



MSUTOLS

MICRO DRILLS

HIGH PRECISION & HIGH PERFORMANCE



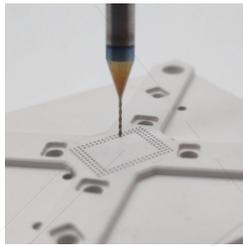
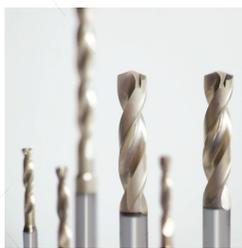
Professional Manufacturer Of Micro Drills

2026 Catalog



匠心 | 匠行 | 匠梦

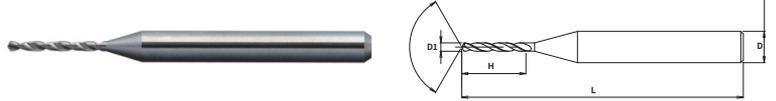
China Achieves Dreams



MSU326 Carbide Micro Drill



Diameter Range: $\Phi 0.03$ - $\Phi 3.0$ mm
 Diameter Tolerance: 0-0.003mm



Workpiece (● Most Suitable ▲ Suitable)

| Cast Iron | Carbon Steel S45C S55C | Alloy Steel SK-SCM SUS | Pre-hardend Steel | Hardened Steel | | | Stainless Steel | High-temperature alloy | Titanium |
|-----------|---------------------------|---------------------------|----------------------|------------------------|--------|--------|-----------------|---------------------------|----------|
| | | | | ~55HRC | ~60HRC | ~70HRC | | | |
| ▲ | ▲ | ▲ | ▲ | | | | ▲ | | |
| Copper | Aluminum | Fiberglass | Bakelite | Engineering Plastic | | | | | graphite |
| ● | ● | ● | ● | ● | | | | | ▲ |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|---------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326-0030 | 0.030 | 0.0012 | 0.30 | 0.0118 | 3 | 38 |
| 326-0035 | 0.035 | 0.0014 | 0.35 | 0.0138 | 3 | 38 |
| 326-0040 | 0.040 | 0.0016 | 0.40 | 0.0157 | 3 | 38 |
| 326-0045 | 0.045 | 0.0018 | 0.45 | 0.0177 | 3 | 38 |
| 326-0050 | 0.050 | 0.0020 | 0.50 | 0.0197 | 3 | 38 |
| 326-0055 | 0.055 | 0.0022 | 0.55 | 0.0217 | 3 | 38 |
| 326-0060 | 0.060 | 0.0024 | 0.60 | 0.0236 | 3 | 38 |
| 326-0065 | 0.065 | 0.0026 | 0.65 | 0.0256 | 3 | 38 |
| 326-0070 | 0.070 | 0.0028 | 0.70 | 0.0276 | 3 | 38 |
| 326-0075 | 0.075 | 0.0030 | 0.75 | 0.0295 | 3 | 38 |
| 326-0080 | 0.080 | 0.0031 | 0.80 | 0.0315 | 3 | 38 |
| 326-0085 | 0.085 | 0.0033 | 0.85 | 0.0335 | 3 | 38 |
| 326-0090 | 0.090 | 0.0035 | 0.90 | 0.0354 | 3 | 38 |
| 326-0095 | 0.095 | 0.0037 | 0.95 | 0.0374 | 3 | 38 |
| 326-0100 | 0.10 | 0.0039 | 1.5 | 0.0591 | 3 | 38 |
| 326-0110 | 0.11 | 0.0043 | 1.5 | 0.0591 | 3 | 38 |
| 326-0120 | 0.12 | 0.0047 | 2.5 | 0.0984 | 3 | 38 |
| 326-0130 | 0.13 | 0.0051 | 2.5 | 0.0984 | 3 | 38 |
| 326-0140 | 0.14 | 0.0055 | 2.5 | 0.0984 | 3 | 38 |
| 326-0150 | 0.15 | 0.0059 | 2.5 | 0.0984 | 3 | 38 |
| 326-0160 | 0.16 | 0.0063 | 2.5 | 0.0984 | 3 | 38 |
| 326-0170 | 0.17 | 0.0067 | 2.5 | 0.0984 | 3 | 38 |
| 326-0180 | 0.18 | 0.0071 | 2.5 | 0.0984 | 3 | 38 |
| 326-0190 | 0.19 | 0.0075 | 2.5 | 0.0984 | 3 | 38 |
| 326-0200 | 0.20 | 0.0079 | 3.5 | 0.1378 | 3 | 38 |
| 326-0210 | 0.21 | 0.0083 | 3.5 | 0.1378 | 3 | 38 |
| 326-0220 | 0.22 | 0.0087 | 3.5 | 0.1378 | 3 | 38 |
| 326-0230 | 0.23 | 0.0091 | 3.5 | 0.1378 | 3 | 38 |
| 326-0240 | 0.24 | 0.0094 | 3.5 | 0.1378 | 3 | 38 |
| 326-0250 | 0.25 | 0.0098 | 3.5 | 0.1378 | 3 | 38 |
| 326-0260 | 0.26 | 0.0102 | 3.5 | 0.1378 | 3 | 38 |
| 326-0270 | 0.27 | 0.0106 | 3.5 | 0.1378 | 3 | 38 |
| 326-0280 | 0.28 | 0.0110 | 3.5 | 0.1378 | 3 | 38 |
| 326-0290 | 0.29 | 0.0114 | 3.5 | 0.1378 | 3 | 38 |
| 326-0300 | 0.30 | 0.0118 | 3.0/5.0 | 0.1181/0.1969 | 3 | 38 |
| 326-0310 | 0.31 | 0.0122 | 5.0 | 0.1969 | 3 | 38 |
| 326-0320 | 0.32 | 0.0126 | 5.0 | 0.1969 | 3 | 38 |
| 326-0330 | 0.33 | 0.0130 | 5.0 | 0.1969 | 3 | 38 |
| 326-0340 | 0.34 | 0.0134 | 5.0 | 0.1969 | 3 | 38 |
| 326-0350 | 0.35 | 0.0138 | 5.0 | 0.1969 | 3 | 38 |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 326-0360 | 0.36 | 0.0142 | 5.0 | 0.1969 | 3 | 38 |
| 326-0370 | 0.37 | 0.0146 | 5.0 | 0.1969 | 3 | 38 |
| 326-0380 | 0.38 | 0.0150 | 5.0 | 0.1969 | 3 | 38 |
| 326-0390 | 0.39 | 0.0154 | 5.0 | 0.1969 | 3 | 38 |
| 326-0400 | 0.40 | 0.0157 | 6.0 | 0.2362 | 3 | 38 |
| 326-0410 | 0.41 | 0.0161 | 6.0 | 0.2362 | 3 | 38 |
| 326-0420 | 0.42 | 0.0165 | 6.0 | 0.2362 | 3 | 38 |
| 326-0430 | 0.43 | 0.0169 | 6.0 | 0.2362 | 3 | 38 |
| 326-0440 | 0.44 | 0.0173 | 6.0 | 0.2362 | 3 | 38 |
| 326-0450 | 0.45 | 0.0177 | 6.0 | 0.2362 | 3 | 38 |
| 326-0460 | 0.46 | 0.0181 | 6.0 | 0.2362 | 3 | 38 |
| 326-0470 | 0.47 | 0.0185 | 6.0 | 0.2362 | 3 | 38 |
| 326-0480 | 0.48 | 0.0189 | 6.0 | 0.2362 | 3 | 38 |
| 326-0490 | 0.49 | 0.0193 | 6.0 | 0.2362 | 3 | 38 |
| 326-0500 | 0.50 | 0.0197 | 6.0 | 0.2362 | 3 | 38 |
| 326-0510 | 0.51 | 0.0201 | 6.0 | 0.2362 | 3 | 38 |
| 326-0520 | 0.52 | 0.0205 | 6.0 | 0.2362 | 3 | 38 |
| 326-0530 | 0.53 | 0.0209 | 6.0 | 0.2362 | 3 | 38 |
| 326-0540 | 0.54 | 0.0213 | 6.0 | 0.2362 | 3 | 38 |
| 326-0550 | 0.55 | 0.0217 | 6.0 | 0.2362 | 3 | 38 |
| 326-0560 | 0.56 | 0.0220 | 6.0 | 0.2362 | 3 | 38 |
| 326-0570 | 0.57 | 0.0224 | 6.0 | 0.2362 | 3 | 38 |
| 326-0580 | 0.58 | 0.0228 | 6.0 | 0.2362 | 3 | 38 |
| 326-0590 | 0.59 | 0.0232 | 6.0 | 0.2362 | 3 | 38 |
| 326-0600 | 0.60 | 0.0236 | 7.0 | 0.2756 | 3 | 38 |
| 326-0610 | 0.61 | 0.0240 | 7.0 | 0.2756 | 3 | 38 |
| 326-0620 | 0.62 | 0.0244 | 7.0 | 0.2756 | 3 | 38 |
| 326-0630 | 0.63 | 0.0248 | 7.0 | 0.2756 | 3 | 38 |
| 326-0640 | 0.64 | 0.0252 | 7.0 | 0.2756 | 3 | 38 |
| 326-0650 | 0.65 | 0.0256 | 7.0 | 0.2756 | 3 | 38 |
| 326-0660 | 0.66 | 0.0260 | 7.0 | 0.2756 | 3 | 38 |
| 326-0670 | 0.67 | 0.0264 | 7.0 | 0.2756 | 3 | 38 |
| 326-0680 | 0.68 | 0.0268 | 7.0 | 0.2756 | 3 | 38 |
| 326-0690 | 0.69 | 0.0272 | 7.0 | 0.2756 | 3 | 38 |
| 326-0700 | 0.70 | 0.0276 | 8.0 | 0.3150 | 3 | 38 |
| 326-0710 | 0.71 | 0.0280 | 8.0 | 0.3150 | 3 | 38 |
| 326-0720 | 0.72 | 0.0283 | 8.0 | 0.3150 | 3 | 38 |
| 326-0730 | 0.73 | 0.0287 | 8.0 | 0.3150 | 3 | 38 |
| 326-0740 | 0.74 | 0.0291 | 8.0 | 0.3150 | 3 | 38 |
| 326-0750 | 0.75 | 0.0295 | 8.0 | 0.3150 | 3 | 38 |

MSU326 Carbide Micro Drill

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326-0760 | 0.76 | 0.0299 | 8.0 | 0.3150 | 3 | 38 |
| 326-0770 | 0.77 | 0.0303 | 8.0 | 0.3150 | 3 | 38 |
| 326-0780 | 0.78 | 0.0307 | 8.0 | 0.3150 | 3 | 38 |
| 326-0790 | 0.79 | 0.0311 | 8.0 | 0.3150 | 3 | 38 |
| 326-0800 | 0.80 | 0.0315 | 8.0 | 0.3150 | 3 | 38 |
| 326-0810 | 0.81 | 0.0319 | 8.0 | 0.3150 | 3 | 38 |
| 326-0820 | 0.82 | 0.0323 | 8.0 | 0.3150 | 3 | 38 |
| 326-0830 | 0.83 | 0.0327 | 8.0 | 0.3150 | 3 | 38 |
| 326-0840 | 0.84 | 0.0331 | 8.0 | 0.3150 | 3 | 38 |
| 326-0850 | 0.85 | 0.0335 | 8.0 | 0.3150 | 3 | 38 |
| 326-0860 | 0.86 | 0.0339 | 8.0 | 0.3150 | 3 | 38 |
| 326-0870 | 0.87 | 0.0343 | 8.0 | 0.3150 | 3 | 38 |
| 326-0880 | 0.88 | 0.0346 | 8.0 | 0.3150 | 3 | 38 |
| 326-0890 | 0.89 | 0.0350 | 8.0 | 0.3150 | 3 | 38 |
| 326-0900 | 0.90 | 0.0354 | 8.0 | 0.3150 | 3 | 38 |
| 326-0910 | 0.91 | 0.0358 | 8.0 | 0.3150 | 3 | 38 |
| 326-0920 | 0.92 | 0.0362 | 8.0 | 0.3150 | 3 | 38 |
| 326-0930 | 0.93 | 0.0366 | 8.0 | 0.3150 | 3 | 38 |
| 326-0940 | 0.94 | 0.0370 | 8.0 | 0.3150 | 3 | 38 |
| 326-0950 | 0.95 | 0.0374 | 8.0 | 0.3150 | 3 | 38 |
| 326-0960 | 0.96 | 0.0378 | 8.0 | 0.3150 | 3 | 38 |
| 326-0970 | 0.97 | 0.0382 | 8.0 | 0.3150 | 3 | 38 |
| 326-0980 | 0.98 | 0.0386 | 8.0 | 0.3150 | 3 | 38 |
| 326-0990 | 0.99 | 0.0390 | 8.0 | 0.3150 | 3 | 38 |
| 326-1000 | 1.00 | 0.0394 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1010 | 1.01 | 0.0398 | 10.0 | 0.3937 | 3 | 38 |
| 326-1020 | 1.02 | 0.0402 | 10.0 | 0.3937 | 3 | 38 |
| 326-1030 | 1.03 | 0.0406 | 10.0 | 0.3937 | 3 | 38 |
| 326-1040 | 1.04 | 0.0409 | 10.0 | 0.3937 | 3 | 38 |
| 326-1050 | 1.05 | 0.0413 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1060 | 1.06 | 0.0417 | 10.0 | 0.3937 | 3 | 38 |
| 326-1070 | 1.07 | 0.0421 | 10.0 | 0.3937 | 3 | 38 |
| 326-1080 | 1.08 | 0.0425 | 10.0 | 0.3937 | 3 | 38 |
| 326-1090 | 1.09 | 0.0429 | 10.0 | 0.3937 | 3 | 38 |
| 326-1100 | 1.10 | 0.0433 | 10.0 | 0.3937 | 3 | 38 |
| 326-1110 | 1.11 | 0.0437 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1120 | 1.12 | 0.0441 | 10.0 | 0.3937 | 3 | 38 |
| 326-1130 | 1.13 | 0.0445 | 10.0 | 0.3937 | 3 | 38 |
| 326-1140 | 1.14 | 0.0449 | 10.0 | 0.3937 | 3 | 38 |
| 326-1150 | 1.15 | 0.0453 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1160 | 1.16 | 0.0457 | 10.0 | 0.3937 | 3 | 38 |
| 326-1170 | 1.17 | 0.0461 | 10.0 | 0.3937 | 3 | 38 |
| 326-1180 | 1.18 | 0.0465 | 10.0 | 0.3937 | 3 | 38 |
| 326-1190 | 1.19 | 0.0469 | 10.0 | 0.3937 | 3 | 38 |
| 326-1200 | 1.20 | 0.0472 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1210 | 1.21 | 0.0476 | 10.0 | 0.3937 | 3 | 38 |
| 326-1220 | 1.22 | 0.0480 | 10.0 | 0.3937 | 3 | 38 |
| 326-1230 | 1.23 | 0.0484 | 10.0 | 0.3937 | 3 | 38 |
| 326-1240 | 1.24 | 0.0488 | 10.0 | 0.3937 | 3 | 38 |
| 326-1250 | 1.25 | 0.0492 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |

