

N420-4

DIN 13

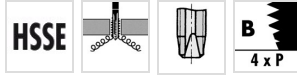
DIN 376



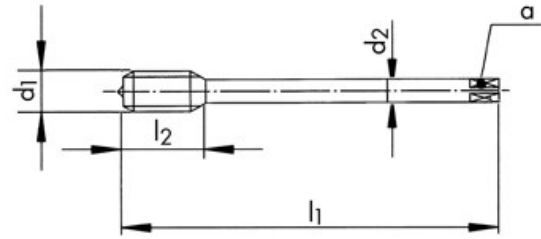
Material groups



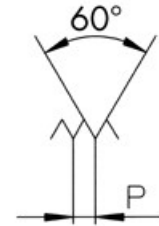
CHARACTERISTICS



Technical drawing



Profile sketch





Tool data

| ID | D1 | Ø d1 | Tol | P | l1 | l2 | d2 | a | | |
|--------|-----|-------|-----|-------|-------|------|-------|-----|---|-------|
| 102092 | M16 | 16.00 | 6H | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.20 |

Product range N420-4 M16 6H +0.2

| ID | D1 | Ø d1 | Tol | P | l1 | l2 | d2 | a | | |
|--------|-----|-------|------|-------|-------|------|------|-----|---|------|
| 102119 | M3 | 3.00 | 6H | 0.500 | 56.0 | 12.0 | 2.20 | 1.8 | 3 | 2.50 |
| 102146 | M4 | 4.00 | 6H | 0.700 | 63.0 | 14.0 | 2.80 | 2.1 | 3 | 3.30 |
| 102171 | M5 | 5.00 | 6H | 0.800 | 70.0 | 15.0 | 3.50 | 2.7 | 3 | 4.20 |
| 102182 | M6 | 6.00 | 6H | 1.000 | 80.0 | 17.0 | 4.50 | 3.4 | 3 | 5.00 |
| 102189 | M7 | 7.00 | 6H | 1.000 | 80.0 | 17.0 | 5.50 | 4.3 | 3 | 6.00 |
| 102193 | M8 | 8.00 | 4H | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.80 |
| 102194 | M8 | 8.00 | 6G | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.80 |
| 102195 | M8 | 8.00 | 6H | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.80 |
| 102198 | M8 | 8.00 | 6HLH | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.80 |
| 102199 | M8 | 8.00 | 7G | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.80 |
| 102196 | M8 | 8.00 | 6H | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 6.90 |
| 102197 | M8 | 8.00 | 6H | 1.250 | 90.0 | 20.0 | 6.00 | 4.9 | 3 | 7.00 |
| 102202 | M9 | 9.00 | 6H | 1.250 | 90.0 | 20.0 | 7.00 | 5.5 | 3 | 7.80 |
| 162770 | M11 | 11.00 | 6H | 1.500 | 100.0 | 19.0 | 8.00 | 6.2 | 3 | 9.50 |
| 102059 | M10 | 10.00 | 4H | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.50 |

| ID | D1 | Ø d1 | Tol | P | l1 | l2 | d2 | a |  |  |
|--------|-----|-------|-------|-------|-------|------|-------|------|---|---|
| 102060 | M10 | 10.00 | 6G | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.50 |
| 102061 | M10 | 10.00 | 6H | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.50 |
| 102064 | M10 | 10.00 | 6H LH | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.50 |
| 102065 | M10 | 10.00 | 7G | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.50 |
| 102062 | M10 | 10.00 | 6H | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.60 |
| 102063 | M10 | 10.00 | 6H | 1.500 | 100.0 | 22.0 | 7.00 | 5.5 | 3 | 8.70 |
| 102070 | M12 | 12.00 | 4H | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.20 |
| 102040 | M12 | 12.00 | 6H LH | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.20 |
| 102072 | M12 | 12.00 | 6H | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.20 |
| 102073 | M12 | 12.00 | 6H | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.30 |
| 102071 | M12 | 12.00 | 6G | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.30 |
| 102076 | M12 | 12.00 | 7G | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.30 |
| 102074 | M12 | 12.00 | 6H | 1.750 | 110.0 | 24.0 | 9.00 | 7.0 | 3 | 10.40 |
| 102081 | M14 | 14.00 | 6H | 2.000 | 110.0 | 28.0 | 11.00 | 9.0 | 3 | 12.00 |
| 102084 | M14 | 14.00 | 6H LH | 2.000 | 110.0 | 28.0 | 11.00 | 9.0 | 3 | 12.00 |
| 102090 | M16 | 16.00 | 6H | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.00 |
| 102093 | M16 | 16.00 | 6H LH | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.00 |
| 102094 | M16 | 16.00 | 7G | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.00 |
| 135531 | M16 | 16.00 | 6G | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.00 |
| 102091 | M16 | 16.00 | 6H | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.10 |
| 102092 | M16 | 16.00 | 6H | 2.000 | 110.0 | 30.0 | 12.00 | 9.0 | 3 | 14.20 |
| 102097 | M18 | 18.00 | 6H | 2.500 | 125.0 | 33.0 | 14.00 | 11.0 | 3 | 15.50 |
| 102101 | M20 | 20.00 | 6H | 2.500 | 140.0 | 36.0 | 16.00 | 12.0 | 3 | 17.50 |
| 102103 | M20 | 20.00 | 6H LH | 2.500 | 140.0 | 36.0 | 16.00 | 12.0 | 3 | 17.50 |
| 102106 | M22 | 22.00 | 6H | 2.500 | 140.0 | 36.0 | 18.00 | 14.5 | 3 | 19.50 |
| 102110 | M24 | 24.00 | 6H | 3.000 | 160.0 | 39.0 | 18.00 | 14.5 | 4 | 21.00 |
| 111493 | M24 | 24.00 | 6H LH | 3.000 | 160.0 | 39.0 | 18.00 | 14.5 | 4 | 21.00 |
| 102117 | M27 | 27.00 | 6H | 3.000 | 160.0 | 42.0 | 20.00 | 16.0 | 4 | 24.00 |
| 102124 | M30 | 30.00 | 6H | 3.500 | 180.0 | 45.0 | 22.00 | 18.0 | 4 | 26.50 |
| 102130 | M33 | 33.00 | 6H | 3.500 | 180.0 | 48.0 | 25.00 | 20.0 | 4 | 29.50 |
| 102137 | M36 | 36.00 | 6H | 4.000 | 200.0 | 51.0 | 28.00 | 22.0 | 4 | 32.00 |
| 102144 | M39 | 39.00 | 6H | 4.000 | 200.0 | 55.0 | 32.00 | 24.0 | 4 | 35.00 |
| 102158 | M42 | 42.00 | 6H | 4.500 | 200.0 | 55.0 | 32.00 | 24.0 | 4 | 37.50 |
| 110225 | M45 | 45.00 | 6H | 4.500 | 220.0 | 59.0 | 36.00 | 29.0 | 4 | 40.50 |
| 110226 | M48 | 48.00 | 6H | 5.000 | 250.0 | 63.0 | 36.00 | 29.0 | 4 | 43.00 |
| 110229 | M56 | 56.00 | 6H | 5.500 | 280.0 | 71.0 | 45.00 | 35.0 | 5 | 50.50 |

