

## ISO529 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | Chamfer   | Coating  | TIHM-T   |       | TIHM-P   |           | TIHM-B   |          | TIHM-S   |  |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|----------|--|
|            |          |           |          | Straight |       | Straight |           | Straight |          | Straight |  |
|            |          |           |          | Taper    |       | Plug     |           | Bottom   |          | Set      |  |
|            |          |           |          | Uncoated |       | Uncoated |           | Uncoated |          | Uncoated |  |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |          |  |
| M2x0.4     | 6H       | 41        | 8        | 2.50     | 2.00  | 3        | 001       |          |          |          |  |
| M2x0.25    | 6H       | 41        | 8        | 2.50     | 2.00  | 3        | 002       |          |          |          |  |
| M2.5x0.45  | 6H       | 44.5      | 9.5      | 2.80     | 2.54  | 3        | 003       |          |          |          |  |
| M2.5x0.35  | 6H       | 44.5      | 9.5      | 2.80     | 2.54  | 3        | 004       |          |          |          |  |
| M3x0.5     | 6H       | 48        | 11       | 3.15     | 2.50  | 3        | 005       |          |          |          |  |
| M3x0.35    | 6H       | 48        | 11       | 3.15     | 2.50  | 3        | 006       |          |          |          |  |
| M3.5x0.6   | 6H       | 50        | 13       | 3.55     | 2.80  | 3        | 007       |          |          |          |  |
| M3.5x0.35  | 6H       | 50        | 13       | 3.55     | 2.80  | 3        | 008       |          |          |          |  |
| M4x0.7     | 6H       | 53        | 13       | 4.00     | 3.15  | 3        | 009       |          |          |          |  |
| M4x0.5     | 6H       | 53        | 13       | 4.00     | 3.15  | 3        | 010       |          |          |          |  |
| M4.5x0.75  | 6H       | 53        | 13       | 4.50     | 3.55  | 3        | 011       |          |          |          |  |
| M4.5x0.5   | 6H       | 53        | 13       | 4.50     | 3.55  | 3        | 012       |          |          |          |  |
| M5x0.8     | 6H       | 58        | 16       | 5.00     | 4.00  | 3        | 013       |          |          |          |  |
| M5x0.5     | 6H       | 58        | 16       | 5.00     | 4.00  | 3        | 014       |          |          |          |  |
| M6x1       | 6H       | 66        | 19       | 6.30     | 5.00  | 3        | 015       |          |          |          |  |
| M6x0.75    | 6H       | 66        | 19       | 6.30     | 5.00  | 3        | 016       |          |          |          |  |
| M6x0.5     | 6H       | 66        | 19       | 6.30     | 5.00  | 3        | 017       |          |          |          |  |
| M7x1       | 6H       | 66        | 19       | 7.10     | 5.60  | 4        | 018       |          |          |          |  |
| M7x0.75    | 6H       | 66        | 19       | 7.10     | 5.60  | 4        | 019       |          |          |          |  |
| M7x0.5     | 6H       | 66        | 19       | 7.10     | 5.60  | 4        | 020       |          |          |          |  |
| M8x1.25    | 6H       | 72        | 22       | 8.00     | 6.30  | 4        | 021       |          |          |          |  |
| M8x1       | 6H       | 72        | 22       | 8.00     | 6.30  | 4        | 022       |          |          |          |  |
| M8x0.75    | 6H       | 66        | 19       | 8.00     | 6.30  | 4        | 023       |          |          |          |  |
| M8x0.5     | 6H       | 66        | 19       | 8.00     | 6.30  | 4        | 024       |          |          |          |  |
| M10x1.5    | 6H       | 80        | 24       | 10.00    | 8.00  | 4        | 025       |          |          |          |  |
| M10x1.25   | 6H       | 80        | 24       | 10.00    | 8.00  | 4        | 026       |          |          |          |  |
| M10x1      | 6H       | 80        | 24       | 10.00    | 8.00  | 4        | 027       |          |          |          |  |
| M10x0.75   | 6H       | 73        | 20       | 10.00    | 8.00  | 4        | 028       |          |          |          |  |
| M12x1.75   | 6H       | 89        | 29       | 9.00     | 7.10  | 4        | 029       |          |          |          |  |
| M12x1.5    | 6H       | 89        | 29       | 9.00     | 7.10  | 4        | 030       |          |          |          |  |
| M12x1.25   | 6H       | 89        | 29       | 9.00     | 7.10  | 4        | 031       |          |          |          |  |
| M12x1      | 6H       | 80        | 22       | 9.00     | 7.10  | 4        | 032       |          |          |          |  |
| M14x2      | 6H       | 95        | 30       | 11.20    | 9.00  | 4        | 033       |          |          |          |  |
| M14x1.5    | 6H       | 95        | 30       | 11.20    | 9.00  | 4        | 034       |          |          |          |  |
| M14x1.25   | 6H       | 95        | 30       | 11.20    | 9.00  | 4        | 035       |          |          |          |  |
| M14x1      | 6H       | 87        | 22       | 11.20    | 9.00  | 4        | 036       |          |          |          |  |
| M16x2      | 6H       | 102       | 32       | 12.50    | 10.00 | 4        | 037       |          |          |          |  |
| M16x1.5    | 6H       | 102       | 32       | 12.50    | 10.00 | 4        | 038       |          |          |          |  |
| M16x1      | 6H       | 92        | 22       | 12.50    | 10.00 | 4        | 039       |          |          |          |  |
| M18x2.5    | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 040       |          |          |          |  |
| M18x1.5    | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 041       |          |          |          |  |
| M18x1.25   | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 042       |          |          |          |  |

## ISO529 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | TIHM-T    |          | TIHM-P   |       | TIHM-B   |           | TIHM-S   |          |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|
|            |          | Straight  |          | Straight |       | Straight |           | Straight |          |
|            |          | Taper     |          | Plug     |       | Bottom   |           | Set      |          |
|            |          | Uncoated  |          | Uncoated |       | Uncoated |           | Uncoated |          |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |
| M18x1      | 6H       | 97        | 22       | 14.00    | 11.20 | 4        | 043       |          |          |
| M20x2.5    | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 044       |          |          |
| M20x2      | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 045       |          |          |
| M20x1.5    | 6H       | 112       | 37       | 14.00    | 11.20 | 4        | 046       |          |          |
| M20x1.25   | 6H       | 102       | 22       | 14.00    | 11.20 | 4        | 047       |          |          |
| M22x2.5    | 6H       | 118       | 38       | 16.00    | 12.50 | 4        | 048       |          |          |
| M22x2      | 6H       | 118       | 38       | 16.00    | 12.50 | 4        | 049       |          |          |
| M22x1.5    | 6H       | 118       | 38       | 16.00    | 12.50 | 4        | 050       |          |          |
| M22x1      | 6H       | 109       | 24       | 16.00    | 12.50 | 4        | 051       |          |          |
| M24x3      | 6H       | 130       | 45       | 18.00    | 14.00 | 4        | 052       |          |          |
| M24x2      | 6H       | 130       | 45       | 18.00    | 14.00 | 4        | 053       |          |          |
| M24x1.5    | 6H       | 130       | 45       | 18.00    | 14.00 | 4        | 054       |          |          |
| M24x1      | 6H       | 114       | 24       | 18.00    | 14.00 | 4        | 055       |          |          |
| M27x3      | 6H       | 135       | 45       | 20.00    | 16.00 | 4        | 056       |          |          |
| M27x2      | 6H       | 127       | 37       | 20.00    | 16.00 | 4        | 057       |          |          |
| M27x1.5    | 6H       | 127       | 37       | 20.00    | 16.00 | 4        | 058       |          |          |
| M27x1      | 6H       | 120       | 25       | 20.00    | 16.00 | 4        | 059       |          |          |
| M30x3.5    | 6H       | 138       | 48       | 20.00    | 16.00 | 4        | 060       |          |          |
| M30x3      | 6H       | 138       | 48       | 20.00    | 16.00 | 4        | 061       |          |          |
| M30x2      | 6H       | 127       | 37       | 20.00    | 16.00 | 4        | 062       |          |          |
| M30x1.5    | 6H       | 127       | 37       | 20.00    | 16.00 | 4        | 063       |          |          |
| M30x1      | 6H       | 120       | 25       | 20.00    | 16.00 | 4        | 064       |          |          |
| M32x2      | 6H       | 137       | 37       | 22.40    | 18.00 | 4        | 065       |          |          |
| M32x1.5    | 6H       | 137       | 37       | 22.40    | 18.00 | 4        | 066       |          |          |
| M33x3.5    | 6H       | 151       | 51       | 22.40    | 18.00 | 4        | 067       |          |          |
| M33x3      | 6H       | 151       | 51       | 22.40    | 18.00 | 4        | 068       |          |          |
| M33x2      | 6H       | 137       | 37       | 22.40    | 18.00 | 4        | 069       |          |          |
| M33x1.5    | 6H       | 137       | 37       | 22.40    | 18.00 | 4        | 070       |          |          |
| M36x4      | 6H       | 162       | 57       | 25.00    | 20.00 | 4        | 071       |          |          |
| M36x3      | 6H       | 162       | 57       | 25.00    | 20.00 | 4        | 072       |          |          |
| M36x2      | 6H       | 144       | 39       | 25.00    | 20.00 | 4        | 073       |          |          |
| M36x1.5    | 6H       | 144       | 39       | 25.00    | 20.00 | 4        | 074       |          |          |
| M39x4      | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 075       |          |          |
| M39x3      | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 076       |          |          |
| M39x2      | 6H       | 149       | 39       | 28.00    | 22.40 | 4        | 077       |          |          |
| M39x1.5    | 6H       | 149       | 39       | 28.00    | 22.40 | 4        | 078       |          |          |
| M40x3      | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 079       |          |          |
| M40x2      | 6H       | 149       | 39       | 28.00    | 22.40 | 4        | 080       |          |          |
| M40x1.5    | 6H       | 149       | 39       | 28.00    | 22.40 | 4        | 081       |          |          |
| M42x4.5    | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 082       |          |          |
| M42x4      | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 083       |          |          |
| M42x3      | 6H       | 170       | 60       | 28.00    | 22.40 | 4        | 084       |          |          |



Available on request as special manufacture



# ISO529 UNC UNF Straight Flute



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

| Class Code | Geometry | TIHU-T    |          | TIHU-P   |       | TIHU-B   |           | TIHU-S   |          |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|
|            |          | Straight  |          | Straight |       | Straight |           | Straight |          |
|            |          | Taper     |          | Plug     |       | Bottom   |           | Set      |          |
|            |          | Uncoated  |          | Uncoated |       | Uncoated |           | Uncoated |          |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |
| No.3-48    | 2B       | 44.5      | 9.5      | 2.80     | 2.24  | 3        | 001       |          |          |
| No.4-40    | 2B       | 48        | 11       | 3.15     | 2.50  | 3        | 002       |          |          |
| No.5-40    | 2B       | 48        | 11       | 3.15     | 2.50  | 3        | 003       |          |          |
| No.6-32    | 2B       | 50        | 13       | 3.55     | 2.80  | 3        | 004       |          |          |
| No.8-32    | 2B       | 53        | 13       | 4.50     | 3.55  | 3        | 005       |          |          |
| No.10-24   | 2B       | 58        | 16       | 5.00     | 4.00  | 3        | 006       |          |          |
| No.12-24   | 2B       | 62        | 17       | 5.60     | 4.50  | 3        | 007       |          |          |
| 3/16-24    | 2B       | 58        | 16       | 5.00     | 4.00  | 3        | 008       |          |          |
| 1/4-20     | 2B       | 66        | 19       | 6.30     | 5.00  | 3        | 009       |          |          |
| 5/16-18    | 2B       | 72        | 22       | 8.00     | 6.30  | 4        | 010       |          |          |
| 3/8-16     | 2B       | 80        | 24       | 10.00    | 8.00  | 4        | 011       |          |          |
| 7/16-14    | 2B       | 85        | 25       | 8.00     | 6.30  | 4        | 012       |          |          |
| 1/2-13     | 2B       | 89        | 29       | 9.00     | 7.10  | 4        | 013       |          |          |
| 9/16-12    | 2B       | 95        | 30       | 11.20    | 9.00  | 4        | 014       |          |          |
| 5/8-11     | 2B       | 102       | 32       | 12.50    | 10.00 | 4        | 015       |          |          |
| 3/4-10     | 2B       | 112       | 37       | 14.00    | 11.20 | 4        | 016       |          |          |
| 7/8-9      | 2B       | 118       | 38       | 16.00    | 12.50 | 4        | 017       |          |          |
| 1-8        | 2B       | 130       | 45       | 18.00    | 14.00 | 4        | 018       |          |          |
| 1-1/8-7    | 2B       | 138       | 48       | 20.00    | 16.00 | 4        | 019       |          |          |
| 1-1/4-7    | 2B       | 151       | 51       | 22.40    | 18.00 | 4        | 020       |          |          |
| 1-1/2-6    | 2B       | 170       | 60       | 28.00    | 22.40 | 4        | 021       |          |          |
| No.3-56    | 2B       | 44.5      | 9.5      | 2.80     | 2.24  | 3        | 022       |          |          |
| No.4-48    | 2B       | 48        | 11       | 3.15     | 2.50  | 3        | 023       |          |          |
| No.5-44    | 2B       | 48        | 11       | 3.15     | 2.50  | 3        | 024       |          |          |
| No.6-40    | 2B       | 50        | 13       | 3.55     | 2.80  | 3        | 025       |          |          |
| No.8-36    | 2B       | 53        | 13       | 4.50     | 3.55  | 3        | 026       |          |          |
| No.10-32   | 2B       | 58        | 16       | 5.00     | 4.00  | 3        | 027       |          |          |
| No.12-28   | 2B       | 62        | 17       | 5.60     | 4.50  | 3        | 028       |          |          |
| 3/16-32    | 2B       | 58        | 16       | 5.00     | 4.00  | 3        | 029       |          |          |
| 1/4-28     | 2B       | 66        | 19       | 6.30     | 5.00  | 3        | 030       |          |          |
| 5/16-24    | 2B       | 72        | 22       | 8.00     | 6.30  | 4        | 031       |          |          |
| 3/8-24     | 2B       | 80        | 24       | 10.00    | 8.00  | 4        | 032       |          |          |
| 7/16-20    | 2B       | 85        | 25       | 8.00     | 6.30  | 4        | 033       |          |          |
| 1/2-20     | 2B       | 89        | 29       | 9.00     | 7.10  | 4        | 034       |          |          |
| 9/16-18    | 2B       | 95        | 30       | 11.20    | 9.00  | 4        | 035       |          |          |
| 5/8-18     | 2B       | 102       | 32       | 12.50    | 10.00 | 4        | 036       |          |          |
| 3/4-16     | 2B       | 112       | 37       | 14.00    | 11.20 | 4        | 037       |          |          |
| 7/8-14     | 2B       | 118       | 38       | 16.00    | 12.50 | 4        | 038       |          |          |
| 1-12       | 2B       | 130       | 45       | 18.00    | 14.00 | 4        | 039       |          |          |
| 1-1/8-12   | 2B       | 127       | 48       | 20.00    | 16.00 | 4        | 040       |          |          |
| 1-1/4-12   | 2B       | 137       | 51       | 22.40    | 18.00 | 4        | 041       |          |          |
| 1-1/2-6    | 2B       | 149       | 60       | 28.00    | 22.40 | 4        | 042       |          |          |

# ISO529 BSW BSF Straight Flute



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

| Class Code<br>Geometry<br>Chamfer<br>Coating | TIHB-T   |           | TIHB-P   |         | TIHB-B   |   | TIHB-S    |     |          |
|----------------------------------------------|----------|-----------|----------|---------|----------|---|-----------|-----|----------|
|                                              | Straight |           | Straight |         | Straight |   | Straight  |     |          |
|                                              | Taper    |           | Plug     |         | Bottom   |   | Set       |     |          |
|                                              | Uncoated |           | Uncoated |         | Uncoated |   | Uncoated  |     |          |
| Size                                         | Limit    | Overall L | Thread L | Shank D | □        | z | Size Code | Moq | Price \$ |
| 3/32-48                                      |          | 45        | 10       | 2.80    | 2.24     | 3 | 001       |     |          |
| 1/8-40                                       |          | 48        | 11       | 3.15    | 2.50     | 3 | 002       |     |          |
| 3/16-24                                      |          | 58        | 16       | 5.00    | 4.00     | 3 | 003       |     |          |
| 3/16-32                                      |          | 58        | 16       | 5.00    | 4.00     | 3 | 004       |     |          |
| 7/32-24                                      |          | 62        | 17       | 5.60    | 4.50     | 3 | 005       |     |          |
| 7/32-28                                      |          | 62        | 17       | 5.60    | 4.50     | 3 | 006       |     |          |
| 1/4-20                                       |          | 66        | 19       | 6.30    | 5.00     | 3 | 007       |     |          |
| 1/4-26                                       |          | 66        | 19       | 6.30    | 5.00     | 3 | 008       |     |          |
| 5/16-18                                      |          | 72        | 22       | 8.00    | 6.30     | 4 | 009       |     |          |
| 5/16-22                                      |          | 72        | 22       | 8.00    | 6.30     | 4 | 010       |     |          |
| 3/8-16                                       |          | 80        | 24       | 10.00   | 8.00     | 4 | 011       |     |          |
| 3/8-20                                       |          | 80        | 24       | 10.00   | 8.00     | 4 | 012       |     |          |
| 7/16-14                                      |          | 85        | 25       | 8.00    | 6.30     | 4 | 013       |     |          |
| 7/16-18                                      |          | 85        | 25       | 8.00    | 6.30     | 4 | 014       |     |          |
| 1/2-12                                       |          | 89        | 29       | 9.00    | 7.10     | 4 | 015       |     |          |
| 1/2-16                                       |          | 89        | 29       | 9.00    | 7.10     | 4 | 016       |     |          |
| 9/16-12                                      |          | 95        | 30       | 11.20   | 9.00     | 4 | 017       |     |          |
| 9/16-16                                      |          | 95        | 30       | 11.20   | 9.00     | 4 | 018       |     |          |
| 5/8-11                                       |          | 102       | 32       | 12.50   | 10.00    | 4 | 019       |     |          |
| 5/8-14                                       |          | 102       | 32       | 12.50   | 10.00    | 4 | 020       |     |          |
| 3/4-10                                       |          | 112       | 37       | 14.00   | 11.20    | 4 | 021       |     |          |
| 3/4-12                                       |          | 112       | 37       | 14.00   | 11.20    | 4 | 022       |     |          |
| 7/8-9                                        |          | 118       | 38       | 16.00   | 12.50    | 4 | 023       |     |          |
| 7/8-11                                       |          | 118       | 38       | 16.00   | 12.50    | 4 | 024       |     |          |
| 1-8                                          |          | 130       | 45       | 18.00   | 14.00    | 4 | 025       |     |          |
| 1-10                                         |          | 130       | 45       | 18.00   | 14.00    | 4 | 026       |     |          |
| 1-1/8-7                                      |          | 138       | 48       | 20.00   | 16.00    | 4 | 027       |     |          |
| 1-1/8-9                                      |          | 138       | 48       | 20.00   | 16.00    | 4 | 028       |     |          |
| 1-1/4-7                                      |          | 151       | 51       | 22.40   | 18.00    | 4 | 029       |     |          |
| 1-1/4-9                                      |          | 151       | 51       | 22.40   | 18.00    | 4 | 030       |     |          |
| 1-1/2-6                                      |          | 170       | 60       | 28.00   | 22.40    | 4 | 031       |     |          |
| 1-1/2-8                                      |          | 170       | 60       | 28.00   | 22.40    | 4 | 032       |     |          |
| 2-4-1/2                                      |          | 200       | 70       | 35.50   | 28.00    | 4 | 033       |     |          |
| 2-7                                          |          | 200       | 70       | 35.50   | 28.00    | 4 | 034       |     |          |

## ISO529 Metric Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TISM-B   |         |       |   | TISM-C    |     |          |
|-----------|-------|----------------------------------------------|----------|---------|-------|---|-----------|-----|----------|
|           |       |                                              | Spiral   |         |       |   | Spiral    |     |          |
|           |       |                                              | Form B   |         |       |   | Form C    |     |          |
|           |       |                                              | Uncoated |         |       |   | Uncoated  |     |          |
| Size      | Limit | Overall L                                    | Thread L | Shank D | □     | z | Size Code | Moq | Price \$ |
| M2x0.4    | 6H    | 41                                           | 8        | 2.50    | 2.00  | 3 | 001       |     |          |
| M2x0.25   | 6H    | 41                                           | 8        | 2.50    | 2.00  | 3 | 002       |     |          |
| M2.5x0.45 | 6H    | 44.5                                         | 9.5      | 2.80    | 2.54  | 3 | 003       |     |          |
| M2.5x0.35 | 6H    | 44.5                                         | 9.5      | 2.80    | 2.54  | 3 | 004       |     |          |
| M3x0.5    | 6H    | 48                                           | 11       | 3.15    | 2.50  | 3 | 005       |     |          |
| M3x0.35   | 6H    | 48                                           | 11       | 3.15    | 2.50  | 3 | 006       |     |          |
| M3.5x0.6  | 6H    | 50                                           | 13       | 3.55    | 2.80  | 3 | 007       |     |          |
| M3.5x0.35 | 6H    | 50                                           | 13       | 3.55    | 2.80  | 3 | 008       |     |          |
| M4x0.7    | 6H    | 53                                           | 13       | 4.00    | 3.15  | 3 | 009       |     |          |
| M4x0.5    | 6H    | 53                                           | 13       | 4.00    | 3.15  | 3 | 010       |     |          |
| M4.5x0.75 | 6H    | 53                                           | 13       | 4.50    | 3.55  | 3 | 011       |     |          |
| M4.5x0.5  | 6H    | 53                                           | 13       | 4.50    | 3.55  | 3 | 012       |     |          |
| M5x0.8    | 6H    | 58                                           | 16       | 5.00    | 4.00  | 3 | 013       |     |          |
| M5x0.5    | 6H    | 58                                           | 16       | 5.00    | 4.00  | 3 | 014       |     |          |
| M6x1      | 6H    | 66                                           | 19       | 6.30    | 5.00  | 3 | 015       |     |          |
| M6x0.75   | 6H    | 66                                           | 19       | 6.30    | 5.00  | 3 | 016       |     |          |
| M6x0.5    | 6H    | 66                                           | 19       | 6.30    | 5.00  | 3 | 017       |     |          |
| M7x1      | 6H    | 66                                           | 19       | 7.10    | 5.60  | 4 | 018       |     |          |
| M7x0.75   | 6H    | 66                                           | 19       | 7.10    | 5.60  | 4 | 019       |     |          |
| M7x0.5    | 6H    | 66                                           | 19       | 7.10    | 5.60  | 4 | 020       |     |          |
| M8x1.25   | 6H    | 72                                           | 22       | 8.00    | 6.30  | 4 | 021       |     |          |
| M8x1      | 6H    | 72                                           | 22       | 8.00    | 6.30  | 4 | 022       |     |          |
| M8x0.75   | 6H    | 66                                           | 19       | 8.00    | 6.30  | 4 | 023       |     |          |
| M8x0.5    | 6H    | 66                                           | 19       | 8.00    | 6.30  | 4 | 024       |     |          |
| M10x1.5   | 6H    | 80                                           | 24       | 10.00   | 8.00  | 4 | 025       |     |          |
| M10x1.25  | 6H    | 80                                           | 24       | 10.00   | 8.00  | 4 | 026       |     |          |
| M10x1     | 6H    | 80                                           | 24       | 10.00   | 8.00  | 4 | 027       |     |          |
| M10x0.75  | 6H    | 73                                           | 20       | 10.00   | 8.00  | 4 | 028       |     |          |
| M12x1.75  | 6H    | 89                                           | 29       | 9.00    | 7.10  | 4 | 029       |     |          |
| M12x1.5   | 6H    | 89                                           | 29       | 9.00    | 7.10  | 4 | 030       |     |          |
| M12x1.25  | 6H    | 89                                           | 29       | 9.00    | 7.10  | 4 | 031       |     |          |
| M12x1     | 6H    | 80                                           | 22       | 9.00    | 7.10  | 4 | 032       |     |          |
| M14x2     | 6H    | 95                                           | 30       | 11.20   | 9.00  | 4 | 033       |     |          |
| M14x1.5   | 6H    | 95                                           | 30       | 11.20   | 9.00  | 4 | 034       |     |          |
| M14x1.25  | 6H    | 95                                           | 30       | 11.20   | 9.00  | 4 | 035       |     |          |
| M14x1     | 6H    | 87                                           | 22       | 11.20   | 9.00  | 4 | 036       |     |          |
| M16x2     | 6H    | 102                                          | 32       | 12.50   | 10.00 | 4 | 037       |     |          |
| M16x1.5   | 6H    | 102                                          | 32       | 12.50   | 10.00 | 4 | 038       |     |          |
| M16x1     | 6H    | 92                                           | 22       | 12.50   | 10.00 | 4 | 039       |     |          |
| M18x2.5   | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4 | 040       |     |          |
| M18x1.5   | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4 | 041       |     |          |
| M18x1.25  | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4 | 042       |     |          |

## ISO529 Metric Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN, Steam Oxide

Available on request as special manufacture



|          |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TISM-B   |         |       |          | TISM-C    |     |          |
|----------|-------|----------------------------------------------|----------|---------|-------|----------|-----------|-----|----------|
|          |       |                                              | Spiral   |         |       | Spiral   |           |     |          |
|          |       |                                              | Form B   |         |       | Form C   |           |     |          |
|          |       |                                              | Uncoated |         |       | Uncoated |           |     |          |
| Size     | Limit | Overall L                                    | Thread L | Shank D | □     | z        | Size Code | Moq | Price \$ |
| M18x1    | 6H    | 97                                           | 22       | 14.00   | 11.20 | 4        | 043       |     |          |
| M20x2.5  | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4        | 044       |     |          |
| M20x2    | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4        | 045       |     |          |
| M20x1.5  | 6H    | 112                                          | 37       | 14.00   | 11.20 | 4        | 046       |     |          |
| M20x1.25 | 6H    | 102                                          | 22       | 14.00   | 11.20 | 4        | 047       |     |          |
| M22x2.5  | 6H    | 118                                          | 38       | 16.00   | 12.50 | 4        | 048       |     |          |
| M22x2    | 6H    | 118                                          | 38       | 16.00   | 12.50 | 4        | 049       |     |          |
| M22x1.5  | 6H    | 118                                          | 38       | 16.00   | 12.50 | 4        | 050       |     |          |
| M22x1    | 6H    | 109                                          | 24       | 16.00   | 12.50 | 4        | 051       |     |          |
| M24x3    | 6H    | 130                                          | 45       | 18.00   | 14.00 | 4        | 052       |     |          |
| M24x2    | 6H    | 130                                          | 45       | 18.00   | 14.00 | 4        | 053       |     |          |
| M24x1.5  | 6H    | 130                                          | 45       | 18.00   | 14.00 | 4        | 054       |     |          |
| M24x1    | 6H    | 114                                          | 24       | 18.00   | 14.00 | 4        | 055       |     |          |
| M27x3    | 6H    | 135                                          | 45       | 20.00   | 16.00 | 4        | 056       |     |          |
| M27x2    | 6H    | 127                                          | 37       | 20.00   | 16.00 | 4        | 057       |     |          |
| M27x1.5  | 6H    | 127                                          | 37       | 20.00   | 16.00 | 4        | 058       |     |          |
| M27x1    | 6H    | 120                                          | 25       | 20.00   | 16.00 | 4        | 059       |     |          |
| M30x3.5  | 6H    | 138                                          | 48       | 20.00   | 16.00 | 4        | 060       |     |          |
| M30x3    | 6H    | 138                                          | 48       | 20.00   | 16.00 | 4        | 061       |     |          |
| M30x2    | 6H    | 127                                          | 37       | 20.00   | 16.00 | 4        | 062       |     |          |
| M30x1.5  | 6H    | 127                                          | 37       | 20.00   | 16.00 | 4        | 063       |     |          |
| M30x1    | 6H    | 120                                          | 25       | 20.00   | 16.00 | 4        | 064       |     |          |
| M32x2    | 6H    | 137                                          | 37       | 22.40   | 18.00 | 4        | 065       |     |          |
| M32x1.5  | 6H    | 137                                          | 37       | 22.40   | 18.00 | 4        | 066       |     |          |
| M33x3.5  | 6H    | 151                                          | 51       | 22.40   | 18.00 | 4        | 067       |     |          |
| M33x3    | 6H    | 151                                          | 51       | 22.40   | 18.00 | 4        | 068       |     |          |
| M33x2    | 6H    | 137                                          | 37       | 22.40   | 18.00 | 4        | 069       |     |          |
| M33x1.5  | 6H    | 137                                          | 37       | 22.40   | 18.00 | 4        | 070       |     |          |
| M36x4    | 6H    | 162                                          | 57       | 25.00   | 20.00 | 4        | 071       |     |          |
| M36x3    | 6H    | 162                                          | 57       | 25.00   | 20.00 | 4        | 072       |     |          |
| M36x2    | 6H    | 144                                          | 39       | 25.00   | 20.00 | 4        | 073       |     |          |
| M36x1.5  | 6H    | 144                                          | 39       | 25.00   | 20.00 | 4        | 074       |     |          |

## ISO529 UNC UNF Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TISU-B   |         |       |   |           | TISU-C   |          |
|----------|-------|----------------------------------------------|----------|---------|-------|---|-----------|----------|----------|
|          |       |                                              | Spiral   |         |       |   |           | Spiral   |          |
|          |       |                                              | Form B   |         |       |   |           | Form C   |          |
|          |       |                                              | Uncoated |         |       |   |           | Uncoated |          |
| Size     | Limit | Overall L                                    | Thread L | Shank D | □     | z | Size Code | Moq      | Price \$ |
| No.3-48  | 2B    | 44.5                                         | 9.5      | 2.80    | 2.24  | 3 | 001       |          |          |
| No.4-40  | 2B    | 48                                           | 11       | 3.15    | 2.50  | 3 | 002       |          |          |
| No.5-40  | 2B    | 48                                           | 11       | 3.15    | 2.50  | 3 | 003       |          |          |
| No.6-32  | 2B    | 50                                           | 13       | 3.55    | 2.80  | 3 | 004       |          |          |
| No.8-32  | 2B    | 53                                           | 13       | 4.50    | 3.55  | 3 | 005       |          |          |
| No.10-24 | 2B    | 58                                           | 16       | 5.00    | 4.00  | 3 | 006       |          |          |
| No.12-24 | 2B    | 62                                           | 17       | 5.60    | 4.50  | 3 | 007       |          |          |
| 3/16-24  | 2B    | 58                                           | 16       | 5.00    | 4.00  | 3 | 008       |          |          |
| 1/4-20   | 2B    | 66                                           | 19       | 6.30    | 5.00  | 3 | 009       |          |          |
| 5/16-18  | 2B    | 72                                           | 22       | 8.00    | 6.30  | 4 | 010       |          |          |
| 3/8-16   | 2B    | 80                                           | 24       | 10.00   | 8.00  | 4 | 011       |          |          |
| 7/16-14  | 2B    | 85                                           | 25       | 8.00    | 6.30  | 4 | 012       |          |          |
| 1/2-13   | 2B    | 89                                           | 29       | 9.00    | 7.10  | 4 | 013       |          |          |
| 9/16-12  | 2B    | 95                                           | 30       | 11.20   | 9.00  | 4 | 014       |          |          |
| 5/8-11   | 2B    | 102                                          | 32       | 12.50   | 10.00 | 4 | 015       |          |          |
| 3/4-10   | 2B    | 112                                          | 37       | 14.00   | 11.20 | 4 | 016       |          |          |
| 7/8-9    | 2B    | 118                                          | 38       | 16.00   | 12.50 | 4 | 017       |          |          |
| 1-8      | 2B    | 130                                          | 45       | 18.00   | 14.00 | 4 | 018       |          |          |
| 1-1/8-7  | 2B    | 138                                          | 48       | 20.00   | 16.00 | 4 | 019       |          |          |
| 1-1/4-7  | 2B    | 151                                          | 51       | 22.40   | 18.00 | 4 | 020       |          |          |
| 1-1/2-6  | 2B    | 170                                          | 60       | 28.00   | 22.40 | 4 | 021       |          |          |
| No.3-56  | 2B    | 44.5                                         | 9.5      | 2.80    | 2.24  | 3 | 022       |          |          |
| No.4-48  | 2B    | 48                                           | 11       | 3.15    | 2.50  | 3 | 023       |          |          |
| No.5-44  | 2B    | 48                                           | 11       | 3.15    | 2.50  | 3 | 024       |          |          |
| No.6-40  | 2B    | 50                                           | 13       | 3.55    | 2.80  | 3 | 025       |          |          |
| No.8-36  | 2B    | 53                                           | 13       | 4.50    | 3.55  | 3 | 026       |          |          |
| No.10-32 | 2B    | 58                                           | 16       | 5.00    | 4.00  | 3 | 027       |          |          |
| No.12-28 | 2B    | 62                                           | 17       | 5.60    | 4.50  | 3 | 028       |          |          |
| 3/16-32  | 2B    | 58                                           | 16       | 5.00    | 4.00  | 3 | 029       |          |          |
| 1/4-28   | 2B    | 66                                           | 19       | 6.30    | 5.00  | 3 | 030       |          |          |
| 5/16-24  | 2B    | 72                                           | 22       | 8.00    | 6.30  | 4 | 031       |          |          |
| 3/8-24   | 2B    | 80                                           | 24       | 10.00   | 8.00  | 4 | 032       |          |          |
| 7/16-20  | 2B    | 85                                           | 25       | 8.00    | 6.30  | 4 | 033       |          |          |
| 1/2-20   | 2B    | 89                                           | 29       | 9.00    | 7.10  | 4 | 034       |          |          |
| 9/16-18  | 2B    | 95                                           | 30       | 11.20   | 9.00  | 4 | 035       |          |          |
| 5/8-18   | 2B    | 102                                          | 32       | 12.50   | 10.00 | 4 | 036       |          |          |
| 3/4-16   | 2B    | 112                                          | 37       | 14.00   | 11.20 | 4 | 037       |          |          |
| 7/8-14   | 2B    | 118                                          | 38       | 16.00   | 12.50 | 4 | 038       |          |          |
| 1-12     | 2B    | 130                                          | 45       | 18.00   | 14.00 | 4 | 039       |          |          |
| 1-1/8-12 | 2B    | 127                                          | 48       | 20.00   | 16.00 | 4 | 040       |          |          |
| 1-1/4-12 | 2B    | 137                                          | 51       | 22.40   | 18.00 | 4 | 041       |          |          |
| 1-1/2-6  | 2B    | 149                                          | 60       | 28.00   | 22.40 | 4 | 042       |          |          |

## ISO529 BSW BSF Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size    | Limit | Overall L | Thread L | Shank D | □     | z | Class Code | Moq      | Price \$ |
|---------|-------|-----------|----------|---------|-------|---|------------|----------|----------|
|         |       |           |          |         |       |   | Geometry   |          |          |
|         |       |           |          |         |       |   | Chamfer    |          |          |
|         |       |           |          |         |       |   | Coating    |          |          |
|         |       |           |          |         |       |   | TISB-B     | TISB-C   |          |
|         |       |           |          |         |       |   | Spiral     | Spiral   |          |
|         |       |           |          |         |       |   | Form B     | Form C   |          |
|         |       |           |          |         |       |   | Uncoated   | Uncoated |          |
| 3/32-48 |       | 45        | 10       | 2.80    | 2.24  | 3 | 001        |          |          |
| 1/8-40  |       | 48        | 11       | 3.15    | 2.50  | 3 | 002        |          |          |
| 3/16-24 |       | 58        | 16       | 5.00    | 4.00  | 3 | 003        |          |          |
| 3/16-32 |       | 58        | 16       | 5.00    | 4.00  | 3 | 004        |          |          |
| 7/32-24 |       | 62        | 17       | 5.60    | 4.50  | 3 | 005        |          |          |
| 7/32-28 |       | 62        | 17       | 5.60    | 4.50  | 3 | 006        |          |          |
| 1/4-20  |       | 66        | 19       | 6.30    | 5.00  | 3 | 007        |          |          |
| 1/4-26  |       | 66        | 19       | 6.30    | 5.00  | 3 | 008        |          |          |
| 5/16-18 |       | 72        | 22       | 8.00    | 6.30  | 4 | 009        |          |          |
| 5/16-22 |       | 72        | 22       | 8.00    | 6.30  | 4 | 010        |          |          |
| 3/8-16  |       | 80        | 24       | 10.00   | 8.00  | 4 | 011        |          |          |
| 3/8-20  |       | 80        | 24       | 10.00   | 8.00  | 4 | 012        |          |          |
| 7/16-14 |       | 85        | 25       | 8.00    | 6.30  | 4 | 013        |          |          |
| 7/16-18 |       | 85        | 25       | 8.00    | 6.30  | 4 | 014        |          |          |
| 1/2-12  |       | 89        | 29       | 9.00    | 7.10  | 4 | 015        |          |          |
| 1/2-16  |       | 89        | 29       | 9.00    | 7.10  | 4 | 016        |          |          |
| 9/16-12 |       | 95        | 30       | 11.20   | 9.00  | 4 | 017        |          |          |
| 9/16-16 |       | 95        | 30       | 11.20   | 9.00  | 4 | 018        |          |          |
| 5/8-11  |       | 102       | 32       | 12.50   | 10.00 | 4 | 019        |          |          |
| 5/8-14  |       | 102       | 32       | 12.50   | 10.00 | 4 | 020        |          |          |
| 3/4-10  |       | 112       | 37       | 14.00   | 11.20 | 4 | 021        |          |          |
| 3/4-12  |       | 112       | 37       | 14.00   | 11.20 | 4 | 022        |          |          |
| 7/8-9   |       | 118       | 38       | 16.00   | 12.50 | 4 | 023        |          |          |
| 7/8-11  |       | 118       | 38       | 16.00   | 12.50 | 4 | 024        |          |          |
| 1-8     |       | 130       | 45       | 18.00   | 14.00 | 4 | 025        |          |          |
| 1-10    |       | 130       | 45       | 18.00   | 14.00 | 4 | 026        |          |          |
| 1-1/8-7 |       | 138       | 48       | 20.00   | 16.00 | 4 | 027        |          |          |
| 1-1/8-9 |       | 138       | 48       | 20.00   | 16.00 | 4 | 028        |          |          |
| 1-1/4-7 |       | 151       | 51       | 22.40   | 18.00 | 4 | 029        |          |          |
| 1-1/4-9 |       | 151       | 51       | 22.40   | 18.00 | 4 | 030        |          |          |
| 1-1/2-6 |       | 170       | 60       | 28.00   | 22.40 | 4 | 031        |          |          |
| 1-1/2-8 |       | 170       | 60       | 28.00   | 22.40 | 4 | 032        |          |          |
| 2-4-1/2 |       | 200       | 70       | 35.50   | 28.00 | 4 | 033        |          |          |
| 2-7     |       | 200       | 70       | 35.50   | 28.00 | 4 | 034        |          |          |

## ISO529 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TIPM         |         |       |   |              | TIPM |          |
|-----------|-------|----------------------------------------------|--------------|---------|-------|---|--------------|------|----------|
|           |       |                                              | Spiral Point |         |       |   | Spiral Point |      |          |
|           |       |                                              | Plug         |         |       |   | Plug         |      |          |
|           |       |                                              | Uncoated     |         |       |   | Uncoated     |      |          |
| Size      | Limit | Overall L                                    | Thread L     | Shank D | □     | z | Size Code    | Moq  | Price \$ |
| M2x0.4    | 6H    | 41                                           | 8            | 2.50    | 2.00  | 3 | 001          |      |          |
| M2x0.25   | 6H    | 41                                           | 8            | 2.50    | 2.00  | 3 | 002          |      |          |
| M2.5x0.45 | 6H    | 44.5                                         | 9.5          | 2.80    | 2.54  | 3 | 003          |      |          |
| M2.5x0.35 | 6H    | 44.5                                         | 9.5          | 2.80    | 2.54  | 3 | 004          |      |          |
| M3x0.5    | 6H    | 48                                           | 11           | 3.15    | 2.50  | 3 | 005          |      |          |
| M3x0.35   | 6H    | 48                                           | 11           | 3.15    | 2.50  | 3 | 006          |      |          |
| M3.5x0.6  | 6H    | 50                                           | 13           | 3.55    | 2.80  | 3 | 007          |      |          |
| M3.5x0.35 | 6H    | 50                                           | 13           | 3.55    | 2.80  | 3 | 008          |      |          |
| M4x0.7    | 6H    | 53                                           | 13           | 4.00    | 3.15  | 3 | 009          |      |          |
| M4x0.5    | 6H    | 53                                           | 13           | 4.00    | 3.15  | 3 | 010          |      |          |
| M4.5x0.75 | 6H    | 53                                           | 13           | 4.50    | 3.55  | 3 | 011          |      |          |
| M4.5x0.5  | 6H    | 53                                           | 13           | 4.50    | 3.55  | 3 | 012          |      |          |
| M5x0.8    | 6H    | 58                                           | 16           | 5.00    | 4.00  | 3 | 013          |      |          |
| M5x0.5    | 6H    | 58                                           | 16           | 5.00    | 4.00  | 3 | 014          |      |          |
| M6x1      | 6H    | 66                                           | 19           | 6.30    | 5.00  | 3 | 015          |      |          |
| M6x0.75   | 6H    | 66                                           | 19           | 6.30    | 5.00  | 3 | 016          |      |          |
| M6x0.5    | 6H    | 66                                           | 19           | 6.30    | 5.00  | 3 | 017          |      |          |
| M7x1      | 6H    | 66                                           | 19           | 7.10    | 5.60  | 4 | 018          |      |          |
| M7x0.75   | 6H    | 66                                           | 19           | 7.10    | 5.60  | 4 | 019          |      |          |
| M7x0.5    | 6H    | 66                                           | 19           | 7.10    | 5.60  | 4 | 020          |      |          |
| M8x1.25   | 6H    | 72                                           | 22           | 8.00    | 6.30  | 4 | 021          |      |          |
| M8x1      | 6H    | 72                                           | 22           | 8.00    | 6.30  | 4 | 022          |      |          |
| M8x0.75   | 6H    | 66                                           | 19           | 8.00    | 6.30  | 4 | 023          |      |          |
| M8x0.5    | 6H    | 66                                           | 19           | 8.00    | 6.30  | 4 | 024          |      |          |
| M10x1.5   | 6H    | 80                                           | 24           | 10.00   | 8.00  | 4 | 025          |      |          |
| M10x1.25  | 6H    | 80                                           | 24           | 10.00   | 8.00  | 4 | 026          |      |          |
| M10x1     | 6H    | 80                                           | 24           | 10.00   | 8.00  | 4 | 027          |      |          |
| M10x0.75  | 6H    | 73                                           | 20           | 10.00   | 8.00  | 4 | 028          |      |          |
| M12x1.75  | 6H    | 89                                           | 29           | 9.00    | 7.10  | 4 | 029          |      |          |
| M12x1.5   | 6H    | 89                                           | 29           | 9.00    | 7.10  | 4 | 030          |      |          |
| M12x1.25  | 6H    | 89                                           | 29           | 9.00    | 7.10  | 4 | 031          |      |          |
| M12x1     | 6H    | 80                                           | 22           | 9.00    | 7.10  | 4 | 032          |      |          |
| M14x2     | 6H    | 95                                           | 30           | 11.20   | 9.00  | 4 | 033          |      |          |
| M14x1.5   | 6H    | 95                                           | 30           | 11.20   | 9.00  | 4 | 034          |      |          |
| M14x1.25  | 6H    | 95                                           | 30           | 11.20   | 9.00  | 4 | 035          |      |          |
| M14x1     | 6H    | 87                                           | 22           | 11.20   | 9.00  | 4 | 036          |      |          |
| M16x2     | 6H    | 102                                          | 32           | 12.50   | 10.00 | 4 | 037          |      |          |
| M16x1.5   | 6H    | 102                                          | 32           | 12.50   | 10.00 | 4 | 038          |      |          |
| M16x1     | 6H    | 92                                           | 22           | 12.50   | 10.00 | 4 | 039          |      |          |
| M18x2.5   | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4 | 040          |      |          |
| M18x1.5   | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4 | 041          |      |          |
| M18x1.25  | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4 | 042          |      |          |

## ISO529 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN, Steam Oxide

Available on request as special manufacture



|          |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TIPM         |         |       |              | TIPM      |     |          |
|----------|-------|----------------------------------------------|--------------|---------|-------|--------------|-----------|-----|----------|
|          |       |                                              | Spiral Point |         |       | Spiral Point |           |     |          |
|          |       |                                              | Plug         |         |       | Plug         |           |     |          |
|          |       |                                              | Uncoated     |         |       | Uncoated     |           |     |          |
| Size     | Limit | Overall L                                    | Thread L     | Shank D | □     | z            | Size Code | Moq | Price \$ |
| M18x1    | 6H    | 97                                           | 22           | 14.00   | 11.20 | 4            | 043       |     |          |
| M20x2.5  | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4            | 044       |     |          |
| M20x2    | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4            | 045       |     |          |
| M20x1.5  | 6H    | 112                                          | 37           | 14.00   | 11.20 | 4            | 046       |     |          |
| M20x1.25 | 6H    | 102                                          | 22           | 14.00   | 11.20 | 4            | 047       |     |          |
| M22x2.5  | 6H    | 118                                          | 38           | 16.00   | 12.50 | 4            | 048       |     |          |
| M22x2    | 6H    | 118                                          | 38           | 16.00   | 12.50 | 4            | 049       |     |          |
| M22x1.5  | 6H    | 118                                          | 38           | 16.00   | 12.50 | 4            | 050       |     |          |
| M22x1    | 6H    | 109                                          | 24           | 16.00   | 12.50 | 4            | 051       |     |          |
| M24x3    | 6H    | 130                                          | 45           | 18.00   | 14.00 | 4            | 052       |     |          |
| M24x2    | 6H    | 130                                          | 45           | 18.00   | 14.00 | 4            | 053       |     |          |
| M24x1.5  | 6H    | 130                                          | 45           | 18.00   | 14.00 | 4            | 054       |     |          |
| M24x1    | 6H    | 114                                          | 24           | 18.00   | 14.00 | 4            | 055       |     |          |
| M27x3    | 6H    | 135                                          | 45           | 20.00   | 16.00 | 4            | 056       |     |          |
| M27x2    | 6H    | 127                                          | 37           | 20.00   | 16.00 | 4            | 057       |     |          |
| M27x1.5  | 6H    | 127                                          | 37           | 20.00   | 16.00 | 4            | 058       |     |          |
| M27x1    | 6H    | 120                                          | 25           | 20.00   | 16.00 | 4            | 059       |     |          |
| M30x3.5  | 6H    | 138                                          | 48           | 20.00   | 16.00 | 4            | 060       |     |          |
| M30x3    | 6H    | 138                                          | 48           | 20.00   | 16.00 | 4            | 061       |     |          |
| M30x2    | 6H    | 127                                          | 37           | 20.00   | 16.00 | 4            | 062       |     |          |
| M30x1.5  | 6H    | 127                                          | 37           | 20.00   | 16.00 | 4            | 063       |     |          |
| M30x1    | 6H    | 120                                          | 25           | 20.00   | 16.00 | 4            | 064       |     |          |
| M32x2    | 6H    | 137                                          | 37           | 22.40   | 18.00 | 4            | 065       |     |          |
| M32x1.5  | 6H    | 137                                          | 37           | 22.40   | 18.00 | 4            | 066       |     |          |
| M33x3.5  | 6H    | 151                                          | 51           | 22.40   | 18.00 | 4            | 067       |     |          |
| M33x3    | 6H    | 151                                          | 51           | 22.40   | 18.00 | 4            | 068       |     |          |
| M33x2    | 6H    | 137                                          | 37           | 22.40   | 18.00 | 4            | 069       |     |          |
| M33x1.5  | 6H    | 137                                          | 37           | 22.40   | 18.00 | 4            | 070       |     |          |
| M36x4    | 6H    | 162                                          | 57           | 25.00   | 20.00 | 4            | 071       |     |          |
| M36x3    | 6H    | 162                                          | 57           | 25.00   | 20.00 | 4            | 072       |     |          |
| M36x2    | 6H    | 144                                          | 39           | 25.00   | 20.00 | 4            | 073       |     |          |
| M36x1.5  | 6H    | 144                                          | 39           | 25.00   | 20.00 | 4            | 074       |     |          |
|          |       |                                              |              |         |       |              |           |     |          |
|          |       |                                              |              |         |       |              |           |     |          |
|          |       |                                              |              |         |       |              |           |     |          |
|          |       |                                              |              |         |       |              |           |     |          |
|          |       |                                              |              |         |       |              |           |     |          |

## ISO529 UNC UNF Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TIPU         |         |       |   |           | TIPU         |          |
|----------|-------|----------------------------------------------|--------------|---------|-------|---|-----------|--------------|----------|
|          |       |                                              | Spiral Point |         |       |   |           | Spiral Point |          |
|          |       |                                              | Plug         |         |       |   |           | Plug         |          |
|          |       |                                              | Uncoated     |         |       |   |           | Uncoated     |          |
| Size     | Limit | Overall L                                    | Thread L     | Shank D | □     | z | Size Code | Moq          | Price \$ |
| No.3-48  | 2B    | 44.5                                         | 9.5          | 2.80    | 2.24  | 3 | 001       |              |          |
| No.4-40  | 2B    | 48                                           | 11           | 3.15    | 2.50  | 3 | 002       |              |          |
| No.5-40  | 2B    | 48                                           | 11           | 3.15    | 2.50  | 3 | 003       |              |          |
| No.6-32  | 2B    | 50                                           | 13           | 3.55    | 2.80  | 3 | 004       |              |          |
| No.8-32  | 2B    | 53                                           | 13           | 4.50    | 3.55  | 3 | 005       |              |          |
| No.10-24 | 2B    | 58                                           | 16           | 5.00    | 4.00  | 3 | 006       |              |          |
| No.12-24 | 2B    | 62                                           | 17           | 5.60    | 4.50  | 3 | 007       |              |          |
| 3/16-24  | 2B    | 58                                           | 16           | 5.00    | 4.00  | 3 | 008       |              |          |
| 1/4-20   | 2B    | 66                                           | 19           | 6.30    | 5.00  | 3 | 009       |              |          |
| 5/16-18  | 2B    | 72                                           | 22           | 8.00    | 6.30  | 4 | 010       |              |          |
| 3/8-16   | 2B    | 80                                           | 24           | 10.00   | 8.00  | 4 | 011       |              |          |
| 7/16-14  | 2B    | 85                                           | 25           | 8.00    | 6.30  | 4 | 012       |              |          |
| 1/2-13   | 2B    | 89                                           | 29           | 9.00    | 7.10  | 4 | 013       |              |          |
| 9/16-12  | 2B    | 95                                           | 30           | 11.20   | 9.00  | 4 | 014       |              |          |
| 5/8-11   | 2B    | 102                                          | 32           | 12.50   | 10.00 | 4 | 015       |              |          |
| 3/4-10   | 2B    | 112                                          | 37           | 14.00   | 11.20 | 4 | 016       |              |          |
| 7/8-9    | 2B    | 118                                          | 38           | 16.00   | 12.50 | 4 | 017       |              |          |
| 1-8      | 2B    | 130                                          | 45           | 18.00   | 14.00 | 4 | 018       |              |          |
| 1-1/8-7  | 2B    | 138                                          | 48           | 20.00   | 16.00 | 4 | 019       |              |          |
| 1-1/4-7  | 2B    | 151                                          | 51           | 22.40   | 18.00 | 4 | 020       |              |          |
| 1-1/2-6  | 2B    | 170                                          | 60           | 28.00   | 22.40 | 4 | 021       |              |          |
| No.3-56  | 2B    | 44.5                                         | 9.5          | 2.80    | 2.24  | 3 | 022       |              |          |
| No.4-48  | 2B    | 48                                           | 11           | 3.15    | 2.50  | 3 | 023       |              |          |
| No.5-44  | 2B    | 48                                           | 11           | 3.15    | 2.50  | 3 | 024       |              |          |
| No.6-40  | 2B    | 50                                           | 13           | 3.55    | 2.80  | 3 | 025       |              |          |
| No.8-36  | 2B    | 53                                           | 13           | 4.50    | 3.55  | 3 | 026       |              |          |
| No.10-32 | 2B    | 58                                           | 16           | 5.00    | 4.00  | 3 | 027       |              |          |
| No.12-28 | 2B    | 62                                           | 17           | 5.60    | 4.50  | 3 | 028       |              |          |
| 3/16-32  | 2B    | 58                                           | 16           | 5.00    | 4.00  | 3 | 029       |              |          |
| 1/4-28   | 2B    | 66                                           | 19           | 6.30    | 5.00  | 3 | 030       |              |          |
| 5/16-24  | 2B    | 72                                           | 22           | 8.00    | 6.30  | 4 | 031       |              |          |
| 3/8-24   | 2B    | 80                                           | 24           | 10.00   | 8.00  | 4 | 032       |              |          |
| 7/16-20  | 2B    | 85                                           | 25           | 8.00    | 6.30  | 4 | 033       |              |          |
| 1/2-20   | 2B    | 89                                           | 29           | 9.00    | 7.10  | 4 | 034       |              |          |
| 9/16-18  | 2B    | 95                                           | 30           | 11.20   | 9.00  | 4 | 035       |              |          |
| 5/8-18   | 2B    | 102                                          | 32           | 12.50   | 10.00 | 4 | 036       |              |          |
| 3/4-16   | 2B    | 112                                          | 37           | 14.00   | 11.20 | 4 | 037       |              |          |
| 7/8-14   | 2B    | 118                                          | 38           | 16.00   | 12.50 | 4 | 038       |              |          |
| 1-12     | 2B    | 130                                          | 45           | 18.00   | 14.00 | 4 | 039       |              |          |
| 1-1/8-12 | 2B    | 127                                          | 48           | 20.00   | 16.00 | 4 | 040       |              |          |
| 1-1/4-12 | 2B    | 137                                          | 51           | 22.40   | 18.00 | 4 | 041       |              |          |
| 1-1/2-6  | 2B    | 149                                          | 60           | 28.00   | 22.40 | 4 | 042       |              |          |

## ISO529 BSW BSF Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|         |       | Class Code<br>Geometry<br>Chamfer<br>Coating | TIPB     |         |          |   |           | TIPB         |          |
|---------|-------|----------------------------------------------|----------|---------|----------|---|-----------|--------------|----------|
|         |       |                                              |          |         |          |   |           | Spiral Point |          |
|         |       |                                              |          |         |          |   |           | Spiral Point |          |
|         |       |                                              |          |         |          |   |           | Plug         |          |
|         |       |                                              |          |         | Uncoated |   |           |              |          |
| Size    | Limit | Overall L                                    | Thread L | Shank D | □        | z | Size Code | Moq          | Price \$ |
| 3/32-48 |       | 45                                           | 10       | 2.80    | 2.24     | 3 | 001       |              |          |
| 1/8-40  |       | 48                                           | 11       | 3.15    | 2.50     | 3 | 002       |              |          |
| 3/16-24 |       | 58                                           | 16       | 5.00    | 4.00     | 3 | 003       |              |          |
| 3/16-32 |       | 58                                           | 16       | 5.00    | 4.00     | 3 | 004       |              |          |
| 7/32-24 |       | 62                                           | 17       | 5.60    | 4.50     | 3 | 005       |              |          |
| 7/32-28 |       | 62                                           | 17       | 5.60    | 4.50     | 3 | 006       |              |          |
| 1/4-20  |       | 66                                           | 19       | 6.30    | 5.00     | 3 | 007       |              |          |
| 1/4-26  |       | 66                                           | 19       | 6.30    | 5.00     | 3 | 008       |              |          |
| 5/16-18 |       | 72                                           | 22       | 8.00    | 6.30     | 4 | 009       |              |          |
| 5/16-22 |       | 72                                           | 22       | 8.00    | 6.30     | 4 | 010       |              |          |
| 3/8-16  |       | 80                                           | 24       | 10.00   | 8.00     | 4 | 011       |              |          |
| 3/8-20  |       | 80                                           | 24       | 10.00   | 8.00     | 4 | 012       |              |          |
| 7/16-14 |       | 85                                           | 25       | 8.00    | 6.30     | 4 | 013       |              |          |
| 7/16-18 |       | 85                                           | 25       | 8.00    | 6.30     | 4 | 014       |              |          |
| 1/2-12  |       | 89                                           | 29       | 9.00    | 7.10     | 4 | 015       |              |          |
| 1/2-16  |       | 89                                           | 29       | 9.00    | 7.10     | 4 | 016       |              |          |
| 9/16-12 |       | 95                                           | 30       | 11.20   | 9.00     | 4 | 017       |              |          |
| 9/16-16 |       | 95                                           | 30       | 11.20   | 9.00     | 4 | 018       |              |          |
| 5/8-11  |       | 102                                          | 32       | 12.50   | 10.00    | 4 | 019       |              |          |
| 5/8-14  |       | 102                                          | 32       | 12.50   | 10.00    | 4 | 020       |              |          |
| 3/4-10  |       | 112                                          | 37       | 14.00   | 11.20    | 4 | 021       |              |          |
| 3/4-12  |       | 112                                          | 37       | 14.00   | 11.20    | 4 | 022       |              |          |
| 7/8-9   |       | 118                                          | 38       | 16.00   | 12.50    | 4 | 023       |              |          |
| 7/8-11  |       | 118                                          | 38       | 16.00   | 12.50    | 4 | 024       |              |          |
| 1-8     |       | 130                                          | 45       | 18.00   | 14.00    | 4 | 025       |              |          |
| 1-10    |       | 130                                          | 45       | 18.00   | 14.00    | 4 | 026       |              |          |
| 1-1/8-7 |       | 138                                          | 48       | 20.00   | 16.00    | 4 | 027       |              |          |
| 1-1/8-9 |       | 138                                          | 48       | 20.00   | 16.00    | 4 | 028       |              |          |
| 1-1/4-7 |       | 151                                          | 51       | 22.40   | 18.00    | 4 | 029       |              |          |
| 1-1/4-9 |       | 151                                          | 51       | 22.40   | 18.00    | 4 | 030       |              |          |
| 1-1/2-6 |       | 170                                          | 60       | 28.00   | 22.40    | 4 | 031       |              |          |
| 1-1/2-8 |       | 170                                          | 60       | 28.00   | 22.40    | 4 | 032       |              |          |
| 2-4-1/2 |       | 200                                          | 70       | 35.50   | 28.00    | 4 | 033       |              |          |
| 2-7     |       | 200                                          | 70       | 35.50   | 28.00    | 4 | 034       |              |          |



Available on request as special manufacture





Available on request as special manufacture

## ISO2284 Rc/BSPT Taper Pipe

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]



Available on request as special manufacture



Available on request as special manufacture





Available on request as special manufacture



## DIN351 BSW Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|             | Class Code<br>Geometry<br>Chamfer<br>Coating | TDHB-P      |            | TDHB-B    | TDHB-S   |          |
|-------------|----------------------------------------------|-------------|------------|-----------|----------|----------|
|             |                                              | Straight    |            | Straight  | Straight |          |
|             |                                              | Plug        |            | Bottom    | Set      |          |
|             |                                              | Uncoated    |            | Uncoated  | Uncoated |          |
| Size        | Limit                                        | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| 1/16-60     | 6H                                           | 32          | 10         | 001       |          |          |
| 3/32-48     | 6H                                           | 36          | 11         | 002       |          |          |
| 1/8-40      | 6H                                           | 40          | 12         | 003       |          |          |
| 5/32-32     | 6H                                           | 45          | 14         | 004       |          |          |
| 3/16-24     | 6H                                           | 50          | 18         | 005       |          |          |
| 7/32-24     | 6H                                           | 50          | 18         | 006       |          |          |
| 1/4-20      | 6H                                           | 56          | 22         | 007       |          |          |
| 5/16-18     | 6H                                           | 63          | 25         | 008       |          |          |
| 3/8-16      | 6H                                           | 70          | 28         | 009       |          |          |
| 7/16-14     | 6H                                           | 75          | 30         | 010       |          |          |
| 1/2-12      | 6H                                           | 80          | 32         | 011       |          |          |
| 9/16-12     | 6H                                           | 80          | 32         | 012       |          |          |
| 5/8-11      | 6H                                           | 90          | 36         | 013       |          |          |
| 3/4-10      | 6H                                           | 105         | 40         | 014       |          |          |
| 7/8-9       | 6H                                           | 110         | 45         | 015       |          |          |
| 1-8         | 6H                                           | 110         | 50         | 016       |          |          |
| 1-1/8-7     | 6H                                           | 132         | 56         | 017       |          |          |
| 1-1/4-7     | 6H                                           | 132         | 56         | 018       |          |          |
| 1-3/8-6     | 6H                                           | 150         | 63         | 019       |          |          |
| 1-1/2-6     | 6H                                           | 150         | 63         | 020       |          |          |
| 1-5/8-5     | 6H                                           | 160         | 70         | 021       |          |          |
| 1-3/4-5     | 6H                                           | 160         | 70         | 022       |          |          |
| 1-7/8-4-1/2 | 6H                                           | 190         | 80         | 023       |          |          |
| 2-4-1/2     | 6H                                           | 190         | 80         | 024       |          |          |

## DIN352 M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TDHMC-T  |             | TDHMC-P    | TDHMC-B   | TDHMC-S  |          |
|----------------------------------------------|----------|-------------|------------|-----------|----------|----------|
|                                              | Straight |             | Straight   | Straight  | Straight |          |
|                                              | Taper    |             | Plug       | Bottom    | Set      |          |
|                                              | Uncoated |             | Uncoated   | Uncoated  | Uncoated |          |
| Size                                         | Limit    | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| M1x0.25                                      | 6H       | 32          | 5.5        | 001       |          |          |
| M1.1x0.25                                    | 6H       | 32          | 5.5        | 002       |          |          |
| M1.2x0.25                                    | 6H       | 32          | 5.5        | 003       |          |          |
| M1.4x0.3                                     | 6H       | 32          | 7          | 004       |          |          |
| M1.6x0.35                                    | 6H       | 32          | 8          | 005       |          |          |
| M1.7x0.35                                    | 6H       | 32          | 8          | 006       |          |          |
| M1.8x0.35                                    | 6H       | 32          | 8          | 007       |          |          |
| M2x0.4                                       | 6H       | 36          | 8          | 008       |          |          |
| M2.2x0.45                                    | 6H       | 36          | 9          | 009       |          |          |
| M2.3x0.4                                     | 6H       | 36          | 9          | 010       |          |          |
| M2.5x0.45                                    | 6H       | 40          | 9          | 011       |          |          |
| M2.6x0.45                                    | 6H       | 40          | 9          | 012       |          |          |
| M3x0.5                                       | 6H       | 40          | 11         | 013       |          |          |
| M3.5x0.6                                     | 6H       | 45          | 13         | 014       |          |          |
| M4x0.7                                       | 6H       | 45          | 13         | 015       |          |          |
| M4.5x0.75                                    | 6H       | 50          | 16         | 016       |          |          |
| M5x0.8                                       | 6H       | 50          | 16         | 017       |          |          |
| M6x1                                         | 6H       | 50          | 19         | 018       |          |          |
| M7x1                                         | 6H       | 50          | 19         | 019       |          |          |
| M8x1.25                                      | 6H       | 56          | 22         | 020       |          |          |
| M9x1.25                                      | 6H       | 63          | 22         | 021       |          |          |
| M10x1.5                                      | 6H       | 70          | 24         | 022       |          |          |
| M11x1.5                                      | 6H       | 70          | 24         | 023       |          |          |
| M12x1.75                                     | 6H       | 75          | 29         | 024       |          |          |
| M14x2                                        | 6H       | 80          | 30         | 025       |          |          |
| M16x2                                        | 6H       | 80          | 32         | 026       |          |          |
| M18x2.5                                      | 6H       | 95          | 40         | 027       |          |          |
| M20x2.5                                      | 6H       | 95          | 40         | 028       |          |          |
| M22x2.5                                      | 6H       | 100         | 40         | 029       |          |          |
| M24x3                                        | 6H       | 110         | 50         | 030       |          |          |
| M27x3                                        | 6H       | 110         | 50         | 031       |          |          |
| M30x3.5                                      | 6H       | 125         | 56         | 032       |          |          |
| M33x3.5                                      | 6H       | 125         | 56         | 033       |          |          |
| M36x4                                        | 6H       | 150         | 63         | 034       |          |          |
| M39x4                                        | 6H       | 150         | 63         | 035       |          |          |
| M42x4.5                                      | 6H       | 150         | 63         | 036       |          |          |
| M45x4.5                                      | 6H       | 160         | 70         | 037       |          |          |
| M48x5                                        | 6H       | 180         | 75         | 038       |          |          |
| M52x5                                        | 6H       | 180         | 75         | 039       |          |          |
| M56x5.5                                      | 6H       | 200         | 85         | 040       |          |          |
| M60x5.5                                      | 6H       | 200         | 85         | 041       |          |          |
| M64x6                                        | 6H       | 220         | 90         | 042       |          |          |

# DIN2181 MF Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TDHMF-P  |             | TDHMF-B    |           | TDHMF-S  |          |
|----------------------------------------------|----------|-------------|------------|-----------|----------|----------|
|                                              | Straight |             | Straight   |           | Straight |          |
|                                              | Plug     |             | Bottom     |           | Set      |          |
|                                              | Uncoated |             | Uncoated   |           | Uncoated |          |
| Size                                         | Limit    | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| M3x0.35                                      | 6H       | 40          | 9          | 001       |          |          |
| M4x0.35                                      | 6H       | 45          | 10         | 002       |          |          |
| M4x0.5                                       | 6H       | 45          | 10         | 003       |          |          |
| M5x0.5                                       | 6H       | 50          | 12         | 004       |          |          |
| M6x0.5                                       | 6H       | 50          | 14         | 005       |          |          |
| M6x0.75                                      | 6H       | 50          | 14         | 006       |          |          |
| M7x0.75                                      | 6H       | 50          | 14         | 007       |          |          |
| M8x0.5                                       | 6H       | 50          | 19         | 008       |          |          |
| M8x0.75                                      | 6H       | 50          | 19         | 009       |          |          |
| M8x1                                         | 6H       | 56          | 22         | 010       |          |          |
| M9x1                                         | 6H       | 63          | 22         | 011       |          |          |
| M10x0.75                                     | 6H       | 63          | 20         | 012       |          |          |
| M10x1                                        | 6H       | 63          | 20         | 013       |          |          |
| M10x1.25                                     | 6H       | 70          | 24         | 014       |          |          |
| M11x1                                        | 6H       | 63          | 20         | 015       |          |          |
| M12x1                                        | 6H       | 70          | 22         | 016       |          |          |
| M12x1.25                                     | 6H       | 70          | 22         | 017       |          |          |
| M12x1.5                                      | 6H       | 70          | 22         | 018       |          |          |
| M13x1                                        | 6H       | 70          | 22         | 019       |          |          |
| M13x1.5                                      | 6H       | 70          | 22         | 020       |          |          |
| M14x1                                        | 6H       | 70          | 22         | 021       |          |          |
| M14x1.25                                     | 6H       | 70          | 22         | 022       |          |          |
| M14x1.5                                      | 6H       | 70          | 22         | 023       |          |          |
| M15x1                                        | 6H       | 70          | 22         | 024       |          |          |
| M15x1.5                                      | 6H       | 70          | 22         | 025       |          |          |
| M16x1.5                                      | 6H       | 70          | 22         | 026       |          |          |
| M18x1                                        | 6H       | 80          | 22         | 027       |          |          |
| M18x1.25                                     | 6H       | 80          | 22         | 028       |          |          |
| M18x1.5                                      | 6H       | 80          | 22         | 029       |          |          |
| M18x2                                        | 6H       | 80          | 22         | 030       |          |          |
| M20x1                                        | 6H       | 80          | 22         | 031       |          |          |
| M20x1.25                                     | 6H       | 80          | 22         | 032       |          |          |
| M20x1.5                                      | 6H       | 80          | 22         | 033       |          |          |
| M20x2                                        | 6H       | 80          | 22         | 034       |          |          |
| M22x1                                        | 6H       | 80          | 22         | 035       |          |          |
| M22x1.5                                      | 6H       | 80          | 22         | 036       |          |          |
| M22x2                                        | 6H       | 80          | 22         | 037       |          |          |
| M24x1                                        | 6H       | 90          | 22         | 038       |          |          |
| M24x1.5                                      | 6H       | 90          | 22         | 039       |          |          |
| M24x2                                        | 6H       | 90          | 22         | 040       |          |          |
| M25x1.5                                      | 6H       | 90          | 22         | 041       |          |          |
| M26x1.5                                      | 6H       | 90          | 22         | 042       |          |          |

# DIN2181 MF Straight Flute

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN  
Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TDHMF-P  |             | TDHMF-B    |           | TDHMF-S  |          |
|----------------------------------------------|----------|-------------|------------|-----------|----------|----------|
|                                              | Straight |             | Straight   |           | Straight |          |
|                                              | Plug     |             | Bottom     |           | Set      |          |
|                                              | Uncoated |             | Uncoated   |           | Uncoated |          |
| Size                                         | Limit    | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| M26x2                                        | 6H       | 90          | 22         | 043       |          |          |
| M27x1.5                                      | 6H       | 90          | 22         | 044       |          |          |
| M27x2                                        | 6H       | 90          | 22         | 045       |          |          |
| M28x1.5                                      | 6H       | 90          | 22         | 046       |          |          |
| M28x2                                        | 6H       | 90          | 22         | 047       |          |          |
| M30x1                                        | 6H       | 90          | 22         | 048       |          |          |
| M30x1.5                                      | 6H       | 90          | 22         | 049       |          |          |
| M30x2                                        | 6H       | 90          | 22         | 050       |          |          |
| M32x1.5                                      | 6H       | 90          | 22         | 051       |          |          |
| M33x1.5                                      | 6H       | 100         | 25         | 052       |          |          |
| M33x2                                        | 6H       | 100         | 25         | 053       |          |          |
| M34x1.5                                      | 6H       | 100         | 25         | 054       |          |          |
| M35x1.5                                      | 6H       | 100         | 25         | 055       |          |          |
| M36x1.5                                      | 6H       | 100         | 25         | 056       |          |          |
| M36x2                                        | 6H       | 125         | 40         | 057       |          |          |
| M36x3                                        | 6H       | 125         | 40         | 058       |          |          |
| M38x1.5                                      | 6H       | 100         | 25         | 059       |          |          |
| M39x2                                        | 6H       | 125         | 40         | 060       |          |          |
| M39x3                                        | 6H       | 125         | 40         | 061       |          |          |
| M40x1.5                                      | 6H       | 110         | 25         | 062       |          |          |
| M40x2                                        | 6H       | 125         | 40         | 063       |          |          |
| M42x1.5                                      | 6H       | 110         | 25         | 064       |          |          |
| M42x2                                        | 6H       | 125         | 40         | 065       |          |          |
| M42x3                                        | 6H       | 125         | 40         | 066       |          |          |
| M45x1.5                                      | 6H       | 110         | 25         | 067       |          |          |
| M45x2                                        | 6H       | 125         | 40         | 068       |          |          |
| M45x3                                        | 6H       | 125         | 40         | 069       |          |          |
| M48x1.5                                      | 6H       | 140         | 40         | 070       |          |          |
| M48x2                                        | 6H       | 140         | 40         | 071       |          |          |
| M48x3                                        | 6H       | 140         | 40         | 072       |          |          |
| M50x1.5                                      | 6H       | 140         | 40         | 073       |          |          |
| M52x1.5                                      | 6H       | 140         | 40         | 074       |          |          |
| M52x2                                        | 6H       | 140         | 40         | 075       |          |          |
| M52x3                                        | 6H       | 140         | 40         | 076       |          |          |
|                                              |          |             |            |           |          |          |
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Available on request as special manufacture

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DIN376 M Straight Flute

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN  
Available on request as special manufacture



|           |       |             | Class Code<br>Geometry<br>Chamfer<br>Coating | TDHMC     |     |          |
|-----------|-------|-------------|----------------------------------------------|-----------|-----|----------|
|           |       |             |                                              | Straight  |     |          |
|           |       |             |                                              | Plug      |     |          |
|           |       |             |                                              | Uncoated  |     |          |
| Size      | Limit | Overall Len | Thread Len                                   | Size Code | Moq | Price \$ |
| M1.6x0.35 | 6H    | 40          | 8                                            | 001       |     |          |
| M1.8x0.35 | 6H    | 40          | 8                                            | 002       |     |          |
| M2x0.4    | 6H    | 45          | 8                                            | 003       |     |          |
| M2.2x0.45 | 6H    | 45          | 9                                            | 004       |     |          |
| M2.5x0.45 | 6H    | 50          | 9                                            | 005       |     |          |
| M3x0.5    | 6H    | 56          | 11                                           | 006       |     |          |
| M3.5x0.6  | 6H    | 56          | 13                                           | 007       |     |          |
| M4x0.7    | 6H    | 63          | 13                                           | 008       |     |          |
| M4.5x0.75 | 6H    | 70          | 16                                           | 009       |     |          |
| M5x0.8    | 6H    | 70          | 16                                           | 010       |     |          |
| M6x1      | 6H    | 80          | 19                                           | 011       |     |          |
| M7x1      | 6H    | 80          | 19                                           | 012       |     |          |
| M8x1.25   | 6H    | 90          | 22                                           | 013       |     |          |
| M9x1.25   | 6H    | 90          | 22                                           | 014       |     |          |
| M10x1.5   | 6H    | 100         | 24                                           | 015       |     |          |
| M11x1.5   | 6H    | 100         | 24                                           | 016       |     |          |
| M12x1.75  | 6H    | 110         | 29                                           | 017       |     |          |
| M14x2     | 6H    | 110         | 30                                           | 018       |     |          |
| M16x2     | 6H    | 110         | 32                                           | 019       |     |          |
| M18x2.5   | 6H    | 125         | 34                                           | 020       |     |          |
| M20x2.5   | 6H    | 140         | 34                                           | 021       |     |          |
| M22x2.5   | 6H    | 140         | 34                                           | 022       |     |          |
| M24x3     | 6H    | 160         | 38                                           | 023       |     |          |
| M27x3     | 6H    | 160         | 38                                           | 024       |     |          |
| M30x3.5   | 6H    | 180         | 45                                           | 025       |     |          |
| M33x3.5   | 6H    | 180         | 50                                           | 026       |     |          |
| M36x4     | 6H    | 200         | 56                                           | 027       |     |          |
| M39x4     | 6H    | 200         | 60                                           | 028       |     |          |
| M42x4.5   | 6H    | 200         | 60                                           | 029       |     |          |
| M45x4.5   | 6H    | 220         | 65                                           | 030       |     |          |
| M48x5     | 6H    | 250         | 70                                           | 031       |     |          |
| M52X5     | 6H    | 250         | 70                                           | 032       |     |          |
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Available on request as special manufacture





Available on request as special manufacture





Available on request as special manufacture



DIN376 M Spiral Flute

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN  
Available on request as special manufacture



|           |       |             | Class Code<br>Geometry<br>Chamfer<br>Coating | TDSMC      |     |          |
|-----------|-------|-------------|----------------------------------------------|------------|-----|----------|
|           |       |             |                                              | Spiral R35 |     |          |
|           |       |             |                                              | Plug       |     |          |
|           |       |             |                                              | Uncoated   |     |          |
| Size      | Limit | Overall Len | Thread Len                                   | Size Code  | Moq | Price \$ |
| M1.6x0.35 | 6H    | 40          | 8                                            | 001        |     |          |
| M1.8x0.35 | 6H    | 40          | 8                                            | 002        |     |          |
| M2x0.4    | 6H    | 45          | 8                                            | 003        |     |          |
| M2.2x0.45 | 6H    | 45          | 9                                            | 004        |     |          |
| M2.5x0.45 | 6H    | 50          | 9                                            | 005        |     |          |
| M3x0.5    | 6H    | 56          | 11                                           | 006        |     |          |
| M3.5x0.6  | 6H    | 56          | 13                                           | 007        |     |          |
| M4x0.7    | 6H    | 63          | 13                                           | 008        |     |          |
| M4.5x0.75 | 6H    | 70          | 16                                           | 009        |     |          |
| M5x0.8    | 6H    | 70          | 16                                           | 010        |     |          |
| M6x1      | 6H    | 80          | 19                                           | 011        |     |          |
| M7x1      | 6H    | 80          | 19                                           | 012        |     |          |
| M8x1.25   | 6H    | 90          | 22                                           | 013        |     |          |
| M9x1.25   | 6H    | 90          | 22                                           | 014        |     |          |
| M10x1.5   | 6H    | 100         | 24                                           | 015        |     |          |
| M11x1.5   | 6H    | 100         | 24                                           | 016        |     |          |
| M12x1.75  | 6H    | 110         | 29                                           | 017        |     |          |
| M14x2     | 6H    | 110         | 30                                           | 018        |     |          |
| M16x2     | 6H    | 110         | 32                                           | 019        |     |          |
| M18x2.5   | 6H    | 125         | 34                                           | 020        |     |          |
| M20x2.5   | 6H    | 140         | 34                                           | 021        |     |          |
| M22x2.5   | 6H    | 140         | 34                                           | 022        |     |          |
| M24x3     | 6H    | 160         | 38                                           | 023        |     |          |
| M27x3     | 6H    | 160         | 38                                           | 024        |     |          |
| M30x3.5   | 6H    | 180         | 45                                           | 025        |     |          |
| M33x3.5   | 6H    | 180         | 50                                           | 026        |     |          |
| M36x4     | 6H    | 200         | 56                                           | 027        |     |          |
| M39x4     | 6H    | 200         | 60                                           | 028        |     |          |
| M42x4.5   | 6H    | 200         | 60                                           | 029        |     |          |
| M45x4.5   | 6H    | 220         | 65                                           | 030        |     |          |
| M48x5     | 6H    | 250         | 70                                           | 031        |     |          |
| M52X5     | 6H    | 250         | 70                                           | 032        |     |          |
|           |       |             |                                              |            |     |          |
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Available on request as special manufacture



Available on request as special manufacture



DIN376 M Spiral Point

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN  
Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |             |            | TDPMC        |     |          |
|----------------------------------------------|-------|-------------|------------|--------------|-----|----------|
|                                              |       |             |            | Spiral Point |     |          |
|                                              |       |             |            | Plug         |     |          |
|                                              |       |             |            | Uncoated     |     |          |
| Size                                         | Limit | Overall Len | Thread Len | Size Code    | Moq | Price \$ |
| M1.6x0.35                                    | 6H    | 40          | 8          | 001          |     |          |
| M1.8x0.35                                    | 6H    | 40          | 8          | 002          |     |          |
| M2x0.4                                       | 6H    | 45          | 8          | 003          |     |          |
| M2.2x0.45                                    | 6H    | 45          | 9          | 004          |     |          |
| M2.5x0.45                                    | 6H    | 50          | 9          | 005          |     |          |
| M3x0.5                                       | 6H    | 56          | 11         | 006          |     |          |
| M3.5x0.6                                     | 6H    | 56          | 13         | 007          |     |          |
| M4x0.7                                       | 6H    | 63          | 13         | 008          |     |          |
| M4.5x0.75                                    | 6H    | 70          | 16         | 009          |     |          |
| M5x0.8                                       | 6H    | 70          | 16         | 010          |     |          |
| M6x1                                         | 6H    | 80          | 19         | 011          |     |          |
| M7x1                                         | 6H    | 80          | 19         | 012          |     |          |
| M8x1.25                                      | 6H    | 90          | 22         | 013          |     |          |
| M9x1.25                                      | 6H    | 90          | 22         | 014          |     |          |
| M10x1.5                                      | 6H    | 100         | 24         | 015          |     |          |
| M11x1.5                                      | 6H    | 100         | 24         | 016          |     |          |
| M12x1.75                                     | 6H    | 110         | 29         | 017          |     |          |
| M14x2                                        | 6H    | 110         | 30         | 018          |     |          |
| M16x2                                        | 6H    | 110         | 32         | 019          |     |          |
| M18x2.5                                      | 6H    | 125         | 34         | 020          |     |          |
| M20x2.5                                      | 6H    | 140         | 34         | 021          |     |          |
| M22x2.5                                      | 6H    | 140         | 34         | 022          |     |          |
| M24x3                                        | 6H    | 160         | 38         | 023          |     |          |
| M27x3                                        | 6H    | 160         | 38         | 024          |     |          |
| M30x3.5                                      | 6H    | 180         | 45         | 025          |     |          |
| M33x3.5                                      | 6H    | 180         | 50         | 026          |     |          |
| M36x4                                        | 6H    | 200         | 56         | 027          |     |          |
| M39x4                                        | 6H    | 200         | 60         | 028          |     |          |
| M42x4.5                                      | 6H    | 200         | 60         | 029          |     |          |
| M45x4.5                                      | 6H    | 220         | 65         | 030          |     |          |
| M48x5                                        | 6H    | 250         | 70         | 031          |     |          |
| M52X5                                        | 6H    | 250         | 70         | 032          |     |          |
|                                              |       |             |            |              |     |          |
|                                              |       |             |            |              |     |          |
|                                              |       |             |            |              |     |          |
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|                                              |       |             |            |              |     |          |
|                                              |       |             |            |              |     |          |
|                                              |       |             |            |              |     |          |

Available on request as special manufacture



Available on request as special manufacture



## DIN374 MF Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |             |            | TDHMF     |     |          |
|----------------------------------------------|-------|-------------|------------|-----------|-----|----------|
|                                              |       |             |            | Straight  |     |          |
|                                              |       |             |            | Plug      |     |          |
|                                              |       |             |            | Uncoated  |     |          |
| Size                                         | Limit | Overall Len | Thread Len | Size Code | Moq | Price \$ |
| M3x0.35                                      | 6H    | 56          | 10         | 001       |     |          |
| M3.5x0.35                                    | 6H    | 56          | 10         | 002       |     |          |
| M4x0.35                                      | 6H    | 63          | 10         | 003       |     |          |
| M4x0.5                                       | 6H    | 63          | 10         | 004       |     |          |
| M5x0.5                                       | 6H    | 70          | 12         | 005       |     |          |
| M6x0.5                                       | 6H    | 80          | 14         | 006       |     |          |
| M6x0.75                                      | 6H    | 80          | 14         | 007       |     |          |
| M7x0.75                                      | 6H    | 80          | 14         | 008       |     |          |
| M8x0.5                                       | 6H    | 80          | 19         | 009       |     |          |
| M8x0.75                                      | 6H    | 80          | 19         | 010       |     |          |
| M8x1                                         | 6H    | 90          | 22         | 011       |     |          |
| M9x1                                         | 6H    | 90          | 22         | 012       |     |          |
| M10x0.5                                      | 6H    | 90          | 20         | 013       |     |          |
| M10x0.75                                     | 6H    | 90          | 20         | 014       |     |          |
| M10x1                                        | 6H    | 90          | 20         | 015       |     |          |
| M10x1.25                                     | 6H    | 100         | 24         | 016       |     |          |
| M11x1                                        | 6H    | 90          | 20         | 017       |     |          |
| M11x1.5                                      | 6H    | 90          | 20         | 018       |     |          |
| M12x0.75                                     | 6H    | 100         | 22         | 019       |     |          |
| M12x1                                        | 6H    | 100         | 22         | 020       |     |          |
| M12x1.25                                     | 6H    | 100         | 22         | 021       |     |          |
| M12x1.5                                      | 6H    | 100         | 22         | 022       |     |          |
| M13x1                                        | 6H    | 100         | 22         | 023       |     |          |
| M13x1.5                                      | 6H    | 100         | 22         | 024       |     |          |
| M14x0.75                                     | 6H    | 100         | 22         | 025       |     |          |
| M14x1                                        | 6H    | 100         | 22         | 026       |     |          |
| M14x1.25                                     | 6H    | 100         | 22         | 027       |     |          |
| M14x1.5                                      | 6H    | 100         | 22         | 028       |     |          |
| M16x1                                        | 6H    | 100         | 22         | 029       |     |          |
| M16x1.25                                     | 6H    | 100         | 22         | 030       |     |          |
| M16x1.5                                      | 6H    | 100         | 22         | 031       |     |          |
| M18x1                                        | 6H    | 110         | 25         | 032       |     |          |
| M18x1.5                                      | 6H    | 110         | 25         | 033       |     |          |
| M18x2                                        | 6H    | 125         | 34         | 034       |     |          |
| M20x1                                        | 6H    | 125         | 25         | 035       |     |          |
| M20x1.5                                      | 6H    | 125         | 25         | 036       |     |          |
| M20x2                                        | 6H    | 140         | 34         | 037       |     |          |
| M22x1                                        | 6H    | 125         | 25         | 038       |     |          |
| M22x1.5                                      | 6H    | 125         | 25         | 039       |     |          |
| M22x2                                        | 6H    | 140         | 34         | 040       |     |          |
| M24x1                                        | 6H    | 140         | 28         | 041       |     |          |
| M24x1.5                                      | 6H    | 140         | 28         | 042       |     |          |



Available on request as special manufacture





Available on request as special manufacture



## DIN374 MF Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |             |            | TDSMF      |     |          |
|----------------------------------------------|-------|-------------|------------|------------|-----|----------|
|                                              |       |             |            | Spiral R35 |     |          |
|                                              |       |             |            | Plug       |     |          |
|                                              |       |             |            | Uncoated   |     |          |
| Size                                         | Limit | Overall Len | Thread Len | Size Code  | Moq | Price \$ |
| M3x0.35                                      | 6H    | 56          | 10         | 001        |     |          |
| M3.5x0.35                                    | 6H    | 56          | 10         | 002        |     |          |
| M4x0.35                                      | 6H    | 63          | 10         | 003        |     |          |
| M4x0.5                                       | 6H    | 63          | 10         | 004        |     |          |
| M5x0.5                                       | 6H    | 70          | 12         | 005        |     |          |
| M6x0.5                                       | 6H    | 80          | 14         | 006        |     |          |
| M6x0.75                                      | 6H    | 80          | 14         | 007        |     |          |
| M7x0.75                                      | 6H    | 80          | 14         | 008        |     |          |
| M8x0.5                                       | 6H    | 80          | 19         | 009        |     |          |
| M8x0.75                                      | 6H    | 80          | 19         | 010        |     |          |
| M8x1                                         | 6H    | 90          | 22         | 011        |     |          |
| M9x1                                         | 6H    | 90          | 22         | 012        |     |          |
| M10x0.5                                      | 6H    | 90          | 20         | 013        |     |          |
| M10x0.75                                     | 6H    | 90          | 20         | 014        |     |          |
| M10x1                                        | 6H    | 90          | 20         | 015        |     |          |
| M10x1.25                                     | 6H    | 100         | 24         | 016        |     |          |
| M11x1                                        | 6H    | 90          | 20         | 017        |     |          |
| M11x1.5                                      | 6H    | 90          | 20         | 018        |     |          |
| M12x0.75                                     | 6H    | 100         | 22         | 019        |     |          |
| M12x1                                        | 6H    | 100         | 22         | 020        |     |          |
| M12x1.25                                     | 6H    | 100         | 22         | 021        |     |          |
| M12x1.5                                      | 6H    | 100         | 22         | 022        |     |          |
| M13x1                                        | 6H    | 100         | 22         | 023        |     |          |
| M13x1.5                                      | 6H    | 100         | 22         | 024        |     |          |
| M14x0.75                                     | 6H    | 100         | 22         | 025        |     |          |
| M14x1                                        | 6H    | 100         | 22         | 026        |     |          |
| M14x1.25                                     | 6H    | 100         | 22         | 027        |     |          |
| M14x1.5                                      | 6H    | 100         | 22         | 028        |     |          |
| M16x1                                        | 6H    | 100         | 22         | 029        |     |          |
| M16x1.25                                     | 6H    | 100         | 22         | 030        |     |          |
| M16x1.5                                      | 6H    | 100         | 22         | 031        |     |          |
| M18x1                                        | 6H    | 110         | 25         | 032        |     |          |
| M18x1.5                                      | 6H    | 110         | 25         | 033        |     |          |
| M18x2                                        | 6H    | 125         | 34         | 034        |     |          |
| M20x1                                        | 6H    | 125         | 25         | 035        |     |          |
| M20x1.5                                      | 6H    | 125         | 25         | 036        |     |          |
| M20x2                                        | 6H    | 140         | 34         | 037        |     |          |
| M22x1                                        | 6H    | 125         | 25         | 038        |     |          |
| M22x1.5                                      | 6H    | 125         | 25         | 039        |     |          |
| M22x2                                        | 6H    | 140         | 34         | 040        |     |          |
| M24x1                                        | 6H    | 140         | 28         | 041        |     |          |
| M24x1.5                                      | 6H    | 140         | 28         | 042        |     |          |

Available on request as special manufacture



Available on request as special manufacture



## DIN374 MF Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |             |            | TDPMF        |     |          |
|----------------------------------------------|-------|-------------|------------|--------------|-----|----------|
|                                              |       |             |            | Spiral Point |     |          |
|                                              |       |             |            | Plug         |     |          |
|                                              |       |             |            | Uncoated     |     |          |
| Size                                         | Limit | Overall Len | Thread Len | Size Code    | Moq | Price \$ |
| M3x0.35                                      | 6H    | 56          | 10         | 001          |     |          |
| M3.5x0.35                                    | 6H    | 56          | 10         | 002          |     |          |
| M4x0.35                                      | 6H    | 63          | 10         | 003          |     |          |
| M4x0.5                                       | 6H    | 63          | 10         | 004          |     |          |
| M5x0.5                                       | 6H    | 70          | 12         | 005          |     |          |
| M6x0.5                                       | 6H    | 80          | 14         | 006          |     |          |
| M6x0.75                                      | 6H    | 80          | 14         | 007          |     |          |
| M7x0.75                                      | 6H    | 80          | 14         | 008          |     |          |
| M8x0.5                                       | 6H    | 80          | 19         | 009          |     |          |
| M8x0.75                                      | 6H    | 80          | 19         | 010          |     |          |
| M8x1                                         | 6H    | 90          | 22         | 011          |     |          |
| M9x1                                         | 6H    | 90          | 22         | 012          |     |          |
| M10x0.5                                      | 6H    | 90          | 20         | 013          |     |          |
| M10x0.75                                     | 6H    | 90          | 20         | 014          |     |          |
| M10x1                                        | 6H    | 90          | 20         | 015          |     |          |
| M10x1.25                                     | 6H    | 100         | 24         | 016          |     |          |
| M11x1                                        | 6H    | 90          | 20         | 017          |     |          |
| M11x1.5                                      | 6H    | 90          | 20         | 018          |     |          |
| M12x0.75                                     | 6H    | 100         | 22         | 019          |     |          |
| M12x1                                        | 6H    | 100         | 22         | 020          |     |          |
| M12x1.25                                     | 6H    | 100         | 22         | 021          |     |          |
| M12x1.5                                      | 6H    | 100         | 22         | 022          |     |          |
| M13x1                                        | 6H    | 100         | 22         | 023          |     |          |
| M13x1.5                                      | 6H    | 100         | 22         | 024          |     |          |
| M14x0.75                                     | 6H    | 100         | 22         | 025          |     |          |
| M14x1                                        | 6H    | 100         | 22         | 026          |     |          |
| M14x1.25                                     | 6H    | 100         | 22         | 027          |     |          |
| M14x1.5                                      | 6H    | 100         | 22         | 028          |     |          |
| M16x1                                        | 6H    | 100         | 22         | 029          |     |          |
| M16x1.25                                     | 6H    | 100         | 22         | 030          |     |          |
| M16x1.5                                      | 6H    | 100         | 22         | 031          |     |          |
| M18x1                                        | 6H    | 110         | 25         | 032          |     |          |
| M18x1.5                                      | 6H    | 110         | 25         | 033          |     |          |
| M18x2                                        | 6H    | 125         | 34         | 034          |     |          |
| M20x1                                        | 6H    | 125         | 25         | 035          |     |          |
| M20x1.5                                      | 6H    | 125         | 25         | 036          |     |          |
| M20x2                                        | 6H    | 140         | 34         | 037          |     |          |
| M22x1                                        | 6H    | 125         | 25         | 038          |     |          |
| M22x1.5                                      | 6H    | 125         | 25         | 039          |     |          |
| M22x2                                        | 6H    | 140         | 34         | 040          |     |          |
| M24x1                                        | 6H    | 140         | 28         | 041          |     |          |
| M24x1.5                                      | 6H    | 140         | 28         | 042          |     |          |

Available on request as special manufacture





Available on request as special manufacture





Available on request as special manufacture



Available on request as special manufacture



## DIN353 R Straight Pipe

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

# DIN357 M Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## JIS M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TJHM-T      |            | TJHM-P    | TJHM-B   |          | TJHM-S   |  |
|----------------------------------------------|-------------|------------|-----------|----------|----------|----------|--|
|                                              | Straight    |            | Straight  | Straight |          | Straight |  |
|                                              | Taper       |            | Plug      | Bottom   |          | Set      |  |
|                                              | Uncoated    |            | Uncoated  | Uncoated |          | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |          |  |
| M1x0.2                                       | 30          | 6          | 001       |          |          |          |  |
| M1x0.25                                      | 30          | 8          | 002       |          |          |          |  |
| M1.1x0.2                                     | 32          | 6          | 003       |          |          |          |  |
| M1.1x0.25                                    | 32          | 9          | 004       |          |          |          |  |
| M1.2x0.2                                     | 32          | 6          | 005       |          |          |          |  |
| M1.2x0.25                                    | 32          | 9          | 006       |          |          |          |  |
| M1.4x0.2                                     | 34          | 6          | 007       |          |          |          |  |
| M1.4x0.3                                     | 34          | 11         | 008       |          |          |          |  |
| M1.6x0.2                                     | 36          | 6          | 009       |          |          |          |  |
| M1.6x0.35                                    | 36          | 13         | 010       |          |          |          |  |
| M1.7x0.2                                     | 36          | 6          | 011       |          |          |          |  |
| M1.7x0.35                                    | 36          | 13         | 012       |          |          |          |  |
| M1.8x0.2                                     | 36          | 6          | 013       |          |          |          |  |
| M1.8x0.35                                    | 36          | 13         | 014       |          |          |          |  |
| M2x0.25                                      | 40          | 8          | 015       |          |          |          |  |
| M2x0.4                                       | 40          | 15         | 016       |          |          |          |  |
| M2.2x0.25                                    | 42          | 8          | 017       |          |          |          |  |
| M2.2x0.45                                    | 42          | 15         | 018       |          |          |          |  |
| M2.3x0.4                                     | 42          | 15         | 019       |          |          |          |  |
| M2.5x0.35                                    | 44          | 10         | 020       |          |          |          |  |
| M2.5x0.45                                    | 44          | 16         | 021       |          |          |          |  |
| M2.6x0.45                                    | 44          | 16         | 022       |          |          |          |  |
| M3x0.35                                      | 46          | 10         | 023       |          |          |          |  |
| M3x0.5                                       | 46          | 18         | 024       |          |          |          |  |
| M3.5x0.35                                    | 48          | 10         | 025       |          |          |          |  |
| M3.5x0.6                                     | 48          | 18         | 026       |          |          |          |  |
| M4x0.5                                       | 52          | 15         | 027       |          |          |          |  |
| M4x0.7                                       | 52          | 20         | 028       |          |          |          |  |
| M4x0.75                                      | 52          | 20         | 029       |          |          |          |  |
| M4.5x0.5                                     | 52          | 15         | 030       |          |          |          |  |
| M4.5x0.75                                    | 55          | 20         | 031       |          |          |          |  |
| M5x0.5                                       | 52          | 15         | 032       |          |          |          |  |
| M5x0.8                                       | 60          | 22         | 033       |          |          |          |  |
| M5.5x0.5                                     | 52          | 15         | 034       |          |          |          |  |
| M6x0.75                                      | 62          | 20         | 035       |          |          |          |  |
| M6x1                                         | 62          | 24         | 036       |          |          |          |  |
| M7x0.75                                      | 62          | 20         | 037       |          |          |          |  |
| M7x1                                         | 65          | 26         | 038       |          |          |          |  |
| M8x0.75                                      | 62          | 20         | 039       |          |          |          |  |
| M8x1                                         | 70          | 30         | 040       |          |          |          |  |
| M8x1.25                                      | 70          | 30         | 041       |          |          |          |  |
| M9x0.75                                      | 62          | 20         | 042       |          |          |          |  |

## JIS M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TJHM-T      |            | TJHM-P    | TJHM-B   |          | TJHM-S   |  |
|----------------------------------------------|-------------|------------|-----------|----------|----------|----------|--|
|                                              | Straight    |            | Straight  | Straight |          | Straight |  |
|                                              | Taper       |            | Plug      | Bottom   |          | Set      |  |
|                                              | Uncoated    |            | Uncoated  | Uncoated |          | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |          |  |
| M9x1                                         | 70          | 30         | 043       |          |          |          |  |
| M9x1.25                                      | 72          | 30         | 044       |          |          |          |  |
| M10x0.75                                     | 62          | 20         | 045       |          |          |          |  |
| M10x1                                        | 70          | 30         | 046       |          |          |          |  |
| M10x1.25                                     | 75          | 32         | 047       |          |          |          |  |
| M10x1.5                                      | 75          | 32         | 048       |          |          |          |  |
| M11x0.75                                     | 62          | 20         | 049       |          |          |          |  |
| M11x1                                        | 70          | 30         | 050       |          |          |          |  |
| M11x1.5                                      | 80          | 38         | 051       |          |          |          |  |
| M12x1                                        | 70          | 30         | 052       |          |          |          |  |
| M12x1.25                                     | 80          | 38         | 053       |          |          |          |  |
| M12x1.5                                      | 82          | 38         | 054       |          |          |          |  |
| M12x1.75                                     | 82          | 38         | 055       |          |          |          |  |
| M14x1                                        | 70          | 30         | 056       |          |          |          |  |
| M14x1.25                                     | 88          | 42         | 057       |          |          |          |  |
| M14x1.5                                      | 88          | 42         | 058       |          |          |          |  |
| M14x2                                        | 88          | 42         | 059       |          |          |          |  |
| M15x1                                        | 70          | 30         | 060       |          |          |          |  |
| M15x1.5                                      | 90          | 42         | 061       |          |          |          |  |
| M16x1                                        | 75          | 30         | 062       |          |          |          |  |
| M16x1.5                                      | 95          | 45         | 063       |          |          |          |  |
| M16x2                                        | 95          | 45         | 064       |          |          |          |  |
| M17x1                                        | 80          | 30         | 065       |          |          |          |  |
| M17x1.5                                      | 95          | 45         | 066       |          |          |          |  |
| M18x1                                        | 80          | 30         | 067       |          |          |          |  |
| M18x1.25                                     | 95          | 45         | 068       |          |          |          |  |
| M18x1.5                                      | 95          | 45         | 069       |          |          |          |  |
| M18x2                                        | 95          | 45         | 070       |          |          |          |  |
| M18x2.5                                      | 100         | 48         | 071       |          |          |          |  |
| M20x1                                        | 80          | 30         | 072       |          |          |          |  |
| M20x1.5                                      | 95          | 45         | 073       |          |          |          |  |
| M20x2                                        | 95          | 45         | 074       |          |          |          |  |
| M20x2.5                                      | 105         | 50         | 075       |          |          |          |  |
| M22x1                                        | 85          | 30         | 076       |          |          |          |  |
| M22x1.5                                      | 95          | 45         | 077       |          |          |          |  |
| M22x2                                        | 95          | 45         | 078       |          |          |          |  |
| M22x2.5                                      | 115         | 55         | 079       |          |          |          |  |
| M24x1                                        | 90          | 30         | 080       |          |          |          |  |
| M24x1.5                                      | 95          | 45         | 081       |          |          |          |  |
| M24x2                                        | 95          | 45         | 082       |          |          |          |  |
| M24x3                                        | 120         | 58         | 083       |          |          |          |  |
| M25x1                                        | 95          | 30         | 084       |          |          |          |  |

## JIS M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TJHM-T      |            | TJHM-P    |     | TJHM-B   |  | TJHM-S   |  |
|----------------------------------------------|-------------|------------|-----------|-----|----------|--|----------|--|
|                                              | Straight    |            | Straight  |     | Straight |  | Straight |  |
|                                              | Taper       |            | Plug      |     | Bottom   |  | Set      |  |
|                                              | Uncoated    |            | Uncoated  |     | Uncoated |  | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq | Price \$ |  |          |  |
| M25x1.5                                      | 95          | 45         | 085       |     |          |  |          |  |
| M25x2                                        | 95          | 45         | 086       |     |          |  |          |  |
| M26x1.5                                      | 95          | 45         | 087       |     |          |  |          |  |
| M26x3.5                                      | 130         | 62         | 088       |     |          |  |          |  |
| M27X1                                        | 95          | 30         | 089       |     |          |  |          |  |
| M27x1.5                                      | 95          | 45         | 090       |     |          |  |          |  |
| M27x2                                        | 95          | 45         | 091       |     |          |  |          |  |
| M27x3                                        | 130         | 62         | 092       |     |          |  |          |  |
| M28x1                                        | 105         | 30         | 093       |     |          |  |          |  |
| M28x1.5                                      | 105         | 45         | 094       |     |          |  |          |  |
| M28x2                                        | 105         | 45         | 095       |     |          |  |          |  |
| M30x1                                        | 105         | 30         | 096       |     |          |  |          |  |
| M30x1.5                                      | 105         | 45         | 097       |     |          |  |          |  |
| M30x2                                        | 105         | 45         | 098       |     |          |  |          |  |
| M30x3                                        | 135         | 65         | 099       |     |          |  |          |  |
| M30x3.5                                      | 135         | 65         | 100       |     |          |  |          |  |
| M32x1.5                                      | 105         | 45         | 101       |     |          |  |          |  |
| M32x2                                        | 105         | 45         | 102       |     |          |  |          |  |
| M32x3.5                                      | 145         | 70         | 103       |     |          |  |          |  |
| M33x1.5                                      | 110         | 45         | 104       |     |          |  |          |  |
| M33x2                                        | 110         | 45         | 105       |     |          |  |          |  |
| M33x3                                        | 145         | 70         | 106       |     |          |  |          |  |
| M33x3.5                                      | 145         | 70         | 107       |     |          |  |          |  |
| M34x3.5                                      | 145         | 70         | 108       |     |          |  |          |  |
| M35x1.5                                      | 110         | 45         | 109       |     |          |  |          |  |
| M36x1.5                                      | 110         | 45         | 110       |     |          |  |          |  |
| M36x2                                        | 110         | 45         | 111       |     |          |  |          |  |
| M36x3                                        | 155         | 75         | 112       |     |          |  |          |  |
| M36x4                                        | 155         | 75         | 113       |     |          |  |          |  |
| M38x1.5                                      | 115         | 45         | 114       |     |          |  |          |  |
| M39x1.5                                      | 115         | 45         | 115       |     |          |  |          |  |
| M39x2                                        | 115         | 45         | 116       |     |          |  |          |  |
| M39x3                                        | 165         | 80         | 117       |     |          |  |          |  |
| M39x4                                        | 165         | 80         | 118       |     |          |  |          |  |
| M40x1.5                                      | 115         | 45         | 119       |     |          |  |          |  |
| M40x2                                        | 115         | 45         | 120       |     |          |  |          |  |
| M40x3                                        | 165         | 80         | 121       |     |          |  |          |  |
| M42x1.5                                      | 120         | 45         | 122       |     |          |  |          |  |
| M42x2                                        | 120         | 45         | 123       |     |          |  |          |  |
| M42X3                                        | 175         | 80         | 124       |     |          |  |          |  |
| M42x4                                        | 175         | 80         | 125       |     |          |  |          |  |
| M42x4.5                                      | 175         | 85         | 126       |     |          |  |          |  |



Available on request as special manufacture



# JIS UNC UNF Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TJHU-T      |            | TJHU-P   |      | TJHU-B   |          | TJHU-S   |  |
|----------------------------------------------|-------------|------------|----------|------|----------|----------|----------|--|
|                                              | Straight    |            | Straight |      | Straight |          | Straight |  |
|                                              | Taper       |            | Plug     |      | Bottom   |          | Set      |  |
|                                              | Uncoated    |            | Uncoated |      | Uncoated |          | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size     | Code | Moq      | Price \$ |          |  |
| No.0-80                                      | 36          | 13         |          | 001  |          |          |          |  |
| No.1-64                                      | 36          | 13         |          | 002  |          |          |          |  |
| No.1-72                                      | 36          | 13         |          | 003  |          |          |          |  |
| No.2-56                                      | 42          | 15         |          | 004  |          |          |          |  |
| No.2-64                                      | 42          | 15         |          | 005  |          |          |          |  |
| No.3-48                                      | 44          | 16         |          | 006  |          |          |          |  |
| No.3-56                                      | 44          | 16         |          | 007  |          |          |          |  |
| No.4-40                                      | 44          | 16         |          | 008  |          |          |          |  |
| No.4-48                                      | 44          | 16         |          | 009  |          |          |          |  |
| No.5-40                                      | 46          | 18         |          | 010  |          |          |          |  |
| No.5-44                                      | 46          | 18         |          | 011  |          |          |          |  |
| No.6-32                                      | 48          | 18         |          | 012  |          |          |          |  |
| No.6-40                                      | 48          | 18         |          | 013  |          |          |          |  |
| No.8-32                                      | 52          | 20         |          | 014  |          |          |          |  |
| No.8-36                                      | 52          | 20         |          | 015  |          |          |          |  |
| No.10-24                                     | 60          | 22         |          | 016  |          |          |          |  |
| No.10-28                                     | 60          | 22         |          | 017  |          |          |          |  |
| No.12-24                                     | 60          | 22         |          | 018  |          |          |          |  |
| No.12-28                                     | 60          | 22         |          | 019  |          |          |          |  |
| 3/32-48                                      | 44          | 16         |          | 020  |          |          |          |  |
| 5/32-32                                      | 52          | 20         |          | 021  |          |          |          |  |
| 5/32-36                                      | 52          | 20         |          | 022  |          |          |          |  |
| 3/16-24                                      | 60          | 22         |          | 023  |          |          |          |  |
| 3/16-32                                      | 60          | 22         |          | 024  |          |          |          |  |
| 7/32-24                                      | 60          | 22         |          | 025  |          |          |          |  |
| 7/32-28                                      | 60          | 22         |          | 026  |          |          |          |  |
| 1/4-20                                       | 62          | 24         |          | 027  |          |          |          |  |
| 1/4-28                                       | 62          | 24         |          | 028  |          |          |          |  |
| 5/16-18                                      | 70          | 30         |          | 029  |          |          |          |  |
| 5/16-24                                      | 70          | 30         |          | 030  |          |          |          |  |
| 3/8-16                                       | 75          | 35         |          | 031  |          |          |          |  |
| 3/8-24                                       | 75          | 32         |          | 032  |          |          |          |  |
| 7/16-14                                      | 80          | 38         |          | 033  |          |          |          |  |
| 7/16-20                                      | 80          | 38         |          | 034  |          |          |          |  |
| 1/2-13                                       | 85          | 42         |          | 035  |          |          |          |  |
| 1/2-20                                       | 85          | 42         |          | 036  |          |          |          |  |
| 9/16-12                                      | 90          | 42         |          | 037  |          |          |          |  |
| 9/16-18                                      | 90          | 42         |          | 038  |          |          |          |  |
| 5/8-11                                       | 95          | 45         |          | 039  |          |          |          |  |
| 5/8-18                                       | 95          | 45         |          | 040  |          |          |          |  |
| 11/16-11                                     | 95          | 45         |          | 041  |          |          |          |  |
| 11/16-18                                     | 95          | 45         |          | 042  |          |          |          |  |



Available on request as special manufacture



Available on request as special manufacture



## JIS M Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |             |            | Class Code<br>Geometry<br>Chamfer<br>Coating | TJSM       |          |  |
|-----------|-------------|------------|----------------------------------------------|------------|----------|--|
|           |             |            |                                              | Spiral R35 |          |  |
|           |             |            |                                              | Plug       |          |  |
|           |             |            |                                              | Uncoated   |          |  |
| Size      | Overall Len | Thread Len | Size Code                                    | Moq        | Price \$ |  |
| M3x0.35   | 46          | 10         | 001                                          |            |          |  |
| M3x0.5    | 46          | 18         | 002                                          |            |          |  |
| M3.5x0.35 | 48          | 10         | 003                                          |            |          |  |
| M3.5x0.6  | 48          | 18         | 004                                          |            |          |  |
| M4x0.5    | 52          | 15         | 005                                          |            |          |  |
| M4x0.7    | 52          | 20         | 006                                          |            |          |  |
| M4x0.75   | 52          | 20         | 007                                          |            |          |  |
| M4.5x0.5  | 52          | 15         | 008                                          |            |          |  |
| M4.5x0.75 | 55          | 20         | 009                                          |            |          |  |
| M5x0.5    | 52          | 15         | 010                                          |            |          |  |
| M5x0.8    | 60          | 22         | 011                                          |            |          |  |
| M5.5x0.5  | 52          | 15         | 012                                          |            |          |  |
| M6x0.75   | 62          | 20         | 013                                          |            |          |  |
| M6x1      | 62          | 24         | 014                                          |            |          |  |
| M7x0.75   | 62          | 20         | 015                                          |            |          |  |
| M7x1      | 65          | 26         | 016                                          |            |          |  |
| M8x0.75   | 62          | 20         | 017                                          |            |          |  |
| M8x1      | 70          | 30         | 018                                          |            |          |  |
| M8x1.25   | 70          | 30         | 019                                          |            |          |  |
| M9x0.75   | 62          | 20         | 020                                          |            |          |  |
| M9x1      | 70          | 30         | 021                                          |            |          |  |
| M9x1.25   | 72          | 30         | 022                                          |            |          |  |
| M10x0.75  | 62          | 20         | 023                                          |            |          |  |
| M10x1     | 70          | 30         | 024                                          |            |          |  |
| M10x1.25  | 75          | 32         | 025                                          |            |          |  |
| M10x1.5   | 75          | 32         | 026                                          |            |          |  |
| M11x0.75  | 62          | 20         | 027                                          |            |          |  |
| M11x1     | 70          | 30         | 028                                          |            |          |  |
| M11x1.5   | 80          | 38         | 029                                          |            |          |  |
| M12x1     | 70          | 30         | 030                                          |            |          |  |
| M12x1.25  | 80          | 38         | 031                                          |            |          |  |
| M12x1.5   | 82          | 38         | 032                                          |            |          |  |
| M12x1.75  | 82          | 38         | 033                                          |            |          |  |
| M14x1     | 70          | 30         | 034                                          |            |          |  |
| M14x1.25  | 88          | 42         | 035                                          |            |          |  |
| M14x1.5   | 88          | 42         | 036                                          |            |          |  |
| M14x2     | 88          | 42         | 037                                          |            |          |  |
| M15x1     | 70          | 30         | 038                                          |            |          |  |
| M15x1.5   | 90          | 42         | 039                                          |            |          |  |
| M16x1     | 75          | 30         | 040                                          |            |          |  |
| M16x1.5   | 95          | 45         | 041                                          |            |          |  |
| M16x2     | 95          | 45         | 042                                          |            |          |  |

## JIS M Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|          |             |            | Class Code | TJSM       |          |  |
|----------|-------------|------------|------------|------------|----------|--|
|          |             |            |            | Spiral R35 |          |  |
|          |             |            |            | Plug       |          |  |
|          |             |            |            | Uncoated   |          |  |
| Size     | Overall Len | Thread Len | Size Code  | Moq        | Price \$ |  |
| M17x1    | 80          | 30         | 043        |            |          |  |
| M17x1.5  | 95          | 45         | 044        |            |          |  |
| M18x1    | 80          | 30         | 045        |            |          |  |
| M18x1.25 | 95          | 45         | 046        |            |          |  |
| M18x1.5  | 95          | 45         | 047        |            |          |  |
| M18x2    | 95          | 45         | 048        |            |          |  |
| M18x2.5  | 100         | 48         | 049        |            |          |  |
| M20x1    | 80          | 30         | 050        |            |          |  |
| M20x1.5  | 95          | 45         | 051        |            |          |  |
| M20x2    | 95          | 45         | 052        |            |          |  |
| M20x2.5  | 105         | 50         | 053        |            |          |  |
| M22x1    | 85          | 30         | 054        |            |          |  |
| M22x1.5  | 95          | 45         | 055        |            |          |  |
| M22x2    | 95          | 45         | 056        |            |          |  |
| M22x2.5  | 115         | 55         | 057        |            |          |  |
| M24x1    | 90          | 30         | 058        |            |          |  |
| M24x1.5  | 95          | 45         | 059        |            |          |  |
| M24x2    | 95          | 45         | 060        |            |          |  |
| M24x3    | 120         | 58         | 061        |            |          |  |
| M25x1    | 95          | 30         | 062        |            |          |  |
| M25x1.5  | 95          | 45         | 063        |            |          |  |
| M25x2    | 95          | 45         | 064        |            |          |  |
| M26x1.5  | 95          | 45         | 065        |            |          |  |
| M26x3.5  | 130         | 62         | 066        |            |          |  |
| M27X1    | 95          | 30         | 067        |            |          |  |
| M27x1.5  | 95          | 45         | 068        |            |          |  |
| M27x2    | 95          | 45         | 069        |            |          |  |
| M27x3    | 130         | 62         | 070        |            |          |  |
| M28x1    | 105         | 30         | 071        |            |          |  |
| M28x1.5  | 105         | 45         | 072        |            |          |  |
| M28x2    | 105         | 45         | 073        |            |          |  |
| M30x1    | 105         | 30         | 074        |            |          |  |
| M30x1.5  | 105         | 45         | 075        |            |          |  |
| M30x2    | 105         | 45         | 076        |            |          |  |
| M30x3    | 135         | 65         | 077        |            |          |  |
| M30x3.5  | 135         | 65         | 078        |            |          |  |
| M32x1.5  | 105         | 45         | 079        |            |          |  |
| M32x2    | 105         | 45         | 080        |            |          |  |
| M32x3.5  | 145         | 70         | 081        |            |          |  |
| M33x1.5  | 110         | 45         | 082        |            |          |  |
| M33x2    | 110         | 45         | 083        |            |          |  |
| M33x3    | 145         | 70         | 084        |            |          |  |

JIS M Spiral Flute

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN,Steam Oxide  
Available on request as special manufacture



|         |             |            | Class Code | TJSM       |          |  |
|---------|-------------|------------|------------|------------|----------|--|
|         |             |            | Geometry   | Spiral R35 |          |  |
|         |             |            | Chamfer    | Plug       |          |  |
|         |             |            | Coating    | Uncoated   |          |  |
| Size    | Overall Len | Thread Len | Size Code  | Moq        | Price \$ |  |
| M33x3.5 | 145         | 70         | 085        |            |          |  |
| M34x3.5 | 145         | 70         | 086        |            |          |  |
| M35x1.5 | 110         | 45         | 087        |            |          |  |
| M36x1.5 | 110         | 45         | 088        |            |          |  |
| M36x2   | 110         | 45         | 089        |            |          |  |
| M36x3   | 155         | 75         | 090        |            |          |  |
| M36x4   | 155         | 75         | 091        |            |          |  |
| M38x1.5 | 115         | 45         | 092        |            |          |  |
| M39x1.5 | 115         | 45         | 093        |            |          |  |
| M39x2   | 115         | 45         | 094        |            |          |  |
| M39x3   | 165         | 80         | 095        |            |          |  |
| M39x4   | 165         | 80         | 096        |            |          |  |
| M40x1.5 | 115         | 45         | 097        |            |          |  |
| M40x2   | 115         | 45         | 098        |            |          |  |
| M40x3   | 165         | 80         | 099        |            |          |  |
| M42x1.5 | 120         | 45         | 100        |            |          |  |
| M42x2   | 120         | 45         | 101        |            |          |  |
| M42x3   | 175         | 80         | 102        |            |          |  |
| M42x4   | 175         | 80         | 103        |            |          |  |
| M42x4.5 | 175         | 85         | 104        |            |          |  |
| M45x1.5 | 120         | 45         | 105        |            |          |  |
| M45x2   | 120         | 45         | 106        |            |          |  |
| M45x3   | 180         | 80         | 107        |            |          |  |
| M45x4   | 180         | 80         | 108        |            |          |  |
| M45x4.5 | 180         | 85         | 109        |            |          |  |
| M48x1.5 | 125         | 45         | 110        |            |          |  |
| M48x2   | 125         | 45         | 111        |            |          |  |
| M48x3   | 180         | 80         | 112        |            |          |  |
| M48x4   | 180         | 80         | 113        |            |          |  |
| M48x5   | 185         | 90         | 114        |            |          |  |
| M50x1.5 | 130         | 45         | 115        |            |          |  |
| M50x2   | 130         | 45         | 116        |            |          |  |
| M50x3   | 180         | 80         | 117        |            |          |  |
|         |             |            |            |            |          |  |
|         |             |            |            |            |          |  |
|         |             |            |            |            |          |  |
|         |             |            |            |            |          |  |
|         |             |            |            |            |          |  |
|         |             |            |            |            |          |  |

## JIS UNC UNF Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|          |             |            | Class Code | TJSU       |          |  |
|----------|-------------|------------|------------|------------|----------|--|
|          |             |            |            | Spiral R35 |          |  |
|          |             |            |            | Plug       |          |  |
|          |             |            |            | Uncoated   |          |  |
|          |             |            | Geometry   |            |          |  |
|          |             |            | Chamfer    |            |          |  |
|          |             |            | Coating    |            |          |  |
| Size     | Overall Len | Thread Len | Size Code  | Moq        | Price \$ |  |
| No.4-40  | 44          | 16         | 001        |            |          |  |
| No.4-48  | 44          | 16         | 002        |            |          |  |
| No.5-40  | 46          | 18         | 003        |            |          |  |
| No.5-44  | 46          | 18         | 004        |            |          |  |
| No.6-32  | 48          | 18         | 005        |            |          |  |
| No.6-40  | 48          | 18         | 006        |            |          |  |
| No.8-32  | 52          | 20         | 007        |            |          |  |
| No.8-36  | 52          | 20         | 008        |            |          |  |
| No.10-24 | 60          | 22         | 009        |            |          |  |
| No.10-28 | 60          | 22         | 010        |            |          |  |
| No.12-24 | 60          | 22         | 011        |            |          |  |
| No.12-28 | 60          | 22         | 012        |            |          |  |
| 3/32-48  | 44          | 16         | 013        |            |          |  |
| 5/32-32  | 52          | 20         | 014        |            |          |  |
| 5/32-36  | 52          | 20         | 015        |            |          |  |
| 3/16-24  | 60          | 22         | 016        |            |          |  |
| 3/16-32  | 60          | 22         | 017        |            |          |  |
| 7/32-24  | 60          | 22         | 018        |            |          |  |
| 7/32-28  | 60          | 22         | 019        |            |          |  |
| 1/4-20   | 62          | 24         | 020        |            |          |  |
| 1/4-28   | 62          | 24         | 021        |            |          |  |
| 5/16-18  | 70          | 30         | 022        |            |          |  |
| 5/16-24  | 70          | 30         | 023        |            |          |  |
| 3/8-16   | 75          | 35         | 024        |            |          |  |
| 3/8-24   | 75          | 32         | 025        |            |          |  |
| 7/16-14  | 80          | 38         | 026        |            |          |  |
| 7/16-20  | 80          | 38         | 027        |            |          |  |
| 1/2-13   | 85          | 42         | 028        |            |          |  |
| 1/2-20   | 85          | 42         | 029        |            |          |  |
| 9/16-12  | 90          | 42         | 030        |            |          |  |
| 9/16-18  | 90          | 42         | 031        |            |          |  |
| 5/8-11   | 95          | 45         | 032        |            |          |  |
| 5/8-18   | 95          | 45         | 033        |            |          |  |
| 11/16-11 | 95          | 45         | 034        |            |          |  |
| 11/16-18 | 95          | 45         | 035        |            |          |  |
| 3/4-10   | 105         | 50         | 036        |            |          |  |
| 3/4-16   | 95          | 45         | 037        |            |          |  |
| 7/8-9    | 115         | 55         | 038        |            |          |  |
| 7/8-14   | 95          | 45         | 039        |            |          |  |
| 1-8      | 125         | 60         | 040        |            |          |  |
| 1-12     | 95          | 45         | 041        |            |          |  |
| 1-14     | 95          | 45         | 042        |            |          |  |

Available on request as special manufacture



Available on request as special manufacture



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |             |            | Class Code | TJPM         |          |  |
|-----------|-------------|------------|------------|--------------|----------|--|
|           |             |            | Geometry   | Spiral Point |          |  |
|           |             |            | Chamfer    | Plug         |          |  |
|           |             |            | Coating    | Uncoated     |          |  |
| Size      | Overall Len | Thread Len | Size Code  | Moq          | Price \$ |  |
| M3x0.35   | 46          | 10         | 001        |              |          |  |
| M3x0.5    | 46          | 18         | 002        |              |          |  |
| M3.5x0.35 | 48          | 10         | 003        |              |          |  |
| M3.5x0.6  | 48          | 18         | 004        |              |          |  |
| M4x0.5    | 52          | 15         | 005        |              |          |  |
| M4x0.7    | 52          | 20         | 006        |              |          |  |
| M4x0.75   | 52          | 20         | 007        |              |          |  |
| M4.5x0.5  | 52          | 15         | 008        |              |          |  |
| M4.5x0.75 | 55          | 20         | 009        |              |          |  |
| M5x0.5    | 52          | 15         | 010        |              |          |  |
| M5x0.8    | 60          | 22         | 011        |              |          |  |
| M5.5x0.5  | 52          | 15         | 012        |              |          |  |
| M6x0.75   | 62          | 20         | 013        |              |          |  |
| M6x1      | 62          | 24         | 014        |              |          |  |
| M7x0.75   | 62          | 20         | 015        |              |          |  |
| M7x1      | 65          | 26         | 016        |              |          |  |
| M8x0.75   | 62          | 20         | 017        |              |          |  |
| M8x1      | 70          | 30         | 018        |              |          |  |
| M8x1.25   | 70          | 30         | 019        |              |          |  |
| M9x0.75   | 62          | 20         | 020        |              |          |  |
| M9x1      | 70          | 30         | 021        |              |          |  |
| M9x1.25   | 72          | 30         | 022        |              |          |  |
| M10x0.75  | 62          | 20         | 023        |              |          |  |
| M10x1     | 70          | 30         | 024        |              |          |  |
| M10x1.25  | 75          | 32         | 025        |              |          |  |
| M10x1.5   | 75          | 32         | 026        |              |          |  |
| M11x0.75  | 62          | 20         | 027        |              |          |  |
| M11x1     | 70          | 30         | 028        |              |          |  |
| M11x1.5   | 80          | 38         | 029        |              |          |  |
| M12x1     | 70          | 30         | 030        |              |          |  |
| M12x1.25  | 80          | 38         | 031        |              |          |  |
| M12x1.5   | 82          | 38         | 032        |              |          |  |
| M12x1.75  | 82          | 38         | 033        |              |          |  |
| M14x1     | 70          | 30         | 034        |              |          |  |
| M14x1.25  | 88          | 42         | 035        |              |          |  |
| M14x1.5   | 88          | 42         | 036        |              |          |  |
| M14x2     | 88          | 42         | 037        |              |          |  |
| M15x1     | 70          | 30         | 038        |              |          |  |
| M15x1.5   | 90          | 42         | 039        |              |          |  |
| M16x1     | 75          | 30         | 040        |              |          |  |
| M16x1.5   | 95          | 45         | 041        |              |          |  |
| M16x2     | 95          | 45         | 042        |              |          |  |

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|          |             |            | Class Code | TJPM         |          |  |
|----------|-------------|------------|------------|--------------|----------|--|
|          |             |            |            | Spiral Point |          |  |
|          |             |            |            | Plug         |          |  |
|          |             |            |            | Uncoated     |          |  |
|          |             |            | Geometry   |              |          |  |
|          |             |            | Chamfer    |              |          |  |
|          |             |            | Coating    |              |          |  |
| Size     | Overall Len | Thread Len | Size Code  | Moq          | Price \$ |  |
| M17x1    | 80          | 30         | 043        |              |          |  |
| M17x1.5  | 95          | 45         | 044        |              |          |  |
| M18x1    | 80          | 30         | 045        |              |          |  |
| M18x1.25 | 95          | 45         | 046        |              |          |  |
| M18x1.5  | 95          | 45         | 047        |              |          |  |
| M18x2    | 95          | 45         | 048        |              |          |  |
| M18x2.5  | 100         | 48         | 049        |              |          |  |
| M20x1    | 80          | 30         | 050        |              |          |  |
| M20x1.5  | 95          | 45         | 051        |              |          |  |
| M20x2    | 95          | 45         | 052        |              |          |  |
| M20x2.5  | 105         | 50         | 053        |              |          |  |
| M22x1    | 85          | 30         | 054        |              |          |  |
| M22x1.5  | 95          | 45         | 055        |              |          |  |
| M22x2    | 95          | 45         | 056        |              |          |  |
| M22x2.5  | 115         | 55         | 057        |              |          |  |
| M24x1    | 90          | 30         | 058        |              |          |  |
| M24x1.5  | 95          | 45         | 059        |              |          |  |
| M24x2    | 95          | 45         | 060        |              |          |  |
| M24x3    | 120         | 58         | 061        |              |          |  |
| M25x1    | 95          | 30         | 062        |              |          |  |
| M25x1.5  | 95          | 45         | 063        |              |          |  |
| M25x2    | 95          | 45         | 064        |              |          |  |
| M26x1.5  | 95          | 45         | 065        |              |          |  |
| M26x3.5  | 130         | 62         | 066        |              |          |  |
| M27X1    | 95          | 30         | 067        |              |          |  |
| M27x1.5  | 95          | 45         | 068        |              |          |  |
| M27x2    | 95          | 45         | 069        |              |          |  |
| M27x3    | 130         | 62         | 070        |              |          |  |
| M28x1    | 105         | 30         | 071        |              |          |  |
| M28x1.5  | 105         | 45         | 072        |              |          |  |
| M28x2    | 105         | 45         | 073        |              |          |  |
| M30x1    | 105         | 30         | 074        |              |          |  |
| M30x1.5  | 105         | 45         | 075        |              |          |  |
| M30x2    | 105         | 45         | 076        |              |          |  |
| M30x3    | 135         | 65         | 077        |              |          |  |
| M30x3.5  | 135         | 65         | 078        |              |          |  |
| M32x1.5  | 105         | 45         | 079        |              |          |  |
| M32x2    | 105         | 45         | 080        |              |          |  |
| M32x3.5  | 145         | 70         | 081        |              |          |  |
| M33x1.5  | 110         | 45         | 082        |              |          |  |
| M33x2    | 110         | 45         | 083        |              |          |  |
| M33x3    | 145         | 70         | 084        |              |          |  |

# JIS M Spiral Point

Item#=Class Code+Size Code  
Material :M42,M35,M2,4341,4241,Alloy steel  
Coating:TiN,TiCN,TiAlN,Steam Oxide  
Available on request as special manufacture



|         |             |            | Class Code<br>Geometry<br>Chamfer<br>Coating | TJPM         |          |
|---------|-------------|------------|----------------------------------------------|--------------|----------|
|         |             |            |                                              | Spiral Point |          |
|         |             |            |                                              | Plug         |          |
|         |             |            |                                              | Uncoated     |          |
| Size    | Overall Len | Thread Len | Size Code                                    | Moq          | Price \$ |
| M33x3.5 | 145         | 70         | 085                                          |              |          |
| M34x3.5 | 145         | 70         | 086                                          |              |          |
| M35x1.5 | 110         | 45         | 087                                          |              |          |
| M36x1.5 | 110         | 45         | 088                                          |              |          |
| M36x2   | 110         | 45         | 089                                          |              |          |
| M36x3   | 155         | 75         | 090                                          |              |          |
| M36x4   | 155         | 75         | 091                                          |              |          |
| M38x1.5 | 115         | 45         | 092                                          |              |          |
| M39x1.5 | 115         | 45         | 093                                          |              |          |
| M39x2   | 115         | 45         | 094                                          |              |          |
| M39x3   | 165         | 80         | 095                                          |              |          |
| M39x4   | 165         | 80         | 096                                          |              |          |
| M40x1.5 | 115         | 45         | 097                                          |              |          |
| M40x2   | 115         | 45         | 098                                          |              |          |
| M40x3   | 165         | 80         | 099                                          |              |          |
| M42x1.5 | 120         | 45         | 100                                          |              |          |
| M42x2   | 120         | 45         | 101                                          |              |          |
| M42X3   | 175         | 80         | 102                                          |              |          |
| M42x4   | 175         | 80         | 103                                          |              |          |
| M42x4.5 | 175         | 85         | 104                                          |              |          |
| M45x1.5 | 120         | 45         | 105                                          |              |          |
| M45x2   | 120         | 45         | 106                                          |              |          |
| M45x3   | 180         | 80         | 107                                          |              |          |
| M45x4   | 180         | 80         | 108                                          |              |          |
| M45x4.5 | 180         | 85         | 109                                          |              |          |
| M48x1.5 | 125         | 45         | 110                                          |              |          |
| M48x2   | 125         | 45         | 111                                          |              |          |
| M48x3   | 180         | 80         | 112                                          |              |          |
| M48x4   | 180         | 80         | 113                                          |              |          |
| M48x5   | 185         | 90         | 114                                          |              |          |
| M50x1.5 | 130         | 45         | 115                                          |              |          |
| M50x2   | 130         | 45         | 116                                          |              |          |
| M50x3   | 180         | 80         | 117                                          |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |
|         |             |            |                                              |              |          |

## JIS UNC UNF Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|          |             |            | Class Code | TJPU         |          |  |
|----------|-------------|------------|------------|--------------|----------|--|
|          |             |            | Geometry   | Spiral Point |          |  |
|          |             |            | Chamfer    | Plug         |          |  |
|          |             |            | Coating    | Uncoated     |          |  |
| Size     | Overall Len | Thread Len | Size Code  | Moq          | Price \$ |  |
| No.2-56  | 42          | 15         | 001        |              |          |  |
| No.2-64  | 42          | 15         | 002        |              |          |  |
| No.3-48  | 44          | 16         | 003        |              |          |  |
| No.3-56  | 44          | 16         | 004        |              |          |  |
| No.4-40  | 44          | 16         | 005        |              |          |  |
| No.4-48  | 44          | 16         | 006        |              |          |  |
| No.5-40  | 46          | 18         | 007        |              |          |  |
| No.5-44  | 46          | 18         | 008        |              |          |  |
| No.6-32  | 48          | 18         | 009        |              |          |  |
| No.6-40  | 48          | 18         | 010        |              |          |  |
| No.8-32  | 52          | 20         | 011        |              |          |  |
| No.8-36  | 52          | 20         | 012        |              |          |  |
| No.10-24 | 60          | 22         | 013        |              |          |  |
| No.10-28 | 60          | 22         | 014        |              |          |  |
| No.12-24 | 60          | 22         | 015        |              |          |  |
| No.12-28 | 60          | 22         | 016        |              |          |  |
| 3/32-48  | 44          | 16         | 017        |              |          |  |
| 5/32-32  | 52          | 20         | 018        |              |          |  |
| 5/32-36  | 52          | 20         | 019        |              |          |  |
| 3/16-24  | 60          | 22         | 020        |              |          |  |
| 3/16-32  | 60          | 22         | 021        |              |          |  |
| 7/32-24  | 60          | 22         | 022        |              |          |  |
| 7/32-28  | 60          | 22         | 023        |              |          |  |
| 1/4-20   | 62          | 24         | 024        |              |          |  |
| 1/4-28   | 62          | 24         | 025        |              |          |  |
| 5/16-18  | 70          | 30         | 026        |              |          |  |
| 5/16-24  | 70          | 30         | 027        |              |          |  |
| 3/8-16   | 75          | 35         | 028        |              |          |  |
| 3/8-24   | 75          | 32         | 029        |              |          |  |
| 7/16-14  | 80          | 38         | 030        |              |          |  |
| 7/16-20  | 80          | 38         | 031        |              |          |  |
| 1/2-13   | 85          | 42         | 032        |              |          |  |
| 1/2-20   | 85          | 42         | 033        |              |          |  |
| 9/16-12  | 90          | 42         | 034        |              |          |  |
| 9/16-18  | 90          | 42         | 035        |              |          |  |
| 5/8-11   | 95          | 45         | 036        |              |          |  |
| 5/8-18   | 95          | 45         | 037        |              |          |  |
| 11/16-11 | 95          | 45         | 038        |              |          |  |
| 11/16-18 | 95          | 45         | 039        |              |          |  |
| 3/4-10   | 105         | 50         | 040        |              |          |  |
| 3/4-16   | 95          | 45         | 041        |              |          |  |
| 7/8-9    | 115         | 55         | 042        |              |          |  |



Available on request as special manufacture



Available on request as special manufacture



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



| Size      | Overall Len | Thread Len | Size Code | Class Code | Moq | Price \$ |
|-----------|-------------|------------|-----------|------------|-----|----------|
|           |             |            |           | Geometry   |     |          |
|           |             |            |           | Chamfer    |     |          |
|           |             |            |           | Coating    |     |          |
|           |             |            |           | TJFM       |     |          |
|           |             |            |           | Fluteless  |     |          |
|           |             |            |           | Plug       |     |          |
|           |             |            |           | Uncoated   |     |          |
| M3x0.35   | 46          | 10         | 001       |            |     |          |
| M3x0.5    | 46          | 18         | 002       |            |     |          |
| M3.5x0.35 | 48          | 10         | 003       |            |     |          |
| M3.5x0.6  | 48          | 18         | 004       |            |     |          |
| M4x0.5    | 52          | 15         | 005       |            |     |          |
| M4x0.7    | 52          | 20         | 006       |            |     |          |
| M4x0.75   | 52          | 20         | 007       |            |     |          |
| M4.5x0.5  | 52          | 15         | 008       |            |     |          |
| M4.5x0.75 | 55          | 20         | 009       |            |     |          |
| M5x0.5    | 52          | 15         | 010       |            |     |          |
| M5x0.8    | 60          | 22         | 011       |            |     |          |
| M5.5x0.5  | 52          | 15         | 012       |            |     |          |
| M6x0.75   | 62          | 20         | 013       |            |     |          |
| M6x1      | 62          | 24         | 014       |            |     |          |
| M7x0.75   | 62          | 20         | 015       |            |     |          |
| M7x1      | 65          | 26         | 016       |            |     |          |
| M8x0.75   | 62          | 20         | 017       |            |     |          |
| M8x1      | 70          | 30         | 018       |            |     |          |
| M8x1.25   | 70          | 30         | 019       |            |     |          |
| M9x0.75   | 62          | 20         | 020       |            |     |          |
| M9x1      | 70          | 30         | 021       |            |     |          |
| M9x1.25   | 72          | 30         | 022       |            |     |          |
| M10x0.75  | 62          | 20         | 023       |            |     |          |
| M10x1     | 70          | 30         | 024       |            |     |          |
| M10x1.25  | 75          | 32         | 025       |            |     |          |
| M10x1.5   | 75          | 32         | 026       |            |     |          |
| M11x0.75  | 62          | 20         | 027       |            |     |          |
| M11x1     | 70          | 30         | 028       |            |     |          |
| M11x1.5   | 80          | 38         | 029       |            |     |          |
| M12x1     | 70          | 30         | 030       |            |     |          |
| M12x1.25  | 80          | 38         | 031       |            |     |          |
| M12x1.5   | 82          | 38         | 032       |            |     |          |
| M12x1.75  | 82          | 38         | 033       |            |     |          |
| M14x1     | 70          | 30         | 034       |            |     |          |
| M14x1.25  | 88          | 42         | 035       |            |     |          |
| M14x1.5   | 88          | 42         | 036       |            |     |          |
| M14x2     | 88          | 42         | 037       |            |     |          |
| M15x1     | 70          | 30         | 038       |            |     |          |
| M15x1.5   | 90          | 42         | 039       |            |     |          |
| M16x1     | 75          | 30         | 040       |            |     |          |
| M16x1.5   | 95          | 45         | 041       |            |     |          |
| M16x2     | 95          | 45         | 042       |            |     |          |

Available on request as special manufacture



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|          |             |            | Class Code<br>Geometry<br>Chamfer<br>Coating | TJFU      |          |  |
|----------|-------------|------------|----------------------------------------------|-----------|----------|--|
|          |             |            |                                              | Fluteless |          |  |
|          |             |            |                                              | Plug      |          |  |
|          |             |            |                                              | Uncoated  |          |  |
| Size     | Overall Len | Thread Len | Size Code                                    | Moq       | Price \$ |  |
| No.2-56  | 42          | 15         | 001                                          |           |          |  |
| No.2-64  | 42          | 15         | 002                                          |           |          |  |
| No.3-48  | 44          | 16         | 003                                          |           |          |  |
| No.3-56  | 44          | 16         | 004                                          |           |          |  |
| No.4-40  | 44          | 16         | 005                                          |           |          |  |
| No.4-48  | 44          | 16         | 006                                          |           |          |  |
| No.5-40  | 46          | 18         | 007                                          |           |          |  |
| No.5-44  | 46          | 18         | 008                                          |           |          |  |
| No.6-32  | 48          | 18         | 009                                          |           |          |  |
| No.6-40  | 48          | 18         | 010                                          |           |          |  |
| No.8-32  | 52          | 20         | 011                                          |           |          |  |
| No.8-36  | 52          | 20         | 012                                          |           |          |  |
| No.10-24 | 60          | 22         | 013                                          |           |          |  |
| No.10-28 | 60          | 22         | 014                                          |           |          |  |
| No.12-24 | 60          | 22         | 015                                          |           |          |  |
| No.12-28 | 60          | 22         | 016                                          |           |          |  |
| 3/32-48  | 44          | 16         | 017                                          |           |          |  |
| 5/32-32  | 52          | 20         | 018                                          |           |          |  |
| 5/32-36  | 52          | 20         | 019                                          |           |          |  |
| 3/16-24  | 60          | 22         | 020                                          |           |          |  |
| 3/16-32  | 60          | 22         | 021                                          |           |          |  |
| 7/32-24  | 60          | 22         | 022                                          |           |          |  |
| 7/32-28  | 60          | 22         | 023                                          |           |          |  |
| 1/4-20   | 62          | 24         | 024                                          |           |          |  |
| 1/4-28   | 62          | 24         | 025                                          |           |          |  |
| 5/16-18  | 70          | 30         | 026                                          |           |          |  |
| 5/16-24  | 70          | 30         | 027                                          |           |          |  |
| 3/8-16   | 75          | 35         | 028                                          |           |          |  |
| 3/8-24   | 75          | 32         | 029                                          |           |          |  |
| 7/16-14  | 80          | 38         | 030                                          |           |          |  |
| 7/16-20  | 80          | 38         | 031                                          |           |          |  |
| 1/2-13   | 85          | 42         | 032                                          |           |          |  |
| 1/2-20   | 85          | 42         | 033                                          |           |          |  |
| 9/16-12  | 90          | 42         | 034                                          |           |          |  |
| 9/16-18  | 90          | 42         | 035                                          |           |          |  |
| 5/8-11   | 95          | 45         | 036                                          |           |          |  |
| 5/8-18   | 95          | 45         | 037                                          |           |          |  |
| 11/16-11 | 95          | 45         | 038                                          |           |          |  |
| 11/16-18 | 95          | 45         | 039                                          |           |          |  |
| 3/4-10   | 105         | 50         | 040                                          |           |          |  |
| 3/4-16   | 95          | 45         | 041                                          |           |          |  |
| 7/8-9    | 115         | 55         | 042                                          |           |          |  |

Available on request as special manufacture



## JIS M Long Shank Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## JIS M Short Shank Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## JIS PF Straight Pipe

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## JIS PS Straight Pipe

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]



Available on request as special manufacture



## ANSI B94.9 INCH Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | TAHU-T    |          | TAHU-P   |       | TAHU-B   |           | TAHU-S   |          |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|
|            |          | Straight  |          | Straight |       | Straight |           | Straight |          |
|            |          | Taper     |          | Plug     |       | Bottom   |           | Set      |          |
|            |          | Uncoated  |          | Uncoated |       | Uncoated |           | Uncoated |          |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |
| 0-80       | H1       | 1.63      | 0.313    | 0.141    | 0.110 | 2        | 001       |          |          |
| 1-64       | H1       | 1.69      | 0.375    | 0.141    | 0.110 | 2        | 002       |          |          |
| 1-72       | H1       | 1.69      | 0.375    | 0.141    | 0.110 | 2        | 003       |          |          |
| 2-56       | H1       | 1.75      | 0.438    | 0.141    | 0.110 | 3        | 004       |          |          |
| 2-56       | H2       | 1.75      | 0.438    | 0.141    | 0.110 | 3        | 005       |          |          |
| 2-64       | H1       | 1.75      | 0.438    | 0.141    | 0.110 | 3        | 006       |          |          |
| 2-64       | H2       | 1.75      | 0.438    | 0.141    | 0.110 | 3        | 007       |          |          |
| 3-48       | H2       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 008       |          |          |
| 3-56       | H2       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 009       |          |          |
| 4-40       | H2       | 1.88      | 0.563    | 0.141    | 0.110 | 3        | 010       |          |          |
| 4-48       | H2       | 1.88      | 0.563    | 0.141    | 0.110 | 3        | 011       |          |          |
| 5-40       | H2       | 1.94      | 0.625    | 0.141    | 0.110 | 3        | 012       |          |          |
| 5-44       | H2       | 1.94      | 0.625    | 0.141    | 0.110 | 3        | 013       |          |          |
| 6-32       | H1       | 2.00      | 0.688    | 0.141    | 0.110 | 3        | 014       |          |          |
| 6-32       | H2       | 2.00      | 0.688    | 0.141    | 0.110 | 3        | 015       |          |          |
| 6-32       | H3       | 2.00      | 0.688    | 0.141    | 0.110 | 3        | 016       |          |          |
| 6-40       | H2       | 2.00      | 0.688    | 0.141    | 0.110 | 3        | 017       |          |          |
| 8-32       | H2       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 018       |          |          |
| 8-32       | H3       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 019       |          |          |
| 8-36       | H2       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 020       |          |          |
| 10-24      | H2       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 021       |          |          |
| 10-24      | H3       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 022       |          |          |
| 10-32      | H1       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 023       |          |          |
| 10-32      | H2       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 024       |          |          |
| 10-32      | H3       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 025       |          |          |
| 12-24      | H3       | 2.38      | 0.928    | 0.220    | 0.165 | 4        | 026       |          |          |
| 12-28      | H3       | 2.38      | 0.928    | 0.220    | 0.165 | 4        | 027       |          |          |
| 1/4-20     | H1       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 028       |          |          |
| 1/4-20     | H2       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 029       |          |          |
| 1/4-20     | H3       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 030       |          |          |
| 1/4-28     | H3       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 031       |          |          |
| 5/16-18    | H3       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 032       |          |          |
| 5/16-24    | H3       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 033       |          |          |
| 3/8-16     | H3       | 2.94      | 1.250    | 0.381    | 0.286 | 4        | 034       |          |          |
| 3/8-24     | H3       | 2.94      | 1.250    | 0.381    | 0.286 | 4        | 035       |          |          |
| 7/16-14    | H3       | 3.16      | 1.438    | 0.323    | 0.242 | 4        | 036       |          |          |
| 7/16-20    | H3       | 3.16      | 1.438    | 0.323    | 0.242 | 4        | 037       |          |          |
| 1/2-13     | H3       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 038       |          |          |
| 1/2-20     | H3       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 039       |          |          |
| 9/16-12    | H3       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 040       |          |          |
| 9/16-18    | H3       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 041       |          |          |
| 5/8-11     | H3       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 042       |          |          |



Available on request as special manufacture

## ANSI B94.9 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | Chamfer   | Coating  | TAHM-T   |       | TAHM-P   |           | TAHM-B   |          | TAHM-S   |  |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|----------|--|
|            |          |           |          | Straight |       | Straight |           | Straight |          | Straight |  |
|            |          |           |          | Taper    |       | Plug     |           | Bottom   |          | Set      |  |
|            |          |           |          | Uncoated |       | Uncoated |           | Uncoated |          | Uncoated |  |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |          |  |
| M2x0.35    | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 001       |          |          |          |  |
| M2x0.4     | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 002       |          |          |          |  |
| M2x0.45    | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 003       |          |          |          |  |
| M2.2x0.25  | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 004       |          |          |          |  |
| M2.2x0.45  | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 005       |          |          |          |  |
| M2.3x0.4   | D3       | 1.75      | 0.437    | 0.141    | 0.110 | 3        | 006       |          |          |          |  |
| M2.5x0.35  | D3       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 007       |          |          |          |  |
| M2.5x0.45  | D3       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 008       |          |          |          |  |
| M2.5x0.5   | D3       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 009       |          |          |          |  |
| M2.6x0.45  | D3       | 1.81      | 0.500    | 0.141    | 0.110 | 3        | 010       |          |          |          |  |
| M3x0.35    | D3       | 1.94      | 0.625    | 0.141    | 0.110 | 3        | 011       |          |          |          |  |
| M3x0.5     | D3       | 1.94      | 0.625    | 0.141    | 0.110 | 3        | 012       |          |          |          |  |
| M3x0.6     | D4       | 1.94      | 0.625    | 0.141    | 0.110 | 3        | 013       |          |          |          |  |
| M3.5x0.35  | D3       | 2.00      | 0.687    | 0.187    | 0.110 | 3        | 014       |          |          |          |  |
| M3.5x0.6   | D4       | 2.00      | 0.687    | 0.187    | 0.110 | 3        | 015       |          |          |          |  |
| M4x0.35    | D3       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 016       |          |          |          |  |
| M4x0.5     | D3       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 017       |          |          |          |  |
| M4x0.7     | D4       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 018       |          |          |          |  |
| M4x0.75    | D4       | 2.13      | 0.750    | 0.168    | 0.131 | 4        | 019       |          |          |          |  |
| M4.5x0.5   | D3       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 020       |          |          |          |  |
| M4.5x0.7   | D4       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 021       |          |          |          |  |
| M4.5x0.75  | D4       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 022       |          |          |          |  |
| M5x0.5     | D3       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 023       |          |          |          |  |
| M5x0.75    | D4       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 024       |          |          |          |  |
| M5x0.8     | D4       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 025       |          |          |          |  |
| M5x0.9     | D4       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 026       |          |          |          |  |
| M5x1       | D5       | 2.38      | 0.875    | 0.194    | 0.152 | 4        | 027       |          |          |          |  |
| M5.5x0.5   | D3       | 2.38      | 0.937    | 0.220    | 0.165 | 4        | 028       |          |          |          |  |
| M5.5x0.9   | D4       | 2.38      | 0.937    | 0.220    | 0.165 | 4        | 029       |          |          |          |  |
| M6x0.5     | D3       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 030       |          |          |          |  |
| M6x0.75    | D4       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 031       |          |          |          |  |
| M6x1       | D5       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 032       |          |          |          |  |
| M6x1.25    | D5       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 033       |          |          |          |  |
| M6.3x1     | D5       | 2.50      | 1.000    | 0.255    | 0.191 | 4        | 034       |          |          |          |  |
| M7x0.5     | D3       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 035       |          |          |          |  |
| M7x0.75    | D4       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 036       |          |          |          |  |
| M7x1       | D5       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 037       |          |          |          |  |
| M7x1.25    | D5       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 038       |          |          |          |  |
| M8x0.5     | D3       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 039       |          |          |          |  |
| M8x0.75    | D4       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 040       |          |          |          |  |
| M8x1       | D5       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 041       |          |          |          |  |
| M8x1.25    | D5       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 042       |          |          |          |  |

## ANSI B94.9 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | Chamfer   | Coating  | TAHM-T   |       | TAHM-P   |           | TAHM-B   |          | TAHM-S   |  |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|----------|--|
|            |          |           |          | Straight |       | Straight |           | Straight |          | Straight |  |
|            |          |           |          | Taper    |       | Plug     |           | Bottom   |          | Set      |  |
|            |          |           |          | Uncoated |       | Uncoated |           | Uncoated |          | Uncoated |  |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |          |  |
| M8x1.5     | D6       | 2.72      | 1.125    | 0.318    | 0.238 | 4        | 043       |          |          |          |  |
| M9x0.5     | D3       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 044       |          |          |          |  |
| M9x0.75    | D4       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 045       |          |          |          |  |
| M9x1       | D5       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 046       |          |          |          |  |
| M9x1.25    | D5       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 047       |          |          |          |  |
| M10x0.5    | D3       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 048       |          |          |          |  |
| M10x0.75   | D4       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 049       |          |          |          |  |
| M10x1      | D5       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 050       |          |          |          |  |
| M10x1.25   | D5       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 051       |          |          |          |  |
| M10x1.5    | D6       | 2.94      | 1.125    | 0.381    | 0.286 | 4        | 052       |          |          |          |  |
| M11x0.5    | D3       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 053       |          |          |          |  |
| M11x0.75   | D4       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 054       |          |          |          |  |
| M11x1      | D5       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 055       |          |          |          |  |
| M11x1.25   | D5       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 056       |          |          |          |  |
| M11x1.5    | D6       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 057       |          |          |          |  |
| M11x1.75   | D6       | 3.16      | 1.437    | 0.323    | 0.242 | 4        | 058       |          |          |          |  |
| M12x0.5    | D3       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 059       |          |          |          |  |
| M12x0.75   | D4       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 060       |          |          |          |  |
| M12x1      | D5       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 061       |          |          |          |  |
| M12x1.25   | D5       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 062       |          |          |          |  |
| M12x1.5    | D6       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 063       |          |          |          |  |
| M12x1.75   | D6       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 064       |          |          |          |  |
| M13x0.5    | D3       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 065       |          |          |          |  |
| M13x0.75   | D4       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 066       |          |          |          |  |
| M13x1      | D5       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 067       |          |          |          |  |
| M13x1.25   | D5       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 068       |          |          |          |  |
| M13x1.5    | D6       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 069       |          |          |          |  |
| M13x1.75   | D6       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 070       |          |          |          |  |
| M13x2      | D7       | 3.38      | 1.656    | 0.367    | 0.275 | 4        | 071       |          |          |          |  |
| M14x0.5    | D3       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 072       |          |          |          |  |
| M14x0.75   | D4       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 073       |          |          |          |  |
| M14x1      | D5       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 074       |          |          |          |  |
| M14x1.25   | D5       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 075       |          |          |          |  |
| M14x1.5    | D6       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 076       |          |          |          |  |
| M14x1.75   | D6       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 077       |          |          |          |  |
| M14x2      | D7       | 3.59      | 1.656    | 0.429    | 0.322 | 4        | 078       |          |          |          |  |
| M15x1      | D5       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 079       |          |          |          |  |
| M15x1.25   | D5       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 080       |          |          |          |  |
| M15x1.5    | D6       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 081       |          |          |          |  |
| M15x2      | D7       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 082       |          |          |          |  |
| M16x0.5    | D3       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 083       |          |          |          |  |
| M16x0.75   | D4       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 084       |          |          |          |  |

## ANSI B94.9 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | TAHM-T    |          | TAHM-P   |       | TAHM-B   |           | TAHM-S   |          |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|
|            |          | Straight  |          | Straight |       | Straight |           | Straight |          |
|            |          | Taper     |          | Plug     |       | Bottom   |           | Set      |          |
|            |          | Uncoated  |          | Uncoated |       | Uncoated |           | Uncoated |          |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |
| M16x1      | D5       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 085       |          |          |
| M16x1.25   | D5       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 086       |          |          |
| M16x1.5    | D5       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 087       |          |          |
| M16x1.75   | D6       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 088       |          |          |
| M16x2      | D7       | 3.81      | 1.813    | 0.480    | 0.360 | 4        | 089       |          |          |
| M17x1      | D5       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 090       |          |          |
| M17x1.25   | D5       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 091       |          |          |
| M17x1.5    | D6       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 092       |          |          |
| M17x2      | D7       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 093       |          |          |
| M18x1      | D5       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 094       |          |          |
| M18x1.25   | D5       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 095       |          |          |
| M18x1.5    | D6       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 096       |          |          |
| M18x1.75   | D6       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 097       |          |          |
| M18x2      | D7       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 098       |          |          |
| M18x2.5    | D7       | 4.03      | 1.063    | 0.542    | 0.388 | 4        | 099       |          |          |
| M19x1      | D5       | 4.25      | 2.000    | 0.590    | 0.442 | 4        | 100       |          |          |
| M19x1.5    | D6       | 4.25      | 2.000    | 0.590    | 0.442 | 4        | 101       |          |          |
| M19x2      | D7       | 4.25      | 2.000    | 0.590    | 0.442 | 4        | 102       |          |          |
| M20x1      | D5       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 103       |          |          |
| M20x1.25   | D5       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 104       |          |          |
| M20x1.5    | D6       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 105       |          |          |
| M20x1.75   | D6       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 106       |          |          |
| M20x2      | D7       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 107       |          |          |
| M20x2.5    | D7       | 4.47      | 2.000    | 0.652    | 0.489 | 4        | 108       |          |          |
| M21x1      | D5       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 109       |          |          |
| M21x1.25   | D6       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 110       |          |          |
| M21x2      | D7       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 111       |          |          |
| M22x1      | D5       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 112       |          |          |
| M22x1.25   | D5       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 113       |          |          |
| M22x1.5    | D6       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 114       |          |          |
| M22x1.75   | D6       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 115       |          |          |
| M22x2      | D7       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 116       |          |          |
| M22x2.5    | D7       | 4.69      | 2.219    | 0.697    | 0.523 | 4        | 117       |          |          |
| M24x1      | D5       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 118       |          |          |
| M24x1.25   | D5       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 119       |          |          |
| M24x1.5    | D6       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 120       |          |          |
| M24x2      | D7       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 121       |          |          |
| M24x2.5    | D7       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 122       |          |          |
| M24x3      | D8       | 4.91      | 2.219    | 0.760    | 0.570 | 4        | 123       |          |          |
| M25x1      | D5       | 5.13      | 2.500    | 0.800    | 0.600 | 4        | 124       |          |          |
| M25x1.5    | D6       | 5.13      | 2.500    | 0.800    | 0.600 | 4        | 125       |          |          |
| M25x2      | D7       | 5.13      | 2.500    | 0.800    | 0.600 | 4        | 126       |          |          |

## ANSI B94.9 Metric Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | Chamfer   | Coating  | TAHM-T   |       | TAHM-P   |           | TAHM-B   |          | TAHM-S   |  |
|------------|----------|-----------|----------|----------|-------|----------|-----------|----------|----------|----------|--|
|            |          |           |          | Straight |       | Straight |           | Straight |          | Straight |  |
|            |          |           |          | Taper    |       | Plug     |           | Bottom   |          | Set      |  |
|            |          |           |          | Uncoated |       | Uncoated |           | Uncoated |          | Uncoated |  |
| Size       | Limit    | Overall L | Thread L | Shank D  | □     | z        | Size Code | Moq      | Price \$ |          |  |
| M25x2.5    | D7       | 5.13      | 2.500    | 0.800    | 0.600 | 4        | 127       |          |          |          |  |
| M25x3      | D8       | 5.13      | 2.500    | 0.800    | 0.600 | 4        | 128       |          |          |          |  |
| M26x1.5    | D6       | 5.13      | 2.500    | 0.896    | 0.672 | 4        | 129       |          |          |          |  |
| M26x2      | D7       | 5.13      | 2.500    | 0.896    | 0.672 | 4        | 130       |          |          |          |  |
| M27x1      | D5       | 4.00      | 1.500    | 0.896    | 0.672 | 4        | 131       |          |          |          |  |
| M27x1.5    | D6       | 4.00      | 1.500    | 0.896    | 0.672 | 4        | 132       |          |          |          |  |
| M27x2      | D7       | 5.13      | 2.500    | 0.896    | 0.672 | 4        | 133       |          |          |          |  |
| M27x3      | D8       | 5.13      | 2.500    | 0.896    | 0.672 | 4        | 134       |          |          |          |  |
| M28x1      | D5       | 4.00      | 1.500    | 0.896    | 0.672 | 4        | 135       |          |          |          |  |
| M28x1.5    | D6       | 4.00      | 1.500    | 0.896    | 0.672 | 4        | 136       |          |          |          |  |
| M28x2      | D7       | 5.44      | 2.563    | 0.896    | 0.672 | 4        | 137       |          |          |          |  |
| M28x2.5    | D7       | 5.44      | 2.563    | 0.896    | 0.672 | 4        | 138       |          |          |          |  |
| M30x1      | D5       | 4.00      | 1.500    | 1.021    | 0.766 | 4        | 139       |          |          |          |  |
| M30x1.5    | D6       | 4.00      | 1.500    | 1.021    | 0.766 | 4        | 140       |          |          |          |  |
| M30x2      | D7       | 5.44      | 2.561    | 1.021    | 0.766 | 4        | 141       |          |          |          |  |
| M30x2.5    | D7       | 5.44      | 2.561    | 1.021    | 0.766 | 4        | 142       |          |          |          |  |
| M30x3      | D8       | 5.44      | 2.561    | 1.021    | 0.766 | 4        | 143       |          |          |          |  |
| M30x3.5    | D9       | 5.44      | 2.561    | 1.021    | 0.766 | 4        | 144       |          |          |          |  |
| M32x1.5    | D6       | 4.00      | 1.500    | 1.108    | 0.831 | 4        | 145       |          |          |          |  |
| M32x2      | D7       | 5.75      | 2.563    | 1.108    | 0.831 | 4        | 146       |          |          |          |  |
| M32x3      | D8       | 5.75      | 2.563    | 1.108    | 0.831 | 4        | 147       |          |          |          |  |
| M33x1      | D5       | 4.00      | 1.500    | 1.108    | 0.831 | 4        | 148       |          |          |          |  |
| M33x1.5    | D6       | 4.00      | 1.500    | 1.108    | 0.831 | 4        | 149       |          |          |          |  |
| M33x2      | D7       | 5.75      | 2.563    | 1.108    | 0.831 | 4        | 150       |          |          |          |  |
| M33x3      | D8       | 5.75      | 2.563    | 1.108    | 0.831 | 4        | 151       |          |          |          |  |
| M33x3.5    | D9       | 5.75      | 2.563    | 1.108    | 0.831 | 4        | 152       |          |          |          |  |
| M35x1      | D5       | 4.00      | 1.500    | 1.108    | 0.831 | 4        | 153       |          |          |          |  |
| M35x1.5    | D6       | 4.00      | 1.500    | 1.108    | 0.831 | 4        | 154       |          |          |          |  |
| M35x2      | D7       | 6.06      | 3.000    | 1.108    | 0.831 | 4        | 155       |          |          |          |  |
| M35x3      | D8       | 6.06      | 3.000    | 1.108    | 0.831 | 4        | 156       |          |          |          |  |
| M36x1.5    | D6       | 4.00      | 1.500    | 1.233    | 0.925 | 4        | 157       |          |          |          |  |
| M36x2      | D7       | 4.00      | 1.500    | 1.233    | 0.925 | 4        | 158       |          |          |          |  |
| M36x3      | D8       | 6.06      | 3.000    | 1.233    | 0.925 | 4        | 159       |          |          |          |  |
| M36x4      | D9       | 6.06      | 3.000    | 1.233    | 0.925 | 4        | 160       |          |          |          |  |
| M38x1.5    | D6       | 4.00      | 1.500    | 1.233    | 0.925 | 4        | 161       |          |          |          |  |
| M38x4      | D9       | 6.38      | 3.000    | 1.233    | 0.925 | 4        | 162       |          |          |          |  |
| M39x1.5    | D6       | 5.00      | 2.000    | 1.305    | 0.978 | 4        | 163       |          |          |          |  |
| M39x2      | D7       | 5.00      | 2.000    | 1.305    | 0.978 | 4        | 164       |          |          |          |  |
| M39x3      | D8       | 6.38      | 3.187    | 1.305    | 0.978 | 4        | 165       |          |          |          |  |
| M39x4      | D9       | 6.38      | 3.187    | 1.305    | 0.978 | 4        | 166       |          |          |          |  |
| M40x1.5    | D6       | 5.00      | 2.000    | 1.305    | 0.979 | 6        | 167       |          |          |          |  |
| M40x2      | D7       | 5.00      | 2.000    | 1.305    | 0.979 | 6        | 168       |          |          |          |  |

Available on request as special manufacture

## ANSI B94.9 INCH Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |           |          |         | TASU     |   |           |     |          |
|----------------------------------------------|-------|-----------|----------|---------|----------|---|-----------|-----|----------|
|                                              |       |           |          |         | Spiral   |   |           |     |          |
|                                              |       |           |          |         | Plug     |   |           |     |          |
|                                              |       |           |          |         | Uncoated |   |           |     |          |
| Size                                         | Limit | Overall L | Thread L | Shank D | □        | z | Size Code | Moq | Price \$ |
| 0-80                                         | H1    | 1.63      | 0.313    | 0.141   | 0.110    | 2 | 001       |     |          |
| 1-64                                         | H1    | 1.69      | 0.375    | 0.141   | 0.110    | 2 | 002       |     |          |
| 1-72                                         | H1    | 1.69      | 0.375    | 0.141   | 0.110    | 2 | 003       |     |          |
| 2-56                                         | H1    | 1.75      | 0.438    | 0.141   | 0.110    | 3 | 004       |     |          |
| 2-56                                         | H2    | 1.75      | 0.438    | 0.141   | 0.110    | 3 | 005       |     |          |
| 2-64                                         | H1    | 1.75      | 0.438    | 0.141   | 0.110    | 3 | 006       |     |          |
| 2-64                                         | H2    | 1.75      | 0.438    | 0.141   | 0.110    | 3 | 007       |     |          |
| 3-48                                         | H2    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 008       |     |          |
| 3-56                                         | H2    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 009       |     |          |
| 4-40                                         | H2    | 1.88      | 0.563    | 0.141   | 0.110    | 3 | 010       |     |          |
| 4-48                                         | H2    | 1.88      | 0.563    | 0.141   | 0.110    | 3 | 011       |     |          |
| 5-40                                         | H2    | 1.94      | 0.625    | 0.141   | 0.110    | 3 | 012       |     |          |
| 5-44                                         | H2    | 1.94      | 0.625    | 0.141   | 0.110    | 3 | 013       |     |          |
| 6-32                                         | H1    | 2.00      | 0.688    | 0.141   | 0.110    | 3 | 014       |     |          |
| 6-32                                         | H2    | 2.00      | 0.688    | 0.141   | 0.110    | 3 | 015       |     |          |
| 6-32                                         | H3    | 2.00      | 0.688    | 0.141   | 0.110    | 3 | 016       |     |          |
| 6-40                                         | H2    | 2.00      | 0.688    | 0.141   | 0.110    | 3 | 017       |     |          |
| 8-32                                         | H2    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 018       |     |          |
| 8-32                                         | H3    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 019       |     |          |
| 8-36                                         | H2    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 020       |     |          |
| 10-24                                        | H2    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 021       |     |          |
| 10-24                                        | H3    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 022       |     |          |
| 10-32                                        | H1    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 023       |     |          |
| 10-32                                        | H2    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 024       |     |          |
| 10-32                                        | H3    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 025       |     |          |
| 12-24                                        | H3    | 2.38      | 0.928    | 0.220   | 0.165    | 4 | 026       |     |          |
| 12-28                                        | H3    | 2.38      | 0.928    | 0.220   | 0.165    | 4 | 027       |     |          |
| 1/4-20                                       | H1    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 028       |     |          |
| 1/4-20                                       | H2    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 029       |     |          |
| 1/4-20                                       | H3    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 030       |     |          |
| 1/4-28                                       | H3    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 031       |     |          |
| 5/16-18                                      | H3    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 032       |     |          |
| 5/16-24                                      | H3    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 033       |     |          |
| 3/8-16                                       | H3    | 2.94      | 1.250    | 0.381   | 0.286    | 4 | 034       |     |          |
| 3/8-24                                       | H3    | 2.94      | 1.250    | 0.381   | 0.286    | 4 | 035       |     |          |
| 7/16-14                                      | H3    | 3.16      | 1.438    | 0.323   | 0.242    | 4 | 036       |     |          |
| 7/16-20                                      | H3    | 3.16      | 1.438    | 0.323   | 0.242    | 4 | 037       |     |          |
| 1/2-13                                       | H3    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 038       |     |          |
| 1/2-20                                       | H3    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 039       |     |          |
| 9/16-12                                      | H3    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 040       |     |          |
| 9/16-18                                      | H3    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 041       |     |          |
| 5/8-11                                       | H3    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 042       |     |          |

Available on request as special manufacture



## ANSI B94.9 Metric Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |           |          |         | TASM     |   |           |     |          |
|----------------------------------------------|-------|-----------|----------|---------|----------|---|-----------|-----|----------|
|                                              |       |           |          |         | Spiral   |   |           |     |          |
|                                              |       |           |          |         | Plug     |   |           |     |          |
|                                              |       |           |          |         | Uncoated |   |           |     |          |
| Size                                         | Limit | Overall L | Thread L | Shank D | □        | z | Size Code | Moq | Price \$ |
| M2x0.35                                      | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 001       |     |          |
| M2x0.4                                       | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 002       |     |          |
| M2x0.45                                      | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 003       |     |          |
| M2.2x0.25                                    | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 004       |     |          |
| M2.2x0.45                                    | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 005       |     |          |
| M2.3x0.4                                     | D3    | 1.75      | 0.437    | 0.141   | 0.110    | 3 | 006       |     |          |
| M2.5x0.35                                    | D3    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 007       |     |          |
| M2.5x0.45                                    | D3    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 008       |     |          |
| M2.5x0.5                                     | D3    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 009       |     |          |
| M2.6x0.45                                    | D3    | 1.81      | 0.500    | 0.141   | 0.110    | 3 | 010       |     |          |
| M3x0.35                                      | D3    | 1.94      | 0.625    | 0.141   | 0.110    | 3 | 011       |     |          |
| M3x0.5                                       | D3    | 1.94      | 0.625    | 0.141   | 0.110    | 3 | 012       |     |          |
| M3x0.6                                       | D4    | 1.94      | 0.625    | 0.141   | 0.110    | 3 | 013       |     |          |
| M3.5x0.35                                    | D3    | 2.00      | 0.687    | 0.187   | 0.110    | 3 | 014       |     |          |
| M3.5x0.6                                     | D4    | 2.00      | 0.687    | 0.187   | 0.110    | 3 | 015       |     |          |
| M4x0.35                                      | D3    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 016       |     |          |
| M4x0.5                                       | D3    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 017       |     |          |
| M4x0.7                                       | D4    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 018       |     |          |
| M4x0.75                                      | D4    | 2.13      | 0.750    | 0.168   | 0.131    | 4 | 019       |     |          |
| M4.5x0.5                                     | D3    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 020       |     |          |
| M4.5x0.7                                     | D4    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 021       |     |          |
| M4.5x0.75                                    | D4    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 022       |     |          |
| M5x0.5                                       | D3    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 023       |     |          |
| M5x0.75                                      | D4    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 024       |     |          |
| M5x0.8                                       | D4    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 025       |     |          |
| M5x0.9                                       | D4    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 026       |     |          |
| M5x1                                         | D5    | 2.38      | 0.875    | 0.194   | 0.152    | 4 | 027       |     |          |
| M5.5x0.5                                     | D3    | 2.38      | 0.937    | 0.220   | 0.165    | 4 | 028       |     |          |
| M5.5x0.9                                     | D4    | 2.38      | 0.937    | 0.220   | 0.165    | 4 | 029       |     |          |
| M6x0.5                                       | D3    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 030       |     |          |
| M6x0.75                                      | D4    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 031       |     |          |
| M6x1                                         | D5    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 032       |     |          |
| M6x1.25                                      | D5    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 033       |     |          |
| M6.3x1                                       | D5    | 2.50      | 1.000    | 0.255   | 0.191    | 4 | 034       |     |          |
| M7x0.5                                       | D3    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 035       |     |          |
| M7x0.75                                      | D4    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 036       |     |          |
| M7x1                                         | D5    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 037       |     |          |
| M7x1.25                                      | D5    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 038       |     |          |
| M8x0.5                                       | D3    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 039       |     |          |
| M8x0.75                                      | D4    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 040       |     |          |
| M8x1                                         | D5    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 041       |     |          |
| M8x1.25                                      | D5    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 042       |     |          |

## ANSI B94.9 Metric Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       |           |          |         | TASM     |   |           |     |          |
|----------------------------------------------|-------|-----------|----------|---------|----------|---|-----------|-----|----------|
|                                              |       |           |          |         | Spiral   |   |           |     |          |
|                                              |       |           |          |         | Plug     |   |           |     |          |
|                                              |       |           |          |         | Uncoated |   |           |     |          |
| Size                                         | Limit | Overall L | Thread L | Shank D | □        | z | Size Code | Moq | Price \$ |
| M8x1.5                                       | D6    | 2.72      | 1.125    | 0.318   | 0.238    | 4 | 043       |     |          |
| M9x0.5                                       | D3    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 044       |     |          |
| M9x0.75                                      | D4    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 045       |     |          |
| M9x1                                         | D5    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 046       |     |          |
| M9x1.25                                      | D5    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 047       |     |          |
| M10x0.5                                      | D3    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 048       |     |          |
| M10x0.75                                     | D4    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 049       |     |          |
| M10x1                                        | D5    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 050       |     |          |
| M10x1.25                                     | D5    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 051       |     |          |
| M10x1.5                                      | D6    | 2.94      | 1.125    | 0.381   | 0.286    | 4 | 052       |     |          |
| M11x0.5                                      | D3    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 053       |     |          |
| M11x0.75                                     | D4    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 054       |     |          |
| M11x1                                        | D5    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 055       |     |          |
| M11x1.25                                     | D5    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 056       |     |          |
| M11x1.5                                      | D6    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 057       |     |          |
| M11x1.75                                     | D6    | 3.16      | 1.437    | 0.323   | 0.242    | 4 | 058       |     |          |
| M12x0.5                                      | D3    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 059       |     |          |
| M12x0.75                                     | D4    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 060       |     |          |
| M12x1                                        | D5    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 061       |     |          |
| M12x1.25                                     | D5    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 062       |     |          |
| M12x1.5                                      | D6    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 063       |     |          |
| M12x1.75                                     | D6    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 064       |     |          |
| M13x0.5                                      | D3    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 065       |     |          |
| M13x0.75                                     | D4    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 066       |     |          |
| M13x1                                        | D5    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 067       |     |          |
| M13x1.25                                     | D5    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 068       |     |          |
| M13x1.5                                      | D6    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 069       |     |          |
| M13x1.75                                     | D6    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 070       |     |          |
| M13x2                                        | D7    | 3.38      | 1.656    | 0.367   | 0.275    | 4 | 071       |     |          |
| M14x0.5                                      | D3    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 072       |     |          |
| M14x0.75                                     | D4    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 073       |     |          |
| M14x1                                        | D5    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 074       |     |          |
| M14x1.25                                     | D5    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 075       |     |          |
| M14x1.5                                      | D6    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 076       |     |          |
| M14x1.75                                     | D6    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 077       |     |          |
| M14x2                                        | D7    | 3.59      | 1.656    | 0.429   | 0.322    | 4 | 078       |     |          |
| M15x1                                        | D5    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 079       |     |          |
| M15x1.25                                     | D5    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 080       |     |          |
| M15x1.5                                      | D6    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 081       |     |          |
| M15x2                                        | D7    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 082       |     |          |
| M16x0.5                                      | D3    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 083       |     |          |
| M16x0.75                                     | D4    | 3.81      | 1.813    | 0.480   | 0.360    | 4 | 084       |     |          |

## ANSI B94.9 Metric Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          |       |           |          |         | Class Code |   | TASM      |     |          |
|----------|-------|-----------|----------|---------|------------|---|-----------|-----|----------|
|          |       |           |          |         | Geometry   |   | Spiral    |     |          |
|          |       |           |          |         | Chamfer    |   | Plug      |     |          |
|          |       |           |          |         | Coating    |   | Uncoated  |     |          |
| Size     | Limit | Overall L | Thread L | Shank D | □          | z | Size Code | Moq | Price \$ |
| M16x1    | D5    | 3.81      | 1.813    | 0.480   | 0.360      | 4 | 085       |     |          |
| M16x1.25 | D5    | 3.81      | 1.813    | 0.480   | 0.360      | 4 | 086       |     |          |
| M16x1.5  | D5    | 3.81      | 1.813    | 0.480   | 0.360      | 4 | 087       |     |          |
| M16x1.75 | D6    | 3.81      | 1.813    | 0.480   | 0.360      | 4 | 088       |     |          |
| M16x2    | D7    | 3.81      | 1.813    | 0.480   | 0.360      | 4 | 089       |     |          |
| M17x1    | D5    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 090       |     |          |
| M17x1.25 | D5    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 091       |     |          |
| M17x1.5  | D6    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 092       |     |          |
| M17x2    | D7    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 093       |     |          |
| M18x1    | D5    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 094       |     |          |
| M18x1.25 | D5    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 095       |     |          |
| M18x1.5  | D6    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 096       |     |          |
| M18x1.75 | D6    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 097       |     |          |
| M18x2    | D7    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 098       |     |          |
| M18x2.5  | D7    | 4.03      | 1.063    | 0.542   | 0.388      | 4 | 099       |     |          |
| M19x1    | D5    | 4.25      | 2.000    | 0.590   | 0.442      | 4 | 100       |     |          |
| M19x1.5  | D6    | 4.25      | 2.000    | 0.590   | 0.442      | 4 | 101       |     |          |
| M19x2    | D7    | 4.25      | 2.000    | 0.590   | 0.442      | 4 | 102       |     |          |
| M20x1    | D5    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 103       |     |          |
| M20x1.25 | D5    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 104       |     |          |
| M20x1.5  | D6    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 105       |     |          |
| M20x1.75 | D6    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 106       |     |          |
| M20x2    | D7    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 107       |     |          |
| M20x2.5  | D7    | 4.47      | 2.000    | 0.652   | 0.489      | 4 | 108       |     |          |
| M21x1    | D5    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 109       |     |          |
| M21x1.25 | D6    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 110       |     |          |
| M21x2    | D7    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 111       |     |          |
| M22x1    | D5    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 112       |     |          |
| M22x1.25 | D5    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 113       |     |          |
| M22x1.5  | D6    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 114       |     |          |
| M22x1.75 | D6    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 115       |     |          |
| M22x2    | D7    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 116       |     |          |
| M22x2.5  | D7    | 4.69      | 2.219    | 0.697   | 0.523      | 4 | 117       |     |          |
| M24x1    | D5    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 118       |     |          |
| M24x1.25 | D5    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 119       |     |          |
| M24x1.5  | D6    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 120       |     |          |
| M24x2    | D7    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 121       |     |          |
| M24x2.5  | D7    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 122       |     |          |
| M24x3    | D8    | 4.91      | 2.219    | 0.760   | 0.570      | 4 | 123       |     |          |
| M25x1    | D5    | 5.13      | 2.500    | 0.800   | 0.600      | 4 | 124       |     |          |
| M25x1.5  | D6    | 5.13      | 2.500    | 0.800   | 0.600      | 4 | 125       |     |          |
| M25x2    | D7    | 5.13      | 2.500    | 0.800   | 0.600      | 4 | 126       |     |          |

Available on request as special manufacture



## ANSI B94.9 INCH Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|         |       |           |          |         | Class Code   |   |           |     |          |
|---------|-------|-----------|----------|---------|--------------|---|-----------|-----|----------|
|         |       |           |          |         | Geometry     |   |           |     |          |
|         |       |           |          |         | Chamfer      |   |           |     |          |
|         |       |           |          |         | Coating      |   |           |     |          |
|         |       |           |          |         | TAPU         |   |           |     |          |
|         |       |           |          |         | Spiral Point |   |           |     |          |
|         |       |           |          |         | Plug         |   |           |     |          |
|         |       |           |          |         | Uncoated     |   |           |     |          |
| Size    | Limit | Overall L | Thread L | Shank D | □            | z | Size Code | Moq | Price \$ |
| 0-80    | H1    | 1.63      | 0.313    | 0.141   | 0.110        | 2 | 001       |     |          |
| 1-64    | H1    | 1.69      | 0.375    | 0.141   | 0.110        | 2 | 002       |     |          |
| 1-72    | H1    | 1.69      | 0.375    | 0.141   | 0.110        | 2 | 003       |     |          |
| 2-56    | H1    | 1.75      | 0.438    | 0.141   | 0.110        | 3 | 004       |     |          |
| 2-56    | H2    | 1.75      | 0.438    | 0.141   | 0.110        | 3 | 005       |     |          |
| 2-64    | H1    | 1.75      | 0.438    | 0.141   | 0.110        | 3 | 006       |     |          |
| 2-64    | H2    | 1.75      | 0.438    | 0.141   | 0.110        | 3 | 007       |     |          |
| 3-48    | H2    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 008       |     |          |
| 3-56    | H2    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 009       |     |          |
| 4-40    | H2    | 1.88      | 0.563    | 0.141   | 0.110        | 3 | 010       |     |          |
| 4-48    | H2    | 1.88      | 0.563    | 0.141   | 0.110        | 3 | 011       |     |          |
| 5-40    | H2    | 1.94      | 0.625    | 0.141   | 0.110        | 3 | 012       |     |          |
| 5-44    | H2    | 1.94      | 0.625    | 0.141   | 0.110        | 3 | 013       |     |          |
| 6-32    | H1    | 2.00      | 0.688    | 0.141   | 0.110        | 3 | 014       |     |          |
| 6-32    | H2    | 2.00      | 0.688    | 0.141   | 0.110        | 3 | 015       |     |          |
| 6-32    | H3    | 2.00      | 0.688    | 0.141   | 0.110        | 3 | 016       |     |          |
| 6-40    | H2    | 2.00      | 0.688    | 0.141   | 0.110        | 3 | 017       |     |          |
| 8-32    | H2    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 018       |     |          |
| 8-32    | H3    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 019       |     |          |
| 8-36    | H2    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 020       |     |          |
| 10-24   | H2    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 021       |     |          |
| 10-24   | H3    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 022       |     |          |
| 10-32   | H1    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 023       |     |          |
| 10-32   | H2    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 024       |     |          |
| 10-32   | H3    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 025       |     |          |
| 12-24   | H3    | 2.38      | 0.928    | 0.220   | 0.165        | 4 | 026       |     |          |
| 12-28   | H3    | 2.38      | 0.928    | 0.220   | 0.165        | 4 | 027       |     |          |
| 1/4-20  | H1    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 028       |     |          |
| 1/4-20  | H2    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 029       |     |          |
| 1/4-20  | H3    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 030       |     |          |
| 1/4-28  | H3    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 031       |     |          |
| 5/16-18 | H3    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 032       |     |          |
| 5/16-24 | H3    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 033       |     |          |
| 3/8-16  | H3    | 2.94      | 1.250    | 0.381   | 0.286        | 4 | 034       |     |          |
| 3/8-24  | H3    | 2.94      | 1.250    | 0.381   | 0.286        | 4 | 035       |     |          |
| 7/16-14 | H3    | 3.16      | 1.438    | 0.323   | 0.242        | 4 | 036       |     |          |
| 7/16-20 | H3    | 3.16      | 1.438    | 0.323   | 0.242        | 4 | 037       |     |          |
| 1/2-13  | H3    | 3.38      | 1.656    | 0.367   | 0.275        | 4 | 038       |     |          |
| 1/2-20  | H3    | 3.38      | 1.656    | 0.367   | 0.275        | 4 | 039       |     |          |
| 9/16-12 | H3    | 3.59      | 1.656    | 0.429   | 0.322        | 4 | 040       |     |          |
| 9/16-18 | H3    | 3.59      | 1.656    | 0.429   | 0.322        | 4 | 041       |     |          |
| 5/8-11  | H3    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 042       |     |          |

Available on request as special manufacture



## ANSI B94.9 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|           |       |           |          |         | Class Code   |   |           |     |          |
|-----------|-------|-----------|----------|---------|--------------|---|-----------|-----|----------|
|           |       |           |          |         | Geometry     |   |           |     |          |
|           |       |           |          |         | Chamfer      |   |           |     |          |
|           |       |           |          |         | Coating      |   |           |     |          |
|           |       |           |          |         | TAPM         |   |           |     |          |
|           |       |           |          |         | Spiral Point |   |           |     |          |
|           |       |           |          |         | Plug         |   |           |     |          |
|           |       |           |          |         | Uncoated     |   |           |     |          |
| Size      | Limit | Overall L | Thread L | Shank D | □            | z | Size Code | Moq | Price \$ |
| M2x0.35   | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 001       |     |          |
| M2x0.4    | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 002       |     |          |
| M2x0.45   | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 003       |     |          |
| M2.2x0.25 | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 004       |     |          |
| M2.2x0.45 | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 005       |     |          |
| M2.3x0.4  | D3    | 1.75      | 0.437    | 0.141   | 0.110        | 3 | 006       |     |          |
| M2.5x0.35 | D3    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 007       |     |          |
| M2.5x0.45 | D3    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 008       |     |          |
| M2.5x0.5  | D3    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 009       |     |          |
| M2.6x0.45 | D3    | 1.81      | 0.500    | 0.141   | 0.110        | 3 | 010       |     |          |
| M3x0.35   | D3    | 1.94      | 0.625    | 0.141   | 0.110        | 3 | 011       |     |          |
| M3x0.5    | D3    | 1.94      | 0.625    | 0.141   | 0.110        | 3 | 012       |     |          |
| M3x0.6    | D4    | 1.94      | 0.625    | 0.141   | 0.110        | 3 | 013       |     |          |
| M3.5x0.35 | D3    | 2.00      | 0.687    | 0.187   | 0.110        | 3 | 014       |     |          |
| M3.5x0.6  | D4    | 2.00      | 0.687    | 0.187   | 0.110        | 3 | 015       |     |          |
| M4x0.35   | D3    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 016       |     |          |
| M4x0.5    | D3    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 017       |     |          |
| M4x0.7    | D4    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 018       |     |          |
| M4x0.75   | D4    | 2.13      | 0.750    | 0.168   | 0.131        | 4 | 019       |     |          |
| M4.5x0.5  | D3    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 020       |     |          |
| M4.5x0.7  | D4    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 021       |     |          |
| M4.5x0.75 | D4    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 022       |     |          |
| M5x0.5    | D3    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 023       |     |          |
| M5x0.75   | D4    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 024       |     |          |
| M5x0.8    | D4    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 025       |     |          |
| M5x0.9    | D4    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 026       |     |          |
| M5x1      | D5    | 2.38      | 0.875    | 0.194   | 0.152        | 4 | 027       |     |          |
| M5.5x0.5  | D3    | 2.38      | 0.937    | 0.220   | 0.165        | 4 | 028       |     |          |
| M5.5x0.9  | D4    | 2.38      | 0.937    | 0.220   | 0.165        | 4 | 029       |     |          |
| M6x0.5    | D3    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 030       |     |          |
| M6x0.75   | D4    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 031       |     |          |
| M6x1      | D5    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 032       |     |          |
| M6x1.25   | D5    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 033       |     |          |
| M6.3x1    | D5    | 2.50      | 1.000    | 0.255   | 0.191        | 4 | 034       |     |          |
| M7x0.5    | D3    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 035       |     |          |
| M7x0.75   | D4    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 036       |     |          |
| M7x1      | D5    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 037       |     |          |
| M7x1.25   | D5    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 038       |     |          |
| M8x0.5    | D3    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 039       |     |          |
| M8x0.75   | D4    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 040       |     |          |
| M8x1      | D5    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 041       |     |          |
|           | D5    | 2.72      | 1.125    | 0.318   | 0.238        | 4 | 042       |     |          |

## ANSI B94.9 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          |       |           |          |         | Class Code<br>Geometry<br>Chamfer<br>Coating | TAPM         |           |     |          |
|----------|-------|-----------|----------|---------|----------------------------------------------|--------------|-----------|-----|----------|
|          |       |           |          |         |                                              | Spiral Point |           |     |          |
|          |       |           |          |         |                                              | Plug         |           |     |          |
|          |       |           |          |         |                                              | Uncoated     |           |     |          |
| Size     | Limit | Overall L | Thread L | Shank D | □                                            | z            | Size Code | Moq | Price \$ |
| M8x1.5   | D6    | 2.72      | 1.125    | 0.318   | 0.238                                        | 4            | 043       |     |          |
| M9x0.5   | D3    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 044       |     |          |
| M9x0.75  | D4    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 045       |     |          |
| M9x1     | D5    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 046       |     |          |
| M9x1.25  | D5    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 047       |     |          |
| M10x0.5  | D3    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 048       |     |          |
| M10x0.75 | D4    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 049       |     |          |
| M10x1    | D5    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 050       |     |          |
| M10x1.25 | D5    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 051       |     |          |
| M10x1.5  | D6    | 2.94      | 1.125    | 0.381   | 0.286                                        | 4            | 052       |     |          |
| M11x0.5  | D3    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 053       |     |          |
| M11x0.75 | D4    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 054       |     |          |
| M11x1    | D5    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 055       |     |          |
| M11x1.25 | D5    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 056       |     |          |
| M11x1.5  | D6    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 057       |     |          |
| M11x1.75 | D6    | 3.16      | 1.437    | 0.323   | 0.242                                        | 4            | 058       |     |          |
| M12x0.5  | D3    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 059       |     |          |
| M12x0.75 | D4    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 060       |     |          |
| M12x1    | D5    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 061       |     |          |
| M12x1.25 | D5    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 062       |     |          |
| M12x1.5  | D6    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 063       |     |          |
| M12x1.75 | D6    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 064       |     |          |
| M13x0.5  | D3    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 065       |     |          |
| M13x0.75 | D4    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 066       |     |          |
| M13x1    | D5    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 067       |     |          |
| M13x1.25 | D5    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 068       |     |          |
| M13x1.5  | D6    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 069       |     |          |
| M13x1.75 | D6    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 070       |     |          |
| M13x2    | D7    | 3.38      | 1.656    | 0.367   | 0.275                                        | 4            | 071       |     |          |
| M14x0.5  | D3    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 072       |     |          |
| M14x0.75 | D4    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 073       |     |          |
| M14x1    | D5    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 074       |     |          |
| M14x1.25 | D5    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 075       |     |          |
| M14x1.5  | D6    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 076       |     |          |
| M14x1.75 | D6    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 077       |     |          |
| M14x2    | D7    | 3.59      | 1.656    | 0.429   | 0.322                                        | 4            | 078       |     |          |
| M15x1    | D5    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 079       |     |          |
| M15x1.25 | D5    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 080       |     |          |
| M15x1.5  | D6    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 081       |     |          |
| M15x2    | D7    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 082       |     |          |
| M16x0.5  | D3    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 083       |     |          |
| M16x0.75 | D4    | 3.81      | 1.813    | 0.480   | 0.360                                        | 4            | 084       |     |          |

## ANSI B94.9 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          |       |           |          |         | Class Code   |   |           |     |          |
|----------|-------|-----------|----------|---------|--------------|---|-----------|-----|----------|
|          |       |           |          |         | Geometry     |   |           |     |          |
|          |       |           |          |         | Chamfer      |   |           |     |          |
|          |       |           |          |         | Coating      |   |           |     |          |
|          |       |           |          |         | TAPM         |   |           |     |          |
|          |       |           |          |         | Spiral Point |   |           |     |          |
|          |       |           |          |         | Plug         |   |           |     |          |
|          |       |           |          |         | Uncoated     |   |           |     |          |
| Size     | Limit | Overall L | Thread L | Shank D | □            | z | Size Code | Moq | Price \$ |
| M16x1    | D5    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 085       |     |          |
| M16x1.25 | D5    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 086       |     |          |
| M16x1.5  | D5    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 087       |     |          |
| M16x1.75 | D6    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 088       |     |          |
| M16x2    | D7    | 3.81      | 1.813    | 0.480   | 0.360        | 4 | 089       |     |          |
| M17x1    | D5    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 090       |     |          |
| M17x1.25 | D5    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 091       |     |          |
| M17x1.5  | D6    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 092       |     |          |
| M17x2    | D7    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 093       |     |          |
| M18x1    | D5    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 094       |     |          |
| M18x1.25 | D5    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 095       |     |          |
| M18x1.5  | D6    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 096       |     |          |
| M18x1.75 | D6    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 097       |     |          |
| M18x2    | D7    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 098       |     |          |
| M18x2.5  | D7    | 4.03      | 1.063    | 0.542   | 0.388        | 4 | 099       |     |          |
| M19x1    | D5    | 4.25      | 2.000    | 0.590   | 0.442        | 4 | 100       |     |          |
| M19x1.5  | D6    | 4.25      | 2.000    | 0.590   | 0.442        | 4 | 101       |     |          |
| M19x2    | D7    | 4.25      | 2.000    | 0.590   | 0.442        | 4 | 102       |     |          |
| M20x1    | D5    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 103       |     |          |
| M20x1.25 | D5    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 104       |     |          |
| M20x1.5  | D6    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 105       |     |          |
| M20x1.75 | D6    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 106       |     |          |
| M20x2    | D7    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 107       |     |          |
| M20x2.5  | D7    | 4.47      | 2.000    | 0.652   | 0.489        | 4 | 108       |     |          |
| M21x1    | D5    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 109       |     |          |
| M21x1.25 | D6    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 110       |     |          |
| M21x2    | D7    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 111       |     |          |
| M22x1    | D5    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 112       |     |          |
| M22x1.25 | D5    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 113       |     |          |
| M22x1.5  | D6    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 114       |     |          |
| M22x1.75 | D6    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 115       |     |          |
| M22x2    | D7    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 116       |     |          |
| M22x2.5  | D7    | 4.69      | 2.219    | 0.697   | 0.523        | 4 | 117       |     |          |
| M24x1    | D5    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 118       |     |          |
| M24x1.25 | D5    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 119       |     |          |
| M24x1.5  | D6    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 120       |     |          |
| M24x2    | D7    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 121       |     |          |
| M24x2.5  | D7    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 122       |     |          |
| M24x3    | D8    | 4.91      | 2.219    | 0.760   | 0.570        | 4 | 123       |     |          |
| M25x1    | D5    | 5.13      | 2.500    | 0.800   | 0.600        | 4 | 124       |     |          |
| M25x1.5  | D6    | 5.13      | 2.500    | 0.800   | 0.600        | 4 | 125       |     |          |
| M25x2    | D7    | 5.13      | 2.500    | 0.800   | 0.600        | 4 | 126       |     |          |

## ANSI B94.9 Metric Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|         |       |           |          |         | Class Code   |   |           |     |          |
|---------|-------|-----------|----------|---------|--------------|---|-----------|-----|----------|
|         |       |           |          |         | Geometry     |   |           |     |          |
|         |       |           |          |         | Chamfer      |   |           |     |          |
|         |       |           |          |         | Coating      |   |           |     |          |
|         |       |           |          |         | TAPM         |   |           |     |          |
|         |       |           |          |         | Spiral Point |   |           |     |          |
|         |       |           |          |         | Plug         |   |           |     |          |
|         |       |           |          |         | Uncoated     |   |           |     |          |
| Size    | Limit | Overall L | Thread L | Shank D | □            | z | Size Code | Moq | Price \$ |
| M25x2.5 | D7    | 5.13      | 2.500    | 0.800   | 0.600        | 4 | 127       |     |          |
| M25x3   | D8    | 5.13      | 2.500    | 0.800   | 0.600        | 4 | 128       |     |          |
| M26x1.5 | D6    | 5.13      | 2.500    | 0.896   | 0.672        | 4 | 129       |     |          |
| M26x2   | D7    | 5.13      | 2.500    | 0.896   | 0.672        | 4 | 130       |     |          |
| M27x1   | D5    | 4.00      | 1.500    | 0.896   | 0.672        | 4 | 131       |     |          |
| M27x1.5 | D6    | 4.00      | 1.500    | 0.896   | 0.672        | 4 | 132       |     |          |
| M27x2   | D7    | 5.13      | 2.500    | 0.896   | 0.672        | 4 | 133       |     |          |
| M27x3   | D8    | 5.13      | 2.500    | 0.896   | 0.672        | 4 | 134       |     |          |
| M28x1   | D5    | 4.00      | 1.500    | 0.896   | 0.672        | 4 | 135       |     |          |
| M28x1.5 | D6    | 4.00      | 1.500    | 0.896   | 0.672        | 4 | 136       |     |          |
| M28x2   | D7    | 5.44      | 2.563    | 0.896   | 0.672        | 4 | 137       |     |          |
| M28x2.5 | D7    | 5.44      | 2.563    | 0.896   | 0.672        | 4 | 138       |     |          |
| M30x1   | D5    | 4.00      | 1.500    | 1.021   | 0.766        | 4 | 139       |     |          |
| M30x1.5 | D6    | 4.00      | 1.500    | 1.021   | 0.766        | 4 | 140       |     |          |
| M30x2   | D7    | 5.44      | 2.561    | 1.021   | 0.766        | 4 | 141       |     |          |
| M30x2.5 | D7    | 5.44      | 2.561    | 1.021   | 0.766        | 4 | 142       |     |          |
| M30x3   | D8    | 5.44      | 2.561    | 1.021   | 0.766        | 4 | 143       |     |          |
| M30x3.5 | D9    | 5.44      | 2.561    | 1.021   | 0.766        | 4 | 144       |     |          |
| M32x1.5 | D6    | 4.00      | 1.500    | 1.108   | 0.831        | 4 | 145       |     |          |
| M32x2   | D7    | 5.75      | 2.563    | 1.108   | 0.831        | 4 | 146       |     |          |
| M32x3   | D8    | 5.75      | 2.563    | 1.108   | 0.831        | 4 | 147       |     |          |
| M33x1   | D5    | 4.00      | 1.500    | 1.108   | 0.831        | 4 | 148       |     |          |
| M33x1.5 | D6    | 4.00      | 1.500    | 1.108   | 0.831        | 4 | 149       |     |          |
| M33x2   | D7    | 5.75      | 2.563    | 1.108   | 0.831        | 4 | 150       |     |          |
| M33x3   | D8    | 5.75      | 2.563    | 1.108   | 0.831        | 4 | 151       |     |          |
| M33x3.5 | D9    | 5.75      | 2.563    | 1.108   | 0.831        | 4 | 152       |     |          |
| M35x1   | D5    | 4.00      | 1.500    | 1.108   | 0.831        | 4 | 153       |     |          |
| M35x1.5 | D6    | 4.00      | 1.500    | 1.108   | 0.831        | 4 | 154       |     |          |
| M35x2   | D7    | 6.06      | 3.000    | 1.108   | 0.831        | 4 | 155       |     |          |
| M35x3   | D8    | 6.06      | 3.000    | 1.108   | 0.831        | 4 | 156       |     |          |
| M36x1.5 | D6    | 4.00      | 1.500    | 1.233   | 0.925        | 4 | 157       |     |          |
| M36x2   | D7    | 4.00      | 1.500    | 1.233   | 0.925        | 4 | 158       |     |          |
| M36x3   | D8    | 6.06      | 3.000    | 1.233   | 0.925        | 4 | 159       |     |          |
| M36x4   | D9    | 6.06      | 3.000    | 1.233   | 0.925        | 4 | 160       |     |          |

## ANSI B94.9 Metric Forming

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|           |       |           |          |         | Class Code |   |           |     |          |
|-----------|-------|-----------|----------|---------|------------|---|-----------|-----|----------|
|           |       |           |          |         | Geometry   |   |           |     |          |
|           |       |           |          |         | Chamfer    |   |           |     |          |
|           |       |           |          |         | Coating    |   |           |     |          |
|           |       |           |          |         | TAFM       |   |           |     |          |
|           |       |           |          |         | Fluteness  |   |           |     |          |
|           |       |           |          |         | Plug       |   |           |     |          |
|           |       |           |          |         | Uncoated   |   |           |     |          |
| Size      | Limit | Overall L | Thread L | Shank D | □          | z | Size Code | Moq | Price \$ |
| M3x0.35   | D3    | 1.94      | 0.625    | 0.141   | 0.110      |   | 001       |     |          |
| M3x0.5    | D3    | 1.94      | 0.625    | 0.141   | 0.110      |   | 002       |     |          |
| M3.5x0.35 | D3    | 2.00      | 0.687    | 0.187   | 0.110      |   | 003       |     |          |
| M3.5x0.6  | D4    | 2.00      | 0.687    | 0.187   | 0.110      |   | 004       |     |          |
| M4x0.5    | D3    | 2.13      | 0.750    | 0.168   | 0.131      |   | 005       |     |          |
| M4x0.7    | D4    | 2.13      | 0.750    | 0.168   | 0.131      |   | 006       |     |          |
| M4.5x0.5  | D3    | 2.38      | 0.875    | 0.194   | 0.152      |   | 007       |     |          |
| M4.5x0.7  | D4    | 2.38      | 0.875    | 0.194   | 0.152      |   | 008       |     |          |
| M5x0.5    | D3    | 2.38      | 0.875    | 0.194   | 0.152      |   | 009       |     |          |
| M5x0.8    | D4    | 2.38      | 0.875    | 0.194   | 0.152      |   | 010       |     |          |
| M5x0.9    | D4    | 2.38      | 0.875    | 0.194   | 0.152      |   | 011       |     |          |
| M6x0.5    | D3    | 2.50      | 1.000    | 0.255   | 0.191      |   | 012       |     |          |
| M6x0.75   | D4    | 2.50      | 1.000    | 0.255   | 0.191      |   | 013       |     |          |
| M6x1      | D5    | 2.50      | 1.000    | 0.255   | 0.191      |   | 014       |     |          |
| M6x1.25   | D5    | 2.50      | 1.000    | 0.255   | 0.191      |   | 015       |     |          |
| M7x0.5    | D3    | 2.72      | 1.125    | 0.318   | 0.238      |   | 016       |     |          |
| M7x0.75   | D4    | 2.72      | 1.125    | 0.318   | 0.238      |   | 017       |     |          |
| M7x1      | D5    | 2.72      | 1.125    | 0.318   | 0.238      |   | 018       |     |          |
| M8x0.5    | D3    | 2.72      | 1.125    | 0.318   | 0.238      |   | 019       |     |          |
| M8x0.75   | D4    | 2.72      | 1.125    | 0.318   | 0.238      |   | 020       |     |          |
| M8x1      | D5    | 2.72      | 1.125    | 0.318   | 0.238      |   | 021       |     |          |
| M8x1.25   | D5    | 2.72      | 1.125    | 0.318   | 0.238      |   | 022       |     |          |
| M9x0.5    | D3    | 2.94      | 1.125    | 0.381   | 0.286      |   | 023       |     |          |
| M9x0.75   | D4    | 2.94      | 1.125    | 0.381   | 0.286      |   | 024       |     |          |
| M9x1      | D5    | 2.94      | 1.125    | 0.381   | 0.286      |   | 025       |     |          |
| M9x1.25   | D5    | 2.94      | 1.125    | 0.381   | 0.286      |   | 026       |     |          |
| M10x0.5   | D3    | 2.94      | 1.125    | 0.381   | 0.286      |   | 027       |     |          |
| M10x0.75  | D4    | 2.94      | 1.125    | 0.381   | 0.286      |   | 028       |     |          |
| M10x1     | D5    | 2.94      | 1.125    | 0.381   | 0.286      |   | 029       |     |          |
| M10x1.25  | D5    | 2.94      | 1.125    | 0.381   | 0.286      |   | 030       |     |          |
| M10x1.5   | D6    | 2.94      | 1.125    | 0.381   | 0.286      |   | 031       |     |          |
| M11x0.5   | D3    | 3.16      | 1.437    | 0.323   | 0.242      |   | 032       |     |          |
| M11x0.75  | D4    | 3.16      | 1.437    | 0.323   | 0.242      |   | 033       |     |          |
| M11x1     | D5    | 3.16      | 1.437    | 0.323   | 0.242      |   | 034       |     |          |
| M11x1.25  | D5    | 3.16      | 1.437    | 0.323   | 0.242      |   | 035       |     |          |
| M11x1.5   | D6    | 3.16      | 1.437    | 0.323   | 0.242      |   | 036       |     |          |
| M12x1     | D5    | 3.38      | 1.656    | 0.367   | 0.275      |   | 037       |     |          |
| M12x1.25  | D5    | 3.38      | 1.656    | 0.367   | 0.275      |   | 038       |     |          |
| M12x1.5   | D6    | 3.38      | 1.656    | 0.367   | 0.275      |   | 039       |     |          |
| M12x1.75  | D6    | 3.38      | 1.656    | 0.367   | 0.275      |   | 040       |     |          |
| M14x1     | D5    | 3.59      | 1.656    | 0.429   | 0.322      |   | 041       |     |          |
| M14x1.25  | D5    | 3.59      | 1.656    | 0.429   | 0.322      |   | 042       |     |          |

Available on request as special manufacture



Available on request as special manufacture



## ANSI B94.9 INCH NPT

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## GOST M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TRHM-T      |            | TRHM-P    | TRHM-B   | TRHM-S   |
|----------------------------------------------|-------------|------------|-----------|----------|----------|
|                                              | Straight    | Straight   | Straight  | Straight |          |
|                                              | Taper       | Plug       | Bottom    | Set      |          |
|                                              | Uncoated    | Uncoated   | Uncoated  | Uncoated |          |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| M3x0.35                                      | 48          | 11         | 001       |          |          |
| M3x0.5                                       | 48          | 11         | 002       |          |          |
| M4x0.5                                       | 53          | 13         | 003       |          |          |
| M4x0.7                                       | 53          | 13         | 004       |          |          |
| M5x0.5                                       | 58          | 16         | 005       |          |          |
| M5x0.8                                       | 58          | 16         | 006       |          |          |
| M6x0.5                                       | 66          | 19         | 007       |          |          |
| M6x0.75                                      | 66          | 19         | 008       |          |          |
| M6x1                                         | 66          | 19         | 009       |          |          |
| M8x0.75                                      | 66          | 19         | 010       |          |          |
| M8x1                                         | 69          | 19         | 011       |          |          |
| M8x1.25                                      | 72          | 22         | 012       |          |          |
| M10x0.75                                     | 69          | 19         | 013       |          |          |
| M10x1                                        | 76          | 20         | 014       |          |          |
| M10x1.25                                     | 76          | 20         | 015       |          |          |
| M10x1.5                                      | 80          | 24         | 016       |          |          |
| M12x1                                        | 84          | 24         | 017       |          |          |
| M12x1.25                                     | 84          | 24         | 018       |          |          |
| M12x1.5                                      | 89          | 29         | 019       |          |          |
| M12x1.75                                     | 89          | 29         | 020       |          |          |
| M14x0.5                                      | 80          | 19         | 021       |          |          |
| M14x0.75                                     | 84          | 19         | 022       |          |          |
| M14x1                                        | 84          | 24         | 023       |          |          |
| M14x1.25                                     | 90          | 25         | 024       |          |          |
| M14x1.5                                      | 95          | 30         | 025       |          |          |
| M14x2                                        | 95          | 30         | 026       |          |          |
| M16x0.5                                      | 80          | 19         | 027       |          |          |
| M16x0.75                                     | 90          | 20         | 028       |          |          |
| M16x1                                        | 90          | 29         | 029       |          |          |
| M16x1.5                                      | 102         | 32         | 030       |          |          |
| M16x2                                        | 102         | 32         | 031       |          |          |
| M18x0.5                                      | 80          | 19         | 032       |          |          |
| M18x0.75                                     | 95          | 20         | 033       |          |          |
| M18x1                                        | 95          | 29         | 034       |          |          |
| M18x1.5                                      | 104         | 29         | 035       |          |          |
| M18x2                                        | 112         | 37         | 036       |          |          |
| M18x2.5                                      | 112         | 37         | 037       |          |          |
| M20x0.5                                      | 90          | 20         | 038       |          |          |
| M20x0.75                                     | 102         | 20         | 039       |          |          |
| M20x1                                        | 102         | 29         | 040       |          |          |
| M20x1.5                                      | 104         | 29         | 041       |          |          |
| M20x2                                        | 112         | 37         | 042       |          |          |

## GOST M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TRHM-T      |            | TRHM-P    | TRHM-B   | TRHM-S   |
|----------------------------------------------|-------------|------------|-----------|----------|----------|
|                                              | Straight    | Straight   | Straight  | Straight |          |
|                                              | Taper       | Plug       | Bottom    | Set      |          |
|                                              | Uncoated    | Uncoated   | Uncoated  | Uncoated |          |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |
| M20x2.5                                      | 112         | 37         | 043       |          |          |
| M22x0.5                                      | 90          | 20         | 044       |          |          |
| M22x0.75                                     | 112         | 20         | 045       |          |          |
| M22x1                                        | 112         | 29         | 046       |          |          |
| M22x1.5                                      | 113         | 33         | 047       |          |          |
| M22x2                                        | 118         | 38         | 048       |          |          |
| M22x2.5                                      | 118         | 38         | 049       |          |          |
| M24x0.75                                     | 113         | 25         | 050       |          |          |
| M24x1                                        | 113         | 38         | 051       |          |          |
| M24x1.5                                      | 120         | 35         | 052       |          |          |
| M24x2                                        | 120         | 35         | 053       |          |          |
| M24x3                                        | 130         | 45         | 054       |          |          |
| M27x0.75                                     | 120         | 25         | 055       |          |          |
| M27X1                                        | 120         | 33         | 056       |          |          |
| M27x1.5                                      | 127         | 37         | 057       |          |          |
| M27x2                                        | 127         | 37         | 058       |          |          |
| M27x3                                        | 135         | 45         | 059       |          |          |
| M30x0.75                                     | 120         | 25         | 060       |          |          |
| M30x1                                        | 120         | 33         | 061       |          |          |
| M30x1.5                                      | 127         | 37         | 062       |          |          |
| M30x2                                        | 127         | 37         | 063       |          |          |
| M30x3                                        | 138         | 48         | 064       |          |          |
| M30x3.5                                      | 138         | 48         | 065       |          |          |
| M33x0.75                                     | 130         | 25         | 066       |          |          |
| M33x1                                        | 130         | 32         | 067       |          |          |
| M33x1.5                                      | 137         | 37         | 068       |          |          |
| M33x2                                        | 137         | 37         | 069       |          |          |
| M33x3                                        | 151         | 51         | 070       |          |          |
| M33x3.5                                      | 151         | 51         | 071       |          |          |
| M36x1                                        | 130         | 32         | 072       |          |          |
| M36x1.5                                      | 144         | 39         | 073       |          |          |
| M36x2                                        | 144         | 39         | 074       |          |          |
| M36x3                                        | 162         | 57         | 075       |          |          |
| M36x4                                        | 162         | 57         | 076       |          |          |
| M39x1                                        | 144         | 37         | 077       |          |          |
| M39x1.5                                      | 149         | 39         | 078       |          |          |
| M39x2                                        | 149         | 39         | 079       |          |          |
| M39x3                                        | 170         | 60         | 080       |          |          |
| M39x4                                        | 170         | 60         | 081       |          |          |
| M42x1                                        | 144         | 37         | 082       |          |          |
| M42x1.5                                      | 149         | 39         | 083       |          |          |
| M42x2                                        | 149         | 39         | 084       |          |          |

Available on request as special manufacture



## GB/T3463.1 M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TGHM-T      |            | TGHM-P    | TGHM-B   |          | TGHM-S   |  |
|----------------------------------------------|-------------|------------|-----------|----------|----------|----------|--|
|                                              | Straight    |            | Straight  | Straight |          | Straight |  |
|                                              | Taper       |            | Plug      | Bottom   |          | Set      |  |
|                                              | Uncoated    |            | Uncoated  | Uncoated |          | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |          |  |
| M1x0.2                                       | 38.5        | 5.5        | 001       |          |          |          |  |
| M1x0.25                                      | 38.5        | 5.5        | 002       |          |          |          |  |
| M1.1x0.2                                     | 38.5        | 5.5        | 003       |          |          |          |  |
| M1.1x0.25                                    | 38.5        | 5.5        | 004       |          |          |          |  |
| M1.2x0.2                                     | 38.5        | 5.5        | 005       |          |          |          |  |
| M1.2x0.25                                    | 38.5        | 5.5        | 006       |          |          |          |  |
| M1.4x0.2                                     | 40          | 7          | 007       |          |          |          |  |
| M1.4x0.3                                     | 40          | 7          | 008       |          |          |          |  |
| M1.6x0.2                                     | 41          | 8          | 009       |          |          |          |  |
| M1.6x0.35                                    | 41          | 8          | 010       |          |          |          |  |
| M1.8x0.2                                     | 41          | 8          | 011       |          |          |          |  |
| M1.8x0.35                                    | 41          | 8          | 012       |          |          |          |  |
| M2x0.4                                       | 41          | 8          | 013       |          |          |          |  |
| M2x0.25                                      | 41          | 8          | 014       |          |          |          |  |
| M2.5x0.45                                    | 44.5        | 9.5        | 015       |          |          |          |  |
| M2.5x0.35                                    | 44.5        | 9.5        | 016       |          |          |          |  |
| M3x0.5                                       | 48          | 11         | 017       |          |          |          |  |
| M3x0.35                                      | 48          | 11         | 018       |          |          |          |  |
| M3.5x0.6                                     | 50          | 13         | 019       |          |          |          |  |
| M3.5x0.35                                    | 50          | 13         | 020       |          |          |          |  |
| M4x0.7                                       | 53          | 13         | 021       |          |          |          |  |
| M4x0.5                                       | 53          | 13         | 022       |          |          |          |  |
| M4.5x0.75                                    | 53          | 13         | 023       |          |          |          |  |
| M4.5x0.5                                     | 53          | 13         | 024       |          |          |          |  |
| M5x0.8                                       | 58          | 16         | 025       |          |          |          |  |
| M5x0.5                                       | 58          | 16         | 026       |          |          |          |  |
| M6x1                                         | 66          | 19         | 027       |          |          |          |  |
| M6x0.75                                      | 66          | 19         | 028       |          |          |          |  |
| M6x0.5                                       | 66          | 19         | 029       |          |          |          |  |
| M7x1                                         | 66          | 19         | 030       |          |          |          |  |
| M7x0.75                                      | 66          | 19         | 031       |          |          |          |  |
| M7x0.5                                       | 66          | 19         | 032       |          |          |          |  |
| M8x1.25                                      | 72          | 22         | 033       |          |          |          |  |
| M8x1                                         | 72          | 22         | 034       |          |          |          |  |
| M8x0.75                                      | 66          | 19         | 035       |          |          |          |  |
| M8x0.5                                       | 66          | 19         | 036       |          |          |          |  |
| M10x1.5                                      | 80          | 24         | 037       |          |          |          |  |
| M10x1.25                                     | 80          | 24         | 038       |          |          |          |  |
| M10x1                                        | 80          | 24         | 039       |          |          |          |  |
| M10x0.75                                     | 73          | 20         | 040       |          |          |          |  |
| M12x1.75                                     | 89          | 29         | 041       |          |          |          |  |
| M12x1.5                                      | 89          | 29         | 042       |          |          |          |  |

## GB/T3463.1 M Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TGHM-T      |            | TGHM-P    |     | TGHM-B   |  | TGHM-S   |  |
|----------------------------------------------|-------------|------------|-----------|-----|----------|--|----------|--|
|                                              | Straight    |            | Straight  |     | Straight |  | Straight |  |
|                                              | Taper       |            | Plug      |     | Bottom   |  | Set      |  |
|                                              | Uncoated    |            | Uncoated  |     | Uncoated |  | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq | Price \$ |  |          |  |
| M12x1.25                                     | 89          | 29         | 043       |     |          |  |          |  |
| M12x1                                        | 80          | 22         | 044       |     |          |  |          |  |
| M14x2                                        | 95          | 30         | 045       |     |          |  |          |  |
| M14x1.5                                      | 95          | 30         | 046       |     |          |  |          |  |
| M14x1.25                                     | 95          | 30         | 047       |     |          |  |          |  |
| M14x1                                        | 87          | 22         | 048       |     |          |  |          |  |
| M16x2                                        | 102         | 32         | 049       |     |          |  |          |  |
| M16x1.5                                      | 102         | 32         | 050       |     |          |  |          |  |
| M16x1                                        | 92          | 22         | 051       |     |          |  |          |  |
| M18x2.5                                      | 112         | 37         | 052       |     |          |  |          |  |
| M18x1.5                                      | 112         | 37         | 053       |     |          |  |          |  |
| M18x1.25                                     | 112         | 37         | 054       |     |          |  |          |  |
| M18x1                                        | 97          | 22         | 055       |     |          |  |          |  |
| M20x2.5                                      | 112         | 37         | 056       |     |          |  |          |  |
| M20x2                                        | 112         | 37         | 057       |     |          |  |          |  |
| M20x1.5                                      | 112         | 37         | 058       |     |          |  |          |  |
| M20x1.25                                     | 102         | 22         | 059       |     |          |  |          |  |
| M22x2.5                                      | 118         | 38         | 060       |     |          |  |          |  |
| M22x2                                        | 118         | 38         | 061       |     |          |  |          |  |
| M22x1.5                                      | 118         | 38         | 062       |     |          |  |          |  |
| M22x1                                        | 109         | 24         | 063       |     |          |  |          |  |
| M24x3                                        | 130         | 45         | 064       |     |          |  |          |  |
| M24x2                                        | 130         | 45         | 065       |     |          |  |          |  |
| M24x1.5                                      | 130         | 45         | 066       |     |          |  |          |  |
| M24x1                                        | 114         | 24         | 067       |     |          |  |          |  |
| M27x3                                        | 135         | 45         | 068       |     |          |  |          |  |
| M27x2                                        | 127         | 37         | 069       |     |          |  |          |  |
| M27x1.5                                      | 127         | 37         | 070       |     |          |  |          |  |
| M27x1                                        | 120         | 25         | 071       |     |          |  |          |  |
| M30x3.5                                      | 138         | 48         | 072       |     |          |  |          |  |
| M30x3                                        | 138         | 48         | 073       |     |          |  |          |  |
| M30x2                                        | 127         | 37         | 074       |     |          |  |          |  |
| M30x1.5                                      | 127         | 37         | 075       |     |          |  |          |  |
| M30x1                                        | 120         | 25         | 076       |     |          |  |          |  |
| M32x2                                        | 137         | 37         | 077       |     |          |  |          |  |
| M32x1.5                                      | 137         | 37         | 078       |     |          |  |          |  |
| M33x3.5                                      | 151         | 51         | 079       |     |          |  |          |  |
| M33x3                                        | 151         | 51         | 080       |     |          |  |          |  |
| M33x2                                        | 137         | 37         | 081       |     |          |  |          |  |
| M33x1.5                                      | 137         | 37         | 082       |     |          |  |          |  |
| M36x4                                        | 162         | 57         | 083       |     |          |  |          |  |
| M36x3                                        | 162         | 57         | 084       |     |          |  |          |  |

Available on request as special manufacture



## JB/T8824.1 UNC UNF Straight Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating | TGHU-T      |            | TGHU-P    | TGHU-B   |          | TGHU-S   |  |
|----------------------------------------------|-------------|------------|-----------|----------|----------|----------|--|
|                                              | Straight    |            | Straight  | Straight |          | Straight |  |
|                                              | Taper       |            | Plug      | Bottom   |          | Set      |  |
|                                              | Uncoated    |            | Uncoated  | Uncoated |          | Uncoated |  |
| Size                                         | Overall Len | Thread Len | Size Code | Moq      | Price \$ |          |  |
| No.1-64                                      | 41          | 8          | 001       |          |          |          |  |
| No.2-56                                      | 44.5        | 9.5        | 002       |          |          |          |  |
| No.3-48                                      | 44.5        | 9.5        | 003       |          |          |          |  |
| No.4-40                                      | 48          | 11         | 004       |          |          |          |  |
| No.5-40                                      | 48          | 11         | 005       |          |          |          |  |
| No.6-32                                      | 50          | 13         | 006       |          |          |          |  |
| No.8-32                                      | 53          | 13         | 007       |          |          |          |  |
| No.10-24                                     | 58          | 16         | 008       |          |          |          |  |
| No.12-24                                     | 62          | 17         | 009       |          |          |          |  |
| 1/4-20                                       | 66          | 19         | 010       |          |          |          |  |
| 5/16-18                                      | 72          | 22         | 011       |          |          |          |  |
| 3/8-16                                       | 80          | 24         | 012       |          |          |          |  |
| 7/16-14                                      | 85          | 25         | 013       |          |          |          |  |
| 1/2-13                                       | 89          | 29         | 014       |          |          |          |  |
| 9/16-12                                      | 95          | 30         | 015       |          |          |          |  |
| 5/8-11                                       | 102         | 32         | 016       |          |          |          |  |
| 3/4-10                                       | 112         | 37         | 017       |          |          |          |  |
| 7/8-9                                        | 118         | 38         | 018       |          |          |          |  |
| 1-8                                          | 130         | 45         | 019       |          |          |          |  |
| No.0-80                                      | 41          | 8          | 020       |          |          |          |  |
| No.1-72                                      | 41          | 9.5        | 021       |          |          |          |  |
| No.2-64                                      | 44.5        | 9.5        | 022       |          |          |          |  |
| No.3-56                                      | 44.5        | 9.5        | 023       |          |          |          |  |
| No.4-48                                      | 48          | 11         | 024       |          |          |          |  |
| No.5-44                                      | 48          | 11         | 025       |          |          |          |  |
| No.6-40                                      | 50          | 13         | 026       |          |          |          |  |
| No.8-36                                      | 53          | 13         | 027       |          |          |          |  |
| No.10-32                                     | 58          | 16         | 028       |          |          |          |  |
| No.12-28                                     | 62          | 17         | 029       |          |          |          |  |
| 1/4-28                                       | 66          | 19         | 030       |          |          |          |  |
| 5/16-24                                      | 72          | 22         | 031       |          |          |          |  |
| 3/8-24                                       | 80          | 24         | 032       |          |          |          |  |
| 7/16-20                                      | 85          | 25         | 033       |          |          |          |  |
| 1/2-20                                       | 89          | 29         | 034       |          |          |          |  |
| 9/16-18                                      | 95          | 30         | 035       |          |          |          |  |
| 5/8-18                                       | 102         | 32         | 036       |          |          |          |  |
| 3/4-16                                       | 112         | 37         | 037       |          |          |          |  |
| 7/8-14                                       | 118         | 38         | 038       |          |          |          |  |
| 1-12                                         | 130         | 45         | 039       |          |          |          |  |
|                                              |             |            |           |          |          |          |  |
|                                              |             |            |           |          |          |          |  |
|                                              |             |            |           |          |          |          |  |

Available on request as special manufacture



## GB/T3506 M Spiral Flute

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |             |            | Class Code | TGSM     |            |  |
|-----------|-------------|------------|------------|----------|------------|--|
|           |             |            |            | Geometry | Spiral R35 |  |
|           |             |            |            | Chamfer  | Plug       |  |
|           |             |            |            | Coating  | Uncoated   |  |
| Size      | Overall Len | Thread Len | Size Code  | Moq      | Price \$   |  |
| M2x0.4    | 41          | 8          | 001        |          |            |  |
| M2.2x0.45 | 44.5        | 9.5        | 002        |          |            |  |
| M2.5x0.45 | 44.5        | 9.5        | 003        |          |            |  |
| M3x0.5    | 48          | 11         | 004        |          |            |  |
| M3.5x0.6  | 50          | 13         | 005        |          |            |  |
| M4x0.7    | 53          | 13         | 006        |          |            |  |
| M4.5x0.75 | 53          | 13         | 007        |          |            |  |
| M5x0.8    | 58          | 16         | 008        |          |            |  |
| M6x1      | 66          | 19         | 009        |          |            |  |
| M7x1      | 66          | 19         | 010        |          |            |  |
| M8x1.25   | 72          | 22         | 011        |          |            |  |
| M9x1.25   | 72          | 22         | 012        |          |            |  |
| M10x1.5   | 80          | 24         | 013        |          |            |  |
| M11x1.5   | 85          | 25         | 014        |          |            |  |
| M12x1.75  | 89          | 29         | 015        |          |            |  |
| M14x2     | 95          | 30         | 016        |          |            |  |
| M16x2     | 102         | 32         | 017        |          |            |  |
| M18x2.5   | 112         | 37         | 018        |          |            |  |
| M20x2.5   | 112         | 37         | 019        |          |            |  |
| M22x2.5   | 118         | 38         | 020        |          |            |  |
| M24x3     | 130         | 45         | 021        |          |            |  |
| M27x3     | 135         | 45         | 022        |          |            |  |
| M30x3.5   | 138         | 48         | 023        |          |            |  |
| M2x0.25   | 41          | 8          | 024        |          |            |  |
| M2.2x0.25 | 44.5        | 9.5        | 025        |          |            |  |
| M2.5x0.35 | 44.5        | 9.5        | 026        |          |            |  |
| M3x0.35   | 48          | 11         | 027        |          |            |  |
| M3.5x0.35 | 50          | 13         | 028        |          |            |  |
| M4x0.5    | 53          | 13         | 029        |          |            |  |
| M4.5x0.5  | 53          | 13         | 030        |          |            |  |
| M5x0.5    | 58          | 16         | 031        |          |            |  |
| M5.5x0.5  | 62          | 17         | 032        |          |            |  |
| M6x0.5    | 66          | 19         | 033        |          |            |  |
| M6x0.75   | 66          | 19         | 034        |          |            |  |
| M7x0.75   | 66          | 19         | 035        |          |            |  |
| M8x0.75   | 66          | 19         | 036        |          |            |  |
| M8x1      | 72          | 22         | 037        |          |            |  |
| M9x0.75   | 66          | 19         | 038        |          |            |  |
| M9x1      | 72          | 22         | 039        |          |            |  |
| M10x0.75  | 73          | 20         | 040        |          |            |  |
| M10x1     | 80          | 24         | 041        |          |            |  |
| M10x1.25  | 80          | 24         | 042        |          |            |  |

Available on request as special manufacture



## JB/T5612 M Spiral Point

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



|           |             |            | Class Code<br>Geometry<br>Chamfer<br>Coating | TGPM         |          |  |
|-----------|-------------|------------|----------------------------------------------|--------------|----------|--|
|           |             |            |                                              | Spiral Point |          |  |
|           |             |            |                                              | Plug         |          |  |
|           |             |            |                                              | Uncoated     |          |  |
| Size      | Overall Len | Thread Len | Size Code                                    | Moq          | Price \$ |  |
| M2x0.4    | 8           | 41         | 001                                          |              |          |  |
| M2.2x0.45 | 9.5         | 44.5       | 002                                          |              |          |  |
| M2.5x0.45 | 9.5         | 44.5       | 003                                          |              |          |  |
| M3x0.5    | 11          | 48         | 004                                          |              |          |  |
| M3.5x0.6  | 13          | 50         | 005                                          |              |          |  |
| M4x0.7    | 13          | 53         | 006                                          |              |          |  |
| M4.5x0.75 | 13          | 53         | 007                                          |              |          |  |
| M5x0.8    | 16          | 58         | 008                                          |              |          |  |
| M6x1      | 19          | 66         | 009                                          |              |          |  |
| M7x1      | 19          | 66         | 010                                          |              |          |  |
| M8x1.25   | 22          | 72         | 011                                          |              |          |  |
| M9x1.25   | 22          | 72         | 012                                          |              |          |  |
| M10x1.5   | 24          | 80         | 013                                          |              |          |  |
| M11x1.5   | 25          | 85         | 014                                          |              |          |  |
| M12x1.75  | 29          | 89         | 015                                          |              |          |  |
| M14x2     | 30          | 95         | 016                                          |              |          |  |
| M16x2     | 32          | 102        | 017                                          |              |          |  |
| M18x2.5   | 37          | 112        | 018                                          |              |          |  |
| M20x2.5   | 37          | 112        | 019                                          |              |          |  |
| M2x0.25   | 8           | 41         | 020                                          |              |          |  |
| M2.2x0.25 | 9.5         | 44.5       | 021                                          |              |          |  |
| M2.5x0.35 | 9.5         | 44.5       | 022                                          |              |          |  |
| M3x0.35   | 11          | 48         | 023                                          |              |          |  |
| M3.5x0.35 | 13          | 50         | 024                                          |              |          |  |
| M4x0.5    | 13          | 53         | 025                                          |              |          |  |
| M4.5x0.5  | 13          | 53         | 026                                          |              |          |  |
| M5x0.5    | 16          | 58         | 027                                          |              |          |  |
| M5.5x0.5  | 17          | 62         | 028                                          |              |          |  |
| M6x0.5    | 19          | 66         | 029                                          |              |          |  |
| M6x0.75   | 19          | 66         | 030                                          |              |          |  |
| M7x0.75   | 19          | 66         | 031                                          |              |          |  |
| M8x0.75   | 19          | 66         | 032                                          |              |          |  |
| M8x1      | 22          | 72         | 033                                          |              |          |  |
| M9x0.75   | 19          | 66         | 034                                          |              |          |  |
| M9x1      | 22          | 72         | 035                                          |              |          |  |
| M10x0.75  | 20          | 73         | 036                                          |              |          |  |
| M10x1     | 24          | 80         | 037                                          |              |          |  |
| M10x1.25  | 24          | 80         | 038                                          |              |          |  |
| M11x0.75  | 22          | 80         | 039                                          |              |          |  |
| M11x1     | 22          | 80         | 040                                          |              |          |  |
| M12x1     | 22          | 80         | 041                                          |              |          |  |
| M12x1.25  | 29          | 89         | 042                                          |              |          |  |



Available on request as special manufacture



## JB/T7428 M Forming

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN,Steam Oxide

Available on request as special manufacture



| Size      | Overall Len | Thread Len | Size Code | Class Code | Moq | Price \$ |
|-----------|-------------|------------|-----------|------------|-----|----------|
|           |             |            |           | Geometry   |     |          |
|           |             |            |           | Chamfer    |     |          |
|           |             |            |           | Coating    |     |          |
|           |             |            |           | TGFM       |     |          |
|           |             |            |           | Fluteless  |     |          |
|           |             |            |           | Plug       |     |          |
|           |             |            |           | Uncoated   |     |          |
| M2x0.4    | 41          | 8          | 001       |            |     |          |
| M2.2x0.45 | 44.5        | 9.5        | 002       |            |     |          |
| M2.5x0.45 | 44.5        | 9.5        | 003       |            |     |          |
| M3x0.5    | 48          | 14.5       | 004       |            |     |          |
| M3.5x0.6  | 50          | 16.5       | 005       |            |     |          |
| M4x0.7    | 53          | 17         | 006       |            |     |          |
| M4.5x0.75 | 53          | 17         | 007       |            |     |          |
| M5x0.8    | 58          | 16         | 008       |            |     |          |
| M6x1      | 66          | 19         | 009       |            |     |          |
| M7x1      | 66          | 19         | 010       |            |     |          |
| M8x1.25   | 72          | 22         | 011       |            |     |          |
| M9x1.25   | 72          | 22         | 012       |            |     |          |
| M10x1.5   | 80          | 24         | 013       |            |     |          |
| M11x1.5   | 85          | 25         | 014       |            |     |          |
| M12x1.75  | 89          | 29         | 015       |            |     |          |
| M14x2     | 95          | 30         | 016       |            |     |          |
| M16x2     | 102         | 32         | 017       |            |     |          |
| M18x2.5   | 112         | 37         | 018       |            |     |          |
| M20x2.5   | 112         | 37         | 019       |            |     |          |
| M22x2.5   | 118         | 38         | 020       |            |     |          |
| M24x3     | 130         | 45         | 021       |            |     |          |
| M27x3     | 135         | 45         | 022       |            |     |          |
| M2x0.25   | 41          | 8          | 023       |            |     |          |
| M2.2x0.25 | 44.5        | 9.5        | 024       |            |     |          |
| M2.5x0.35 | 44.5        | 9.5        | 025       |            |     |          |
| M3x0.35   | 48          | 14.5       | 026       |            |     |          |
| M3.5x0.35 | 50          | 16.5       | 027       |            |     |          |
| M4x0.5    | 53          | 17         | 028       |            |     |          |
| M4.5x0.5  | 53          | 17         | 029       |            |     |          |
| M5x0.5    | 58          | 16         | 030       |            |     |          |
| M5.5x0.5  | 62          | 17         | 031       |            |     |          |
| M6x0.5    | 66          | 19         | 032       |            |     |          |
| M6x0.75   | 66          | 19         | 033       |            |     |          |
| M7x0.75   | 66          | 19         | 034       |            |     |          |
| M8x0.75   | 66          | 19         | 035       |            |     |          |
| M8x1      | 69          | 19         | 036       |            |     |          |
| M9x0.75   | 66          | 19         | 037       |            |     |          |
| M9x1      | 69          | 19         | 038       |            |     |          |
| M10x0.75  | 73          | 20         | 039       |            |     |          |
| M10x1     | 76          | 20         | 040       |            |     |          |
| M10x1.25  | 76          | 20         | 041       |            |     |          |
| M11x0.75  | 80          | 22         | 042       |            |     |          |

Available on request as special manufacture



Available on request as special manufacture



## GB/T967 M Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size      | Overall Len | Thread Len | Size Code | Class Code | Moq | Price \$ |
|-----------|-------------|------------|-----------|------------|-----|----------|
|           |             |            |           | Geometry   |     |          |
|           |             |            |           | Chamfer    |     |          |
|           |             |            |           | Coating    |     |          |
|           |             |            |           | TGHN       |     |          |
|           |             |            |           | Straight   |     |          |
|           |             |            |           | Plug       |     |          |
|           |             |            |           | Uncoated   |     |          |
| M1x0.25   | 5.5         | 38.5       | 001       |            |     |          |
| M1.1x0.25 | 5.5         | 38.5       | 002       |            |     |          |
| M1.2x0.25 | 5.5         | 38.5       | 003       |            |     |          |
| M1.4x0.3  | 7           | 40         | 004       |            |     |          |
| M1.6x0.35 | 8           | 41         | 005       |            |     |          |
| M1.8x0.35 | 8           | 41         | 006       |            |     |          |
| M2x0.4    | 8           | 41         | 007       |            |     |          |
| M2.2x0.45 | 9.5         | 44.5       | 008       |            |     |          |
| M2.5x0.45 | 9.5         | 44.5       | 009       |            |     |          |
| M3x0.5    | 11          | 48         | 010       |            |     |          |
| M3.5x0.6  | 13          | 50         | 011       |            |     |          |
| M4x0.7    | 13          | 53         | 012       |            |     |          |
| M4.5x0.75 | 13          | 53         | 013       |            |     |          |
| M5x0.8    | 16          | 58         | 014       |            |     |          |
| M6x1      | 19          | 66         | 015       |            |     |          |
| M7x1      | 19          | 66         | 016       |            |     |          |
| M8x1.25   | 22          | 72         | 017       |            |     |          |
| M9x1.25   | 22          | 72         | 018       |            |     |          |
| M10x1.5   | 24          | 80         | 019       |            |     |          |
| M11x1.5   | 25          | 85         | 020       |            |     |          |
| M12x1.75  | 29          | 89         | 021       |            |     |          |
| M14x2     | 30          | 95         | 022       |            |     |          |
| M16x2     | 32          | 102        | 023       |            |     |          |
| M18x2.5   | 37          | 112        | 024       |            |     |          |
| M20x2.5   | 37          | 112        | 025       |            |     |          |
| M22x2.5   | 38          | 118        | 026       |            |     |          |
| M24x3     | 45          | 130        | 027       |            |     |          |
| M27x3     | 45          | 135        | 028       |            |     |          |
| M30x3.5   | 48          | 138        | 029       |            |     |          |
| M33x3.5   | 51          | 151        | 030       |            |     |          |
| M36x4     | 57          | 162        | 031       |            |     |          |
| M39x4     | 60          | 170        | 032       |            |     |          |
| M42x4.5   | 60          | 170        | 033       |            |     |          |
| M45x4.5   | 67          | 187        | 034       |            |     |          |
| M48x5     | 67          | 187        | 035       |            |     |          |
| M52x5     | 70          | 200        | 036       |            |     |          |
| M1x0.2    | 5.5         | 38.5       | 037       |            |     |          |
| M1.1x0.2  | 5.5         | 38.5       | 038       |            |     |          |
| M1.2x0.2  | 5.5         | 38.5       | 039       |            |     |          |
| M1.4x0.2  | 7           | 40         | 040       |            |     |          |
| M1.6x0.2  | 8           | 41         | 041       |            |     |          |
| M1.8x0.2  | 8           | 41         | 042       |            |     |          |

## GB/T967 M Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size      | Overall Len | Thread Len | Size Code | Class Code | Moq | Price \$ |
|-----------|-------------|------------|-----------|------------|-----|----------|
|           |             |            |           | Geometry   |     |          |
|           |             |            |           | Chamfer    |     |          |
|           |             |            |           | Coating    |     |          |
|           |             |            |           | TGHN       |     |          |
|           |             |            |           | Straight   |     |          |
|           |             |            |           | Plug       |     |          |
|           |             |            |           | Uncoated   |     |          |
| M2x0.25   | 8           | 41         | 043       |            |     |          |
| M2.2x0.25 | 9.5         | 44.5       | 044       |            |     |          |
| M2.5x0.35 | 9.5         | 44.5       | 045       |            |     |          |
| M3x0.35   | 11          | 48         | 046       |            |     |          |
| M3.5x0.35 | 13          | 50         | 047       |            |     |          |
| M4x0.5    | 13          | 53         | 048       |            |     |          |
| M4.5x0.5  | 13          | 53         | 049       |            |     |          |
| M5x0.5    | 16          | 58         | 050       |            |     |          |
| M5.5x0.5  | 17          | 62         | 051       |            |     |          |
| M6x0.5    | 19          | 66         | 052       |            |     |          |
| M6x0.75   | 19          | 66         | 053       |            |     |          |
| M7x0.75   | 19          | 66         | 054       |            |     |          |
| M8x0.75   | 19          | 66         | 055       |            |     |          |
| M8x1      | 22          | 72         | 056       |            |     |          |
| M9x0.75   | 19          | 66         | 057       |            |     |          |
| M9x1      | 22          | 72         | 058       |            |     |          |
| M10x0.75  | 20          | 73         | 059       |            |     |          |
| M10x1     | 24          | 80         | 060       |            |     |          |
| M10x1.25  | 24          | 80         | 061       |            |     |          |
| M11x0.75  | 22          | 80         | 062       |            |     |          |
| M11x1     | 22          | 80         | 063       |            |     |          |
| M12x1     | 22          | 80         | 064       |            |     |          |
| M12x1.25  | 29          | 89         | 065       |            |     |          |
| M12x1.5   | 29          | 89         | 066       |            |     |          |
| M14x1     | 22          | 87         | 067       |            |     |          |
| M14x1.25  | 30          | 95         | 068       |            |     |          |
| M14x1.5   | 30          | 95         | 069       |            |     |          |
| M15x1.5   | 30          | 95         | 070       |            |     |          |
| M16x1     | 22          | 92         | 071       |            |     |          |
| M16x1.5   | 32          | 102        | 072       |            |     |          |
| M17x1.5   | 32          | 102        | 073       |            |     |          |
| M18x1     | 22          | 97         | 074       |            |     |          |
| M18x1.5   | 37          | 112        | 075       |            |     |          |
| M18x2     | 37          | 112        | 076       |            |     |          |
| M20x1     | 22          | 102        | 077       |            |     |          |
| M20x1.5   | 37          | 112        | 078       |            |     |          |
| M20x2     | 37          | 112        | 079       |            |     |          |
| M22x1     | 24          | 109        | 080       |            |     |          |
| M22x1.5   | 38          | 118        | 081       |            |     |          |
| M22x2     | 38          | 118        | 082       |            |     |          |
| M24x1     | 24          | 114        | 083       |            |     |          |
| M24x1.5   | 45          | 130        | 084       |            |     |          |

## GB/T967 M Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size    | Overall Len | Thread Len | Size Code | Class Code | Moq | Price \$ |
|---------|-------------|------------|-----------|------------|-----|----------|
|         |             |            |           | Geometry   |     |          |
|         |             |            |           | Chamfer    |     |          |
|         |             |            |           | Coating    |     |          |
|         |             |            |           | TGHN       |     |          |
|         |             |            |           | Straight   |     |          |
|         |             |            |           | Plug       |     |          |
|         |             |            |           | Uncoated   |     |          |
| M24x2   | 45          | 130        | 085       |            |     |          |
| M25x1.5 | 45          | 130        | 086       |            |     |          |
| M25x2   | 45          | 130        | 087       |            |     |          |
| M26x1.5 | 35          | 120        | 088       |            |     |          |
| M27x1   | 25          | 120        | 089       |            |     |          |
| M27x1.5 | 37          | 127        | 090       |            |     |          |
| M27x2   | 37          | 127        | 091       |            |     |          |
| M28x1   | 25          | 120        | 092       |            |     |          |
| M28x1.5 | 37          | 127        | 093       |            |     |          |
| M28x2   | 37          | 127        | 094       |            |     |          |
| M30x1   | 25          | 120        | 095       |            |     |          |
| M30x1.5 | 37          | 127        | 096       |            |     |          |
| M30x2   | 37          | 127        | 097       |            |     |          |
| M30x3   | 48          | 138        | 098       |            |     |          |
| M32x1.5 | 37          | 137        | 099       |            |     |          |
| M32x2   | 37          | 137        | 100       |            |     |          |
| M33x1.5 | 37          | 137        | 101       |            |     |          |
| M33x2   | 37          | 137        | 102       |            |     |          |
| M33x3   | 51          | 151        | 103       |            |     |          |
| M35x1.5 | 39          | 144        | 104       |            |     |          |
| M36x1.5 | 39          | 144        | 105       |            |     |          |
| M36x2   | 39          | 144        | 106       |            |     |          |
| M36x3   | 57          | 162        | 107       |            |     |          |
| M38x1.5 | 39          | 149        | 108       |            |     |          |
| M39x1.5 | 39          | 149        | 109       |            |     |          |
| M39x2   | 39          | 149        | 110       |            |     |          |
| M39x3   | 60          | 170        | 111       |            |     |          |
| M40x1.5 | 39          | 149        | 112       |            |     |          |
| M40x2   | 39          | 149        | 113       |            |     |          |
| M40x3   | 60          | 170        | 114       |            |     |          |
| M42x1.5 | 39          | 149        | 115       |            |     |          |
| M42x2   | 39          | 149        | 116       |            |     |          |
| M42x3   | 60          | 170        | 117       |            |     |          |
| M42x4   | 60          | 170        | 118       |            |     |          |
| M45x1.5 | 45          | 165        | 119       |            |     |          |
| M45x2   | 45          | 165        | 120       |            |     |          |
| M45x3   | 67          | 187        | 121       |            |     |          |
| M45x4   | 67          | 187        | 122       |            |     |          |
| M48x1.5 | 45          | 165        | 123       |            |     |          |
| M48x2   | 45          | 165        | 124       |            |     |          |
| M48x3   | 67          | 187        | 125       |            |     |          |
| M48x4   | 67          | 187        | 126       |            |     |          |

## GB/T967 M Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]



Available on request as special manufacture





Available on request as special manufacture



## JB/T8364.2 NPT Taper Pipe

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## ISO2568 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size      | Limit | Outside | Thickness | Size Code | Moq | Price \$ | Class Code | Geometry | DIRM    |          | DIRM-G |         |  |
|-----------|-------|---------|-----------|-----------|-----|----------|------------|----------|---------|----------|--------|---------|--|
|           |       |         |           |           |     |          |            | Chamfer  | Round   |          | Round  |         |  |
|           |       |         |           |           |     |          |            |          | Coating | 1.5P-2P  |        | 1.5P-2P |  |
|           |       |         |           |           |     |          |            |          |         | Uncoated |        | TiN     |  |
| M1x0.2    | 6g    | 16      | 5         | 001       |     |          |            |          |         |          |        |         |  |
| M1x0.25   | 6g    | 16      | 5         | 002       |     |          |            |          |         |          |        |         |  |
| M1.2x0.2  | 6g    | 16      | 5         | 003       |     |          |            |          |         |          |        |         |  |
| M1.2x0.25 | 6g    | 16      | 5         | 004       |     |          |            |          |         |          |        |         |  |
| M1.4x0.2  | 6g    | 16      | 5         | 005       |     |          |            |          |         |          |        |         |  |
| M1.4x0.3  | 6g    | 16      | 5         | 006       |     |          |            |          |         |          |        |         |  |
| M1.6x0.2  | 6g    | 16      | 5         | 007       |     |          |            |          |         |          |        |         |  |
| M1.6x0.35 | 6g    | 16      | 5         | 008       |     |          |            |          |         |          |        |         |  |
| M1.8x0.2  | 6g    | 16      | 5         | 009       |     |          |            |          |         |          |        |         |  |
| M1.8x0.35 | 6g    | 16      | 5         | 010       |     |          |            |          |         |          |        |         |  |
| M2x0.25   | 6g    | 16      | 5         | 011       |     |          |            |          |         |          |        |         |  |
| M2x0.4    | 6g    | 16      | 5         | 012       |     |          |            |          |         |          |        |         |  |
| M2.2x0.25 | 6g    | 16      | 5         | 013       |     |          |            |          |         |          |        |         |  |
| M2.2x0.4  | 6g    | 16      | 5         | 014       |     |          |            |          |         |          |        |         |  |
| M2.5x0.35 | 6g    | 16      | 5         | 015       |     |          |            |          |         |          |        |         |  |
| M2.5x0.45 | 6g    | 16      | 5         | 016       |     |          |            |          |         |          |        |         |  |
| M3x0.35   | 6g    | 20      | 5         | 017       |     |          |            |          |         |          |        |         |  |
| M3x0.5    | 6g    | 20      | 5         | 018       |     |          |            |          |         |          |        |         |  |
| M3.5x0.35 | 6g    | 20      | 5         | 019       |     |          |            |          |         |          |        |         |  |
| M3.5x0.6  | 6g    | 20      | 5         | 020       |     |          |            |          |         |          |        |         |  |
| M4x0.5    | 6g    | 20      | 5         | 021       |     |          |            |          |         |          |        |         |  |
| M4x0.7    | 6g    | 20      | 5         | 022       |     |          |            |          |         |          |        |         |  |
| M4.5x0.5  | 6g    | 20      | 5         | 023       |     |          |            |          |         |          |        |         |  |
| M4.5x0.75 | 6g    | 20      | 7         | 024       |     |          |            |          |         |          |        |         |  |
| M5x0.5    | 6g    | 20      | 5         | 025       |     |          |            |          |         |          |        |         |  |
| M5x0.8    | 6g    | 20      | 7         | 026       |     |          |            |          |         |          |        |         |  |
| M5.5x0.5  | 6g    | 20      | 5         | 027       |     |          |            |          |         |          |        |         |  |
| M6x0.75   | 6g    | 20      | 7         | 028       |     |          |            |          |         |          |        |         |  |
| M6x1      | 6g    | 20      | 7         | 029       |     |          |            |          |         |          |        |         |  |
| M7x0.75   | 6g    | 25      | 9         | 030       |     |          |            |          |         |          |        |         |  |
| M7x1      | 6g    | 25      | 9         | 031       |     |          |            |          |         |          |        |         |  |
| M8x1      | 6g    | 25      | 9         | 032       |     |          |            |          |         |          |        |         |  |
| M8x1.25   | 6g    | 25      | 9         | 033       |     |          |            |          |         |          |        |         |  |
| M9x1      | 6g    | 25      | 9         | 034       |     |          |            |          |         |          |        |         |  |
| M9x1.25   | 6g    | 25      | 9         | 035       |     |          |            |          |         |          |        |         |  |
| M10x1     | 6g    | 30      | 11        | 036       |     |          |            |          |         |          |        |         |  |
| M10x1.25  | 6g    | 30      | 11        | 037       |     |          |            |          |         |          |        |         |  |
| M10x1.5   | 6g    | 30      | 11        | 038       |     |          |            |          |         |          |        |         |  |
| M12x1.25  | 6g    | 38      | 10        | 039       |     |          |            |          |         |          |        |         |  |
| M12x1.5   | 6g    | 38      | 10        | 040       |     |          |            |          |         |          |        |         |  |
| M12x1.75  | 6g    | 38      | 14        | 041       |     |          |            |          |         |          |        |         |  |
| M14x1.25  | 6g    | 38      | 10        | 042       |     |          |            |          |         |          |        |         |  |

## ISO2568 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code<br>Geometry<br>Chamfer<br>Coating |       | DIRM     |           |           | DIRM-G |          |
|----------------------------------------------|-------|----------|-----------|-----------|--------|----------|
|                                              |       | Round    |           | Round     |        |          |
|                                              |       | 1.5P-2P  |           | 1.5P-2P   |        |          |
|                                              |       | Uncoated |           | TiN       |        |          |
| Size                                         | Limit | Outside  | Thickness | Size Code | Moq    | Price \$ |
| M14x1.5                                      | 6g    | 38       | 10        | 043       |        |          |
| M14x2                                        | 6g    | 38       | 14        | 044       |        |          |
| M15x1.5                                      | 6g    | 38       | 18        | 045       |        |          |
| M16x1.5                                      | 6g    | 45       | 14        | 046       |        |          |
| M16x2                                        | 6g    | 45       | 18        | 047       |        |          |
| M17x1.5                                      | 6g    | 45       | 14        | 048       |        |          |
| M18x1.5                                      | 6g    | 45       | 14        | 049       |        |          |
| M18x2                                        | 6g    | 45       | 14        | 050       |        |          |
| M18x2.5                                      | 6g    | 45       | 18        | 051       |        |          |
| M20x1.5                                      | 6g    | 45       | 14        | 052       |        |          |
| M20x2                                        | 6g    | 45       | 14        | 053       |        |          |
| M20x2.5                                      | 6g    | 45       | 18        | 054       |        |          |
| M22x1.5                                      | 6g    | 55       | 16        | 055       |        |          |
| M22x2                                        | 6g    | 55       | 16        | 056       |        |          |
| M22x2.5                                      | 6g    | 55       | 22        | 057       |        |          |
| M24x1.5                                      | 6g    | 55       | 16        | 058       |        |          |
| M24x2                                        | 6g    | 55       | 16        | 059       |        |          |
| M24x3                                        | 6g    | 55       | 22        | 060       |        |          |
| M25x1.5                                      | 6g    | 55       | 16        | 061       |        |          |
| M25x2                                        | 6g    | 55       | 16        | 062       |        |          |
| M27x1.5                                      | 6g    | 65       | 18        | 063       |        |          |
| M27x2                                        | 6g    | 65       | 18        | 064       |        |          |
| M27x3                                        | 6g    | 65       | 25        | 065       |        |          |
| M28x1.5                                      | 6g    | 65       | 18        | 066       |        |          |
| M28x2                                        | 6g    | 65       | 18        | 067       |        |          |
| M30x1.5                                      | 6g    | 65       | 18        | 068       |        |          |
| M30x2                                        | 6g    | 65       | 18        | 069       |        |          |
| M30x3                                        | 6g    | 65       | 25        | 070       |        |          |
| M30x3.5                                      | 6g    | 65       | 25        | 071       |        |          |
| M32x1.5                                      | 6g    | 65       | 18        | 072       |        |          |
| M32x2                                        | 6g    | 65       | 18        | 073       |        |          |
| M33x1.5                                      | 6g    | 65       | 18        | 074       |        |          |
| M33x2                                        | 6g    | 65       | 18        | 075       |        |          |
| M33x3                                        | 6g    | 65       | 25        | 076       |        |          |
| M33x3.5                                      | 6g    | 65       | 25        | 077       |        |          |
| M35x1.5                                      | 6g    | 65       | 18        | 078       |        |          |
| M36x1.5                                      | 6g    | 65       | 18        | 079       |        |          |
| M36x2                                        | 6g    | 65       | 18        | 080       |        |          |
| M36x3                                        | 6g    | 65       | 25        | 081       |        |          |
| M36x4                                        | 6g    | 65       | 26        | 082       |        |          |
| M39x1.5                                      | 6g    | 75       | 20        | 083       |        |          |
| M39x2                                        | 6g    | 75       | 20        | 084       |        |          |

## ISO2568 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## ISO2568 UNC UNF Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|             | Class Code<br>Geometry<br>Chamfer<br>Coating | DIRU     |           |           | DIRU-G |          |
|-------------|----------------------------------------------|----------|-----------|-----------|--------|----------|
|             |                                              | Round    |           | Round     |        |          |
|             |                                              | 1.5P-2P  |           | 1.5P-2P   |        |          |
|             |                                              | Uncoated |           | TiN       |        |          |
| Size        | Limit                                        | Outside  | Thickness | Size Code | Moq    | Price \$ |
| No.0-80UNF  | 2A                                           | 16       | 5         | 001       |        |          |
| No.1-64UNC  | 2A                                           | 16       | 5         | 002       |        |          |
| No.1-72UNF  | 2A                                           | 16       | 5         | 003       |        |          |
| No.2-56UNC  | 2A                                           | 16       | 5         | 004       |        |          |
| No.2-64UNF  | 2A                                           | 16       | 5         | 005       |        |          |
| No.3-48UNC  | 2A                                           | 16       | 5         | 006       |        |          |
| No.3-56UNF  | 2A                                           | 16       | 5         | 007       |        |          |
| No.4-40UNC  | 2A                                           | 20       | 5         | 008       |        |          |
| No.4-48UNF  | 2A                                           | 20       | 5         | 009       |        |          |
| No.5-40UNC  | 2A                                           | 20       | 5         | 010       |        |          |
| No.5-44UNF  | 2A                                           | 20       | 5         | 011       |        |          |
| No.6-32UNC  | 2A                                           | 20       | 7         | 012       |        |          |
| No.6-40UNF  | 2A                                           | 20       | 5         | 013       |        |          |
| No.8-32UNC  | 2A                                           | 20       | 7         | 014       |        |          |
| No.8-36UNF  | 2A                                           | 20       | 7         | 015       |        |          |
| No.10-24UNC | 2A                                           | 20       | 7         | 016       |        |          |
| No.10-28UNF | 2A                                           | 20       | 7         | 017       |        |          |
| No.12-24UNC | 2A                                           | 20       | 7         | 018       |        |          |
| No.12-28UNF | 2A                                           | 20       | 7         | 019       |        |          |
| 1/4-20UNC   | 2A                                           | 20       | 7         | 020       |        |          |
| 1/4-28UNF   | 2A                                           | 20       | 7         | 021       |        |          |
| 5/16-18UNC  | 2A                                           | 25       | 9         | 022       |        |          |
| 5/16-24UNF  | 2A                                           | 25       | 9         | 023       |        |          |
| 3/8-16UNC   | 2A                                           | 30       | 11        | 024       |        |          |
| 3/8-24UNF   | 2A                                           | 30       | 11        | 025       |        |          |
| 7/16-14UNC  | 2A                                           | 30       | 11        | 026       |        |          |
| 7/16-20UNF  | 2A                                           | 30       | 11        | 027       |        |          |
| 1/2-13UNC   | 2A                                           | 38       | 14        | 028       |        |          |
| 1/2-20UNF   | 2A                                           | 38       | 10        | 029       |        |          |
| 9/16-12UNC  | 2A                                           | 38       | 14        | 030       |        |          |
| 9/16-18UNF  | 2A                                           | 38       | 10        | 031       |        |          |
| 5/8-11UNC   | 2A                                           | 45       | 18        | 032       |        |          |
| 5/8-18UNF   | 2A                                           | 45       | 14        | 033       |        |          |
| 3/4-10UNC   | 2A                                           | 45       | 18        | 034       |        |          |
| 3/4-16UNF   | 2A                                           | 45       | 14        | 035       |        |          |
| 7/8-9UNC    | 2A                                           | 55       | 22        | 036       |        |          |
| 7/8-12UNF   | 2A                                           | 55       | 16        | 037       |        |          |
| 1-8UNC      | 2A                                           | 55       | 22        | 038       |        |          |
| 1-12UNF     | 2A                                           | 55       | 16        | 039       |        |          |
| 1-1/8-7UNC  | 2A                                           | 65       | 25        | 040       |        |          |
| 1-1/8-12UNF | 2A                                           | 65       | 18        | 041       |        |          |
| 1-1/4-7UNC  | 2A                                           | 65       | 25        | 042       |        |          |

## ISO2568 UNC UNF Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## ISO2568 BSW BSF Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size        | Limit | Outside  | Thickness | Size Code | Moq | Price \$ | Class Code | DIRB   |  |
|-------------|-------|----------|-----------|-----------|-----|----------|------------|--------|--|
|             |       |          |           |           |     |          |            | DIRB-G |  |
|             |       |          |           |           |     |          |            | Round  |  |
|             |       |          |           |           |     |          |            | Round  |  |
| Geometry    |       | 1.5P-2P  |           | 1.5P-2P   |     |          |            |        |  |
| Chamfer     |       | Uncoated |           | TiN       |     |          |            |        |  |
| Coating     |       |          |           |           |     |          |            |        |  |
| 1/8-40BSW   | -     | 20       | 5         | 001       |     |          |            |        |  |
| 3/16-24BSW  | -     | 20       | 7         | 002       |     |          |            |        |  |
| 3/16-32BSF  | -     | 20       | 7         | 003       |     |          |            |        |  |
| 1/4-20BSW   | -     | 25       | 9         | 004       |     |          |            |        |  |
| 1/4-26BSF   | -     | 25       | 9         | 005       |     |          |            |        |  |
| 5/16-18BSW  | -     | 25       | 9         | 006       |     |          |            |        |  |
| 5/16-22BSF  | -     | 25       | 9         | 007       |     |          |            |        |  |
| 3/8-16BSW   | -     | 25       | 9         | 008       |     |          |            |        |  |
| 3/8-20BSF   | -     | 30       | 11        | 009       |     |          |            |        |  |
| 7/16-14BSW  | -     | 30       | 11        | 010       |     |          |            |        |  |
| 7/16-18BSF  | -     | 30       | 11        | 011       |     |          |            |        |  |
| 1/2-12BSW   | -     | 38       | 14        | 012       |     |          |            |        |  |
| 1/2-16BSF   | -     | 38       | 10        | 013       |     |          |            |        |  |
| 9/16-12BSW  | -     | 38       | 14        | 014       |     |          |            |        |  |
| 9/16-16BSF  | -     | 38       | 10        | 015       |     |          |            |        |  |
| 5/8-11BSW   | -     | 45       | 18        | 016       |     |          |            |        |  |
| 5/8-14BSF   | -     | 45       | 14        | 017       |     |          |            |        |  |
| 11/16-11BSW | -     | 45       | 18        | 018       |     |          |            |        |  |
| 11/16-14BSF | -     | 45       | 14        | 019       |     |          |            |        |  |
| 3/4-10BSW   | -     | 45       | 18        | 020       |     |          |            |        |  |
| 3/4-12BSF   | -     | 45       | 14        | 021       |     |          |            |        |  |
| 7/8-9BSW    | -     | 55       | 22        | 022       |     |          |            |        |  |
| 7/8-11BSF   | -     | 55       | 22        | 023       |     |          |            |        |  |
| 1-8BSW      | -     | 55       | 22        | 024       |     |          |            |        |  |
| 1-10BSF     | -     | 55       | 22        | 025       |     |          |            |        |  |
| 1-1/8-7BSW  | -     | 65       | 25        | 026       |     |          |            |        |  |
| 1-1/8-9BSF  | -     | 65       | 25        | 027       |     |          |            |        |  |
| 1-1/4-7BSW  | -     | 65       | 25        | 028       |     |          |            |        |  |
| 1-1/4-9BSF  | -     | 65       | 25        | 029       |     |          |            |        |  |
| 1-1/2-6BSW  | -     | 75       | 30        | 030       |     |          |            |        |  |
| 1-1/2-8BSF  | -     | 75       | 30        | 031       |     |          |            |        |  |
| 1-5/8-8BSW  | -     | 75       | 30        | 032       |     |          |            |        |  |
| 1-3/4-5BSF  | -     | 90       | 36        | 033       |     |          |            |        |  |
| 1-3/4-7BSW  | -     | 90       | 36        | 034       |     |          |            |        |  |
| 2-4-1/2BSW  | -     | 90       | 36        | 035       |     |          |            |        |  |
| 2-7BSF      | -     | 90       | 36        | 036       |     |          |            |        |  |