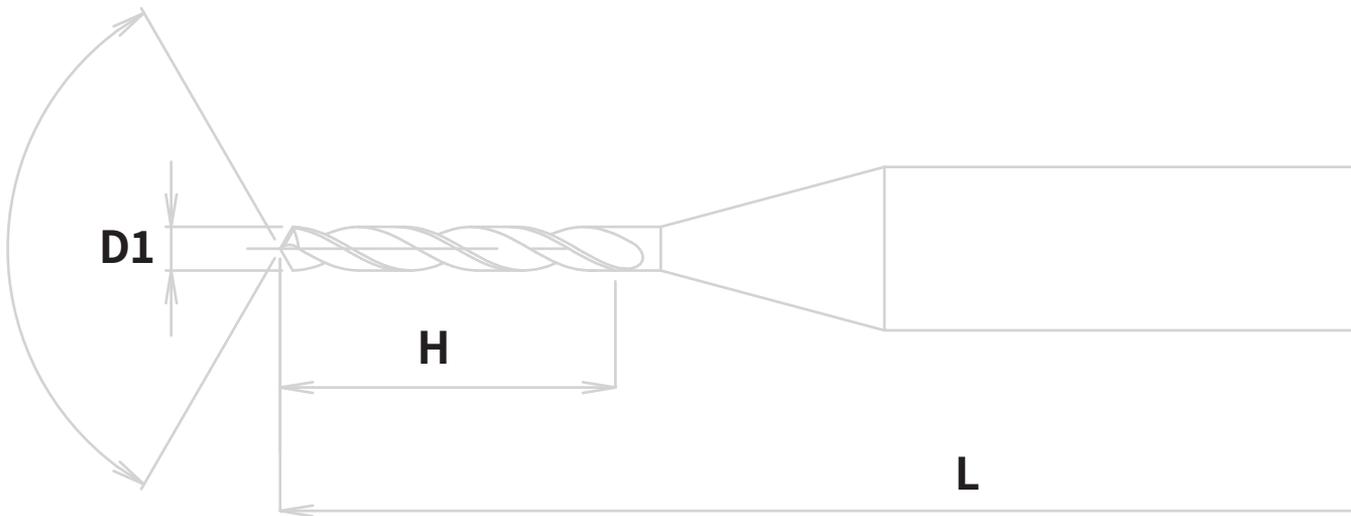
| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326-1260 | 1.26 | 0.0496 | 10.0 | 0.3937 | 3 | 38 |
| 326-1270 | 1.27 | 0.0500 | 10.0 | 0.3937 | 3 | 38 |
| 326-1280 | 1.28 | 0.0504 | 10.0 | 0.3937 | 3 | 38 |
| 326-1290 | 1.29 | 0.0508 | 10.0 | 0.3937 | 3 | 38 |
| 326-1300 | 1.30 | 0.0512 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1310 | 1.31 | 0.0516 | 10.0 | 0.3937 | 3 | 38 |
| 326-1320 | 1.32 | 0.0520 | 10.0 | 0.3937 | 3 | 38 |
| 326-1330 | 1.33 | 0.0524 | 10.0 | 0.3937 | 3 | 38 |
| 326-1340 | 1.34 | 0.0528 | 10.0 | 0.3937 | 3 | 38 |
| 326-1350 | 1.35 | 0.0531 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1360 | 1.36 | 0.0535 | 10.0 | 0.3937 | 3 | 38 |
| 326-1370 | 1.37 | 0.0539 | 10.0 | 0.3937 | 3 | 38 |
| 326-1380 | 1.38 | 0.0543 | 10.0 | 0.3937 | 3 | 38 |
| 326-1390 | 1.39 | 0.0547 | 10.0 | 0.3937 | 3 | 38 |
| 326-1400 | 1.40 | 0.0551 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1410 | 1.41 | 0.0555 | 10.0 | 0.3937 | 3 | 38 |
| 326-1420 | 1.42 | 0.0559 | 10.0 | 0.3937 | 3 | 38 |
| 326-1430 | 1.43 | 0.0563 | 10.0 | 0.3937 | 3 | 38 |
| 326-1440 | 1.44 | 0.0567 | 10.0 | 0.3937 | 3 | 38 |
| 326-1450 | 1.45 | 0.0571 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1460 | 1.46 | 0.0575 | 10.0 | 0.3937 | 3 | 38 |
| 326-1470 | 1.47 | 0.0579 | 10.0 | 0.3937 | 3 | 38 |
| 326-1480 | 1.48 | 0.0583 | 10.0 | 0.3937 | 3 | 38 |
| 326-1490 | 1.49 | 0.0587 | 10.0 | 0.3937 | 3 | 38 |
| 326-1500 | 1.50 | 0.0591 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1510 | 1.51 | 0.0594 | 10.0 | 0.3937 | 3 | 38 |
| 326-1520 | 1.52 | 0.0598 | 10.0 | 0.3937 | 3 | 38 |
| 326-1530 | 1.53 | 0.0602 | 10.0 | 0.3937 | 3 | 38 |
| 326-1540 | 1.54 | 0.0606 | 10.0 | 0.3937 | 3 | 38 |
| 326-1550 | 1.55 | 0.0610 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326-1560 | 1.56 | 0.0614 | 10.0 | 0.3937 | 3 | 38 |
| 326-1570 | 1.57 | 0.0618 | 10.0 | 0.3937 | 3 | 38 |
| 326-1580 | 1.58 | 0.0622 | 10.0 | 0.3937 | 3 | 38 |
| 326-1590 | 1.59 | 0.0626 | 10.0 | 0.3937 | 3 | 38 |
| 326-1600 | 1.60 | 0.0630 | 12.0 | 0.4724 | 3 | 38 |
| 326-1610 | 1.61 | 0.0634 | 12.0 | 0.4724 | 3 | 38 |
| 326-1620 | 1.62 | 0.0638 | 12.0 | 0.4724 | 3 | 38 |
| 326-1630 | 1.63 | 0.0642 | 12.0 | 0.4724 | 3 | 38 |
| 326-1640 | 1.64 | 0.0646 | 12.0 | 0.4724 | 3 | 38 |
| 326-1650 | 1.65 | 0.0650 | 12.0 | 0.4724 | 3 | 38 |
| 326-1660 | 1.66 | 0.0654 | 12.0 | 0.4724 | 3 | 38 |
| 326-1670 | 1.67 | 0.0657 | 12.0 | 0.4724 | 3 | 38 |
| 326-1680 | 1.68 | 0.0661 | 12.0 | 0.4724 | 3 | 38 |
| 326-1690 | 1.69 | 0.0665 | 12.0 | 0.4724 | 3 | 38 |
| 326-1700 | 1.70 | 0.0669 | 12.0 | 0.4724 | 3 | 38 |
| 326-1710 | 1.71 | 0.0673 | 12.0 | 0.4724 | 3 | 38 |
| 326-1720 | 1.72 | 0.0677 | 12.0 | 0.4724 | 3 | 38 |
| 326-1730 | 1.73 | 0.0681 | 12.0 | 0.4724 | 3 | 38 |
| 326-1740 | 1.74 | 0.0685 | 12.0 | 0.4724 | 3 | 38 |
| 326-1750 | 1.75 | 0.0689 | 12.0 | 0.4724 | 3 | 38 |

MSU326 Carbide Micro Drill

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L | 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | | | mm | mm | mm | inch | | |
| 326-1760 | 1.76 | 0.0693 | 12.0 | 0.4724 | 3 | 38 | 326-2260 | 2.26 | 0.0890 | 12.0 | 0.4724 | 3 | 38 |
| 326-1770 | 1.77 | 0.0697 | 12.0 | 0.4724 | 3 | 38 | 326-2270 | 2.27 | 0.0894 | 12.0 | 0.4724 | 3 | 38 |
| 326-1780 | 1.78 | 0.0701 | 12.0 | 0.4724 | 3 | 38 | 326-2280 | 2.28 | 0.0898 | 12.0 | 0.4724 | 3 | 38 |
| 326-1790 | 1.79 | 0.0705 | 12.0 | 0.4724 | 3 | 38 | 326-2290 | 2.29 | 0.0902 | 12.0 | 0.4724 | 3 | 38 |
| 326-1800 | 1.80 | 0.0709 | 12.0 | 0.4724 | 3 | 38 | 326-2300 | 2.30 | 0.0906 | 12.0 | 0.4724 | 3 | 38 |
| 326-1810 | 1.81 | 0.0713 | 12.0 | 0.4724 | 3 | 38 | 326-2310 | 2.31 | 0.0909 | 12.0 | 0.4724 | 3 | 38 |
| 326-1820 | 1.82 | 0.0717 | 12.0 | 0.4724 | 3 | 38 | 326-2320 | 2.32 | 0.0913 | 12.0 | 0.4724 | 3 | 38 |
| 326-1830 | 1.83 | 0.0720 | 12.0 | 0.4724 | 3 | 38 | 326-2330 | 2.33 | 0.0917 | 12.0 | 0.4724 | 3 | 38 |
| 326-1840 | 1.84 | 0.0724 | 12.0 | 0.4724 | 3 | 38 | 326-2340 | 2.34 | 0.0921 | 12.0 | 0.4724 | 3 | 38 |
| 326-1850 | 1.85 | 0.0728 | 12.0 | 0.4724 | 3 | 38 | 326-2350 | 2.35 | 0.0925 | 12.0 | 0.4724 | 3 | 38 |
| 326-1860 | 1.86 | 0.0732 | 12.0 | 0.4724 | 3 | 38 | 326-2360 | 2.36 | 0.0929 | 12.0 | 0.4724 | 3 | 38 |
| 326-1870 | 1.87 | 0.0736 | 12.0 | 0.4724 | 3 | 38 | 326-2370 | 2.37 | 0.0933 | 12.0 | 0.4724 | 3 | 38 |
| 326-1880 | 1.88 | 0.0740 | 12.0 | 0.4724 | 3 | 38 | 326-2380 | 2.38 | 0.0937 | 12.0 | 0.4724 | 3 | 38 |
| 326-1890 | 1.89 | 0.0744 | 12.0 | 0.4724 | 3 | 38 | 326-2390 | 2.39 | 0.0941 | 12.0 | 0.4724 | 3 | 38 |
| 326-1900 | 1.90 | 0.0748 | 12.0 | 0.4724 | 3 | 38 | 326-2400 | 2.40 | 0.0945 | 12.0 | 0.4724 | 3 | 38 |
| 326-1910 | 1.91 | 0.0752 | 12.0 | 0.4724 | 3 | 38 | 326-2410 | 2.41 | 0.0949 | 12.0 | 0.4724 | 3 | 38 |
| 326-1920 | 1.92 | 0.0756 | 12.0 | 0.4724 | 3 | 38 | 326-2420 | 2.42 | 0.0953 | 12.0 | 0.4724 | 3 | 38 |
| 326-1930 | 1.93 | 0.0760 | 12.0 | 0.4724 | 3 | 38 | 326-2430 | 2.43 | 0.0957 | 12.0 | 0.4724 | 3 | 38 |
| 326-1940 | 1.94 | 0.0764 | 12.0 | 0.4724 | 3 | 38 | 326-2440 | 2.44 | 0.0961 | 12.0 | 0.4724 | 3 | 38 |
| 326-1950 | 1.95 | 0.0768 | 12.0 | 0.4724 | 3 | 38 | 326-2450 | 2.45 | 0.0965 | 12.0 | 0.4724 | 3 | 38 |
| 326-1960 | 1.96 | 0.0772 | 12.0 | 0.4724 | 3 | 38 | 326-2460 | 2.46 | 0.0969 | 12.0 | 0.4724 | 3 | 38 |
| 326-1970 | 1.97 | 0.0776 | 12.0 | 0.4724 | 3 | 38 | 326-2470 | 2.47 | 0.0972 | 12.0 | 0.4724 | 3 | 38 |
| 326-1980 | 1.98 | 0.0780 | 12.0 | 0.4724 | 3 | 38 | 326-2480 | 2.48 | 0.0976 | 12.0 | 0.4724 | 3 | 38 |
| 326-1990 | 1.99 | 0.0783 | 12.0 | 0.4724 | 3 | 38 | 326-2490 | 2.49 | 0.0980 | 12.0 | 0.4724 | 3 | 38 |
| 326-2000 | 2.00 | 0.0787 | 12.0 | 0.4724 | 3 | 38 | 326-2500 | 2.50 | 0.0984 | 12.0 | 0.4724 | 3 | 38 |
| 326-2010 | 2.01 | 0.0791 | 12.0 | 0.4724 | 3 | 38 | 326-2510 | 2.51 | 0.0988 | 12.0 | 0.4724 | 3 | 38 |
| 326-2020 | 2.02 | 0.0795 | 12.0 | 0.4724 | 3 | 38 | 326-2520 | 2.52 | 0.0992 | 12.0 | 0.4724 | 3 | 38 |
| 326-2030 | 2.03 | 0.0799 | 12.0 | 0.4724 | 3 | 38 | 326-2530 | 2.53 | 0.0996 | 12.0 | 0.4724 | 3 | 38 |
| 326-2040 | 2.04 | 0.0803 | 12.0 | 0.4724 | 3 | 38 | 326-2540 | 2.54 | 0.1000 | 12.0 | 0.4724 | 3 | 38 |
| 326-2050 | 2.05 | 0.0807 | 12.0 | 0.4724 | 3 | 38 | 326-2550 | 2.55 | 0.1004 | 12.0 | 0.4724 | 3 | 38 |
| 326-2060 | 2.06 | 0.0811 | 12.0 | 0.4724 | 3 | 38 | 326-2560 | 2.56 | 0.1008 | 12.0 | 0.4724 | 3 | 38 |
| 326-2070 | 2.07 | 0.0815 | 12.0 | 0.4724 | 3 | 38 | 326-2570 | 2.57 | 0.1012 | 12.0 | 0.4724 | 3 | 38 |
| 326-2080 | 2.08 | 0.0819 | 12.0 | 0.4724 | 3 | 38 | 326-2580 | 2.58 | 0.1016 | 12.0 | 0.4724 | 3 | 38 |
| 326-2090 | 2.09 | 0.0823 | 12.0 | 0.4724 | 3 | 38 | 326-2590 | 2.59 | 0.1020 | 12.0 | 0.4724 | 3 | 38 |
| 326-2100 | 2.10 | 0.0827 | 12.0 | 0.4724 | 3 | 38 | 326-2600 | 2.60 | 0.1024 | 12.0 | 0.4724 | 3 | 38 |
| 326-2110 | 2.11 | 0.0831 | 12.0 | 0.4724 | 3 | 38 | 326-2610 | 2.61 | 0.1028 | 12.0 | 0.4724 | 3 | 38 |
| 326-2120 | 2.12 | 0.0835 | 12.0 | 0.4724 | 3 | 38 | 326-2620 | 2.62 | 0.1031 | 12.0 | 0.4724 | 3 | 38 |
| 326-2130 | 2.13 | 0.0839 | 12.0 | 0.4724 | 3 | 38 | 326-2630 | 2.63 | 0.1035 | 12.0 | 0.4724 | 3 | 38 |
| 326-2140 | 2.14 | 0.0843 | 12.0 | 0.4724 | 3 | 38 | 326-2640 | 2.64 | 0.1039 | 12.0 | 0.4724 | 3 | 38 |
| 326-2150 | 2.15 | 0.0846 | 12.0 | 0.4724 | 3 | 38 | 326-2650 | 2.65 | 0.1043 | 12.0 | 0.4724 | 3 | 38 |
| 326-2160 | 2.16 | 0.0850 | 12.0 | 0.4724 | 3 | 38 | 326-2660 | 2.66 | 0.1047 | 12.0 | 0.4724 | 3 | 38 |
| 326-2170 | 2.17 | 0.0854 | 12.0 | 0.4724 | 3 | 38 | 326-2670 | 2.67 | 0.1051 | 12.0 | 0.4724 | 3 | 38 |
| 326-2180 | 2.18 | 0.0858 | 12.0 | 0.4724 | 3 | 38 | 326-2680 | 2.68 | 0.1055 | 12.0 | 0.4724 | 3 | 38 |
| 326-2190 | 2.19 | 0.0862 | 12.0 | 0.4724 | 3 | 38 | 326-2690 | 2.69 | 0.1059 | 12.0 | 0.4724 | 3 | 38 |
| 326-2200 | 2.20 | 0.0866 | 12.0 | 0.4724 | 3 | 38 | 326-2700 | 2.70 | 0.1063 | 12.0 | 0.4724 | 3 | 38 |
| 326-2210 | 2.21 | 0.0870 | 12.0 | 0.4724 | 3 | 38 | 326-2710 | 2.71 | 0.1067 | 12.0 | 0.4724 | 3 | 38 |
| 326-2220 | 2.22 | 0.0874 | 12.0 | 0.4724 | 3 | 38 | 326-2720 | 2.72 | 0.1071 | 12.0 | 0.4724 | 3 | 38 |
| 326-2230 | 2.23 | 0.0878 | 12.0 | 0.4724 | 3 | 38 | 326-2730 | 2.73 | 0.1075 | 12.0 | 0.4724 | 3 | 38 |
| 326-2240 | 2.24 | 0.0882 | 12.0 | 0.4724 | 3 | 38 | 326-2740 | 2.74 | 0.1079 | 12.0 | 0.4724 | 3 | 38 |
| 326-2250 | 2.25 | 0.0886 | 12.0 | 0.4724 | 3 | 38 | 326-2750 | 2.75 | 0.1083 | 12.0 | 0.4724 | 3 | 38 |

MSU326 Carbide Micro Drill

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | mm | mm |
| 326-2760 | 2.76 | 0.1087 | 12.0 | 0.4724 | 3 | 38 |
| 326-2770 | 2.77 | 0.1091 | 12.0 | 0.4724 | 3 | 38 |
| 326-2780 | 2.78 | 0.1094 | 12.0 | 0.4724 | 3 | 38 |
| 326-2790 | 2.79 | 0.1098 | 12.0 | 0.4724 | 3 | 38 |
| 326-2800 | 2.80 | 0.1102 | 12.0 | 0.4724 | 3 | 38 |
| 326-2810 | 2.81 | 0.1106 | 12.0 | 0.4724 | 3 | 38 |
| 326-2820 | 2.82 | 0.1110 | 12.0 | 0.4724 | 3 | 38 |
| 326-2830 | 2.83 | 0.1114 | 12.0 | 0.4724 | 3 | 38 |
| 326-2840 | 2.84 | 0.1118 | 12.0 | 0.4724 | 3 | 38 |
| 326-2850 | 2.85 | 0.1122 | 12.0 | 0.4724 | 3 | 38 |
| 326-2860 | 2.86 | 0.1126 | 12.0 | 0.4724 | 3 | 38 |
| 326-2870 | 2.87 | 0.1130 | 12.0 | 0.4724 | 3 | 38 |
| 326-2880 | 2.88 | 0.1134 | 12.0 | 0.4724 | 3 | 38 |
| 326-2890 | 2.89 | 0.1138 | 12.0 | 0.4724 | 3 | 38 |
| 326-2900 | 2.90 | 0.1142 | 12.0 | 0.4724 | 3 | 38 |
| 326-2910 | 2.91 | 0.1146 | 12.0 | 0.4724 | 3 | 38 |
| 326-2920 | 2.92 | 0.1150 | 12.0 | 0.4724 | 3 | 38 |
| 326-2930 | 2.93 | 0.1154 | 12.0 | 0.4724 | 3 | 38 |
| 326-2940 | 2.94 | 0.1157 | 12.0 | 0.4724 | 3 | 38 |
| 326-2950 | 2.95 | 0.1161 | 12.0 | 0.4724 | 3 | 38 |
| 326-2960 | 2.96 | 0.1165 | 12.0 | 0.4724 | 3 | 38 |
| 326-2970 | 2.97 | 0.1169 | 12.0 | 0.4724 | 3 | 38 |
| 326-2980 | 2.98 | 0.1173 | 12.0 | 0.4724 | 3 | 38 |
| 326-2990 | 2.99 | 0.1177 | 12.0 | 0.4724 | 3 | 38 |
| 326-3000 | 3.00 | 0.1181 | 12.0 | 0.4724 | 3 | 38 |



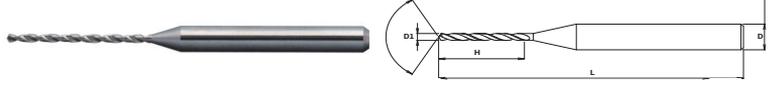
MSU326L Carbide Micro Drill (extra long flute)



Diameter Range: $\Phi 0.04$ - $\Phi 3.0$ mm

Diameter Tolerance: 0-0.005mm

Workpiece (● Most Suitable ▲ Suitable)



| Cast Iron | Carbon Steel S45C S55C | Alloy Steel SK-SCM SUS | Pre-hardened Steel | Hardened Steel | | | Stainless Steel | High-temperature alloy | Titanium |
|-----------|---------------------------|---------------------------|-----------------------|------------------------|--------|--------|-----------------|---------------------------|----------|
| | | | | ~55HRC | ~60HRC | ~70HRC | | | |
| ▲ | ▲ | ▲ | ▲ | | | | | ▲ | |
| Copper | Aluminum | Fiberglass | Bakelite | Engineering Plastic | | | | | graphite |
| ● | ● | ● | ● | ● | | | | | ▲ |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 326L-0040 | 0.040 | 0.0016 | 0.7 | 0.0276 | 3 | 38 |
| 326L-0045 | 0.045 | 0.0018 | 0.7 | 0.0276 | 3 | 38 |
| 326L-0050 | 0.050 | 0.0020 | 0.9 | 0.0354 | 3 | 38 |
| 326L-0055 | 0.055 | 0.0022 | 0.9 | 0.0354 | 3 | 38 |
| 326L-0060 | 0.060 | 0.0024 | 1.0 | 0.0394 | 3 | 38 |
| 326L-0065 | 0.065 | 0.0026 | 1.0 | 0.0394 | 3 | 38 |
| 326L-0070 | 0.070 | 0.0028 | 1.2 | 0.0472 | 3 | 38 |
| 326L-0075 | 0.075 | 0.0030 | 1.2 | 0.0472 | 3 | 38 |
| 326L-0080 | 0.080 | 0.0031 | 1.5 | 0.0591 | 3 | 38 |
| 326L-0085 | 0.085 | 0.0033 | 1.5 | 0.0591 | 3 | 38 |
| 326L-0090 | 0.090 | 0.0035 | 1.8 | 0.0709 | 3 | 38 |
| 326L-0095 | 0.095 | 0.0037 | 1.8 | 0.0709 | 3 | 38 |
| 326L-0100 | 0.100 | 0.0039 | 3.0 | 0.1181 | 3 | 38 |
| 326L-0110 | 0.11 | 0.0043 | 3.0 | 0.1181 | 3 | 38 |
| 326L-0120 | 0.12 | 0.0047 | 4.0 | 0.1575 | 3 | 38 |
| 326L-0130 | 0.13 | 0.0051 | 4.0 | 0.1575 | 3 | 38 |
| 326L-0140 | 0.14 | 0.0055 | 4.0 | 0.1575 | 3 | 38 |
| 326L-0150 | 0.15 | 0.0059 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0160 | 0.16 | 0.0063 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0170 | 0.17 | 0.0067 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0180 | 0.18 | 0.0071 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0190 | 0.19 | 0.0075 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0200 | 0.20 | 0.0079 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0210 | 0.21 | 0.0083 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0220 | 0.22 | 0.0087 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0230 | 0.23 | 0.0091 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0240 | 0.24 | 0.0094 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0250 | 0.25 | 0.0098 | 5.0 | 0.1969 | 3 | 38 |
| 326L-0260 | 0.26 | 0.0102 | 6.0 | 0.2362 | 3 | 38 |
| 326L-0270 | 0.27 | 0.0106 | 6.0 | 0.2362 | 3 | 38 |
| 326L-0280 | 0.28 | 0.0110 | 6.0 | 0.2362 | 3 | 38 |
| 326L-0290 | 0.29 | 0.0114 | 6.0 | 0.2362 | 3 | 38 |
| 326L-0300 | 0.30 | 0.0118 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0310 | 0.31 | 0.0122 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0320 | 0.32 | 0.0126 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0330 | 0.33 | 0.0130 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0340 | 0.34 | 0.0134 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0350 | 0.35 | 0.0138 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0360 | 0.36 | 0.0142 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0370 | 0.37 | 0.0146 | 8.0 | 0.3150 | 3 | 38 |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326L-0380 | 0.38 | 0.0150 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0390 | 0.39 | 0.0154 | 8.0 | 0.3150 | 3 | 38 |
| 326L-0400 | 0.40 | 0.0157 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 326L-0410 | 0.41 | 0.0161 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0420 | 0.42 | 0.0165 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0430 | 0.43 | 0.0169 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0440 | 0.44 | 0.0173 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0450 | 0.45 | 0.0177 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 326L-0460 | 0.46 | 0.0181 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0470 | 0.47 | 0.0185 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0480 | 0.48 | 0.0189 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0490 | 0.49 | 0.0193 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0500 | 0.50 | 0.0197 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 326L-0510 | 0.51 | 0.0201 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0520 | 0.52 | 0.0205 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0530 | 0.53 | 0.0209 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0540 | 0.54 | 0.0213 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0550 | 0.55 | 0.0217 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 326L-0560 | 0.56 | 0.0220 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0570 | 0.57 | 0.0224 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0580 | 0.58 | 0.0228 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0590 | 0.59 | 0.0232 | 9.0 | 0.3543 | 3 | 38 |
| 326L-0600 | 0.60 | 0.0236 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0610 | 0.61 | 0.0240 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0620 | 0.62 | 0.0244 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0630 | 0.63 | 0.0248 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0640 | 0.64 | 0.0252 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0650 | 0.65 | 0.0256 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0660 | 0.66 | 0.0260 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0670 | 0.67 | 0.0264 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0680 | 0.68 | 0.0268 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0690 | 0.69 | 0.0272 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0700 | 0.70 | 0.0276 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0710 | 0.71 | 0.0280 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0720 | 0.72 | 0.0283 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0730 | 0.73 | 0.0287 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0740 | 0.74 | 0.0291 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0750 | 0.75 | 0.0295 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0760 | 0.76 | 0.0299 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0770 | 0.77 | 0.0303 | 10.0 | 0.3937 | 3 | 38 |

MSU326L Carbide Micro Drill(extra long flute)

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326L-0780 | 0.78 | 0.0307 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0790 | 0.79 | 0.0311 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0800 | 0.80 | 0.0315 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0810 | 0.81 | 0.0319 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0820 | 0.82 | 0.0323 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0830 | 0.83 | 0.0327 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0840 | 0.84 | 0.0331 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0850 | 0.85 | 0.0335 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 326L-0860 | 0.86 | 0.0339 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0870 | 0.87 | 0.0343 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0880 | 0.88 | 0.0346 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0890 | 0.89 | 0.0350 | 10.0 | 0.3937 | 3 | 38 |
| 326L-0900 | 0.90 | 0.0354 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0910 | 0.91 | 0.0358 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0920 | 0.92 | 0.0362 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0930 | 0.93 | 0.0366 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0940 | 0.94 | 0.0370 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0950 | 0.95 | 0.0374 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0960 | 0.96 | 0.0378 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0970 | 0.97 | 0.0382 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0980 | 0.98 | 0.0386 | 12.0 | 0.4724 | 3 | 38 |
| 326L-0990 | 0.99 | 0.0390 | 12.0 | 0.4724 | 3 | 38 |
| 326L-1000 | 1.00 | 0.0394 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1010 | 1.01 | 0.0398 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1020 | 1.02 | 0.0402 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1030 | 1.03 | 0.0406 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1040 | 1.04 | 0.0409 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1050 | 1.05 | 0.0413 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1060 | 1.06 | 0.0417 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1070 | 1.07 | 0.0421 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1080 | 1.08 | 0.0425 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1090 | 1.09 | 0.0429 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1100 | 1.10 | 0.0433 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1110 | 1.11 | 0.0437 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1120 | 1.12 | 0.0441 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1130 | 1.13 | 0.0445 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1140 | 1.14 | 0.0449 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1150 | 1.15 | 0.0453 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1160 | 1.16 | 0.0457 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1170 | 1.17 | 0.0461 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1180 | 1.18 | 0.0465 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1190 | 1.19 | 0.0469 | 15.0 | 0.5906 | 3 | 50 |
| 326L-1200 | 1.20 | 0.0472 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1210 | 1.21 | 0.0476 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1220 | 1.22 | 0.0480 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1230 | 1.23 | 0.0484 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1240 | 1.24 | 0.0488 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1250 | 1.25 | 0.0492 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1260 | 1.26 | 0.0496 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1270 | 1.27 | 0.0500 | 18.0 | 0.7087 | 3 | 50 |

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 326L-1280 | 1.28 | 0.0504 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1290 | 1.29 | 0.0508 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1300 | 1.30 | 0.0512 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1310 | 1.31 | 0.0516 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1320 | 1.32 | 0.0520 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1330 | 1.33 | 0.0524 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1340 | 1.34 | 0.0528 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1350 | 1.35 | 0.0531 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1360 | 1.36 | 0.0535 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1370 | 1.37 | 0.0539 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1380 | 1.38 | 0.0543 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1390 | 1.39 | 0.0547 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1400 | 1.40 | 0.0551 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1410 | 1.41 | 0.0555 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1420 | 1.42 | 0.0559 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1430 | 1.43 | 0.0563 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1440 | 1.44 | 0.0567 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1450 | 1.45 | 0.0571 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1460 | 1.46 | 0.0575 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1470 | 1.47 | 0.0579 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1480 | 1.48 | 0.0583 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1490 | 1.49 | 0.0587 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1500 | 1.50 | 0.0591 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1510 | 1.51 | 0.0594 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1520 | 1.52 | 0.0598 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1530 | 1.53 | 0.0602 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1540 | 1.54 | 0.0606 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1550 | 1.55 | 0.0610 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1560 | 1.56 | 0.0614 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1570 | 1.57 | 0.0618 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1580 | 1.58 | 0.0622 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1590 | 1.59 | 0.0626 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1600 | 1.60 | 0.0630 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1610 | 1.61 | 0.0634 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1620 | 1.62 | 0.0638 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1630 | 1.63 | 0.0642 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1640 | 1.64 | 0.0646 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1650 | 1.65 | 0.0650 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1660 | 1.66 | 0.0654 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1670 | 1.67 | 0.0657 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1680 | 1.68 | 0.0661 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1690 | 1.69 | 0.0665 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1700 | 1.70 | 0.0669 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1710 | 1.71 | 0.0673 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1720 | 1.72 | 0.0677 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1730 | 1.73 | 0.0681 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1740 | 1.74 | 0.0685 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1750 | 1.75 | 0.0689 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1760 | 1.76 | 0.0693 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1770 | 1.77 | 0.0697 | 18.0 | 0.7087 | 3 | 50 |

MSU326L

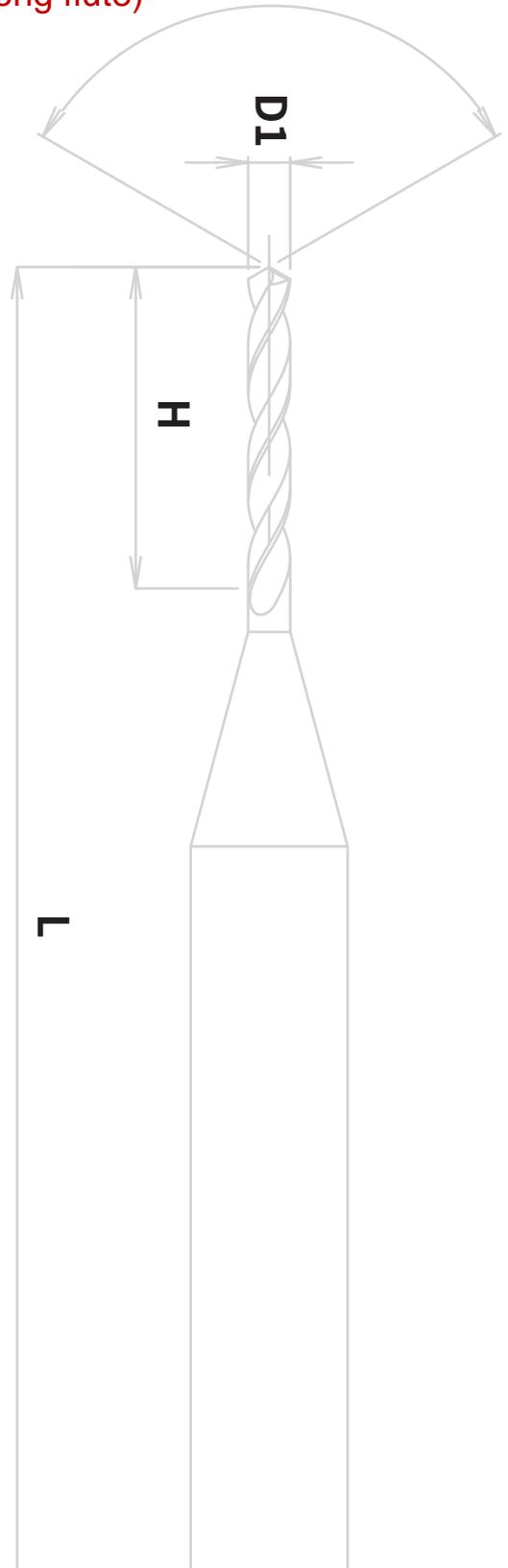
Carbide Micro Drill(extra long flute)

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 326L-1780 | 1.78 | 0.0701 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1790 | 1.79 | 0.0705 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1800 | 1.80 | 0.0709 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1810 | 1.81 | 0.0713 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1820 | 1.82 | 0.0717 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1830 | 1.83 | 0.0720 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1840 | 1.84 | 0.0724 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1850 | 1.85 | 0.0728 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1860 | 1.86 | 0.0732 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1870 | 1.87 | 0.0736 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1880 | 1.88 | 0.0740 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1890 | 1.89 | 0.0744 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1900 | 1.90 | 0.0748 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1910 | 1.91 | 0.0752 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1920 | 1.92 | 0.0756 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1930 | 1.93 | 0.0760 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1940 | 1.94 | 0.0764 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1950 | 1.95 | 0.0768 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1960 | 1.96 | 0.0772 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1970 | 1.97 | 0.0776 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1980 | 1.98 | 0.0780 | 18.0 | 0.7087 | 3 | 50 |
| 326L-1990 | 1.99 | 0.0783 | 18.0 | 0.7087 | 3 | 50 |
| 326L-2000 | 2.00 | 0.0787 | 18.0/25.0 | 0.7087/0.9843 | 3 | 50 |
| 326L-2010 | 2.01 | 0.0791 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2020 | 2.02 | 0.0795 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2030 | 2.03 | 0.0799 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2040 | 2.04 | 0.0803 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2050 | 2.05 | 0.0807 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2060 | 2.06 | 0.0811 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2070 | 2.07 | 0.0815 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2080 | 2.08 | 0.0819 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2090 | 2.09 | 0.0823 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2100 | 2.10 | 0.0827 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2110 | 2.11 | 0.0831 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2120 | 2.12 | 0.0835 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2130 | 2.13 | 0.0839 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2140 | 2.14 | 0.0843 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2150 | 2.15 | 0.0846 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2160 | 2.16 | 0.0850 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2170 | 2.17 | 0.0854 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2180 | 2.18 | 0.0858 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2190 | 2.19 | 0.0862 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2200 | 2.20 | 0.0866 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2210 | 2.21 | 0.0870 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2220 | 2.22 | 0.0874 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2230 | 2.23 | 0.0878 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2240 | 2.24 | 0.0882 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2250 | 2.25 | 0.0886 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2260 | 2.26 | 0.0890 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2270 | 2.27 | 0.0894 | 25.0 | 0.9843 | 3 | 60 |

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 326L-2280 | 2.28 | 0.0898 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2290 | 2.29 | 0.0902 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2300 | 2.30 | 0.0906 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2310 | 2.31 | 0.0909 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2320 | 2.32 | 0.0913 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2330 | 2.33 | 0.0917 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2340 | 2.34 | 0.0921 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2350 | 2.35 | 0.0925 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2360 | 2.36 | 0.0929 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2370 | 2.37 | 0.0933 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2380 | 2.38 | 0.0937 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2390 | 2.39 | 0.0941 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2400 | 2.40 | 0.0945 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2410 | 2.41 | 0.0949 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2420 | 2.42 | 0.0953 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2430 | 2.43 | 0.0957 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2440 | 2.44 | 0.0961 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2450 | 2.45 | 0.0965 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2460 | 2.46 | 0.0969 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2470 | 2.47 | 0.0972 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2480 | 2.48 | 0.0976 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2490 | 2.49 | 0.0980 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2500 | 2.50 | 0.0984 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2510 | 2.51 | 0.0988 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2520 | 2.52 | 0.0992 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2530 | 2.53 | 0.0996 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2540 | 2.54 | 0.1000 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2550 | 2.55 | 0.1004 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2560 | 2.56 | 0.1008 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2570 | 2.57 | 0.1012 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2580 | 2.58 | 0.1016 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2590 | 2.59 | 0.1020 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2600 | 2.60 | 0.1024 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2610 | 2.61 | 0.1028 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2620 | 2.62 | 0.1031 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2630 | 2.63 | 0.1035 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2640 | 2.64 | 0.1039 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2650 | 2.65 | 0.1043 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2660 | 2.66 | 0.1047 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2670 | 2.67 | 0.1051 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2680 | 2.68 | 0.1055 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2690 | 2.69 | 0.1059 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2700 | 2.70 | 0.1063 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2710 | 2.71 | 0.1067 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2720 | 2.72 | 0.1071 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2730 | 2.73 | 0.1075 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2740 | 2.74 | 0.1079 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2750 | 2.75 | 0.1083 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2760 | 2.76 | 0.1087 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2770 | 2.77 | 0.1091 | 25.0 | 0.9843 | 3 | 60 |

MSU326L Carbide Micro Drill(extra long flute)

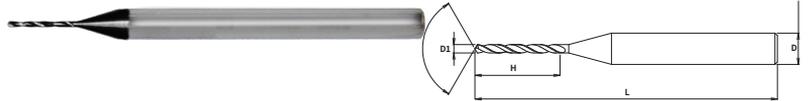
| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|--|--------|------|------|
| | mm | inch | mm | inch | | |
| 326L-2780 | 2.78 | 0.1094 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2790 | 2.79 | 0.1098 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2800 | 2.80 | 0.1102 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2810 | 2.81 | 0.1106 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2820 | 2.82 | 0.1110 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2830 | 2.83 | 0.1114 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2840 | 2.84 | 0.1118 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2850 | 2.85 | 0.1122 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2860 | 2.86 | 0.1126 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2870 | 2.87 | 0.1130 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2880 | 2.88 | 0.1134 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2890 | 2.89 | 0.1138 | 25.0 </td <td>0.9843</td> <td>3</td> <td>60</td> | 0.9843 | 3 | 60 |
| 326L-2900 | 2.90 | 0.1142 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2910 | 2.91 | 0.1146 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2920 | 2.92 | 0.1150 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2930 | 2.93 | 0.1154 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2940 | 2.94 | 0.1157 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2950 | 2.95 | 0.1161 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2960 | 2.96 | 0.1165 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2970 | 2.97 | 0.1169 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2980 | 2.98 | 0.1173 | 25.0 | 0.9843 | 3 | 60 |
| 326L-2990 | 2.99 | 0.1177 | 25.0 | 0.9843 | 3 | 60 |
| 326L-3000 | 3.00 | 0.1181 | 25.0 | 0.9843 | 3 | 60 |



MSU426 High Performance Carbide Micro Drills



Diameter Range: $\Phi 0.03$ - $\Phi 3.0$ mm
 Diameter Tolerance: 0-0.005mm
 $D1 \leq 1.0$ mm Drill Point Angle 118°
 $D1 > 1.0$ mm Drill Point Angle 135°



Workpiece (● Most Suitable ▲ Suitable)

| Cast Iron | Carbon steel S45C S55C | Alloy Steel SK·SCM SUS | Pre-hardend Steel | ~55HRC | Hardened Steel ~60HRC | ~70HRC | Stainless Steel | High-temperature alloy | Titanium |
|-----------|---------------------------|---------------------------|----------------------|------------------------|--------------------------|--------|-----------------|---------------------------|----------|
| ● | ● | ● | ● | ▲ | | | ● | ● | ● |
| Copper | Aluminum | Fiberglass | Bakelite | Engineering Plastic | | | | | graphite |
| ▲ | ▲ | ● | ▲ | ▲ | | | | | ▲ |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 426-0030 | 0.030 | 0.0012 | 0.30 | 0.0118 | 3 | 38 |
| 426-0035 | 0.035 | 0.0014 | 0.35 | 0.0138 | 3 | 38 |
| 426-0040 | 0.040 | 0.0016 | 0.40 | 0.0157 | 3 | 38 |
| 426-0045 | 0.045 | 0.0018 | 0.45 | 0.0177 | 3 | 38 |
| 426-0050 | 0.050 | 0.0020 | 0.50 | 0.0197 | 3 | 38 |
| 426-0055 | 0.055 | 0.0022 | 0.55 | 0.0217 | 3 | 38 |
| 426-0060 | 0.060 | 0.0024 | 0.60 | 0.0236 | 3 | 38 |
| 426-0065 | 0.065 | 0.0026 | 0.65 | 0.0256 | 3 | 38 |
| 426-0070 | 0.070 | 0.0028 | 0.70 | 0.0276 | 3 | 38 |
| 426-0075 | 0.075 | 0.0030 | 0.75 | 0.0295 | 3 | 38 |
| 426-0080 | 0.080 | 0.0031 | 0.80 | 0.0315 | 3 | 38 |
| 426-0085 | 0.085 | 0.0033 | 0.85 | 0.0335 | 3 | 38 |
| 426-0090 | 0.090 | 0.0035 | 0.90 | 0.0354 | 3 | 38 |
| 426-0095 | 0.095 | 0.0037 | 0.95 | 0.0374 | 3 | 38 |
| 426-0100 | 0.10 | 0.0039 | 1.0 | 0.0394 | 3 | 38 |
| 426-0110 | 0.11 | 0.0043 | 1.0 | 0.0394 | 3 | 38 |
| 426-0120 | 0.12 | 0.0047 | 1.0 | 0.0394 | 3 | 38 |
| 426-0130 | 0.13 | 0.0051 | 1.5 | 0.0591 | 3 | 38 |
| 426-0140 | 0.14 | 0.0055 | 1.5 | 0.0591 | 3 | 38 |
| 426-0150 | 0.15 | 0.0059 | 1.5 | 0.0591 | 3 | 38 |
| 426-0160 | 0.16 | 0.0063 | 2.0 | 0.0787 | 3 | 38 |
| 426-0170 | 0.17 | 0.0067 | 2.0 | 0.0787 | 3 | 38 |
| 426-0180 | 0.18 | 0.0071 | 2.0 | 0.0787 | 3 | 38 |
| 426-0190 | 0.19 | 0.0075 | 2.0 | 0.0787 | 3 | 38 |
| 426-0200 | 0.20 | 0.0079 | 2.0 | 0.0787 | 3 | 38 |
| 426-0210 | 0.21 | 0.0083 | 2.5 | 0.0984 | 3 | 38 |
| 426-0220 | 0.22 | 0.0087 | 2.5 | 0.0984 | 3 | 38 |
| 426-0230 | 0.23 | 0.0091 | 2.5 | 0.0984 | 3 | 38 |
| 426-0240 | 0.24 | 0.0094 | 2.5 | 0.0984 | 3 | 38 |
| 426-0250 | 0.25 | 0.0098 | 2.5 | 0.0984 | 3 | 38 |
| 426-0260 | 0.26 | 0.0102 | 3.0 | 0.1181 | 3 | 38 |
| 426-0270 | 0.27 | 0.0106 | 3.0 | 0.1181 | 3 | 38 |
| 426-0280 | 0.28 | 0.0110 | 3.0 | 0.1181 | 3 | 38 |
| 426-0290 | 0.29 | 0.0114 | 3.0 | 0.1181 | 3 | 38 |
| 426-0300 | 0.30 | 0.0118 | 3.0 | 0.1181 | 3 | 38 |
| 426-0310 | 0.31 | 0.0122 | 3.0 | 0.1181 | 3 | 38 |
| 426-0320 | 0.32 | 0.0126 | 3.0 | 0.1181 | 3 | 38 |
| 426-0330 | 0.33 | 0.0130 | 3.0 | 0.1181 | 3 | 38 |
| 426-0340 | 0.34 | 0.0134 | 3.0 | 0.1181 | 3 | 38 |
| 426-0350 | 0.35 | 0.0138 | 3.0 | 0.1181 | 3 | 38 |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 426-0360 | 0.36 | 0.0142 | 3.0 | 0.1181 | 3 | 38 |
| 426-0370 | 0.37 | 0.0146 | 3.0 | 0.1181 | 3 | 38 |
| 426-0380 | 0.38 | 0.0150 | 3.0 | 0.1181 | 3 | 38 |
| 426-0390 | 0.39 | 0.0154 | 3.0 | 0.1181 | 3 | 38 |
| 426-0400 | 0.40 | 0.0157 | 4.0 | 0.1575 | 3 | 38 |
| 426-0410 | 0.41 | 0.0161 | 4.0 | 0.1575 | 3 | 38 |
| 426-0420 | 0.42 | 0.0165 | 4.0 | 0.1575 | 3 | 38 |
| 426-0430 | 0.43 | 0.0169 | 4.0 | 0.1575 | 3 | 38 |
| 426-0440 | 0.44 | 0.0173 | 4.0 | 0.1575 | 3 | 38 |
| 426-0450 | 0.45 | 0.0177 | 4.0 | 0.1575 | 3 | 38 |
| 426-0460 | 0.46 | 0.0181 | 4.0 | 0.1575 | 3 | 38 |
| 426-0470 | 0.47 | 0.0185 | 4.0 | 0.1575 | 3 | 38 |
| 426-0480 | 0.48 | 0.0189 | 4.0 | 0.1575 | 3 | 38 |
| 426-0490 | 0.49 | 0.0193 | 4.0 | 0.1575 | 3 | 38 |
| 426-0500 | 0.50 | 0.0197 | 5.0 | 0.1969 | 3 | 38 |
| 426-0510 | 0.51 | 0.0201 | 5.0 | 0.1969 | 3 | 38 |
| 426-0520 | 0.52 | 0.0205 | 5.0 | 0.1969 | 3 | 38 |
| 426-0530 | 0.53 | 0.0209 | 5.0 | 0.1969 | 3 | 38 |
| 426-0540 | 0.54 | 0.0213 | 5.0 | 0.1969 | 3 | 38 |
| 426-0550 | 0.55 | 0.0217 | 5.0 | 0.1969 | 3 | 38 |
| 426-0560 | 0.56 | 0.0220 | 5.0 | 0.1969 | 3 | 38 |
| 426-0570 | 0.57 | 0.0224 | 5.0 | 0.1969 | 3 | 38 |
| 426-0580 | 0.58 | 0.0228 | 5.0 | 0.1969 | 3 | 38 |
| 426-0590 | 0.59 | 0.0232 | 5.0 | 0.1969 | 3 | 38 |
| 426-0600 | 0.60 | 0.0236 | 6.0 | 0.2362 | 3 | 38 |
| 426-0610 | 0.61 | 0.0240 | 6.0 | 0.2362 | 3 | 38 |
| 426-0620 | 0.62 | 0.0244 | 6.0 | 0.2362 | 3 | 38 |
| 426-0630 | 0.63 | 0.0248 | 6.0 | 0.2362 | 3 | 38 |
| 426-0640 | 0.64 | 0.0252 | 6.0 | 0.2362 | 3 | 38 |
| 426-0650 | 0.65 | 0.0256 | 6.0 | 0.2362 | 3 | 38 |
| 426-0660 | 0.66 | 0.0260 | 6.0 | 0.2362 | 3 | 38 |
| 426-0670 | 0.67 | 0.0264 | 6.0 | 0.2362 | 3 | 38 |
| 426-0680 | 0.68 | 0.0268 | 6.0 | 0.2362 | 3 | 38 |
| 426-0690 | 0.69 | 0.0272 | 6.0 | 0.2362 | 3 | 38 |
| 426-0700 | 0.70 | 0.0276 | 6.0 | 0.2362 | 3 | 38 |
| 426-0710 | 0.71 | 0.0280 | 6.0 | 0.2362 | 3 | 38 |
| 426-0720 | 0.72 | 0.0283 | 6.0 | 0.2362 | 3 | 38 |
| 426-0730 | 0.73 | 0.0287 | 6.0 | 0.2362 | 3 | 38 |
| 426-0740 | 0.74 | 0.0291 | 6.0 | 0.2362 | 3 | 38 |
| 426-0750 | 0.75 | 0.0295 | 6.0 | 0.2362 | 3 | 38 |

MSU426 High Performance Carbide Micro Drills

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L | 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----|--------|------|------|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | | | mm | mm | mm | inch | | |
| 426-0760 | 0.76 | 0.0299 | 6.0 | 0.2362 | 3 | 38 | 426-1190 | 1.19 | 0.0469 | 7.0 | 0.2756 | 3 | 38 |
| 426-0770 | 0.77 | 0.0303 | 6.0 | 0.2362 | 3 | 38 | 426-1200 | 1.20 | 0.0472 | 8.0 | 0.3150 | 3 | 38 |
| 426-0780 | 0.78 | 0.0307 | 6.0 | 0.2362 | 3 | 38 | 426-1210 | 1.21 | 0.0476 | 8.0 | 0.3150 | 3 | 38 |
| 426-0790 | 0.79 | 0.0311 | 6.0 | 0.2362 | 3 | 38 | 426-1220 | 1.22 | 0.0480 | 8.0 | 0.3150 | 3 | 38 |
| 426-0800 | 0.80 | 0.0315 | 6.0 | 0.2362 | 3 | 38 | 426-1230 | 1.23 | 0.0484 | 8.0 | 0.3150 | 3 | 38 |
| 426-0810 | 0.81 | 0.0319 | 6.0 | 0.2362 | 3 | 38 | 426-1240 | 1.24 | 0.0488 | 8.0 | 0.3150 | 3 | 38 |
| 426-0820 | 0.82 | 0.0323 | 6.0 | 0.2362 | 3 | 38 | 426-1250 | 1.25 | 0.0492 | 8.0/12.0 | 0.3150/0.4724 | 3 | 38 |
| 426-0830 | 0.83 | 0.0327 | 6.0 | 0.2362 | 3 | 38 | 426-1260 | 1.26 | 0.0496 | 8.0 | 0.3150 | 3 | 38 |
| 426-0840 | 0.84 | 0.0331 | 6.0 | 0.2362 | 3 | 38 | 426-1270 | 1.27 | 0.0500 | 8.0 | 0.3150 | 3 | 38 |
| 426-0850 | 0.85 | 0.0335 | 6.0 | 0.2362 | 3 | 38 | 426-1280 | 1.28 | 0.0504 | 8.0 | 0.3150 | 3 | 38 |
| 426-0860 | 0.86 | 0.0339 | 6.0 | 0.2362 | 3 | 38 | 426-1290 | 1.29 | 0.0508 | 8.0 | 0.3150 | 3 | 38 |
| 426-0870 | 0.87 | 0.0343 | 6.0 | 0.2362 | 3 | 38 | 426-1300 | 1.30 | 0.0512 | 8.0/12.0 | 0.3150/0.4724 | 3 | 38 |
| 426-0880 | 0.88 | 0.0346 | 6.0 | 0.2362 | 3 | 38 | 426-1310 | 1.31 | 0.0516 | 8.0 | 0.3150 | 3 | 38 |
| 426-0883 | 0.883 | 0.0348 | 6.0 | 0.2362 | 3 | 38 | 426-1320 | 1.32 | 0.0520 | 8.0 | 0.3150 | 3 | 38 |
| 426-0885 | 0.885 | 0.0348 | 6.0 | 0.2362 | 3 | 38 | 426-1330 | 1.33 | 0.0524 | 8.0 | 0.3150 | 3 | 38 |
| 426-0887 | 0.887 | 0.0349 | 6.0 | 0.2362 | 3 | 38 | 426-1340 | 1.34 | 0.0528 | 8.0 | 0.3150 | 3 | 38 |
| 426-0889 | 0.889 | 0.0350 | 6.0 | 0.2362 | 3 | 38 | 426-1350 | 1.35 | 0.0531 | 8.0/12.0 | 0.3150/0.4724 | 3 | 38 |
| 426-0891 | 0.891 | 0.0351 | 6.0 | 0.2362 | 3 | 38 | 426-1360 | 1.36 | 0.0535 | 8.0 | 0.3150 | 3 | 38 |
| 426-0893 | 0.893 | 0.0352 | 6.0 | 0.2362 | 3 | 38 | 426-1370 | 1.37 | 0.0539 | 8.0 | 0.3150 | 3 | 38 |
| 426-0895 | 0.895 | 0.0352 | 6.0 | 0.2362 | 3 | 38 | 426-1380 | 1.38 | 0.0543 | 8.0 | 0.3150 | 3 | 38 |
| 426-0897 | 0.897 | 0.0353 | 6.0 | 0.2362 | 3 | 38 | 426-1390 | 1.39 | 0.0547 | 8.0 | 0.3150 | 3 | 38 |
| 426-0900 | 0.90 | 0.0354 | 6.0 | 0.2362 | 3 | 38 | 426-1400 | 1.40 | 0.0551 | 8.0/12.0 | 0.3150/0.4724 | 3 | 38 |
| 426-0910 | 0.91 | 0.0358 | 6.0 | 0.2362 | 3 | 38 | 426-1410 | 1.41 | 0.0555 | 8.0 | 0.3150 | 3 | 38 |
| 426-0920 | 0.92 | 0.0362 | 6.0 | 0.2362 | 3 | 38 | 426-1420 | 1.42 | 0.0559 | 8.0 | 0.3150 | 3 | 38 |
| 426-0930 | 0.93 | 0.0366 | 6.0 | 0.2362 | 3 | 38 | 426-1430 | 1.43 | 0.0563 | 8.0 | 0.3150 | 3 | 38 |
| 426-0940 | 0.94 | 0.0370 | 6.0 | 0.2362 | 3 | 38 | 426-1440 | 1.44 | 0.0567 | 8.0 | 0.3150 | 3 | 38 |
| 426-0950 | 0.95 | 0.0374 | 6.0 | 0.2362 | 3 | 38 | 426-1450 | 1.45 | 0.0571 | 8.0/12.0 | 0.3150/0.4724 | 3 | 38 |
| 426-0960 | 0.96 | 0.0378 | 6.0 | 0.2362 | 3 | 38 | 426-1460 | 1.46 | 0.0575 | 8.0 | 0.3150 | 3 | 38 |
| 426-0970 | 0.97 | 0.0382 | 6.0 | 0.2362 | 3 | 38 | 426-1470 | 1.47 | 0.0579 | 8.0 | 0.3150 | 3 | 38 |
| 426-0980 | 0.98 | 0.0386 | 6.0 | 0.2362 | 3 | 38 | 426-1480 | 1.48 | 0.0583 | 8.0 | 0.3150 | 3 | 38 |
| 426-0990 | 0.99 | 0.0390 | 6.0 | 0.2362 | 3 | 38 | 426-1490 | 1.49 | 0.0587 | 8.0 | 0.3150 | 3 | 38 |
| 426-1000 | 1.00 | 0.0394 | 7.0 | 0.2756 | 3 | 38 | 426-1500 | 1.50 | 0.0591 | 8.0 | 0.3150 | 3 | 38 |
| 426-1010 | 1.01 | 0.0398 | 7.0 | 0.2756 | 3 | 38 | | | | 10.0 | 0.3937 | | |
| 426-1020 | 1.02 | 0.0402 | 7.0 | 0.2756 | 3 | 38 | | | | 12.0 | 0.4724 | | |
| 426-1030 | 1.03 | 0.0406 | 7.0 | 0.2756 | 3 | 38 | 426-1510 | 1.51 | 0.0594 | 10.0 | 0.3937 | 3 | 38 |
| 426-1040 | 1.04 | 0.0409 | 7.0 | 0.2756 | 3 | 38 | 426-1520 | 1.52 | 0.0598 | 10.0 | 0.3937 | 3 | 38 |
| 426-1050 | 1.05 | 0.0413 | 7.0 | 0.2756 | 3 | 38 | 426-1530 | 1.53 | 0.0602 | 10.0 | 0.3937 | 3 | 38 |
| 426-1060 | 1.06 | 0.0417 | 7.0 | 0.2756 | 3 | 38 | 426-1540 | 1.54 | 0.0606 | 10.0 | 0.3937 | 3 | 38 |
| 426-1070 | 1.07 | 0.0421 | 7.0 | 0.2756 | 3 | 38 | 426-1550 | 1.55 | 0.0610 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1080 | 1.08 | 0.0425 | 7.0 | 0.2756 | 3 | 38 | 426-1560 | 1.56 | 0.0614 | 10.0 | 0.3937 | 3 | 38 |
| 426-1090 | 1.09 | 0.0429 | 7.0 | 0.2756 | 3 | 38 | 426-1570 | 1.57 | 0.0618 | 10.0 | 0.3937 | 3 | 38 |
| 426-1100 | 1.10 | 0.0433 | 7.0 | 0.2756 | 3 | 38 | 426-1580 | 1.58 | 0.0622 | 10.0 | 0.3937 | 3 | 38 |
| 426-1110 | 1.11 | 0.0437 | 7.0 | 0.2756 | 3 | 38 | 426-1590 | 1.59 | 0.0626 | 10.0 | 0.3937 | 3 | 38 |
| 426-1120 | 1.12 | 0.0441 | 7.0 | 0.2756 | 3 | 38 | 426-1600 | 1.60 | 0.0630 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1130 | 1.13 | 0.0445 | 7.0 | 0.2756 | 3 | 38 | 426-1610 | 1.61 | 0.0634 | 10.0 | 0.3937 | 3 | 38 |
| 426-1140 | 1.14 | 0.0449 | 7.0 | 0.2756 | 3 | 38 | 426-1620 | 1.62 | 0.0638 | 10.0 | 0.3937 | 3 | 38 |
| 426-1150 | 1.15 | 0.0453 | 7.0 | 0.2756 | 3 | 38 | 426-1630 | 1.63 | 0.0642 | 10.0 | 0.3937 | 3 | 38 |
| 426-1160 | 1.16 | 0.0457 | 7.0 | 0.2756 | 3 | 38 | 426-1640 | 1.64 | 0.0646 | 10.0 | 0.3937 | 3 | 38 |
| 426-1170 | 1.17 | 0.0461 | 7.0 | 0.2756 | 3 | 38 | 426-1650 | 1.65 | 0.0650 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1180 | 1.18 | 0.0465 | 7.0 | 0.2756 | 3 | 38 | 426-1660 | 1.66 | 0.0654 | 10.0 | 0.3937 | 3 | 38 |

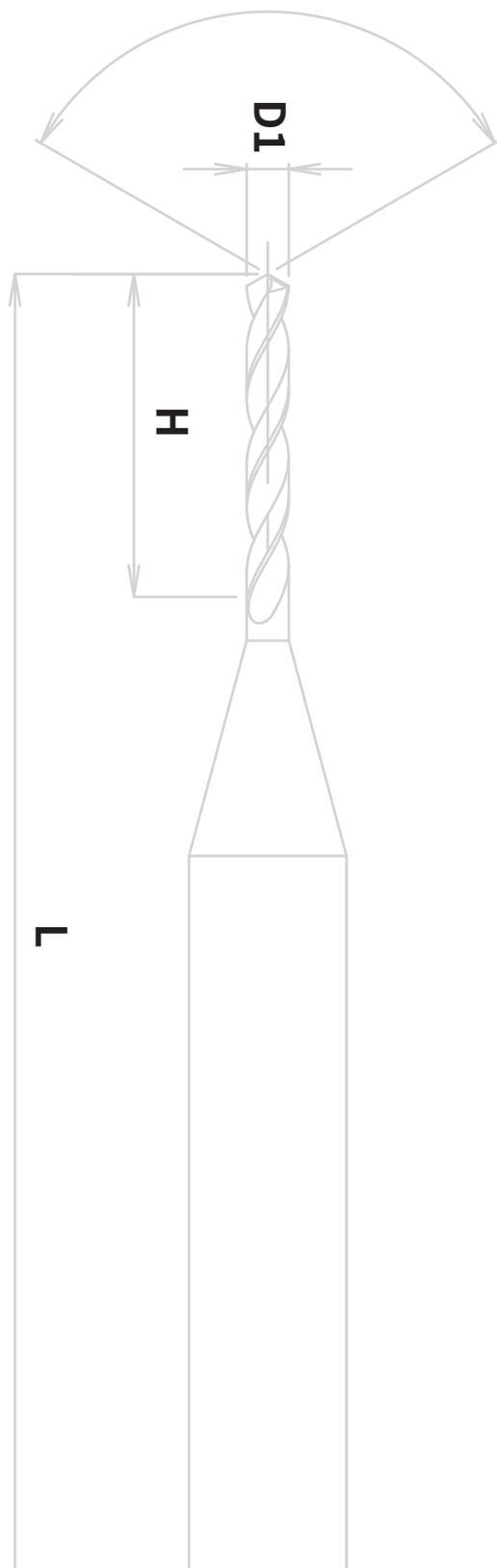
MSU426 High Performance Carbide Micro Drills

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 426-1670 | 1.67 | 0.0657 | 10.0 | 0.3937 | 3 | 38 |
| 426-1680 | 1.68 | 0.0661 | 10.0 | 0.3937 | 3 | 38 |
| 426-1690 | 1.69 | 0.0665 | 10.0 | 0.3937 | 3 | 38 |
| 426-1700 | 1.70 | 0.0669 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1710 | 1.71 | 0.0673 | 10.0 | 0.3937 | 3 | 38 |
| 426-1720 | 1.72 | 0.0677 | 10.0 | 0.3937 | 3 | 38 |
| 426-1730 | 1.73 | 0.0681 | 10.0 | 0.3937 | 3 | 38 |
| 426-1740 | 1.74 | 0.0685 | 10.0 | 0.3937 | 3 | 38 |
| 426-1750 | 1.75 | 0.0689 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1760 | 1.76 | 0.0693 | 10.0 | 0.3937 | 3 | 38 |
| 426-1770 | 1.77 | 0.0697 | 10.0 | 0.3937 | 3 | 38 |
| 426-1780 | 1.78 | 0.0701 | 10.0 | 0.3937 | 3 | 38 |
| 426-1790 | 1.79 | 0.0705 | 10.0 | 0.3937 | 3 | 38 |
| 426-1800 | 1.80 | 0.0709 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1810 | 1.81 | 0.0713 | 10.0 | 0.3937 | 3 | 38 |
| 426-1820 | 1.82 | 0.0717 | 10.0 | 0.3937 | 3 | 38 |
| 426-1830 | 1.83 | 0.0720 | 10.0 | 0.3937 | 3 | 38 |
| 426-1840 | 1.84 | 0.0724 | 10.0 | 0.3937 | 3 | 38 |
| 426-1850 | 1.85 | 0.0728 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1860 | 1.86 | 0.0732 | 10.0 | 0.3937 | 3 | 38 |
| 426-1870 | 1.87 | 0.0736 | 10.0 | 0.3937 | 3 | 38 |
| 426-1880 | 1.88 | 0.0740 | 10.0 | 0.3937 | 3 | 38 |
| 426-1890 | 1.89 | 0.0744 | 10.0 | 0.3937 | 3 | 38 |
| 426-1900 | 1.90 | 0.0748 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1910 | 1.91 | 0.0752 | 10.0 | 0.3937 | 3 | 38 |
| 426-1920 | 1.92 | 0.0756 | 10.0 | 0.3937 | 3 | 38 |
| 426-1930 | 1.93 | 0.0760 | 10.0 | 0.3937 | 3 | 38 |
| 426-1940 | 1.94 | 0.0764 | 10.0 | 0.3937 | 3 | 38 |
| 426-1950 | 1.95 | 0.0768 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-1960 | 1.96 | 0.0772 | 10.0 | 0.3937 | 3 | 38 |
| 426-1970 | 1.97 | 0.0776 | 10.0 | 0.3937 | 3 | 38 |
| 426-1980 | 1.98 | 0.0780 | 10.0 | 0.3937 | 3 | 38 |
| 426-1990 | 1.99 | 0.0783 | 10.0 | 0.3937 | 3 | 38 |
| 426-2000 | 2.00 | 0.0787 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426-2010 | 2.01 | 0.0791 | 12.0 | 0.4724 | 3 | 38 |
| 426-2020 | 2.02 | 0.0795 | 12.0 | 0.4724 | 3 | 38 |
| 426-2030 | 2.03 | 0.0799 | 12.0 | 0.4724 | 3 | 38 |
| 426-2040 | 2.04 | 0.0803 | 12.0 | 0.4724 | 3 | 38 |
| 426-2050 | 2.05 | 0.0807 | 12.0 | 0.4724 | 3 | 38 |
| 426-2060 | 2.06 | 0.0811 | 12.0 | 0.4724 | 3 | 38 |
| 426-2070 | 2.07 | 0.0815 | 12.0 | 0.4724 | 3 | 38 |
| 426-2080 | 2.08 | 0.0819 | 12.0 | 0.4724 | 3 | 38 |
| 426-2090 | 2.09 | 0.0823 | 12.0 | 0.4724 | 3 | 38 |
| 426-2100 | 2.10 | 0.0827 | 12.0 | 0.4724 | 3 | 38 |
| 426-2110 | 2.11 | 0.0831 | 12.0 | 0.4724 | 3 | 38 |
| 426-2120 | 2.12 | 0.0835 | 12.0 | 0.4724 | 3 | 38 |
| 426-2130 | 2.13 | 0.0839 | 12.0 | 0.4724 | 3 | 38 |
| 426-2140 | 2.14 | 0.0843 | 12.0 | 0.4724 | 3 | 38 |
| 426-2150 | 2.15 | 0.0846 | 12.0 | 0.4724 | 3 | 38 |
| 426-2160 | 2.16 | 0.0850 | 12.0 | 0.4724 | 3 | 38 |

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | |
| 426-2170 | 2.17 | 0.0854 | 12.0 | 0.4724 | 3 | 38 |
| 426-2180 | 2.18 | 0.0858 | 12.0 | 0.4724 | 3 | 38 |
| 426-2190 | 2.19 | 0.0862 | 12.0 | 0.4724 | 3 | 38 |
| 426-2200 | 2.20 | 0.0866 | 12.0 | 0.4724 | 3 | 38 |
| 426-2210 | 2.21 | 0.0870 | 12.0 | 0.4724 | 3 | 38 |
| 426-2220 | 2.22 | 0.0874 | 12.0 | 0.4724 | 3 | 38 |
| 426-2230 | 2.23 | 0.0878 | 12.0 | 0.4724 | 3 | 38 |
| 426-2240 | 2.24 | 0.0882 | 12.0 | 0.4724 | 3 | 38 |
| 426-2250 | 2.25 | 0.0886 | 12.0 | 0.4724 | 3 | 38 |
| 426-2260 | 2.26 | 0.0890 | 12.0 | 0.4724 | 3 | 38 |
| 426-2270 | 2.27 | 0.0894 | 12.0 | 0.4724 | 3 | 38 |
| 426-2280 | 2.28 | 0.0898 | 12.0 | 0.4724 | 3 | 38 |
| 426-2290 | 2.29 | 0.0902 | 12.0 | 0.4724 | 3 | 38 |
| 426-2300 | 2.30 | 0.0906 | 12.0 | 0.4724 | 3 | 38 |
| 426-2310 | 2.31 | 0.0909 | 12.0 | 0.4724 | 3 | 38 |
| 426-2320 | 2.32 | 0.0913 | 12.0 | 0.4724 | 3 | 38 |
| 426-2330 | 2.33 | 0.0917 | 12.0 | 0.4724 | 3 | 38 |
| 426-2340 | 2.34 | 0.0921 | 12.0 | 0.4724 | 3 | 38 |
| 426-2350 | 2.35 | 0.0925 | 12.0 | 0.4724 | 3 | 38 |
| 426-2360 | 2.36 | 0.0929 | 12.0 | 0.4724 | 3 | 38 |
| 426-2370 | 2.37 | 0.0933 | 12.0 | 0.4724 | 3 | 38 |
| 426-2380 | 2.38 | 0.0937 | 12.0 | 0.4724 | 3 | 38 |
| 426-2390 | 2.39 | 0.0941 | 12.0 | 0.4724 | 3 | 38 |
| 426-2400 | 2.40 | 0.0945 | 12.0 | 0.4724 | 3 | 38 |
| 426-2410 | 2.41 | 0.0949 | 12.0 | 0.4724 | 3 | 38 |
| 426-2420 | 2.42 | 0.0953 | 12.0 | 0.4724 | 3 | 38 |
| 426-2430 | 2.43 | 0.0957 | 12.0 | 0.4724 | 3 | 38 |
| 426-2440 | 2.44 | 0.0961 | 12.0 | 0.4724 | 3 | 38 |
| 426-2450 | 2.45 | 0.0965 | 12.0 | 0.4724 | 3 | 38 |
| 426-2460 | 2.46 | 0.0969 | 12.0 | 0.4724 | 3 | 38 |
| 426-2470 | 2.47 | 0.0972 | 12.0 | 0.4724 | 3 | 38 |
| 426-2480 | 2.48 | 0.0976 | 12.0 | 0.4724 | 3 | 38 |
| 426-2490 | 2.49 | 0.0980 | 12.0 | 0.4724 | 3 | 38 |
| 426-2500 | 2.50 | 0.0984 | 12.0 | 0.4724 | 3 | 38 |
| 426-2510 | 2.51 | 0.0988 | 12.0 | 0.4724 | 3 | 38 |
| 426-2520 | 2.52 | 0.0992 | 12.0 | 0.4724 | 3 | 38 |
| 426-2530 | 2.53 | 0.0996 | 12.0 | 0.4724 | 3 | 38 |
| 426-2540 | 2.54 | 0.1000 | 12.0 | 0.4724 | 3 | 38 |
| 426-2550 | 2.55 | 0.1004 | 12.0 | 0.4724 | 3 | 38 |
| 426-2560 | 2.56 | 0.1008 | 12.0 | 0.4724 | 3 | 38 |
| 426-2570 | 2.57 | 0.1012 | 12.0 | 0.4724 | 3 | 38 |
| 426-2580 | 2.58 | 0.1016 | 12.0 | 0.4724 | 3 | 38 |
| 426-2590 | 2.59 | 0.1020 | 12.0 | 0.4724 | 3 | 38 |
| 426-2600 | 2.60 | 0.1024 | 12.0 | 0.4724 | 3 | 38 |
| 426-2610 | 2.61 | 0.1028 | 12.0 | 0.4724 | 3 | 38 |
| 426-2620 | 2.62 | 0.1031 | 12.0 | 0.4724 | 3 | 38 |
| 426-2630 | 2.63 | 0.1035 | 12.0 | 0.4724 | 3 | 38 |
| 426-2640 | 2.64 | 0.1039 | 12.0 | 0.4724 | 3 | 38 |
| 426-2650 | 2.65 | 0.1043 | 12.0 | 0.4724 | 3 | 38 |
| 426-2660 | 2.66 | 0.1047 | 12.0 | 0.4724 | 3 | 38 |

MSU426 High Performance Carbide Micro Drills

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | mm | mm |
| 426-2670 | 2.67 | 0.1051 | 12.0 | 0.4724 | 3 | 38 |
| 426-2680 | 2.68 | 0.1055 | 12.0 | 0.4724 | 3 | 38 |
| 426-2690 | 2.69 | 0.1059 | 12.0 | 0.4724 | 3 | 38 |
| 426-2700 | 2.70 | 0.1063 | 12.0 | 0.4724 | 3 | 38 |
| 426-2710 | 2.71 | 0.1067 | 12.0 | 0.4724 | 3 | 38 |
| 426-2720 | 2.72 | 0.1071 | 12.0 | 0.4724 | 3 | 38 |
| 426-2730 | 2.73 | 0.1075 | 12.0 | 0.4724 | 3 | 38 |
| 426-2740 | 2.74 | 0.1079 | 12.0 | 0.4724 | 3 | 38 |
| 426-2750 | 2.75 | 0.1083 | 12.0 | 0.4724 | 3 | 38 |
| 426-2760 | 2.76 | 0.1087 | 12.0 | 0.4724 | 3 | 38 |
| 426-2770 | 2.77 | 0.1091 | 12.0 | 0.4724 | 3 | 38 |
| 426-2780 | 2.78 | 0.1094 | 12.0 | 0.4724 | 3 | 38 |
| 426-2785 | 2.785 | 0.1096 | 12.0 | 0.4724 | 3 | 38 |
| 426-2790 | 2.79 | 0.1098 | 12.0 | 0.4724 | 3 | 38 |
| 426-2800 | 2.80 | 0.1102 | 12.0 | 0.4724 | 3 | 38 |
| 426-2810 | 2.81 | 0.1106 | 12.0 | 0.4724 | 3 | 38 |
| 426-2820 | 2.82 | 0.1110 | 12.0 | 0.4724 | 3 | 38 |
| 426-2830 | 2.83 | 0.1114 | 12.0 | 0.4724 | 3 | 38 |
| 426-2840 | 2.84 | 0.1118 | 12.0 | 0.4724 | 3 | 38 |
| 426-2850 | 2.85 | 0.1122 | 12.0 | 0.4724 | 3 | 38 |
| 426-2860 | 2.86 | 0.1126 | 12.0 | 0.4724 | 3 | 38 |
| 426-2870 | 2.87 | 0.1130 | 12.0 | 0.4724 | 3 | 38 |
| 426-2880 | 2.88 | 0.1134 | 12.0 | 0.4724 | 3 | 38 |
| 426-2890 | 2.89 | 0.1138 | 12.0 | 0.4724 | 3 | 38 |
| 426-2900 | 2.90 | 0.1142 | 12.0 | 0.4724 | 3 | 38 |
| 426-2910 | 2.91 | 0.1146 | 12.0 | 0.4724 | 3 | 38 |
| 426-2920 | 2.92 | 0.1150 | 12.0 | 0.4724 | 3 | 38 |
| 426-2930 | 2.93 | 0.1154 | 12.0 | 0.4724 | 3 | 38 |
| 426-2940 | 2.94 | 0.1157 | 12.0 | 0.4724 | 3 | 38 |
| 426-2950 | 2.95 | 0.1161 | 12.0 | 0.4724 | 3 | 38 |
| 426-2960 | 2.96 | 0.1165 | 12.0 | 0.4724 | 3 | 38 |
| 426-2970 | 2.97 | 0.1169 | 12.0 | 0.4724 | 3 | 38 |
| 426-2980 | 2.98 | 0.1173 | 12.0 | 0.4724 | 3 | 38 |
| 426-2990 | 2.99 | 0.1177 | 12.0 | 0.4724 | 3 | 38 |
| 426-3000 | 3.00 | 0.1181 | 12.0 | 0.4724 | 3 | 38 |



MSU426L High Performance Carbide Micro Drills (extra long flute)

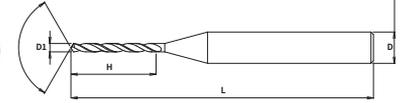


Diameter Range: $\Phi 0.04$ - $\Phi 3.0$ mm

Diameter Tolerance: 0-0.005mm

D1 \leq 1.0mm Drill Point Angle 118°

D1 > 1.0mm Drill Point Angle 35°



Workpiece (● Most Suitable ▲ Suitable)

| Cast Iron | Carbon steel S45C S55C | Alloy Steel SK·SCM SUS | Pre-hardened Steel | ~55HRC | Hardened Steel ~60HRC | ~70HRC | Stainless Steel | High-temperature alloy | Titanium |
|-----------|---------------------------|---------------------------|-----------------------|------------------------|--------------------------|--------|-----------------|---------------------------|----------|
| ● | ● | ● | ● | ▲ | | | ● | ● | ● |
| Copper | Aluminum | Fiberglass | Bakelite | Engineering Plastic | | | | | graphite |
| ▲ | ▲ | ● | ▲ | ▲ | | | | | ▲ |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 426L-0040 | 0.040 | 0.0016 | 0.6 | 0.0236 | 3 | 38 |
| 426L-0045 | 0.045 | 0.0018 | 0.7 | 0.0276 | 3 | 38 |
| 426L-0050 | 0.050 | 0.0020 | 0.9 | 0.0354 | 3 | 38 |
| 426L-0055 | 0.055 | 0.0022 | 0.9 | 0.0354 | 3 | 38 |
| 426L-0060 | 0.060 | 0.0024 | 0.9 | 0.0354 | 3 | 38 |
| 426L-0065 | 0.065 | 0.0026 | 0.9 | 0.0354 | 3 | 38 |
| 426L-0070 | 0.070 | 0.0028 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0075 | 0.075 | 0.0030 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0080 | 0.080 | 0.0031 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0085 | 0.085 | 0.0033 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0090 | 0.090 | 0.0035 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0095 | 0.095 | 0.0037 | 1.2 | 0.0472 | 3 | 38 |
| 426L-0100 | 0.10 | 0.0039 | 2.0 | 0.0787 | 3 | 38 |
| 426L-0110 | 0.11 | 0.0043 | 2.0 | 0.0787 | 3 | 38 |
| 426L-0120 | 0.12 | 0.0047 | 2.0 | 0.0787 | 3 | 38 |
| 426L-0130 | 0.13 | 0.0051 | 3.0 | 0.1181 | 3 | 38 |
| 426L-0140 | 0.14 | 0.0055 | 3.0 | 0.1181 | 3 | 38 |
| 426L-0150 | 0.15 | 0.0059 | 3.0 | 0.1181 | 3 | 38 |
| 426L-0160 | 0.16 | 0.0063 | 4.0 | 0.1575 | 3 | 38 |
| 426L-0170 | 0.17 | 0.0067 | 4.0 | 0.1575 | 3 | 38 |
| 426L-0180 | 0.18 | 0.0071 | 4.0 | 0.1575 | 3 | 38 |
| 426L-0190 | 0.19 | 0.0075 | 4.0 | 0.1575 | 3 | 38 |
| 426L-0200 | 0.20 | 0.0079 | 4.0 | 0.1575 | 3 | 38 |
| 426L-0210 | 0.21 | 0.0083 | 5.0 | 0.1969 | 3 | 38 |
| 426L-0220 | 0.22 | 0.0087 | 5.0 | 0.1969 | 3 | 38 |
| 426L-0230 | 0.23 | 0.0091 | 5.0 | 0.1969 | 3 | 38 |
| 426L-0240 | 0.24 | 0.0094 | 5.0 | 0.1969 | 3 | 38 |
| 426L-0250 | 0.25 | 0.0098 | 5.0 | 0.1969 | 3 | 38 |
| 426L-0260 | 0.26 | 0.0102 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0270 | 0.27 | 0.0106 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0280 | 0.28 | 0.0110 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0290 | 0.29 | 0.0114 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0300 | 0.30 | 0.0118 | 6.0 | 0.2362 | 3 | 38 |
| | | | 8.0 | 0.3150 | | |
| | | | 12.0 | 0.4724 | | |
| 426L-0310 | 0.31 | 0.0122 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0320 | 0.32 | 0.0126 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0330 | 0.33 | 0.0130 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0340 | 0.34 | 0.0134 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0350 | 0.35 | 0.0138 | 6.0/12.0 | 0.2362/0.4724 | 3 | 38 |

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 426L-0360 | 0.36 | 0.0142 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0370 | 0.37 | 0.0146 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0380 | 0.38 | 0.0150 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0390 | 0.39 | 0.0154 | 6.0 | 0.2362 | 3 | 38 |
| 426L-0400 | 0.40 | 0.0157 | 6.0/12.0 | 0.2362/0.4724 | 3 | 38 |
| 426L-0410 | 0.41 | 0.0161 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0420 | 0.42 | 0.0165 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0430 | 0.43 | 0.0169 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0440 | 0.44 | 0.0173 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0450 | 0.45 | 0.0177 | 7.0/12.0 | 0.2756/0.4724 | 3 | 38 |
| 426L-0460 | 0.46 | 0.0181 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0470 | 0.47 | 0.0185 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0480 | 0.48 | 0.0189 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0490 | 0.49 | 0.0193 | 7.0 | 0.2756 | 3 | 38 |
| 426L-0500 | 0.50 | 0.0197 | 7.0 | 0.2756 | 3 | 38 |
| | | | 9.0 | 0.3543 | | |
| | | | 12.0 | 0.4724 | | |
| 426L-0510 | 0.51 | 0.0201 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0520 | 0.52 | 0.0205 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0530 | 0.53 | 0.0209 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0540 | 0.54 | 0.0213 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0550 | 0.55 | 0.0217 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 426L-0560 | 0.56 | 0.0220 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0570 | 0.57 | 0.0224 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0580 | 0.58 | 0.0228 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0590 | 0.59 | 0.0232 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0600 | 0.60 | 0.0236 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 426L-0610 | 0.61 | 0.0240 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0620 | 0.62 | 0.0244 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0630 | 0.63 | 0.0248 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0640 | 0.64 | 0.0252 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0650 | 0.65 | 0.0256 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 426L-0660 | 0.66 | 0.0260 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0670 | 0.67 | 0.0264 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0680 | 0.68 | 0.0268 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0690 | 0.69 | 0.0272 | 9.0 | 0.3543 | 3 | 38 |
| 426L-0700 | 0.70 | 0.0276 | 9.0/12.0 | 0.3543/0.4724 | 3 | 38 |
| 426L-0710 | 0.71 | 0.0280 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0720 | 0.72 | 0.0283 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0730 | 0.73 | 0.0287 | 10.0 | 0.3937 | 3 | 38 |

MSU426L High Performance Carbide Micro Drills (extra long flute)

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 426L-0740 | 0.74 | 0.0291 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0750 | 0.75 | 0.0295 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426L-0760 | 0.76 | 0.0299 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0770 | 0.77 | 0.0303 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0780 | 0.78 | 0.0307 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0790 | 0.79 | 0.0311 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0800 | 0.80 | 0.0315 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426L-0810 | 0.81 | 0.0319 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0820 | 0.82 | 0.0323 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0830 | 0.83 | 0.0327 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0840 | 0.84 | 0.0331 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0850 | 0.85 | 0.0335 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426L-0860 | 0.86 | 0.0339 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0870 | 0.87 | 0.0343 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0880 | 0.88 | 0.0346 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0890 | 0.89 | 0.0350 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0900 | 0.90 | 0.0354 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426L-0910 | 0.91 | 0.0358 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0920 | 0.92 | 0.0362 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0930 | 0.93 | 0.0366 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0940 | 0.94 | 0.0370 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0950 | 0.95 | 0.0374 | 10.0/12.0 | 0.3937/0.4724 | 3 | 38 |
| 426L-0960 | 0.96 | 0.0378 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0970 | 0.97 | 0.0382 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0980 | 0.98 | 0.0386 | 10.0 | 0.3937 | 3 | 38 |
| 426L-0990 | 0.99 | 0.0390 | 10.0 | 0.3937 | 3 | 38 |
| 426L-1000 | 1.00 | 0.0394 | 12.0/15.0 | 0.4724/0.5906 | 3 | 38 |
| 426L-1010 | 1.01 | 0.0398 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1020 | 1.02 | 0.0402 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1030 | 1.03 | 0.0406 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1040 | 1.04 | 0.0409 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1050 | 1.05 | 0.0413 | 12.0/15.0 | 0.4724/0.5906 | 3 | 38 |
| 426L-1060 | 1.06 | 0.0417 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1070 | 1.07 | 0.0421 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1080 | 1.08 | 0.0425 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1090 | 1.09 | 0.0429 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1100 | 1.10 | 0.0433 | 12.0/15.0 | 0.4724/0.5906 | 3 | 38 |
| 426L-1110 | 1.11 | 0.0437 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1120 | 1.12 | 0.0441 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1130 | 1.13 | 0.0445 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1140 | 1.14 | 0.0449 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1150 | 1.15 | 0.0453 | 12.0/15.0 | 0.4724/0.5906 | 3 | 38 |
| 426L-1160 | 1.16 | 0.0457 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1170 | 1.17 | 0.0461 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1180 | 1.18 | 0.0465 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1190 | 1.19 | 0.0469 | 12.0 | 0.4724 | 3 | 38 |
| 426L-1200 | 1.20 | 0.0472 | 12.0/15.0 | 0.4724/0.5906 | 3 | 38 |
| 426L-1210 | 1.21 | 0.0476 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1220 | 1.22 | 0.0480 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1230 | 1.23 | 0.0484 | 15.0 | 0.5906 | 3 | 50 |

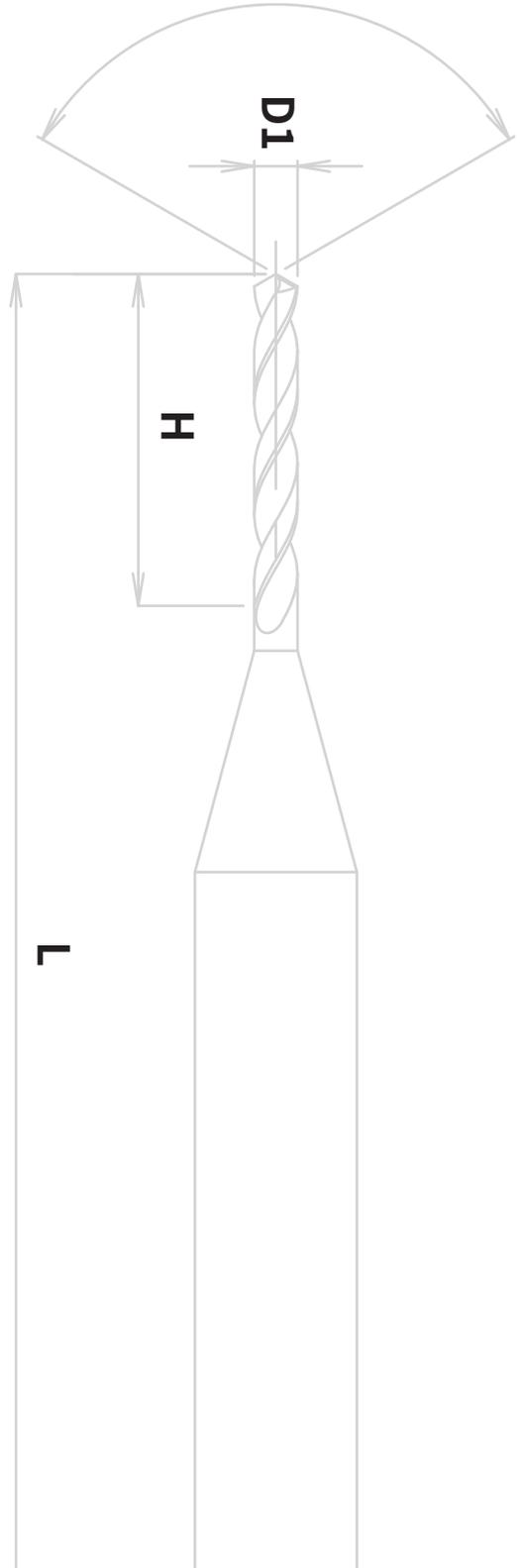
| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|
| | mm | inch | mm | inch | | |
| 426L-1240 | 1.24 | 0.0488 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1250 | 1.25 | 0.0492 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1260 | 1.26 | 0.0496 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1270 | 1.27 | 0.0500 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1280 | 1.28 | 0.0504 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1290 | 1.29 | 0.0508 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1300 | 1.30 | 0.0512 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1310 | 1.31 | 0.0516 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1320 | 1.32 | 0.0520 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1330 | 1.33 | 0.0524 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1340 | 1.34 | 0.0528 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1350 | 1.35 | 0.0531 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1360 | 1.36 | 0.0535 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1370 | 1.37 | 0.0539 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1380 | 1.38 | 0.0543 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1390 | 1.39 | 0.0547 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1400 | 1.40 | 0.0551 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1410 | 1.41 | 0.0555 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1420 | 1.42 | 0.0559 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1430 | 1.43 | 0.0563 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1440 | 1.44 | 0.0567 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1450 | 1.45 | 0.0571 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1460 | 1.46 | 0.0575 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1470 | 1.47 | 0.0579 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1480 | 1.48 | 0.0583 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1490 | 1.49 | 0.0587 | 15.0 | 0.5906 | 3 | 50 |
| 426L-1500 | 1.50 | 0.0591 | 15.0/20.0 | 0.5906/0.7874 | 3 | 50 |
| 426L-1510 | 1.51 | 0.0594 | 20.0 | 0.7874 | 3 | 50 |
| 426L-1520 | 1.52 | 0.0598 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1530 | 1.53 | 0.0602 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1540 | 1.54 | 0.0606 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1550 | 1.55 | 0.0610 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1560 | 1.56 | 0.0614 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1570 | 1.57 | 0.0618 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1580 | 1.58 | 0.0622 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1590 | 1.59 | 0.0626 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1600 | 1.60 | 0.0630 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1610 | 1.61 | 0.0634 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1620 | 1.62 | 0.0638 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1630 | 1.63 | 0.0642 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1640 | 1.64 | 0.0646 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1650 | 1.65 | 0.0650 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1660 | 1.66 | 0.0654 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1670 | 1.67 | 0.0657 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1680 | 1.68 | 0.0661 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1690 | 1.69 | 0.0665 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1700 | 1.70 | 0.0669 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1710 | 1.71 | 0.0673 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1720 | 1.72 | 0.0677 | 20.0 | 0.7874 | 3 | 60 |
| 426L-1730 | 1.73 | 0.0681 | 20.0 | 0.7874 | 3 | 60 |

MSU426L High Performance Carbide Micro Drills (extra long flute)

| 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L | 商品号 EDP NO. | 直径 D1 | | 刃长H | | 柄径 D | 全长 L |
|----------------|-------|--------|-----------|---------------|------|------|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | | | | mm | mm | mm | inch | | |
| 426L-1740 | 1.74 | 0.0685 | 20.0 | 0.7874 | 3 | 60 | 426L-2240 | 2.24 | 0.0882 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1750 | 1.75 | 0.0689 | 20.0 | 0.7874 | 3 | 60 | 426L-2250 | 2.25 | 0.0886 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1760 | 1.76 | 0.0693 | 20.0 | 0.7874 | 3 | 60 | 426L-2260 | 2.26 | 0.0890 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1770 | 1.77 | 0.0697 | 20.0 | 0.7874 | 3 | 60 | 426L-2270 | 2.27 | 0.0894 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1780 | 1.78 | 0.0701 | 20.0 | 0.7874 | 3 | 60 | 426L-2280 | 2.28 | 0.0898 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1790 | 1.79 | 0.0705 | 20.0 | 0.7874 | 3 | 60 | 426L-2290 | 2.29 | 0.0902 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1800 | 1.80 | 0.0709 | 20.0 | 0.7874 | 3 | 60 | 426L-2300 | 2.30 | 0.0906 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1810 | 1.81 | 0.0713 | 20.0 | 0.7874 | 3 | 60 | 426L-2310 | 2.31 | 0.0909 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1820 | 1.82 | 0.0717 | 20.0 | 0.7874 | 3 | 60 | 426L-2320 | 2.32 | 0.0913 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1830 | 1.83 | 0.0720 | 20.0 | 0.7874 | 3 | 60 | 426L-2330 | 2.33 | 0.0917 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1840 | 1.84 | 0.0724 | 20.0 | 0.7874 | 3 | 60 | 426L-2340 | 2.34 | 0.0921 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1850 | 1.85 | 0.0728 | 20.0 | 0.7874 | 3 | 60 | 426L-2350 | 2.35 | 0.0925 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1860 | 1.86 | 0.0732 | 20.0 | 0.7874 | 3 | 60 | 426L-2360 | 2.36 | 0.0929 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1870 | 1.87 | 0.0736 | 20.0 | 0.7874 | 3 | 60 | 426L-2370 | 2.37 | 0.0933 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1880 | 1.88 | 0.0740 | 20.0 | 0.7874 | 3 | 60 | 426L-2380 | 2.38 | 0.0937 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1890 | 1.89 | 0.0744 | 20.0 | 0.7874 | 3 | 60 | 426L-2390 | 2.39 | 0.0941 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1900 | 1.90 | 0.0748 | 20.0 | 0.7874 | 3 | 60 | 426L-2400 | 2.40 | 0.0945 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1910 | 1.91 | 0.0752 | 20.0 | 0.7874 | 3 | 60 | 426L-2410 | 2.41 | 0.0949 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1920 | 1.92 | 0.0756 | 20.0 | 0.7874 | 3 | 60 | 426L-2420 | 2.42 | 0.0953 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1930 | 1.93 | 0.0760 | 20.0 | 0.7874 | 3 | 60 | 426L-2430 | 2.43 | 0.0957 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1940 | 1.94 | 0.0764 | 20.0 | 0.7874 | 3 | 60 | 426L-2440 | 2.44 | 0.0961 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1950 | 1.95 | 0.0768 | 20.0 | 0.7874 | 3 | 60 | 426L-2450 | 2.45 | 0.0965 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1960 | 1.96 | 0.0772 | 20.0 | 0.7874 | 3 | 60 | 426L-2460 | 2.46 | 0.0969 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1970 | 1.97 | 0.0776 | 20.0 | 0.7874 | 3 | 60 | 426L-2470 | 2.47 | 0.0972 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1980 | 1.98 | 0.0780 | 20.0 | 0.7874 | 3 | 60 | 426L-2480 | 2.48 | 0.0976 | 25.0 | 0.9843 | 3 | 60 |
| 426L-1990 | 1.99 | 0.0783 | 20.0 | 0.7874 | 3 | 60 | 426L-2490 | 2.49 | 0.0980 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2000 | 2.00 | 0.0787 | 20.0/25.0 | 0.7874/0.9843 | 3 | 60 | 426L-2500 | 2.50 | 0.0984 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2010 | 2.01 | 0.0791 | 25.0 | 0.9843 | 3 | 60 | 426L-2510 | 2.51 | 0.0988 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2020 | 2.02 | 0.0795 | 25.0 | 0.9843 | 3 | 60 | 426L-2520 | 2.52 | 0.0992 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2030 | 2.03 | 0.0799 | 25.0 | 0.9843 | 3 | 60 | 426L-2530 | 2.53 | 0.0996 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2040 | 2.04 | 0.0803 | 25.0 | 0.9843 | 3 | 60 | 426L-2540 | 2.54 | 0.1000 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2050 | 2.05 | 0.0807 | 25.0 | 0.9843 | 3 | 60 | 426L-2550 | 2.55 | 0.1004 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2060 | 2.06 | 0.0811 | 25.0 | 0.9843 | 3 | 60 | 426L-2560 | 2.56 | 0.1008 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2070 | 2.07 | 0.0815 | 25.0 | 0.9843 | 3 | 60 | 426L-2570 | 2.57 | 0.1012 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2080 | 2.08 | 0.0819 | 25.0 | 0.9843 | 3 | 60 | 426L-2580 | 2.58 | 0.1016 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2090 | 2.09 | 0.0823 | 25.0 | 0.9843 | 3 | 60 | 426L-2590 | 2.59 | 0.1020 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2100 | 2.10 | 0.0827 | 25.0 | 0.9843 | 3 | 60 | 426L-2600 | 2.60 | 0.1024 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2110 | 2.11 | 0.0831 | 25.0 | 0.9843 | 3 | 60 | 426L-2610 | 2.61 | 0.1028 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2120 | 2.12 | 0.0835 | 25.0 | 0.9843 | 3 | 60 | 426L-2620 | 2.62 | 0.1031 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2130 | 2.13 | 0.0839 | 25.0 | 0.9843 | 3 | 60 | 426L-2630 | 2.63 | 0.1035 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2140 | 2.14 | 0.0843 | 25.0 | 0.9843 | 3 | 60 | 426L-2640 | 2.64 | 0.1039 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2150 | 2.15 | 0.0846 | 25.0 | 0.9843 | 3 | 60 | 426L-2650 | 2.65 | 0.1043 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2160 | 2.16 | 0.0850 | 25.0 | 0.9843 | 3 | 60 | 426L-2660 | 2.66 | 0.1047 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2170 | 2.17 | 0.0854 | 25.0 | 0.9843 | 3 | 60 | 426L-2670 | 2.67 | 0.1051 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2180 | 2.18 | 0.0858 | 25.0 | 0.9843 | 3 | 60 | 426L-2680 | 2.68 | 0.1055 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2190 | 2.19 | 0.0862 | 25.0 | 0.9843 | 3 | 60 | 426L-2690 | 2.69 | 0.1059 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2200 | 2.20 | 0.0866 | 25.0 | 0.9843 | 3 | 60 | 426L-2700 | 2.70 | 0.1063 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2210 | 2.21 | 0.0870 | 25.0 | 0.9843 | 3 | 60 | 426L-2710 | 2.71 | 0.1067 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2220 | 2.22 | 0.0874 | 25.0 | 0.9843 | 3 | 60 | 426L-2720 | 2.72 | 0.1071 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2230 | 2.23 | 0.0878 | 25.0 | 0.9843 | 3 | 60 | 426L-2730 | 2.73 | 0.1075 | 25.0 | 0.9843 | 3 | 60 |

MSU426L High Performance Carbide Micro Drills (extra long flute)

| 商品号 EDP NO. | 直径 D1 | | 刃长 H | | 柄径 D | 全长 L |
|----------------|-------|--------|------|--------|------|------|
| | mm | inch | mm | inch | mm | mm |
| 426L-2740 | 2.74 | 0.1079 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2750 | 2.75 | 0.1083 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2760 | 2.76 | 0.1087 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2770 | 2.77 | 0.1091 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2780 | 2.78 | 0.1094 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2790 | 2.79 | 0.1098 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2800 | 2.80 | 0.1102 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2810 | 2.81 | 0.1106 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2820 | 2.82 | 0.1110 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2830 | 2.83 | 0.1114 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2840 | 2.84 | 0.1118 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2850 | 2.85 | 0.1122 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2860 | 2.86 | 0.1126 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2870 | 2.87 | 0.1130 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2880 | 2.88 | 0.1134 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2890 | 2.89 | 0.1138 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2900 | 2.90 | 0.1142 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2910 | 2.91 | 0.1146 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2920 | 2.92 | 0.1150 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2930 | 2.93 | 0.1154 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2940 | 2.94 | 0.1157 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2950 | 2.95 | 0.1161 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2960 | 2.96 | 0.1165 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2970 | 2.97 | 0.1169 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2980 | 2.98 | 0.1173 | 25.0 | 0.9843 | 3 | 60 |
| 426L-2990 | 2.99 | 0.1177 | 25.0 | 0.9843 | 3 | 60 |
| 426L-3000 | 3.00 | 0.1181 | 25.0 | 0.9843 | 3 | 60 |



Machining parameter

| 被加工材料 Work Materials | 非铁合金 Non-Ferrous | | | 不锈钢 Stainless steel | | | 工具钢 steel | | | | | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|--------------------------|-------------------------|---------------------------|--|-------------------------|---------------------------|---|-------------------------|---------------------------|---|-------------------------|---------------------------|
| | 铝合金 Aluminum Alloys 5052 | | | SUS304/316 Austenitic | | | 炭素钢 结构钢 灰口铸铁 Carbon Steel SS Cast Iron S50C SS40 FC250 | | | 合金钢 Alloy Steel Hardened Steel SCM SKD (HRC20-30) | | | 模具钢 预硬钢 Mold Steel Pri-Hardened Steel NAK HPM (HRC 30-40) | | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) |
| 0.03 | 20000 | 2 | 0.0005 | 20000 | 2 | 0.0005 | | | | | | | | | |
| 0.05 | 20000 | 2 | 0.001 | 20000 | 2 | 0.001 | | | | | | | | | |
| 0.1 | 25000 | 50 | 0.05 | 15000 | 30 | 0.005 | 25000 | 50 | 0.02 | 20000 | 40 | 0.02 | 17000 | 35 | 0.02 |
| 0.15 | 25000 | 50 | 0.05 | 15000 | 30 | 0.005 | 25000 | 50 | 0.02 | 20000 | 40 | 0.02 | 17000 | 35 | 0.02 |
| 0.2 | 25000 | 100 | 0.1 | 15000 | 45 | 0.01 | 25000 | 75 | 0.04 | 20000 | 60 | 0.04 | 17000 | 50 | 0.04 |
| 0.25 | 25000 | 100 | 0.2 | 15000 | 45 | 0.01 | 25,000 | 75 | 0.04 | 20000 | 60 | 0.04 | 17000 | 50 | 0.04 |
| 0.3 | 22000 | 400 | 0.3 | 11000 | 45 | 0.02 | 20000 | 120 | 0.05 | 15000 | 60 | 0.05 | 13000 | 50 | 0.05 |
| 0.35 | 22000 | 400 | 0.3 | 11000 | 45 | 0.02 | 20000 | 120 | 0.05 | 15000 | 60 | 0.05 | 13000 | 50 | 0.05 |
| 0.4 | 22000 | 700 | 0.4 | 8500 | 45 | 0.04 | 20000 | 160 | 0.06 | 15000 | 75 | 0.06 | 13000 | 65 | 0.06 |
| 0.45 | 22000 | 700 | 0.4 | 8500 | 45 | 0.07 | 20000 | 160 | 0.06 | 15000 | 75 | 0.06 | 13000 | 65 | 0.06 |
| 0.5 | 20000 | 1000 | 0.5 | 7000 | 55 | 0.1 | 18000 | 180 | 0.1 | 13000 | 100 | 0.1 | 10000 | 80 | 0.1 |
| 0.55 | 20000 | 1000 | 0.5 | 7000 | 55 | 0.1 | 18000 | 180 | 0.1 | 13000 | 100 | 0.1 | 10000 | 80 | 0.1 |
| 0.6 | 20000 | 1000 | 0.6 | 7000 | 55 | 0.12 | 18000 | 360 | 0.15 | 13000 | 100 | 0.15 | 10000 | 80 | 0.15 |
| 0.65 | 20000 | 1000 | 0.6 | 7000 | 55 | 0.12 | 18000 | 360 | 0.15 | 13000 | 100 | 0.15 | 10000 | 80 | 0.15 |
| 0.7 | 18000 | 1100 | 0.7 | 6000 | 60 | 0.14 | 16000 | 480 | 0.2 | 11000 | 110 | 0.2 | 8000 | 80 | 0.2 |
| 0.75 | 18000 | 1100 | 0.7 | 6000 | 60 | 0.14 | 16000 | 480 | 0.2 | 11000 | 110 | 0.2 | 8000 | 80 | 0.2 |
| 0.8 | 18000 | 1100 | 0.8 | 6000 | 120 | 0.16 | 16000 | 640 | 0.3 | 11000 | 220 | 0.3 | 8000 | 160 | 0.3 |
| 0.85 | 18000 | 1100 | 0.8 | 6000 | 120 | 0.16 | 16000 | 640 | 0.3 | 11000 | 220 | 0.3 | 8000 | 160 | 0.3 |
| 0.9 | 16000 | 1200 | 0.8 | 5000 | 150 | 0.18 | 15000 | 750 | 0.4 | 9000 | 270 | 0.4 | 7000 | 210 | 0.4 |
| 0.95 | 16000 | 1200 | 0.8 | 5000 | 150 | 0.18 | 15000 | 750 | 0.4 | 9000 | 270 | 0.4 | 7000 | 210 | 0.4 |
| 1 | 16000 | 1200 | 1 | 5000 | 150 | 0.2 | 15000 | 750 | 0.5 | 9000 | 270 | 0.5 | 7000 | 210 | 0.5 |

Machining parameter

| 被加工材料 Work Materials | 非铁合金 Non-Ferrous | | | 不锈钢 Stainless steel | | | 工具钢 steel | | | | | | | | |
|-------------------------|-----------------------------|-------------------------|---------------------------|--------------------------|-------------------------|---------------------------|--|-------------------------|---------------------------|---|-------------------------|---------------------------|---|-------------------------|---------------------------|
| | 铝合金 Aluminum Alloys 5052 | | | SUS304/316 Austenitic | | | 炭素钢 结构钢 灰口铸铁 Carbon Steel SS Cast Iron S50C SS40 FC250 | | | 合金钢 Alloy Steel Hardened Steel SCM SKD (HRC20-30) | | | 模具钢 预硬钢 Mold Steel Pri-Hardened Steel NAK HPM (HRC 30-40) | | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) | S转速 Rotation (min) | F进给 Feed (mm/min) | Q分级量 Step Feed (MM) |
| 0.1 | 25000 | 25 | 0.01 | 10000 | 10 | 0.003 | 20000 | 20 | 0.01 | 16000 | 16 | 0.01 | 14000 | 10 | 0.01 |
| 0.2 | 25000 | 50 | 0.02 | 10000 | 20 | 0.005 | 20000 | 40 | 0.02 | 16000 | 32 | 0.02 | 14000 | 25 | 0.02 |
| 0.3 | 22000 | 110 | 0.02 | 8000 | 20 | 0.01 | 16000 | 48 | 0.02 | 12000 | 35 | 0.02 | 10000 | 30 | 0.02 |
| 0.4 | 22000 | 440 | 0.03 | 8500 | 25 | 0.02 | 16000 | 64 | 0.03 | 12000 | 40 | 0.03 | 10000 | 30 | 0.03 |
| 0.5 | 20000 | 500 | 0.05 | 5000 | 25 | 0.05 | 14000 | 70 | 0.05 | 10000 | 40 | 0.05 | 8000 | 35 | 0.05 |
| 0.6 | 20000 | 1000 | 0.07 | 5000 | 25 | 0.06 | 14000 | 140 | 0.07 | 10000 | 40 | 0.07 | 8000 | 35 | 0.07 |
| 0.7 | 18000 | 540 | 0.1 | 4000 | 20 | 0.07 | 12000 | 180 | 0.1 | 8000 | 40 | 0.1 | 6000 | 30 | 0.1 |
| 0.8 | 18000 | 540 | 0.08 | 4000 | 40 | 0.08 | 12000 | 240 | 0.15 | 8000 | 80 | 0.15 | 6000 | 60 | 0.15 |
| 0.9 | 16000 | 560 | 0.09 | 3000 | 45 | 0.09 | 10000 | 250 | 0.2 | 6000 | 90 | 0.2 | 5000 | 75 | 0.2 |
| 1 | 16000 | 560 | 0.1 | 3000 | 45 | 0.1 | 10000 | 250 | 0.2 | 6000 | 90 | 0.2 | 5000 | 75 | 0.2 |

Machining parameter

| 被加工材料 Work Materials | 非铁合金 Non-Ferrous | | | | | |
|-------------------------|--------------------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| | 铝合金 Aluminum Alloys 6061, 7075 | | 铜合金 Copper Alloys | | Resin 工程塑料 | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 0.03-0.09 | 10,000-30,000 | 10-90 | 10,000-20,000 | 10-100 | 10,000-20,000 | 10-60 |
| 0.10-0.29 | 22,200-16,500 | 110-330 | 16,000-11,000 | 32-88 | 20,000-15,000 | 100-150 |
| 0.30-0.49 | 16,500-13,000 | 330-520 | 11,000-11,500 | 88-170 | 15,000 | 150-300 |
| 0.50-0.99 | 13,000-12,700 | 520-760 | 11,500-9,600 | 170-380 | 15,000-10,000 | 300-400 |
| 1.00-1.99 | 12,700-6,400 | 760-770 | 9,600-4,800 | 380- | 10,000-6,000 | 500-420 |
| 2.00-3.00 | 6,400-5,300 | 770-1060 | 4,800-4,200 | 380-630 | 6,000-5,000 | 420-500 |

Machining parameter

| 被加工材料 Work Materials | 工具钢 Steel | | | | | |
|-------------------------|-----------------------------|-------------------------|----------------------------|-------------------------|--|-------------------------|
| | 炭素钢 Carbon Steel SS S50C | | 合金钢 Alloy Steel SCM SKS | | 调质钢 Hardened Steel NAK SKD(HRC 30-38) | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 0.03-0.09 | 10,000-20,000 | 10-30 | 10,000-20,000 | 10-30 | 10,000-20,000 | 10-20 |
| 0.10-0.29 | 25,000-20,000 | 50-200 | 20,000-15,000 | 30-105 | 17,000-13,000 | 17-50 |
| 0.30-0.49 | 20,000-18,000 | 200-360 | 15000 | 105-150 | 13,000-10,000 | 40-50 |
| 0.50-0.99 | 18,000-15,000 | 360-600 | 15,000-9,500 | 150-190 | 10,000-7,000 | 50-70 |
| 1.00-1.99 | 15,000-9,500 | 450-570 | 9,500-6,000 | 190-300 | 7,000-4,000 | 70-120 |
| 2.00-3.00 | 9,500-6,300 | 660-630 | 6,000-4,800 | 300-380 | 4,000-3,000 | 80-20 |

| 被加工材料 Work Materials | 不锈钢 Stainless steel | | | | | | | |
|-------------------------|--------------------------|-------------------------|--|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| | SUS304/316 Austenitic | | SUS420/430/440 Martensitic&Ferritic | | SUS 630 precipitation | | 沉淀硬化不锈钢 17-4PH | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 0.03-0.09 | 10,000-15,000 | 10-22 | 10,000-20,000 | 10-40 | 12,000-7,000 | 3-5 | 12,000-7,000 | 3-5 |
| 0.10-0.29 | 15,000-7,500 | 7-10 | 20000-13000 | 10-13 | 7000-6400 | 5-8 | 7000-6400 | 5-8 |
| 0.30-0.49 | 10,000-8,000 | 20-80 | 13000-9,600 | 25-95 | 6400-5700 | 6.5-20 | 6400-5700 | 6.5-20 |
| 0.50-0.99 | 8,000-6,000 | 80-120 | 9,600-7000 | 140-150 | 5700-5000 | 20-50 | 5100-4800 | 20-50 |
| 1.00-1.99 | 6,000-4,000 | 120-160 | 7000-4,000 | 140-160 | 5000-2400 | 50-70 | 4800-2400 | 50-70 |
| 2.00-3.00 | 4,000-3,700 | 120-180 | 4,000-3,000" | 120-150 | 2400-2000 | 70-80 | 2400-2000 | 70-80 |

| 被加工材料 Work Materials | Difficult Machining Material | | | | | | Casting Alloy | | | |
|-------------------------|------------------------------|-------------------------|---------------------------|-------------------------|------------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| | 高温合金 Incone/Hasteroy | | 可伐合金Kovar (FE-NI-CO合金) | | 钛合金 Titan Alloy Ti-6AL-4V | | 铸铝 Aluminum Casting | | 铸铁 Cast Iron | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 0.03-0.09 | 9000-4300 | 3-5 | 13000-9500 | 3-5 | 12000-7400 | 3-5 | 12000-7400 | 3-5 | | |
| 0.10-0.29 | 4300-3900 | 2-4 | 9500-8500 | 5-13 | 7400-6600 | 4-7 | 3,200-7,700 | 3-12 | | |
| 0.30-0.49 | 3900-4900 | 4-15 | 8500-7600 | 13-30 | 6600-5900 | 7-17 | 7,400-9,700 | 11-30 | 14,000-12,500 | 168-310 |
| 0.50-0.99 | 4900-3000 | 15-30 | 7600-7000 | 30-70 | 5000-5200 | 50-60 | 9,500-19,100 | 30-95 | 12,000 | 144-600 |
| 1.00-1.99 | 3000-1500 | 30-5 | 7000-3200 | 70-160 | 5000-2500 | 60-75 | 19000-24000 | 95-125 | 11,000-8,000 | 770-1600 |
| 2.00-3.00 | 1500-1200 | 45-50 | 3200-2700 | 160-190 | 2500-2000 | 75-80 | 25000-28000 | 125-160 | 7,600-5,500 | 530-1100 |

Machining parameter

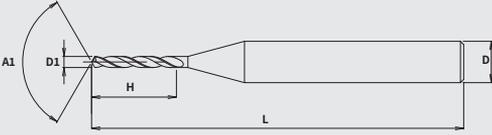
| 被加工材料 Work Materials | 非铁金属 non-ferrous metals | | | | | | | |
|-------------------------|------------------------------|-------------------------|------------------------------|-------------------------|------------------------------------|-------------------------|---------------------------|-------------------------|
| | 铝合金 Aluminum Alloys A7075 | | 铝合金 Aluminum Alloys A5052 | | 铝合金 Aluminum Alloys A4032 A6061 | | 铜合金 Copper Alloy C1100 | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 2 | 19000 | 220 | 16000 | 210 | 12500 | 165 | 9500 | 140 |
| 3 | 12,700 | 190 | 10,600 | 210 | 8,500 | 165 | 6,400 | 140 |
| 5 | 7,600 | 240 | 6,350 | 210 | 5,100 | 165 | 3,800 | 140 |
| 8 | 4,780 | 240 | 4,000 | 210 | 3,200 | 165 | 2,400 | 140 |
| 10 | 3,800 | 240 | 3,200 | 210 | 2,550 | 165 | 1,900 | 140 |
| 12 | 3,180 | 240 | 2,650 | 210 | 2,100 | 165 | 1,600 | 140 |

Machining parameter

| 被加工材料 Work Materials | 工具钢 Steel | | | | | | 不锈钢 Stainless steel | |
|-------------------------|---|-------------------------|---|-------------------------|---|-------------------------|--------------------------|-------------------------|
| | 碳钢 结构钢 灰口铸铁 Carbon Steel SS Cast Iron S50C SS40 FC250 | | 合金钢 调质钢 Alloy Steel Hardened Steel SCM NAK (HRC20-30) | | 模具钢 预硬钢 Mold Steel Pri-Hardened Steel SKD NAK HPM (HRC 30-40) | | SUS304/316 Austenitic | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 2 | 12700 | 530 | 10500 | 430 | 5600 | 200 | 4800 | 130 |
| 3 | 8500 | 590 | 7000 | 480 | 3700 | 220 | 3200 | 140 |
| 5 | 5100 | 590 | 4100 | 480 | 2200 | 220 | 1900 | 140 |
| 8 | 3200 | 590 | 2600 | 480 | 1400 | 220 | 1200 | 140 |
| 10 | 2550 | 560 | 2100 | 460 | 1100 | 210 | 950 | 130 |
| 12 | 2,100 | 530 | 1700 | 390 | 950 | 200 | 800 | 120 |

| 被加工材料 Work Materials | Difficult Machining Material | | | | | | Casting Alloy | | | |
|-------------------------|------------------------------|-------------------------|---|-------------------------|------------------------------|-------------------------|--------------------------|-------------------------|-----------------------------------|-------------------------|
| | 高温合金 Incone718 | | 高温合金 (沃斯帕洛、哈斯特洛伊) (Waspaloy, Hastelloy) | | 钛合金 Titan Alloy Ti-6Al-4V | | 铸铝 Aluminum Casting | | 球墨铸铁 Ductile Cast Iron FCD 400 | |
| 刃径 | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) | S转速 Rotation (min) | F进给 Feed (mm/min) |
| 2 | 1400 | 40 | 1800 | 80 | 3200 | 160 | 16700 | 570 | 9500 | 130 |
| 3 | 1,200 | 40 | 1,600 | 60 | 2,700 | 190 | 12,500 | 760 | 6400 | 140 |
| 5 | 830 | 60 | 1,280 | 90 | 2,000 | 240 | 7,650 | 760 | 3800 | 140 |
| 8 | 520 | 60 | 800 | 90 | 1,200 | 240 | 4,750 | 760 | 2400 | 140 |
| 10 | 420 | 60 | 640 | 90 | 1,000 | 240 | 3,800 | 760 | 1900 | 130 |
| 12 | 350 | 60 | 540 | 90 | 800 | 240 | 3,200 | 760 | 1600 | 110 |

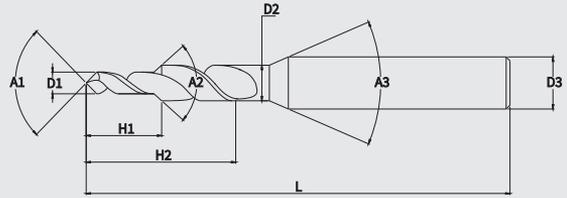
Customized Drills



硬质合金钻头定制

- ◆ 可订制直径范围: $\Phi 0.03$ - $\Phi 12.0$ mm
- ◆ 可订制最小直径公差: 0 ,- 0.002 mm
- ◆ 可订制最常刃长: $50 \times D1$
- ◆ 可订制: 左旋 右旋
- ◆ 钻头订制需提供以下数据:

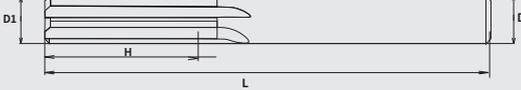
| | | | |
|---------|--------|--|-----------|
| D1(刃径): | 刃径公差: | H(刃长): | A1(钻尖角度): |
| D(柄径): | 订制数量: | 被加工材料: | 被加工孔直径: |
| 被加工深度: | 孔公差要求: | 工件表面: <input type="checkbox"/> 平面 <input type="checkbox"/> 非平面 | |
| 目标寿命要求: | 加工设备: | 设备主轴精度: | 设备主轴跳动: |



硬质合金台阶钻头定制

- ◆ 可订制直径范围: $\Phi 0.10$ - $\Phi 12.0$ mm
- ