

SOLID CARBIDE HELICAL THREAD MILLS



British Standard Parallel Pipe (BSPP) Threads

BRITISH STANDARD PARALLEL PIPE (BSPP) THREADS

Dimensions in Inches (mm)

| Minimum Size | Tool Number | Pitch | Cutter Diameter (d) | Length of Cut (l) | Number of Flutes | Length (L) | Shank Diameter (D) | Coatings Available | | |
|--------------|-------------------|-------|---------------------|-------------------|------------------|------------|--------------------|--------------------|---------|------------|
| | | | | | | | | Un-Coated | Z TiAIN | V Hardmill |
| 1/8"-28 | 1828516-1CSBSPF3H | 28 | 0.300 | 0.750 | 3 | 3.0 | 0.312 | ○ | X | ○ |
| 1/4"-19 | 141938-1CSBSPF3H | 19 | 0.370 | 0.789 | 3 | 3.0 | 0.375 | ○ | X | ○ |
| 1/2"-14 | 121458-1CSBSPH | 14 | 0.620 | 1.000 | 4 | 4.0 | 0.625 | ○ | X | ○ |
| 3/4"-14 | 341434-1CSBSPH | 14 | 0.745 | 1.286 | 4 | 4.0 | 0.750 | ○ | X | ○ |
| 1"-11 | 011134-1CSBSPH | 11 | 0.745 | 1.272 | 4 | 4.0 | 0.750 | ○ | X | ○ |

BRITISH STANDARD PARALLEL PIPE (BSPP) THREADS, METRIC SHANK

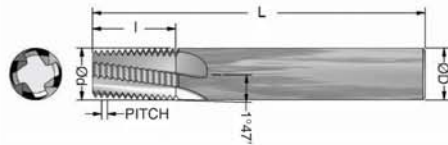
| Minimum Size | Tool Number | Pitch | Cutter Diameter (d) | Length of Cut (l) | Number of Flutes | Length (L) | Shank Diameter (D) | Coatings Available | | |
|--------------|--------------------|-------|---------------------|-------------------|------------------|------------|--------------------|--------------------|---------|------------|
| | | | | | | | | Un-Coated | Z TiAIN | V Hardmill |
| 1/8"-28 | 182808MM-1CSBSPF3H | 28 | 0.300 (7.6) | 0.750 (19) | 3 | 3.0 (76) | (8) | ○ | ○ | ○ |
| 1/4"-19 | 141910MM-1CSBSPF3H | 19 | 0.390 (9.9) | 0.789 (20) | 3 | 3.0 (76) | (10) | ○ | ○ | ○ |
| 1/2"-14 | 121416MM-1CSBSPH | 14 | 0.626 (15.9) | 1.000 (25.4) | 4 | 3.98 (101) | (16) | ○ | ○ | ○ |
| 3/4"-14 | 341420MM-1CSBSPH | 14 | 0.783 (19.9) | 1.286 (32.7) | 4 | 4.0 (102) | (20) | ○ | ○ | ○ |
| 1"-11 | 011120MM-1CSBSPH | 11 | 0.783 (19.9) | 1.272 (32.3) | 4 | 4.0 (102) | (20) | ○ | ○ | ○ |

BRITISH STANDARD PIPE TAPER (BSPT) THREADS

| Minimum Size | Tool Number | Pitch | Cutter Diameter (d) | Length of Cut (l) | Number of Flutes | Length (L) | Shank Diameter (D) | Coatings Available | | |
|--------------|--------------------|-------|---------------------|-------------------|------------------|------------|--------------------|--------------------|---------|------------|
| | | | | | | | | Un-Coated | Z TiAIN | V Hardmill |
| 1/8"-28 | 1828516-1CSBSPTF3H | 28 | 0.300 | 0.750 | 3 | 3.0 | 0.312 | ○ | X | ○ |
| 1/4"-19 | 141938-1CSBSPTF3H | 19 | 0.370 | 0.789 | 4 | 3.0 | 0.375 | ○ | X | ○ |
| 1/2"-14 | 121458-1CSBSPTH | 14 | 0.620 | 1.000 | 4 | 4.0 | 0.625 | ○ | X | ○ |
| 3/4"-14 | 341434-1CSBSPTH | 14 | 0.745 | 1.286 | 4 | 4.0 | 0.750 | ○ | X | ○ |
| 1"-11 | 011134-1CSBSPTH | 11 | 0.745 | 1.272 | 4 | 4.0 | 0.750 | ○ | X | ○ |

BRITISH STANDARD PIPE TAPER (BSPT) THREADS, METRIC SHANK

| Minimum Size | Tool Number | Pitch | Cutter Diameter (d) | Length of Cut (l) | Number of Flutes | Length (L) | Shank Diameter (D) | Coatings Available | | |
|--------------|---------------------|-------|---------------------|-------------------|------------------|------------|--------------------|--------------------|---------|------------|
| | | | | | | | | Un-Coated | Z TiAIN | V Hardmill |
| 1/8"-28 | 182808MM-1CSBSPTF3H | 28 | 0.300 (7.6) | 0.750 (19) | 3 | 3.0 (76) | (8) | ○ | ○ | ○ |
| 1/4"-19 | 141910MM-1CSBSPTF3H | 19 | 0.390 (9.9) | 0.789 (20) | 3 | 3.0 (76) | (10) | ○ | ○ | ○ |
| 1/2"-14 | 121416MM-1CSBSPTH | 14 | 0.626 (15.9) | 1.000 (25.4) | 4 | 3.98 (101) | (16) | ○ | ○ | ○ |
| 3/4"-14 | 341420MM-1CSBSPTH | 14 | 0.783 (19.9) | 1.286 (32.7) | 4 | 4.0 (102) | (20) | ○ | ○ | ○ |
| 1"-11 | 011120MM-1CSBSPTH | 11 | 0.783 (19.9) | 1.272 (32.3) | 4 | 4.0 (102) | (20) | ○ | ○ | ○ |



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread
*Designates Staggered Thread