## ISO4230 R Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## ISO4231 G Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|           | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMR    |           |           | DDRMR-G |          |
|-----------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|           |                                              | Round    |           | Round     |         |          |
|           |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|           |                                              | Uncoated |           | TiN       |         |          |
| Size      | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M1x0.2    | 6g                                           | 16       | 5         | 001       |         |          |
| M1x0.25   | 6g                                           | 16       | 5         | 002       |         |          |
| M1.1x0.2  | 6g                                           | 16       | 5         | 003       |         |          |
| M1.1x0.25 | 6g                                           | 16       | 5         | 004       |         |          |
| M1.2x0.2  | 6g                                           | 16       | 5         | 005       |         |          |
| M1.2x0.25 | 6g                                           | 16       | 5         | 006       |         |          |
| M1.4x0.2  | 6g                                           | 16       | 5         | 007       |         |          |
| M1.4x0.25 | 6g                                           | 16       | 5         | 008       |         |          |
| M1.4x0.3  | 6g                                           | 16       | 5         | 009       |         |          |
| M1.6x0.2  | 6g                                           | 16       | 5         | 010       |         |          |
| M1.6x0.25 | 6g                                           | 16       | 5         | 011       |         |          |
| M1.6x0.35 | 6g                                           | 16       | 5         | 012       |         |          |
| M1.7x0.2  | 6g                                           | 16       | 5         | 013       |         |          |
| M1.7x0.25 | 6g                                           | 16       | 5         | 014       |         |          |
| M1.7x0.35 | 6g                                           | 16       | 5         | 015       |         |          |
| M1.8x0.2  | 6g                                           | 16       | 5         | 016       |         |          |
| M1.8x0.25 | 6g                                           | 16       | 5         | 017       |         |          |
| M1.8x0.35 | 6g                                           | 16       | 5         | 018       |         |          |
| M2x0.2    | 6g                                           | 16       | 5         | 019       |         |          |
| M2x0.25   | 6g                                           | 16       | 5         | 020       |         |          |
| M2x0.35   | 6g                                           | 16       | 5         | 021       |         |          |
| M2x0.4    | 6g                                           | 16       | 5         | 022       |         |          |
| M2.2x0.25 | 6g                                           | 16       | 5         | 023       |         |          |
| M2.2x0.35 | 6g                                           | 16       | 5         | 024       |         |          |
| M2.2x0.45 | 6g                                           | 16       | 5         | 025       |         |          |
| M2.3x0.25 | 6g                                           | 16       | 5         | 026       |         |          |
| M2.3x0.35 | 6g                                           | 16       | 5         | 027       |         |          |
| M2.3x0.45 | 6g                                           | 16       | 5         | 028       |         |          |
| M2.5x0.25 | 6g                                           | 16       | 5         | 029       |         |          |
| M2.5x0.35 | 6g                                           | 16       | 5         | 030       |         |          |
| M2.5x0.45 | 6g                                           | 16       | 5         | 031       |         |          |
| M2.6x0.25 | 6g                                           | 16       | 5         | 032       |         |          |
| M2.6x0.35 | 6g                                           | 16       | 5         | 033       |         |          |
| M2.6x0.45 | 6g                                           | 16       | 5         | 034       |         |          |
| M3x0.25   | 6g                                           | 20       | 5         | 035       |         |          |
| M3x0.35   | 6g                                           | 20       | 5         | 036       |         |          |
| M3x0.5    | 6g                                           | 20       | 5         | 037       |         |          |
| M3.5x0.25 | 6g                                           | 20       | 5         | 038       |         |          |
| M3.5x0.35 | 6g                                           | 20       | 5         | 039       |         |          |
| M3.5x0.5  | 6g                                           | 20       | 5         | 040       |         |          |
| M3.5x0.6  | 6g                                           | 20       | 5         | 041       |         |          |
| M4x0.35   | 6g                                           | 20       | 5         | 042       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|           | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMM    |           |           | DDRMM-G |          |
|-----------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|           |                                              | Round    |           | Round     |         |          |
|           |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|           |                                              | Uncoated |           | TiN       |         |          |
| Size      | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M4x0.5    | 6g                                           | 20       | 5         | 043       |         |          |
| M4x0.7    | 6g                                           | 20       | 5         | 044       |         |          |
| M4.5x0.35 | 6g                                           | 20       | 5         | 045       |         |          |
| M4.5x0.5  | 6g                                           | 20       | 5         | 046       |         |          |
| M4.5x0.75 | 6g                                           | 20       | 7         | 047       |         |          |
| M5x0.35   | 6g                                           | 20       | 5         | 048       |         |          |
| M5x0.5    | 6g                                           | 20       | 5         | 049       |         |          |
| M5x0.75   | 6g                                           | 20       | 7         | 050       |         |          |
| M5x0.8    | 6g                                           | 20       | 7         | 051       |         |          |
| M5.5x0.35 | 6g                                           | 20       | 5         | 052       |         |          |
| M5.5x0.5  | 6g                                           | 20       | 5         | 053       |         |          |
| M5.5x0.75 | 6g                                           | 20       | 7         | 054       |         |          |
| M6x0.35   | 6g                                           | 20       | 5         | 055       |         |          |
| M6x0.5    | 6g                                           | 20       | 5         | 056       |         |          |
| M6x0.75   | 6g                                           | 20       | 7         | 057       |         |          |
| M6x1      | 6g                                           | 20       | 7         | 058       |         |          |
| M7x0.5    | 6g                                           | 25       | 9         | 059       |         |          |
| M7x0.75   | 6g                                           | 25       | 9         | 060       |         |          |
| M7x1      | 6g                                           | 25       | 9         | 061       |         |          |
| M8x0.5    | 6g                                           | 25       | 9         | 062       |         |          |
| M8x0.75   | 6g                                           | 25       | 9         | 063       |         |          |
| M8x1      | 6g                                           | 25       | 9         | 064       |         |          |
| M8x1.25   | 6g                                           | 25       | 9         | 065       |         |          |
| M9x0.5    | 6g                                           | 25       | 9         | 066       |         |          |
| M9x0.75   | 6g                                           | 25       | 9         | 067       |         |          |
| M9x1      | 6g                                           | 25       | 9         | 068       |         |          |
| M9x1.25   | 6g                                           | 25       | 9         | 069       |         |          |
| M10x0.5   | 6g                                           | 30       | 11        | 070       |         |          |
| M10x0.75  | 6g                                           | 30       | 11        | 071       |         |          |
| M10x1     | 6g                                           | 30       | 11        | 072       |         |          |
| M10x1.25  | 6g                                           | 30       | 11        | 073       |         |          |
| M10x1.5   | 6g                                           | 30       | 11        | 074       |         |          |
| M11x0.5   | 6g                                           | 30       | 11        | 075       |         |          |
| M11x0.75  | 6g                                           | 30       | 11        | 076       |         |          |
| M11x1     | 6g                                           | 30       | 11        | 077       |         |          |
| M11x1.5   | 6g                                           | 30       | 11        | 078       |         |          |
| M12x0.5   | 6g                                           | 38       | 10        | 079       |         |          |
| M12x0.75  | 6g                                           | 38       | 10        | 080       |         |          |
| M12x1     | 6g                                           | 38       | 10        | 081       |         |          |
| M12x1.25  | 6g                                           | 38       | 10        | 082       |         |          |
| M12x1.5   | 6g                                           | 38       | 10        | 083       |         |          |
| M12x1.75  | 6g                                           | 38       | 14        | 084       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMM    |           |           | DDRMM-G |          |
|----------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|          |                                              | Round    |           | Round     |         |          |
|          |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|          |                                              | Uncoated |           | TiN       |         |          |
| Size     | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M13x0.5  | 6g                                           | 38       | 10        | 085       |         |          |
| M13x0.75 | 6g                                           | 38       | 10        | 086       |         |          |
| M13x1    | 6g                                           | 38       | 10        | 087       |         |          |
| M13x1.5  | 6g                                           | 38       | 10        | 088       |         |          |
| M14x0.5  | 6g                                           | 38       | 10        | 089       |         |          |
| M14x0.75 | 6g                                           | 38       | 10        | 090       |         |          |
| M14x1    | 6g                                           | 38       | 10        | 091       |         |          |
| M14x1.25 | 6g                                           | 38       | 10        | 092       |         |          |
| M14x1.5  | 6g                                           | 38       | 10        | 093       |         |          |
| M14x2    | 6g                                           | 38       | 14        | 094       |         |          |
| M15x0.5  | 6g                                           | 38       | 14        | 095       |         |          |
| M15x0.75 | 6g                                           | 38       | 14        | 096       |         |          |
| M15x1    | 6g                                           | 38       | 14        | 097       |         |          |
| M15x1.5  | 6g                                           | 38       | 14        | 098       |         |          |
| M16x0.5  | 6g                                           | 45       | 14        | 099       |         |          |
| M16x0.75 | 6g                                           | 45       | 14        | 100       |         |          |
| M16x1    | 6g                                           | 45       | 14        | 101       |         |          |
| M16x1.25 | 6g                                           | 45       | 14        | 102       |         |          |
| M16x1.5  | 6g                                           | 45       | 14        | 103       |         |          |
| M16x2    | 6g                                           | 45       | 18        | 104       |         |          |
| M17x0.5  | 6g                                           | 45       | 14        | 105       |         |          |
| M17x0.75 | 6g                                           | 45       | 14        | 106       |         |          |
| M17x1    | 6g                                           | 45       | 14        | 107       |         |          |
| M17x1.5  | 6g                                           | 45       | 14        | 108       |         |          |
| M18x0.5  | 6g                                           | 45       | 14        | 109       |         |          |
| M18x0.75 | 6g                                           | 45       | 14        | 110       |         |          |
| M18x1    | 6g                                           | 45       | 14        | 111       |         |          |
| M18x1.25 | 6g                                           | 45       | 14        | 112       |         |          |
| M18x1.5  | 6g                                           | 45       | 14        | 113       |         |          |
| M18x2    | 6g                                           | 45       | 14        | 114       |         |          |
| M18x2.5  | 6g                                           | 45       | 18        | 115       |         |          |
| M19x0.5  | 6g                                           | 45       | 14        | 116       |         |          |
| M19x0.75 | 6g                                           | 45       | 14        | 117       |         |          |
| M19x1    | 6g                                           | 45       | 14        | 118       |         |          |
| M19x1.5  | 6g                                           | 45       | 14        | 119       |         |          |
| M19x2    | 6g                                           | 45       | 14        | 120       |         |          |
| M20x0.5  | 6g                                           | 45       | 14        | 121       |         |          |
| M20x0.75 | 6g                                           | 45       | 14        | 122       |         |          |
| M20x1    | 6g                                           | 45       | 14        | 123       |         |          |
| M20x1.25 | 6g                                           | 45       | 14        | 124       |         |          |
| M20x1.5  | 6g                                           | 45       | 14        | 125       |         |          |
| M20x2    | 6g                                           | 45       | 14        | 126       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMM    |           |           | DDRMM-G |          |
|----------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|          |                                              | Round    |           | Round     |         |          |
|          |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|          |                                              | Uncoated |           | TiN       |         |          |
| Size     | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M20x2.5  | 6g                                           | 45       | 18        | 127       |         |          |
| M21x0.5  | 6g                                           | 45       | 14        | 128       |         |          |
| M21x0.75 | 6g                                           | 45       | 14        | 129       |         |          |
| M21x1    | 6g                                           | 45       | 14        | 130       |         |          |
| M21x1.5  | 6g                                           | 45       | 14        | 131       |         |          |
| M21x2    | 6g                                           | 45       | 14        | 132       |         |          |
| M22x0.5  | 6g                                           | 55       | 16        | 133       |         |          |
| M22x0.75 | 6g                                           | 55       | 16        | 134       |         |          |
| M22x1    | 6g                                           | 55       | 16        | 135       |         |          |
| M22x1.5  | 6g                                           | 55       | 16        | 136       |         |          |
| M22x2    | 6g                                           | 55       | 16        | 137       |         |          |
| M22x2.5  | 6g                                           | 55       | 22        | 138       |         |          |
| M23x0.5  | 6g                                           | 55       | 16        | 139       |         |          |
| M23x0.75 | 6g                                           | 55       | 16        | 140       |         |          |
| M23x1    | 6g                                           | 55       | 16        | 141       |         |          |
| M23x1.5  | 6g                                           | 55       | 16        | 142       |         |          |
| M23x2    | 6g                                           | 55       | 16        | 143       |         |          |
| M24x0.5  | 6g                                           | 55       | 16        | 144       |         |          |
| M24x0.75 | 6g                                           | 55       | 16        | 145       |         |          |
| M24x1    | 6g                                           | 55       | 16        | 146       |         |          |
| M24x1.5  | 6g                                           | 55       | 16        | 147       |         |          |
| M24x2    | 6g                                           | 55       | 16        | 148       |         |          |
| M24x3    | 6g                                           | 55       | 22        | 149       |         |          |
| M25x0.5  | 6g                                           | 55       | 16        | 150       |         |          |
| M25x0.75 | 6g                                           | 55       | 16        | 151       |         |          |
| M25x1    | 6g                                           | 55       | 16        | 152       |         |          |
| M25x1.5  | 6g                                           | 55       | 16        | 153       |         |          |
| M25x2    | 6g                                           | 55       | 16        | 154       |         |          |
| M26x0.5  | 6g                                           | 55       | 16        | 155       |         |          |
| M26x0.75 | 6g                                           | 55       | 16        | 156       |         |          |
| M26x1    | 6g                                           | 55       | 16        | 157       |         |          |
| M26x1.5  | 6g                                           | 55       | 16        | 158       |         |          |
| M26x2    | 6g                                           | 55       | 16        | 159       |         |          |
| M27x0.5  | 6g                                           | 65       | 18        | 160       |         |          |
| M27x0.75 | 6g                                           | 65       | 18        | 161       |         |          |
| M27x1    | 6g                                           | 65       | 18        | 162       |         |          |
| M27x1.5  | 6g                                           | 65       | 18        | 163       |         |          |
| M27x2    | 6g                                           | 65       | 18        | 164       |         |          |
| M27x3    | 6g                                           | 65       | 25        | 165       |         |          |
| M28x0.5  | 6g                                           | 65       | 18        | 166       |         |          |
| M28x0.75 | 6g                                           | 65       | 18        | 167       |         |          |
| M28x1    | 6g                                           | 65       | 18        | 168       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|          | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMM    |           |           | DDRMM-G |          |
|----------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|          |                                              | Round    |           | Round     |         |          |
|          |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|          |                                              | Uncoated |           | TiN       |         |          |
| Size     | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M28x1.5  | 6g                                           | 65       | 18        | 169       |         |          |
| M28x2    | 6g                                           | 65       | 18        | 170       |         |          |
| M30x0.5  | 6g                                           | 65       | 18        | 171       |         |          |
| M30x0.75 | 6g                                           | 65       | 18        | 172       |         |          |
| M30x1    | 6g                                           | 65       | 18        | 173       |         |          |
| M30x1.5  | 6g                                           | 65       | 18        | 174       |         |          |
| M30x2    | 6g                                           | 65       | 18        | 175       |         |          |
| M30x3    | 6g                                           | 65       | 25        | 176       |         |          |
| M30x3.5  | 6g                                           | 65       | 25        | 177       |         |          |
| M32x1    | 6g                                           | 65       | 18        | 178       |         |          |
| M32x1.5  | 6g                                           | 65       | 18        | 179       |         |          |
| M32x2    | 6g                                           | 65       | 18        | 180       |         |          |
| M33x1    | 6g                                           | 65       | 18        | 181       |         |          |
| M33x1.5  | 6g                                           | 65       | 18        | 182       |         |          |
| M33x2    | 6g                                           | 65       | 18        | 183       |         |          |
| M33x3.5  | 6g                                           | 65       | 25        | 184       |         |          |
| M35x1    | 6g                                           | 65       | 18        | 185       |         |          |
| M35x1.5  | 6g                                           | 65       | 18        | 186       |         |          |
| M35x2    | 6g                                           | 65       | 18        | 187       |         |          |
| M35x3.5  | 6g                                           | 65       | 25        | 188       |         |          |
| M36x1    | 6g                                           | 65       | 18        | 189       |         |          |
| M36x1.5  | 6g                                           | 65       | 18        | 190       |         |          |
| M36x2    | 6g                                           | 65       | 18        | 191       |         |          |
| M36x3    | 6g                                           | 65       | 25        | 192       |         |          |
| M36x4    | 6g                                           | 65       | 25        | 193       |         |          |
| M38x1    | 6g                                           | 75       | 20        | 194       |         |          |
| M38x1.5  | 6g                                           | 75       | 20        | 195       |         |          |
| M38x2    | 6g                                           | 75       | 20        | 196       |         |          |
| M38x3    | 6g                                           | 75       | 20        | 197       |         |          |
| M39x1    | 6g                                           | 75       | 20        | 198       |         |          |
| M39x1.5  | 6g                                           | 75       | 20        | 199       |         |          |
| M39x2    | 6g                                           | 75       | 20        | 200       |         |          |
| M39x3    | 6g                                           | 75       | 30        | 201       |         |          |
| M39x4    | 6g                                           | 75       | 30        | 202       |         |          |
| M40x1    | 6g                                           | 75       | 20        | 203       |         |          |
| M40x1.5  | 6g                                           | 75       | 20        | 204       |         |          |
| M40x2    | 6g                                           | 75       | 20        | 205       |         |          |
| M40x3    | 6g                                           | 75       | 30        | 206       |         |          |
| M42x1    | 6g                                           | 75       | 20        | 207       |         |          |
| M42x1.5  | 6g                                           | 75       | 20        | 208       |         |          |
| M42x2    | 6g                                           | 75       | 20        | 209       |         |          |
| M42x3    | 6g                                           | 75       | 30        | 210       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|         | Class Code<br>Geometry<br>Chamfer<br>Coating | DDRMM    |           |           | DDRMM-G |          |
|---------|----------------------------------------------|----------|-----------|-----------|---------|----------|
|         |                                              | Round    |           | Round     |         |          |
|         |                                              | 1.5P-2P  |           | 1.5P-2P   |         |          |
|         |                                              | Uncoated |           | TiN       |         |          |
| Size    | Limit                                        | Outside  | Thickness | Size Code | Moq     | Price \$ |
| M42x4.5 | 6g                                           | 75       | 30        | 211       |         |          |
| M45x1   | 6g                                           | 90       | 22        | 212       |         |          |
| M45x1.5 | 6g                                           | 90       | 22        | 213       |         |          |
| M45x2   | 6g                                           | 90       | 22        | 214       |         |          |
| M45x3   | 6g                                           | 90       | 36        | 215       |         |          |
| M45x4.5 | 6g                                           | 90       | 36        | 216       |         |          |
| M48x1   | 6g                                           | 90       | 22        | 217       |         |          |
| M48x1.5 | 6g                                           | 90       | 22        | 218       |         |          |
| M48x2   | 6g                                           | 90       | 22        | 219       |         |          |
| M48x3   | 6g                                           | 90       | 36        | 220       |         |          |
| M48x4   | 6g                                           | 90       | 36        | 221       |         |          |
| M48x5   | 6g                                           | 90       | 36        | 222       |         |          |
| M50x1   | 6g                                           | 90       | 22        | 223       |         |          |
| M50x1.5 | 6g                                           | 90       | 22        | 224       |         |          |
| M50x2   | 6g                                           | 90       | 22        | 225       |         |          |
| M50x3   | 6g                                           | 90       | 36        | 226       |         |          |
| M50x4   | 6g                                           | 90       | 36        | 227       |         |          |
| M52x1   | 6g                                           | 90       | 22        | 228       |         |          |
| M52x1.5 | 6g                                           | 90       | 22        | 229       |         |          |
| M52x2   | 6g                                           | 90       | 22        | 230       |         |          |
| M52x3   | 6g                                           | 90       | 36        | 231       |         |          |
| M52x4   | 6g                                           | 90       | 36        | 232       |         |          |
| M52x5   | 6g                                           | 90       | 22        | 233       |         |          |
| M55x2   | 6g                                           | 105      | 22        | 234       |         |          |
| M55x3   | 6g                                           | 105      | 36        | 235       |         |          |
| M55x4   | 6g                                           | 105      | 36        | 236       |         |          |
| M56x2   | 6g                                           | 105      | 22        | 237       |         |          |
| M56x3   | 6g                                           | 105      | 36        | 238       |         |          |
| M56x4   | 6g                                           | 105      | 36        | 239       |         |          |
| M56x5.5 | 6g                                           | 105      | 36        | 240       |         |          |
| M58x2   | 6g                                           | 105      | 22        | 241       |         |          |
| M58x3   | 6g                                           | 105      | 36        | 242       |         |          |
| M58x4   | 6g                                           | 105      | 36        | 243       |         |          |
| M60x2   | 6g                                           | 105      | 22        | 244       |         |          |
| M60x3   | 6g                                           | 105      | 36        | 245       |         |          |
| M60x4   | 6g                                           | 105      | 36        | 246       |         |          |
| M60x5.5 | 6g                                           | 105      | 36        | 247       |         |          |
| M62x2   | 6g                                           | 105      | 22        | 248       |         |          |
| M62x3   | 6g                                           | 105      | 36        | 249       |         |          |
| M62x4   | 6g                                           | 105      | 36        | 250       |         |          |
| M64x2   | 6g                                           | 120      | 22        | 251       |         |          |
| M64x3   | 6g                                           | 120      | 36        | 252       |         |          |

## DIN223 M Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN223 UNC UNF Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|             | Class Code<br>Geometry<br>Chamfer<br>Coating | DDR      |           |           | DDR-G |          |
|-------------|----------------------------------------------|----------|-----------|-----------|-------|----------|
|             |                                              | Round    |           | Round     |       |          |
|             |                                              | 1.5P-2P  |           | 1.5P-2P   |       |          |
|             |                                              | Uncoated |           | TiN       |       |          |
| Size        | Limit                                        | Outside  | Thickness | Size Code | Moq   | Price \$ |
| No.0-80UNF  | 2A                                           | 16       | 5         | 001       |       |          |
| No.1-64UNC  | 2A                                           | 16       | 5         | 002       |       |          |
| No.1-72UNF  | 2A                                           | 16       | 5         | 003       |       |          |
| No.2-56UNC  | 2A                                           | 16       | 5         | 004       |       |          |
| No.2-64UNF  | 2A                                           | 16       | 5         | 005       |       |          |
| No.3-48UNC  | 2A                                           | 16       | 5         | 006       |       |          |
| No.3-56UNF  | 2A                                           | 16       | 5         | 007       |       |          |
| No.4-40UNC  | 2A                                           | 20       | 5         | 008       |       |          |
| No.4-48UNF  | 2A                                           | 20       | 5         | 009       |       |          |
| No.5-40UNC  | 2A                                           | 20       | 5         | 010       |       |          |
| No.5-44UNF  | 2A                                           | 20       | 5         | 011       |       |          |
| No.6-32UNC  | 2A                                           | 20       | 7         | 012       |       |          |
| No.6-40UNF  | 2A                                           | 20       | 5         | 013       |       |          |
| No.8-32UNC  | 2A                                           | 20       | 7         | 014       |       |          |
| No.8-36UNF  | 2A                                           | 20       | 7         | 015       |       |          |
| No.10-24UNC | 2A                                           | 20       | 7         | 016       |       |          |
| No.10-28UNF | 2A                                           | 20       | 7         | 017       |       |          |
| No.12-24UNC | 2A                                           | 20       | 7         | 018       |       |          |
| No.12-28UNF | 2A                                           | 20       | 7         | 019       |       |          |
| 1/4-20UNC   | 2A                                           | 20       | 7         | 020       |       |          |
| 1/4-28UNF   | 2A                                           | 20       | 7         | 021       |       |          |
| 5/16-18UNC  | 2A                                           | 25       | 9         | 022       |       |          |
| 5/16-24UNF  | 2A                                           | 25       | 9         | 023       |       |          |
| 3/8-16UNC   | 2A                                           | 30       | 11        | 024       |       |          |
| 3/8-24UNF   | 2A                                           | 30       | 11        | 025       |       |          |
| 7/16-14UNC  | 2A                                           | 30       | 11        | 026       |       |          |
| 7/16-20UNF  | 2A                                           | 30       | 11        | 027       |       |          |
| 1/2-13UNC   | 2A                                           | 38       | 14        | 028       |       |          |
| 1/2-20UNF   | 2A                                           | 38       | 10        | 029       |       |          |
| 9/16-12UNC  | 2A                                           | 38       | 14        | 030       |       |          |
| 9/16-18UNF  | 2A                                           | 38       | 10        | 031       |       |          |
| 5/8-11UNC   | 2A                                           | 45       | 18        | 032       |       |          |
| 5/8-18UNF   | 2A                                           | 45       | 14        | 033       |       |          |
| 3/4-10UNC   | 2A                                           | 45       | 18        | 034       |       |          |
| 3/4-16UNF   | 2A                                           | 45       | 14        | 035       |       |          |
| 7/8-9UNC    | 2A                                           | 55       | 22        | 036       |       |          |
| 7/8-12UNF   | 2A                                           | 55       | 16        | 037       |       |          |
| 1-8UNC      | 2A                                           | 55       | 22        | 038       |       |          |
| 1-12UNF     | 2A                                           | 55       | 16        | 039       |       |          |
| 1-1/8-7UNC  | 2A                                           | 65       | 25        | 040       |       |          |
| 1-1/8-12UNF | 2A                                           | 65       | 18        | 041       |       |          |
| 1-1/4-7UNC  | 2A                                           | 65       | 25        | 042       |       |          |

## DIN223 UNC UNF Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN223 BSW Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN223 NPT Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN5158 G Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

## DIN5159 R Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

[illegible]

# DIN382 M Hexagon Die Nut



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

|           | Class Code<br>Geometry<br>Chamfer<br>Coating | DDHM     |           |           | DDHM-G |          |
|-----------|----------------------------------------------|----------|-----------|-----------|--------|----------|
|           |                                              | Hexagon  |           | Hexagon   |        |          |
|           |                                              | 1.5P-2P  |           | 1.5P-2P   |        |          |
|           |                                              | Uncoated |           | TiN       |        |          |
| Size      | Limit                                        | Outside  | Thinkness | Size Code | Moq    | Price \$ |
| M3x0.5    | 6g                                           | 19       | 5         | 001       |        |          |
| M3.5x0.6  | 6g                                           | 19       | 5         | 002       |        |          |
| M4x0.7    | 6g                                           | 19       | 5         | 003       |        |          |
| M4.5x0.75 | 6g                                           | 19       | 7         | 004       |        |          |
| M5x0.8    | 6g                                           | 19       | 7         | 005       |        |          |
| M6x1      | 6g                                           | 19       | 7         | 006       |        |          |
| M7x1      | 6g                                           | 22       | 9         | 007       |        |          |
| M8x1.25   | 6g                                           | 22       | 9         | 008       |        |          |
| M9x1.25   | 6g                                           | 22       | 9         | 009       |        |          |
| M10x1.5   | 6g                                           | 27       | 11        | 010       |        |          |
| M11x1.5   | 6g                                           | 27       | 11        | 011       |        |          |
| M12x1.75  | 6g                                           | 36       | 14        | 012       |        |          |
| M14x2     | 6g                                           | 36       | 14        | 013       |        |          |
| M16x2     | 6g                                           | 41       | 18        | 014       |        |          |
| M18x2.5   | 6g                                           | 41       | 18        | 015       |        |          |
| M20x2.5   | 6g                                           | 41       | 18        | 016       |        |          |
| M22x2.5   | 6g                                           | 50       | 22        | 017       |        |          |
| M24x3     | 6g                                           | 50       | 22        | 018       |        |          |
| M27x3     | 6g                                           | 60       | 25        | 019       |        |          |
| M30x3.5   | 6g                                           | 60       | 25        | 020       |        |          |
| M33x3.5   | 6g                                           | 60       | 25        | 021       |        |          |
| M36x4     | 6g                                           | 60       | 25        | 022       |        |          |
| M39x4     | 6g                                           | 70       | 30        | 023       |        |          |
| M42x4.5   | 6g                                           | 70       | 30        | 024       |        |          |
| M45x4.5   | 6g                                           | 85       | 36        | 025       |        |          |
| M48x5     | 6g                                           | 85       | 36        | 026       |        |          |
| M52x5     | 6g                                           | 85       | 36        | 027       |        |          |
| M3x0.35   | 6g                                           | 19       | 5         | 028       |        |          |
| M4x0.5    | 6g                                           | 19       | 5         | 029       |        |          |
| M5x0.5    | 6g                                           | 19       | 5         | 030       |        |          |
| M6x0.75   | 6g                                           | 19       | 5         | 031       |        |          |
| M7x0.75   | 6g                                           | 22       | 9         | 032       |        |          |
| M8x0.75   | 6g                                           | 22       | 9         | 033       |        |          |
| M8x1      | 6g                                           | 22       | 9         | 034       |        |          |
| M9x1      | 6g                                           | 22       | 9         | 035       |        |          |
| M10x1     | 6g                                           | 27       | 11        | 036       |        |          |
| M11x1     | 6g                                           | 27       | 11        | 037       |        |          |
| M12x1     | 6g                                           | 36       | 10        | 038       |        |          |
| M12x1.25  | 6g                                           | 36       | 10        | 039       |        |          |
| M12x1.5   | 6g                                           | 36       | 10        | 040       |        |          |
| M14x1     | 6g                                           | 36       | 10        | 041       |        |          |
| M14x1.25  | 6g                                           | 36       | 10        | 042       |        |          |

# DIN382 M Hexagon Die Nut



Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture

|         |       | Class Code |           | DDHM      |     | DDHM-G   |  |
|---------|-------|------------|-----------|-----------|-----|----------|--|
|         |       | Geometry   |           | Hexagon   |     | Hexagon  |  |
|         |       | Chamfer    |           | 1.5P-2P   |     | 1.5P-2P  |  |
|         |       | Coating    |           | Uncoated  |     | TiN      |  |
| Size    | Limit | Outside    | Thickness | Size Code | Moq | Price \$ |  |
| M14x1.5 | 6g    | 36         | 10        | 043       |     |          |  |
| M16x1.5 | 6g    | 41         | 14        | 044       |     |          |  |
| M18x1.5 | 6g    | 41         | 14        | 045       |     |          |  |
| M18x2   | 6g    | 41         | 14        | 046       |     |          |  |
| M20x1.5 | 6g    | 41         | 14        | 047       |     |          |  |
| M20x2   | 6g    | 41         | 14        | 048       |     |          |  |
| M22x1.5 | 6g    | 50         | 16        | 049       |     |          |  |
| M22x2   | 6g    | 50         | 16        | 050       |     |          |  |
| M24x1.5 | 6g    | 50         | 16        | 051       |     |          |  |
| M24x2   | 6g    | 50         | 16        | 052       |     |          |  |
| M26x1.5 | 6g    | 60         | 18        | 053       |     |          |  |
| M27x1.5 | 6g    | 60         | 18        | 054       |     |          |  |
| M27x2   | 6g    | 60         | 18        | 055       |     |          |  |
| M28x1.5 | 6g    | 60         | 18        | 056       |     |          |  |
| M30x1.5 | 6g    | 60         | 18        | 057       |     |          |  |
| M30x2   | 6g    | 60         | 18        | 058       |     |          |  |
| M32x1.5 | 6g    | 60         | 18        | 059       |     |          |  |
| M33x1.5 | 6g    | 60         | 18        | 060       |     |          |  |
| M33x2   | 6g    | 60         | 18        | 061       |     |          |  |
| M35x1.5 | 6g    | 60         | 18        | 062       |     |          |  |
| M36x1.5 | 6g    | 60         | 18        | 063       |     |          |  |
| M36x2   | 6g    | 60         | 18        | 064       |     |          |  |
| M36x3   | 6g    | 60         | 25        | 065       |     |          |  |
| M38x1.5 | 6g    | 70         | 20        | 066       |     |          |  |
| M39x1.5 | 6g    | 70         | 20        | 067       |     |          |  |
| M39x2   | 6g    | 70         | 20        | 068       |     |          |  |
| M39x3   | 6g    | 70         | 30        | 069       |     |          |  |
| M40x1.5 | 6g    | 70         | 20        | 070       |     |          |  |
| M40x2   | 6g    | 70         | 20        | 071       |     |          |  |
| M42x1.5 | 6g    | 70         | 20        | 072       |     |          |  |
| M42x2   | 6g    | 70         | 20        | 073       |     |          |  |
| M42x3   | 6g    | 70         | 30        | 074       |     |          |  |
| M45x1.5 | 6g    | 85         | 22        | 075       |     |          |  |
| M45x2   | 6g    | 85         | 22        | 076       |     |          |  |
| M45x3   | 6g    | 85         | 36        | 077       |     |          |  |
| M48x1.5 | 6g    | 85         | 22        | 078       |     |          |  |
| M48x2   | 6g    | 85         | 22        | 079       |     |          |  |
| M48x3   | 6g    | 85         | 36        | 080       |     |          |  |
| M50x1.5 | 6g    | 85         | 22        | 081       |     |          |  |
| M52x1.5 | 6g    | 85         | 22        | 082       |     |          |  |
| M52x2   | 6g    | 85         | 22        | 083       |     |          |  |
| M52x3   | 6g    | 85         | 36        | 084       |     |          |  |

## DIN382 BSW Hexagon Die Nut

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



|                | Class Code<br>Geometry<br>Chamfer<br>Coating | DDHB     |           |           | DDHB-G |          |
|----------------|----------------------------------------------|----------|-----------|-----------|--------|----------|
|                |                                              | Hexagon  |           | Hexagon   |        |          |
|                |                                              | 1.5P-2P  |           | 1.5P-2P   |        |          |
|                |                                              | Uncoated |           | TiN       |        |          |
| Size           | Limit                                        | Outside  | Thickness | Size Code | Moq    | Price \$ |
| 1/8-40BSW      | 2A                                           | 19       | 5         | 001       |        |          |
| 3/16-24BSW     | 2A                                           | 19       | 7         | 002       |        |          |
| 1/4-20BSW      | 2A                                           | 19       | 7         | 003       |        |          |
| 5/16-18BSW     | 2A                                           | 22       | 9         | 004       |        |          |
| 3/8-16BSW      | 2A                                           | 27       | 11        | 005       |        |          |
| 7/16-14BSW     | 2A                                           | 27       | 11        | 006       |        |          |
| 1/2-12BSW      | 2A                                           | 36       | 14        | 007       |        |          |
| 9/16-12BSW     | 2A                                           | 36       | 14        | 008       |        |          |
| 5/8-11BSW      | 2A                                           | 41       | 18        | 009       |        |          |
| 3/4-10BSW      | 2A                                           | 41       | 18        | 010       |        |          |
| 7/8-9BSW       | 2A                                           | 50       | 22        | 011       |        |          |
| 1-8BSW         | 2A                                           | 50       | 22        | 012       |        |          |
| 1-1/8-7BSW     | 2A                                           | 60       | 25        | 013       |        |          |
| 1-1/4-7BSW     | 2A                                           | 60       | 25        | 014       |        |          |
| 1-3/8-6BSW     | 2A                                           | 60       | 25        | 015       |        |          |
| 1-5/8-5BSW     | 2A                                           | 70       | 30        | 016       |        |          |
| 1-1/2-6BSW     | 2A                                           | 70       | 30        | 017       |        |          |
| 1-3/4-5BSW     | 2A                                           | 85       | 36        | 018       |        |          |
| 1-7/8-4-1/2BSW | 2A                                           | 85       | 36        | 019       |        |          |
| 2-4-1/2BSW     | 2A                                           | 85       | 36        | 020       |        |          |



Available on request as special manufacture



## ANSI B94.9 UNC UNF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class   | Code     | DAAU     |           |           | DAAU-G |          |            |            |
|---------|----------|----------|-----------|-----------|--------|----------|------------|------------|
|         | Geometry | Outside  | Thickness | Size Code | Moq    | Price \$ |            |            |
|         |          |          |           |           |        |          | Adjustable | Adjustable |
|         |          |          |           |           |        |          | 1.5P-2P    | 1.5P-2P    |
| Chamfer | Coating  | Uncoated | TiN       |           |        |          |            |            |
| Size    | Limit    | Outside  | Thickness | Size Code | Moq    | Price \$ |            |            |
| 0-80    |          | 13/16    | 1/4       | 001       |        |          |            |            |
| 0-80    |          | 1        | 3/8       | 002       |        |          |            |            |
| 1-64    |          | 13/16    | 1/4       | 003       |        |          |            |            |
| 1-64    |          | 1        | 3/8       | 004       |        |          |            |            |
| 1-72    |          | 13/16    | 1/4       | 005       |        |          |            |            |
| 1-72    |          | 1        | 3/8       | 006       |        |          |            |            |
| 2-56    |          | 13/16    | 1/4       | 007       |        |          |            |            |
| 2-56    |          | 1        | 3/8       | 008       |        |          |            |            |
| 2-64    |          | 13/16    | 1/4       | 009       |        |          |            |            |
| 2-64    |          | 1        | 3/8       | 010       |        |          |            |            |
| 3-48    |          | 13/16    | 1/4       | 011       |        |          |            |            |
| 3-48    |          | 1        | 3/8       | 012       |        |          |            |            |
| 3-56    |          | 13/16    | 1/4       | 013       |        |          |            |            |
| 3-56    |          | 1        | 3/8       | 014       |        |          |            |            |
| 4-40    |          | 13/16    | 1/4       | 015       |        |          |            |            |
| 4-40    |          | 1        | 3/8       | 016       |        |          |            |            |
| 4-48    |          | 13/16    | 1/4       | 017       |        |          |            |            |
| 4-48    |          | 1        | 3/8       | 018       |        |          |            |            |
| 5-40    |          | 13/16    | 1/4       | 019       |        |          |            |            |
| 5-40    |          | 1        | 3/8       | 020       |        |          |            |            |
| 5-44    |          | 13/16    | 1/4       | 021       |        |          |            |            |
| 5-44    |          | 1        | 3/8       | 022       |        |          |            |            |
| 6-32    |          | 13/16    | 1/4       | 023       |        |          |            |            |
| 6-32    |          | 1        | 3/8       | 024       |        |          |            |            |
| 6-40    |          | 13/16    | 1/4       | 025       |        |          |            |            |
| 6-40    |          | 1        | 3/8       | 026       |        |          |            |            |
| 8-32    |          | 13/16    | 1/4       | 027       |        |          |            |            |
| 8-32    |          | 1        | 3/8       | 028       |        |          |            |            |
| 8-36    |          | 13/16    | 1/4       | 029       |        |          |            |            |
| 8-36    |          | 1        | 3/8       | 030       |        |          |            |            |
| 10-24   |          | 13/16    | 1/4       | 031       |        |          |            |            |
| 10-24   |          | 1        | 3/8       | 032       |        |          |            |            |
| 10-32   |          | 13/16    | 1/4       | 033       |        |          |            |            |
| 10-32   |          | 1        | 3/8       | 034       |        |          |            |            |
| 12-24   |          | 13/16    | 1/4       | 035       |        |          |            |            |
| 12-24   |          | 1        | 3/8       | 036       |        |          |            |            |
| 12-28   |          | 13/16    | 1/4       | 037       |        |          |            |            |
| 12-28   |          | 1        | 3/8       | 038       |        |          |            |            |
| 1/4-20  |          | 13/16    | 1/4       | 039       |        |          |            |            |
| 1/4-20  |          | 1        | 3/8       | 040       |        |          |            |            |
| 1/4-20  |          | 1-1/2    | 1/2       | 041       |        |          |            |            |
| 1/4-20  |          | 2        | 5/8       | 042       |        |          |            |            |

## ANSI B94.9 UNC UNF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size     | Limit | Class Code<br>Geometry<br>Chamfer<br>Coating | DAAU       |           | DAAU-G     |          |
|----------|-------|----------------------------------------------|------------|-----------|------------|----------|
|          |       |                                              | Adjustable |           | Adjustable |          |
|          |       |                                              | 1.5P-2P    |           | 1.5P-2P    |          |
|          |       |                                              | Uncoated   |           | TiN        |          |
| Size     | Limit | Outside                                      | Thickness  | Size Code | Moq        | Price \$ |
| 1/4-28   |       | 13/16                                        | 1/4        | 043       |            |          |
| 1/4-28   |       | 1                                            | 3/8        | 044       |            |          |
| 1/4-28   |       | 1-1/2                                        | 1/2        | 045       |            |          |
| 1/4-28   |       | 2                                            | 5/8        | 046       |            |          |
| 5/16-18  |       | 13/16                                        | 1/4        | 047       |            |          |
| 5/16-18  |       | 1                                            | 3/8        | 048       |            |          |
| 5/16-18  |       | 1-1/2                                        | 1/2        | 049       |            |          |
| 5/16-18  |       | 2                                            | 5/8        | 050       |            |          |
| 5/16-24  |       | 13/16                                        | 1/4        | 051       |            |          |
| 5/16-24  |       | 1                                            | 3/8        | 052       |            |          |
| 5/16-24  |       | 1-1/2                                        | 1/2        | 053       |            |          |
| 5/16-24  |       | 2                                            | 5/8        | 054       |            |          |
| 3/8-16   |       | 1                                            | 3/8        | 055       |            |          |
| 3/8-16   |       | 1-1/2                                        | 1/2        | 056       |            |          |
| 3/8-16   |       | 2                                            | 5/8        | 057       |            |          |
| 3/8-24   |       | 1                                            | 3/8        | 058       |            |          |
| 3/8-24   |       | 1-1/2                                        | 1/2        | 059       |            |          |
| 3/8-24   |       | 2                                            | 5/8        | 060       |            |          |
| 7/16-14  |       | 1                                            | 3/8        | 061       |            |          |
| 7/16-14  |       | 1-1/2                                        | 1/2        | 062       |            |          |
| 7/16-14  |       | 2                                            | 5/8        | 063       |            |          |
| 7/16-20  |       | 1                                            | 3/8        | 064       |            |          |
| 7/16-20  |       | 1-1/2                                        | 1/2        | 065       |            |          |
| 7/16-20  |       | 2                                            | 5/8        | 066       |            |          |
| 1/2-13   |       | 1                                            | 3/8        | 067       |            |          |
| 1/2-13   |       | 1-1/2                                        | 1/2        | 068       |            |          |
| 1/2-13   |       | 2                                            | 5/8        | 069       |            |          |
| 1/2-20   |       | 1                                            | 3/8        | 070       |            |          |
| 1/2-20   |       | 1-1/2                                        | 1/2        | 071       |            |          |
| 1/2-20   |       | 2                                            | 5/8        | 072       |            |          |
| 9/16-12  |       | 1-1/2                                        | 1/2        | 073       |            |          |
| 9/16-12  |       | 2                                            | 5/8        | 074       |            |          |
| 9/16-18  |       | 1-1/2                                        | 1/2        | 075       |            |          |
| 9/16-18  |       | 2                                            | 5/8        | 076       |            |          |
| 5/8-11   |       | 1-1/2                                        | 1/2        | 077       |            |          |
| 5/8-11   |       | 2                                            | 5/8        | 078       |            |          |
| 5/8-18   |       | 1-1/2                                        | 1/2        | 079       |            |          |
| 5/8-18   |       | 2                                            | 5/8        | 080       |            |          |
| 11/16-11 |       | 1-1/2                                        | 1/2        | 081       |            |          |
| 11/16-11 |       | 2                                            | 5/8        | 082       |            |          |
| 11/16-16 |       | 1-1/2                                        | 1/2        | 083       |            |          |
| 11/16-16 |       | 2                                            | 5/8        | 084       |            |          |

## ANSI B94.9 UNC UNF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Class Code | Geometry | DAAU    |           |           | DAAU-G    |          |          |            |  |
|------------|----------|---------|-----------|-----------|-----------|----------|----------|------------|--|
|            |          | Limit   | Outside   | Thinkness | Size Code | Moq      | Price \$ |            |  |
|            |          |         |           |           |           |          |          | Adjustable |  |
|            |          |         |           |           |           |          |          | Adjustable |  |
| Chamfer    | 1.5P-2P  |         | 1.5P-2P   |           |           |          |          |            |  |
| Coating    | Uncoated |         | TiN       |           |           |          |          |            |  |
| Size       | Limit    | Outside | Thinkness | Size Code | Moq       | Price \$ |          |            |  |
| 3/4-10     |          | 1-1/2   | 1/2       | 085       |           |          |          |            |  |
| 3/4-10     |          | 2       | 5/8       | 086       |           |          |          |            |  |
| 3/4-16     |          | 1-1/2   | 1/2       | 087       |           |          |          |            |  |
| 3/4-16     |          | 2       | 5/8       | 088       |           |          |          |            |  |
| 7/8-9      |          | 2       | 5/8       | 089       |           |          |          |            |  |
| 7/8-14     |          | 2       | 5/8       | 090       |           |          |          |            |  |
| 1-8        |          | 2       | 5/8       | 091       |           |          |          |            |  |
| 1-8        |          | 2-1/2   | 3/4       | 092       |           |          |          |            |  |
| 1-8        |          | 3       | 7/8       | 093       |           |          |          |            |  |
| 1-12       |          | 2       | 5/8       | 094       |           |          |          |            |  |
| 1-12       |          | 2-1/2   | 3/4       | 095       |           |          |          |            |  |
| 1-12       |          | 3       | 7/8       | 096       |           |          |          |            |  |
| 1-14       |          | 2       | 5/8       | 097       |           |          |          |            |  |
| 1-14       |          | 2-1/2   | 3/4       | 098       |           |          |          |            |  |
| 1-14       |          | 3       | 7/8       | 099       |           |          |          |            |  |
| 1-1/8-7    |          | 2-1/2   | 3/4       | 100       |           |          |          |            |  |
| 1-1/8-7    |          | 3       | 7/8       | 101       |           |          |          |            |  |
| 1-1/8-12   |          | 2-1/2   | 3/4       | 102       |           |          |          |            |  |
| 1-1/8-12   |          | 3       | 7/8       | 103       |           |          |          |            |  |
| 1-1/4-7    |          | 2-1/2   | 3/4       | 104       |           |          |          |            |  |
| 1-1/4-7    |          | 3       | 7/8       | 105       |           |          |          |            |  |
| 1-1/4-12   |          | 2-1/2   | 3/4       | 106       |           |          |          |            |  |
| 1-1/4-12   |          | 3       | 7/8       | 107       |           |          |          |            |  |
| 1-3/8-6    |          | 2-1/2   | 3/4       | 108       |           |          |          |            |  |
| 1-3/8-6    |          | 3       | 7/8       | 109       |           |          |          |            |  |
| 1-3/8-12   |          | 2-1/2   | 3/4       | 110       |           |          |          |            |  |
| 1-3/8-12   |          | 3       | 7/8       | 111       |           |          |          |            |  |
| 1-1/2-6    |          | 2-1/2   | 3/4       | 112       |           |          |          |            |  |
| 1-1/2-6    |          | 3       | 7/8       | 113       |           |          |          |            |  |
| 1-1/2-12   |          | 2-1/2   | 3/4       | 114       |           |          |          |            |  |
| 1-1/2-12   |          | 3       | 7/8       | 115       |           |          |          |            |  |
| 1-3/4-5    |          | 3       | 7/8       | 116       |           |          |          |            |  |
| 1-3/4-12   |          | 3       | 7/8       | 117       |           |          |          |            |  |
| 2-4-1/2    |          | 3       | 7/8       | 118       |           |          |          |            |  |
| 2-12       |          | 3       | 7/8       | 119       |           |          |          |            |  |
|            |          |         |           |           |           |          |          |            |  |
|            |          |         |           |           |           |          |          |            |  |
|            |          |         |           |           |           |          |          |            |  |
|            |          |         |           |           |           |          |          |            |  |
|            |          |         |           |           |           |          |          |            |  |

## ANSI B94.9 M MF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size      | Limit | Outside | Thickness | Size Code | Moq | Price \$ | Class Code | Geometry | DAAM       |          | DAAM-G     |         |  |
|-----------|-------|---------|-----------|-----------|-----|----------|------------|----------|------------|----------|------------|---------|--|
|           |       |         |           |           |     |          |            | Chamfer  | Adjustable |          | Adjustable |         |  |
|           |       |         |           |           |     |          |            |          | Coating    | 1.5P-2P  |            | 1.5P-2P |  |
|           |       |         |           |           |     |          |            |          |            | Uncoated |            | TiN     |  |
| M1.6x0.35 |       | 13/16   | 1/4       | 001       |     |          |            |          |            |          |            |         |  |
| M1.6x0.35 |       | 1       | 3/8       | 002       |     |          |            |          |            |          |            |         |  |
| M1.8x0.35 |       | 13/16   | 1/4       | 003       |     |          |            |          |            |          |            |         |  |
| M1.8x0.35 |       | 1       | 3/8       | 004       |     |          |            |          |            |          |            |         |  |
| M2x0.4    |       | 13/16   | 1/4       | 005       |     |          |            |          |            |          |            |         |  |
| M2x0.4    |       | 1       | 3/8       | 006       |     |          |            |          |            |          |            |         |  |
| M2.2x0.45 |       | 13/16   | 1/4       | 007       |     |          |            |          |            |          |            |         |  |
| M2.2x0.45 |       | 1       | 3/8       | 008       |     |          |            |          |            |          |            |         |  |
| M2.3x0.4  |       | 13/16   | 1/4       | 009       |     |          |            |          |            |          |            |         |  |
| M2.3x0.4  |       | 1       | 3/8       | 010       |     |          |            |          |            |          |            |         |  |
| M2.5x0.45 |       | 13/16   | 1/4       | 011       |     |          |            |          |            |          |            |         |  |
| M2.5x0.45 |       | 1       | 3/8       | 012       |     |          |            |          |            |          |            |         |  |
| M2.6x0.45 |       | 13/16   | 1/4       | 013       |     |          |            |          |            |          |            |         |  |
| M2.6x0.45 |       | 1       | 3/8       | 014       |     |          |            |          |            |          |            |         |  |
| M3x0.5    |       | 13/16   | 1/4       | 015       |     |          |            |          |            |          |            |         |  |
| M3x0.5    |       | 1       | 3/8       | 016       |     |          |            |          |            |          |            |         |  |
| M3x0.6    |       | 13/16   | 1/4       | 017       |     |          |            |          |            |          |            |         |  |
| M3x0.6    |       | 1       | 3/8       | 018       |     |          |            |          |            |          |            |         |  |
| M3.5x0.6  |       | 13/16   | 1/4       | 019       |     |          |            |          |            |          |            |         |  |
| M3.5x0.6  |       | 1       | 3/8       | 020       |     |          |            |          |            |          |            |         |  |
| M4x0.5    |       | 13/16   | 1/4       | 021       |     |          |            |          |            |          |            |         |  |
| M4x0.5    |       | 1       | 3/8       | 022       |     |          |            |          |            |          |            |         |  |
| M4x0.7    |       | 13/16   | 1/4       | 023       |     |          |            |          |            |          |            |         |  |
| M4x0.7    |       | 1       | 3/8       | 024       |     |          |            |          |            |          |            |         |  |
| M4x0.75   |       | 13/16   | 1/4       | 025       |     |          |            |          |            |          |            |         |  |
| M4x0.75   |       | 1       | 3/8       | 026       |     |          |            |          |            |          |            |         |  |
| M4.5x0.5  |       | 13/16   | 1/4       | 027       |     |          |            |          |            |          |            |         |  |
| M4.5x0.5  |       | 1       | 3/8       | 028       |     |          |            |          |            |          |            |         |  |
| M4.5x0.75 |       | 13/16   | 1/4       | 029       |     |          |            |          |            |          |            |         |  |
| M4.5x0.75 |       | 1       | 3/8       | 030       |     |          |            |          |            |          |            |         |  |
| M5x0.5    |       | 13/16   | 1/4       | 031       |     |          |            |          |            |          |            |         |  |
| M5x0.5    |       | 1       | 3/8       | 032       |     |          |            |          |            |          |            |         |  |
| M5x0.8    |       | 13/16   | 1/4       | 033       |     |          |            |          |            |          |            |         |  |
| M5x0.8    |       | 1       | 3/8       | 034       |     |          |            |          |            |          |            |         |  |
| M5x0.9    |       | 13/16   | 1/4       | 035       |     |          |            |          |            |          |            |         |  |
| M5x0.9    |       | 1       | 3/8       | 036       |     |          |            |          |            |          |            |         |  |
| M6x0.5    |       | 13/16   | 1/4       | 037       |     |          |            |          |            |          |            |         |  |
| M6x0.5    |       | 1       | 3/8       | 038       |     |          |            |          |            |          |            |         |  |
| M6x0.75   |       | 13/16   | 1/4       | 039       |     |          |            |          |            |          |            |         |  |
| M6x0.75   |       | 1       | 3/8       | 040       |     |          |            |          |            |          |            |         |  |
| M6x1      |       | 13/16   | 1/4       | 041       |     |          |            |          |            |          |            |         |  |
| M6x1      |       | 1       | 3/8       | 042       |     |          |            |          |            |          |            |         |  |

## ANSI B94.9 M MF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size     | Limit | Outside | Thickness | Size Code | Moq | Price \$ | Class Code | Geometry | DAAM       | DAAM-G     |
|----------|-------|---------|-----------|-----------|-----|----------|------------|----------|------------|------------|
|          |       |         |           |           |     |          |            | Chamfer  | Adjustable | Adjustable |
|          |       |         |           |           |     |          |            | Coating  | 1.5P-2P    | 1.5P-2P    |
|          |       |         |           |           |     |          |            |          | Uncoated   | TiN        |
| M6.3x1   |       | 1       | 3/8       | 043       |     |          |            |          |            |            |
| M7x0.75  |       | 1       | 3/8       | 044       |     |          |            |          |            |            |
| M7x1     |       | 1       | 3/8       | 045       |     |          |            |          |            |            |
| M8x0.75  |       | 1       | 3/8       | 046       |     |          |            |          |            |            |
| M8x1     |       | 1       | 3/8       | 047       |     |          |            |          |            |            |
| M8x1.25  |       | 1       | 3/8       | 048       |     |          |            |          |            |            |
| M9x1     |       | 1       | 3/8       | 049       |     |          |            |          |            |            |
| M9x1     |       | 1-1/2   | 1/2       | 050       |     |          |            |          |            |            |
| M9x1.25  |       | 1       | 3/8       | 051       |     |          |            |          |            |            |
| M9x1.25  |       | 1-1/2   | 1/2       | 052       |     |          |            |          |            |            |
| M10x0.75 |       | 1       | 3/8       | 053       |     |          |            |          |            |            |
| M10x0.75 |       | 1-1/2   | 1/2       | 054       |     |          |            |          |            |            |
| M10x1    |       | 1       | 3/8       | 055       |     |          |            |          |            |            |
| M10x1    |       | 1-1/2   | 1/2       | 056       |     |          |            |          |            |            |
| M10x1.25 |       | 1       | 3/8       | 057       |     |          |            |          |            |            |
| M10x1.25 |       | 1-1/2   | 1/2       | 058       |     |          |            |          |            |            |
| M10x1.5  |       | 1       | 3/8       | 059       |     |          |            |          |            |            |
| M10x1.5  |       | 1-1/2   | 1/2       | 060       |     |          |            |          |            |            |
| M11x1    |       | 1       | 3/8       | 061       |     |          |            |          |            |            |
| M11x1    |       | 1-1/2   | 1/2       | 062       |     |          |            |          |            |            |
| M11x1.5  |       | 1       | 3/8       | 063       |     |          |            |          |            |            |
| M11x1.5  |       | 1-1/2   | 1/2       | 064       |     |          |            |          |            |            |
| M12x1    |       | 1       | 3/8       | 065       |     |          |            |          |            |            |
| M12x1    |       | 1-1/2   | 1/2       | 066       |     |          |            |          |            |            |
| M12x1.25 |       | 1       | 3/8       | 067       |     |          |            |          |            |            |
| M12x1.25 |       | 1-1/2   | 1/2       | 068       |     |          |            |          |            |            |
| M12x1.5  |       | 1-1/2   | 1/2       | 069       |     |          |            |          |            |            |
| M12x1.75 |       | 1-1/2   | 1/2       | 070       |     |          |            |          |            |            |
| M14x1    |       | 1-1/2   | 1/2       | 071       |     |          |            |          |            |            |
| M14x1.25 |       | 1-1/2   | 1/2       | 072       |     |          |            |          |            |            |
| M14x1.5  |       | 1-1/2   | 1/2       | 073       |     |          |            |          |            |            |
| M14x2    |       | 1-1/2   | 1/2       | 074       |     |          |            |          |            |            |
| M15x1.5  |       | 1-1/2   | 1/2       | 075       |     |          |            |          |            |            |
| M15x1.5  |       | 2       | 5/8       | 076       |     |          |            |          |            |            |
| M16x1    |       | 1-1/2   | 1/2       | 077       |     |          |            |          |            |            |
| M16x1    |       | 2       | 5/8       | 078       |     |          |            |          |            |            |
| M16x1.5  |       | 1-1/2   | 1/2       | 079       |     |          |            |          |            |            |
| M16x1.5  |       | 2       | 5/8       | 080       |     |          |            |          |            |            |
| M16x2    |       | 1-1/2   | 1/2       | 081       |     |          |            |          |            |            |
| M16x2    |       | 2       | 5/8       | 082       |     |          |            |          |            |            |
| M17x1.5  |       | 1-1/2   | 1/2       | 083       |     |          |            |          |            |            |
| M17x1.5  |       | 2       | 5/8       | 084       |     |          |            |          |            |            |

## ANSI B94.9 M MF Adjustable Round Dies

Item#=Class Code+Size Code

Material :M42,M35,M2,4341,4241,Alloy steel

Coating:TiN,TiCN,TiAlN

Available on request as special manufacture



| Size    | Limit | Class Code<br>Geometry<br>Chamfer<br>Coating | DAAM       |           | DAAM-G     |          |
|---------|-------|----------------------------------------------|------------|-----------|------------|----------|
|         |       |                                              | Adjustable |           | Adjustable |          |
|         |       |                                              | 1.5P-2P    |           | 1.5P-2P    |          |
|         |       |                                              | Uncoated   |           | TiN        |          |
| Size    | Limit | Outside                                      | Thinkness  | Size Code | Moq        | Price \$ |
| M18x1.5 |       | 1-1/2                                        | 1/2        | 085       |            |          |
| M18x1.5 |       | 2                                            | 5/8        | 086       |            |          |
| M18x2   |       | 1-1/2                                        | 1/2        | 087       |            |          |
| M18x2   |       | 2                                            | 5/8        | 088       |            |          |
| M18x2.5 |       | 1-1/2                                        | 1/2        | 089       |            |          |
| M18x2.5 |       | 2                                            | 5/8        | 090       |            |          |
| M20x1.5 |       | 1-1/2                                        | 1/2        | 091       |            |          |
| M20x1.5 |       | 2                                            | 5/8        | 092       |            |          |
| M20x2   |       | 1-1/2                                        | 1/2        | 093       |            |          |
| M20x2   |       | 2                                            | 5/8        | 094       |            |          |
| M20x2.5 |       | 1-1/2                                        | 1/2        | 095       |            |          |
| M20x2.5 |       | 2                                            | 5/8        | 096       |            |          |
| M22x1   |       | 2                                            | 5/8        | 097       |            |          |
| M22x1.5 |       | 2                                            | 5/8        | 098       |            |          |
| M22x2   |       | 2                                            | 5/8        | 099       |            |          |
| M22x2.5 |       | 2                                            | 5/8        | 100       |            |          |
| M24x1.5 |       | 2                                            | 5/8        | 101       |            |          |
| M24x1.5 |       | 2-1/2                                        | 3/4        | 102       |            |          |
| M24x2   |       | 2                                            | 5/8        | 103       |            |          |
| M24x2   |       | 2-1/2                                        | 3/4        | 104       |            |          |
| M24x3   |       | 2-1/2                                        | 3/4        | 105       |            |          |
| M27x2   |       | 2-1/2                                        | 3/4        | 106       |            |          |
| M27x3   |       | 2-1/2                                        | 3/4        | 107       |            |          |
| M28x2   |       | 2-1/2                                        | 3/4        | 108       |            |          |
| M30x1.5 |       | 2-1/2                                        | 3/4        | 109       |            |          |
| M30x2   |       | 2-1/2                                        | 3/4        | 110       |            |          |
| M30x3   |       | 2-1/2                                        | 3/4        | 111       |            |          |
| M30x3.5 |       | 2-1/2                                        | 3/4        | 112       |            |          |
| M33x3   |       | 2-1/2                                        | 3/4        | 113       |            |          |
| M33x3.5 |       | 2-1/2                                        | 3/4        | 114       |            |          |
| M36x3   |       | 2-1/2                                        | 3/4        | 115       |            |          |
| M36x4   |       | 3                                            | 7/8        | 116       |            |          |
| M39x3   |       | 3                                            | 7/8        | 117       |            |          |
| M39x4   |       | 3                                            | 7/8        | 118       |            |          |



## 6 Piece Metric Die Sets **SC006MD**

- Ø 5 dies: 6x1 7x1 8x1.25 10x1.5 12x1.75
- Ø 1 die stock



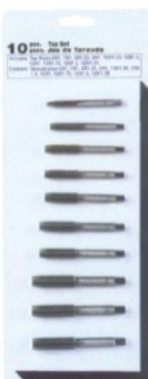
## 6 Piece Inch Die Sets **SC006ND**

- Ø 5 dies: 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 1 die stock



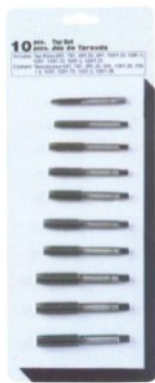
## 10 Piece Metric Tap & Die Sets **SC010MTD**

- Ø 4 taps: 3x0.5 4x0.7 5x0.8 6x1
- Ø 4 dies: size as taps
- Ø 1 die stock 1 T-type tap wrench



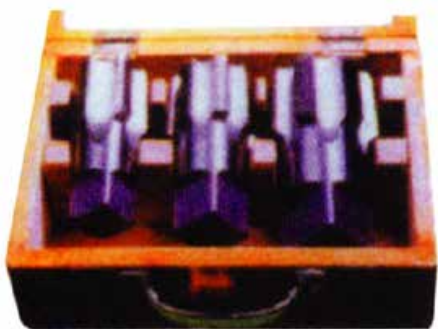
## 10 Piece Metric Tap Sets **SC010MT**

- Ø 10 taps: 6x1 7x1 8x1.25 8x1 10x1.5 10x1.25 10x1 12x1.75 12x1.5 12x1.25



10 Piece Inch Tap Sets **SC010NT**

Ø 10 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24  
7/16-14 7/16-20 1/2-13 1/2-20



3 Piece Tap Sets **SW003T**

Ø 3 taps: NPT1-1/4 1-1/2 2



6 Piece Tap Sets **SW006T**

Ø 6 taps: NPT1/4 3/8 1/2 3/4 1 1-1/4



6 Piece Tap & Die Sets **SW006TD**

Ø 3 taps: NPT1/4 3/8 1/2

Ø 3 dies: size as taps



### 7 Piece Metric Tap Sets **SM007MT-S**

Ø 7 taps(spiral flute DIN371/376): 3x0.5 4x0.7 5x0.8 6x1  
8x1.25 10x1.5 12x1.75



### 7 Piece Metric Tap Sets **SM007MT-P**

Ø 7 taps(spiral point DIN371/376): 3x0.5 4x0.7 5x0.8 6x1  
8x1.25 10x1.5 12x1.75



### 8 Piece Metric Tap Sets **SM008MT-S**

Ø 7 taps(spiral flute DIN371/376): 3x0.5 4x0.7 5x0.8 6x1  
8x1.25 10x1.5 12x1.75  
Ø 1 tap wrench



### 8 Piece Metric Tap Sets **SM008MT-P**

Ø 7 taps(spiral point DIN371/376): 3x0.5 4x0.7 5x0.8 6x1  
8x1.25 10x1.5 12x1.75  
Ø 1 tap wrench



### 12 Piece Metric Tap & Die Sets **SM012MTD**

- Ø 5 taps: 6x1 7x1 8x1.25 10x1.5 12x1.75
- Ø 5 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 12 Piece Inch Tap & Die Sets **SM012NTD**

- Ø 5 taps: 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 5 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 14 Piece Metric Tap & Drill Sets **SM014MTR-S**

- Ø 7 taps (spiral flute DIN371/376): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills: Φ 2.5 3.3 4.2 5 6.8 8.5 10.2



### 14 Piece Metric Tap & Drill Sets **SM014MTR-P**

- Ø 7 taps (spiral point DIN371/376): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills: Φ 2.5 3.3 4.2 5 6.8 8.5 10.2



### 14 Piece Metric Tap Sets **SM014MT-SP**

- Ø 7 taps(spiral flute DIN371/376): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 taps(spiral point DIN371/376): size as spiral flute



### 14 Piece Metric Tap & Die Sets **SM014MTD**

- Ø 6 taps: 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5
- Ø 6 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 15 Piece Metric Tap & Drill Sets **SM015MTR-P**

- Ø 7 taps(spiral point DIN352): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills:Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 1 tap wrench



### 15 Piece Metric Tap & Drill Sets **SM015MTR**

- Ø 7 taps(straight flute DIN352): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills:Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 1 tap wrench



### 16 Piece Metric Tap & Drill Sets **SM016MTR-P**

- Ø 14 taps(spiral point DIN352 2pcs): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 1 tap wrench 1 ratchet wheel wrench



### 16 Piece Metric Tap Sets **SM016MT**

- Ø 14 taps(straight flute DIN352 2pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 1 tap wrench 1 ratchet wheel wrench



### 17 Piece Metric Tap & Die Sets **SM017MTD**

- Ø 7 taps:3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies: size as taps
- Ø 1 die stock 1 tap wrench 1 screw pitch gauge



### 19 Piece Metric Tap & Die Sets **SM019MTD**

- Ø 10 taps(2pc each size):6x1 8x1.25 9x1.25 10x1.5 12x1.75
- Ø 5 dies: size as taps
- Ø 1 die stock
- Ø 1 tap wrench 1 T-type tap wrench 1 screw pitch gauge



### 19 Piece Inch Tap & Die Sets **SM019NTD**

- Ø 10 taps(2pc each size): 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 5 dies: size as taps
- Ø 1 die stock 1 tap wrench 1 T-type tap wrench 1 screw pitch gauge



### 20 Piece Metric Tap & Die Sets **SM020MTD**

- Ø 9 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1.5 12x1.75
- Ø 9 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 20 Piece Inch Tap & Die Sets **SM020NTD**

- Ø 9 taps: 6-32 8-32 10-24 12-24 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 9 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 21 Piece Metric Tap Sets **SM021MT-DIN**

- Ø 21 taps(straight flute DIN352 3pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75



### 21 Piece Metric Tap Sets **SM021MT-ISO**

- Ø 21 taps(3pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75



### 22 Piece Metric Tap & Die Sets **SM022MTD**

- Ø 10 taps: 5x0.8 5x0.9 6x1 6x0.75 8x1 8x1.25 10x1.5 10x1.25 12x1.5 12x1.75
- Ø 10 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 22 Piece Inch Tap & Die Sets **SM022NTD**

- Ø 10 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20
- Ø 10 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 22 Piece Metric Tap Sets **SM022MT-DIN**

- Ø 21 taps(DIN352 3pcs): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 1 tap wrench



### 24 Piece Metric Tap & Die Sets **SM024MTD**

- Ø 11 taps: 5x0.8 5x0.9 6x1 6x0.75 8x1 8x1.25 10x1.5 10x1.25 12x1.5 12x1.75 NPT1/8-27
- Ø 11 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 24 Piece Inch Tap & Die Sets **SM024NTD**

- Ø 11 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 11 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 24 Piece Metric Tap & Drill Sets **SM024MTR**

- Ø 18 taps(DIN352 3pcs): 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 6 drills: Φ 3.3 4.2 5 6.8 8.5 10.2



### 28 Piece Metric Tap & Drill Sets **SM028MTR**

- Ø 21 taps(DIN352 3pcs): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills: Φ 2.5 3.3 4.2 5 6.8 8.5 10.2



### 28 Piece Metric Tap & Die Sets **SM028MTD**

- Ø 16 taps(2pcs):3x0.5 3.5x0.6 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 8 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
1 screw pitch gauge



### 29 Piece Metric Tap & Drill Sets **SM029MTR**

- Ø 21 taps(DIN352 3pcs):3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 drills:Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 1 tap wrench



### 29 Piece Metric Tap & Die & Drill Sets **SM029MTDR**

- Ø 11 taps:5x0.8 5x0.9 6x1 6x0.75 8x1 8x1.25 10x1.5 10x1.25 12x1.5 12x1.75 NPT1/8-27
- Ø 11 dies:size as taps
- Ø 5 drills:Φ4.2 5 6.8 8.5 10.3
- Ø 1 tap wrench 1 die stock



### 30 Piece Metric Tap & Die Sets **SM030MTD**

- Ø 21 taps(3pc each size):3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies:size as taps
- Ø 1 tap wrench 1 die stock



### 32 Piece Metric Tap & Die Sets **SM032MTD**

- Ø 21 taps(DIN352 3pc each size):3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 screw pitch gauge



### 33 Piece Metric & Inch Tap & Die Sets **SM033MNTD**

- Ø 14 taps:3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13 NPT1/8-27 NPT1/4-18
- Ø 14 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 37 Piece Metric Tap & Die Sets **SM037MTDR**

- Ø 16 taps(2pc each size):3x0.5 3.5x0.64x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 8 dies:size as taps
- Ø 8 drills:Φ 2.5 2.9 3.3 4.2 5 6.8 8.5 10.3
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 39 Piece Metric Tap & Die Sets **SM039MTD**

- Ø 17 taps:3x0.5 3x0.6 4x0.7 4x0.75 5x0.8 5x0.9 6x0.75 6x1 7x0.75 7x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75 NPT1/8-27
- Ø 17 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 39 Piece Inch Tap & Die Sets **SM039NTD**

- Ø 17 taps: 4-40 6-32 8-32 10-24 10-32 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 41 Piece Metric Tap & Die Sets **SM041MTD**

- Ø 18 taps: 6x0.75 6x1 8x1 8x1.25 10x1.25 10x1.5 11x1.5 11x1.25 12x1.5 12x1.75 14x2 14x1.5 16x2 16x1.5 18x2.5 18x1.5 NPT1/8-27 NPT1/4-18
- Ø 18 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 41 Piece Inch Tap & Die Sets **SM041NTD**

- Ø 18 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 3/4-10 3/4-16 NPT1/8-27 NPT1/4-18
- Ø 18 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 44 Piece Metric Tap & Die & Drill Sets **SM044MTDR-A**

- Ø 21 taps (DIN352 3pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies DIN223: size as taps
- Ø 7 drills: Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 5 die stock 2 tap wrench 1 screw driver  
1 screw pitch gauge



### 44 Piece Metric Tap & Die & Drill Sets **SM044MTDR-B**

- Ø 21 taps(DIN352 3pc each size):3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies DIN223: size as taps
- Ø 7 drills:Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 5 die stock 2 tap wrench 1 screw driver  
1 screw pitch gauge



### 44 Piece Metric Tap & Die & Drill Sets **SM044MTDR-C**

- Ø 21 taps(DIN352 3pc each size):3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies DIN223: size as taps
- Ø 7 drills:Φ 2.5 3.3 4.2 5 6.8 8.5 10.2
- Ø 5 die stock 2 tap wrench 1 screw driver  
1 screw pitch gauge



### 45 Piece Metric Tap & Die Sets **SM045MTD**

- Ø 20 taps: 6x0.75 6x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75 14x2 14x1.5 16x2 16x1.5 18x2.5 18x1.5 20x2.5 20x1.5 22x2.5 22x1.5 24x3 24x1.5
- Ø 20 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 adapter for die stock



### 45 Piece Inch Tap & Die Sets **SM045NTD**

- Ø 20 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 3/4-10 3/4-16 7/8-9 7/8-14 1-8 1-12
- Ø 20 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 adapter for die stock



### 47 Piece Metric Tap & Die & Drill Sets **SM047MTDR**

- Ø 17 taps: 3x0.5 3x0.6 4x0.7 4x0.75 5x0.8 5x0.9 6x0.75 6x1 7x0.75 7x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75 NPT1/8-28
- Ø 17 dies: size as taps
- Ø 8 drills: Φ 2.5 3.3 4.2 5 6 6.8 8.5 10.3
- Ø 1 tap wrench 1 die stock 1 screw driver  
1 T-type tap wrench 1 screw pitch gauge



### 50 Piece Metric & Inch Tap & Die Sets **SM050MNTD**

- Ø 20 taps: 3x0.5 4x0.7 5x0.8 6x1 8x1.25 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20
- Ø 20 dies: size as taps
- Ø 5 screw extractor: No1 No2 No3 No4 No5
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
2 screw pitch gauge



### 51 Piece Metric Tap & Die & Drill Sets **SM051MTDR**

- Ø 17 taps: 3x0.5 3x0.6 4x0.7 4x0.75 5x0.8 5x0.9 6x0.75 6x1 7x0.75 7x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 6 drills: Φ 1.6 2.5 3.2 4 4.8 6.5
- Ø 5 screw extractor: No1 No2 No3 No4 No5
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
1 screw pitch gauge 1 center punch



### 52 Piece Metric & Inch & Tap & Die & Drill Sets **SM052MNTDR**

- Ø 24 taps (2pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 12 dies: size as taps
- Ø 12 drills: 2.5 3.3 4.2 5 6.8 8.6 10.3 13/64 17/64 5/16 27/64
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
1 screw driver



### 58 Piece Metric Tap & Die Sets **SM058MTD**

- Ø 34 taps(2pcs each size):3x0.5 3x0.6 3.5x0.6 4x0.7 4x0.75 5x0.8 5x0.9 6x0.75 6x1 7x0.75 7x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75
- Ø 17 dies:size as taps
- Ø 1 tap & 1 die:NPT1/8-27
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench 1screw pitch gauge 1 center punch



### 60 Piece Metric & Inch Tap & Die Sets **SM060MNTD**

- Ø 27 taps:3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1 10x1.5 12x1.75 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 27 dies:size as taps
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench 2 screw pitch gauge 1 screw driver



### 75 Piece Metric & Inch Tap & Die Sets **SM075MNTDR**

- Ø 34 taps(2pc each size):3x0.5 3.5x0.6 4x0.7 4.5x0.75 5x0.8 6x1 8x1.25 10x1.5 12x1.75 2x0.25 3x0.35 4x0.5 5x0.5 6x0.75 8x1 10x1.25 12x1.25
- Ø 17 dies:size as taps
- Ø 17 drills:1.7 2.5 2.6 2.9 3.3 3.5 4.2 4.5 5 5.3 6.8 7 8.5 8.8 10.3 10.7
- Ø 1 tap & 1 die:BSP1/8-28
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench 1 screw pitch gauge 1 screw driver



### 76 Piece Metric & Inch Tap & Die Sets **SM076MNTD**

- Ø 34 taps:3x0.5 4x0.7 4x0.75 5x0.8 5x0.9 6x1 7x1 8x1.25 8x1 9x1.25 9x1 10x1.25 10x1.5 11x1.5 12x1.75 12x1.5 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27 BSP1/8-28
- Ø 34 dies:size as taps
- Ø 1 tap wrench 2 die stock 2 T-type tap wrench 2 screw pitch gauge 1 screw driver



## 88 Piece Metric & Inch Tap & Die & Drill Sets **SM088MNTDR**

- Ø 28 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1.5 11x1.5 12x1.7 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 BSP1/8-28 NPT1/8-27
- Ø 28 dies: size as taps
- Ø 26 drills(pair): 2.5 3.3 4.2 5 6 6.3 7.8 8.6 9.5 10.3 9/64 5/32 11/64
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
1 screw driver 2 screw pitch gauge



## 100 Piece Metric & Inch Tap & Die Sets **SM100MNTD**

- Ø 48 taps(2pc each size): 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 24 dies: size as taps
- Ø 23 drills: 2.5 3.3 4.2 5 6.8 8.6 10.3 3/32 7/64 9/64 5/32 11/64 3/16 13/64 7/32 17/64 9/32 5/16 11/32 3/8 25/64 27/64 29/64
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
1 screw driver 1 screw pitch gauge



## 110 Piece Metric Tap & Die Sets **SM110MTD**

- Ø 70 taps(2pc each size): 2x0.4 3x0.5 4x0.7 5x0.8 6x1 6x0.75 7x1 7x0.75 8x1.25 8x1 8x0.75 9x1.25 9x1 9x0.75 10x1.5 10x1.25 10x1 10x0.75 11x1.5 11x1.25 11x1 12x1.75 12x1.5 12x1.25 12x1 12x0.75 14x2 14x1.5 14x1.25 14x1 16x2 16x1.5 16x1 18x1.5
- Ø 35 dies: size as taps
- Ø 2 tap wrench 2 die stock 1 T-type tap wrench



## 110 Piece Metric & Inch Tap & Die Sets **SM110MNTD**

- Ø 70 taps(2pc each size): 6x1 8x1.25 10x1.5 10x1 11x1.5 12x1.75 12x1.25 14x1.25 18x1.5 1/4-24 1/4-32 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 3/4-10 3/4-16 NPT1/8-27 NPT1/4-18
- Ø 35 dies: size as taps
- Ø 2 tap wrench 2 die stock 1 T-type tap wrench

## Tap & Die Set Injection Molding Case



### 12 Piece Metric Tap & Die Sets **SI012MTD**

- Ø 5 taps: 6x1 7x1 8x1.25 10x1.5 12x1.75
- Ø 5 dies: size as taps
- Ø 1 die stock 1 tap wrench



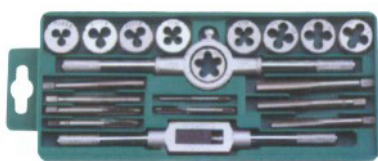
### 12 Piece Inch Tap & Die Sets **SI012NTD**

- Ø 5 taps: 1/4 5/16 3/8 7/16 1/2
- Ø 5 dies: size as taps
- Ø 1 die stock 1 tap wrench



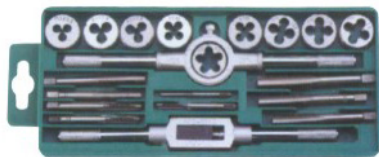
### 16 Piece Metric Tap & Die Sets **SI016MTD**

- Ø 7 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 20 Piece Metric Tap & Die Sets **SI020MTD**

- Ø 9 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1.5 12x1.75
- Ø 9 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 20 Piece Inch Tap & Die Sets **SI020NTD**

- Ø 9 taps: 6-32 8-32 10-24 12-24 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 9 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 39 Piece Metric Tap & Die Sets **SI039MTD**

- Ø 17 taps: 3×0.5 3×0.6 4×0.7 4×0.75 5×0.8 5×0.9 6×0.75 6×1.0 7×0.75 7×1.0 8×1.0 8×1.25 10×1.25 10×1.5 12×1.5 12×1.75 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 1 die stock 1 tap wrench 1 T-type tap wrench 1 screw driver 1 screw pitch gauge



### 39 Piece Inch Tap & Die Sets **SI039NTD**

- Ø 17 taps: 4-40 6-32 8-32 10-24 10-32 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 1 die stock 1 tap wrench 1 T-type tap wrench 1 screw driver 1 screw pitch gauge



### 16 Piece Metric Tap & Die Sets **SB016MTD**

- Ø 7 taps: 3x0.5 4x0.7 5x0.8 6x1 8x1.25 10x1.5 12x1.75
- Ø 7 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 20 Piece Metric Tap & Die Sets **SB020MTD**

- Ø 9 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1.5 12x1.75
- Ø 9 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 20 Piece Inch Tap & Die Sets **SB020NTD**

- Ø 9 taps: 6-32 8-32 10-24 12-24 1/4-20 5/16-18 3/8-16 7/16-14 1/2-13
- Ø 9 dies: size as taps
- Ø 1 tap wrench 1 die stock



### 24 Piece Metric Tap & Die Sets **SB024MTD**

- Ø 11 taps: 5x0.8 5x0.9 6x1 6x0.75 8x1 8x1.25 10x1.5 10x1.25 12x1.5 12x1.75 NPT1/8-27
- Ø 11 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 24 Piece Inch Tap & Die Sets **SB024NTD**

- Ø 11 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 11 dies: size as taps
- Ø 1 die stock 1 tap wrench



### 27 Piece Metric Tap & Die Sets **SB027MTD**

- Ø 12 taps: 5x0.8 6x1 8x1 8x1.25 10x1.5 10x1 12x1.25 12x1.75 14x2 14x1.5 16x2 16x1.5
- Ø 12 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 adapter for die stock



### 31 Piece Metric Tap & Die Sets **SB031MTD**

- Ø 15 taps: 6x1 8x1 8x1.25 10x1.5 10x1 12x1.25 12x1.75 14x2 14x1.5 16x2 16x1.5
- Ø 15 dies: size as taps
- Ø 1 tap & die wrench



### 35 Piece Metric Tap & Die Sets **SB035MTD**

- Ø 15 taps: 6x1 6x0.75 7x1 8x1.25 8x1 9x1.25 10x1 10x1.5 12x1.75 12x1.25 14x2 14x1.5 16x2 16x1.5 NPT1/8-27
- Ø 15 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 adapter for die stock 1 screw pitch gauge 1 screw driver



### 35 Piece Inch Tap & Die Sets **SB035NTD**

- Ø 15 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 NPT1/8-27
- Ø 15 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 adapter for die stock 1 screw pitch gauge 1 screw driver



### 39 Piece Metric Tap & Die Sets **SB039MTD**

- Ø 17 taps: 3x0.5 3x0.6 4x0.7 4x0.75 5x0.8 5x0.9 6x0.75 6x1 7x0.75 7x1 8x1 8x1.25 10x1.25 10x1.5 12x1.5 12x1.75 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 screw pitch gauge 1 T-type tap wrench 1 screw driver



### 39 Piece Inch Tap & Die Sets **SB039NTD**

- Ø 17 taps: 4-40 6-32 8-32 10-24 10-32 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 17 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 screw pitch gauge 1 T-type tap wrench 1 screw driver



### 45 Piece Metric Tap & Die Sets **SB045MTD**

- Ø 20 taps: 6x1 6x0.75 8x1.25 8x1 10x1.5 10x1.25 12x1.75 12x1.5 14x2 14x1.5 16x2 16x1.5 18x2.5 18x1.5 20x2.5 20x1.5 22x2.5 22x1.5 24x3 24x1.5
- Ø 20 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 adapter for die stock 1 T-type tap wrench 1 screw driver



### 45 Piece Inch Tap & Die Sets **SB045NTD**

- Ø 20 taps: 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 3/4-10 3/4-16 7/8-9 7/8-14 1-8 1-12
- Ø 20 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 adapter for die stock  
1 T-type tap wrench 1 screw driver



### 60 Piece Metric & Inch Tap & Die Sets **SB060MNTD**

- Ø 27 taps: 3x0.5 4x0.7 5x0.8 6x1 7x1 8x1.25 9x1.25 10x1 10x1.5 12x1.75 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 NPT1/8-27
- Ø 27 dies: size as taps
- Ø 1 tap wrench 1 die stock 1 T-type tap wrench  
2 screw pitch gauge 1 screw driver



### 110 Piece Metric Tap & Die Sets **SB110MTD**

- Ø 70 taps(2pc each size): 2x0.4 3x0.5 4x0.7 5x0.8 6x1 6x0.75 7x1 7x0.75 8x1.25 8x1 8x0.75 9x1.25 9x1 9x0.75 10x1.5 10x1.25 10x1 10x0.75 11x1.5 11x1.25 11x1 12x1.75 12x1.5 12x1.25 12x1 12x0.75 14x2 14x1.5 14x1.25 14x1 16x2 16x1.5 16x1 18x1.5
- Ø 35 dies: size as taps
- Ø 2 tap wrench 2 die stock 1 T-type tap wrench



### 110 Piece Metric & Inch Tap & Die Sets **SB110MNTD**

- Ø 70 taps(2pc each size): 6x1 8x1.25 10x1.5 10x1 11x1.5 12x1.75 12x1.25 14x1.25 18x1.5 1/4-24 1/4-32 4-40 6-32 8-32 10-32 10-24 12-24 1/4-20 1/4-28 5/16-18 5/16-24 3/8-16 3/8-24 7/16-14 7/16-20 1/2-13 1/2-20 9/16-12 9/16-18 5/8-11 5/8-18 3/4-10 3/4-16 NPT1/8-27 NPT1/4-18
- Ø 35 dies: size as taps
- Ø 2 tap wrench 2 die stock 1 T-type tap wrench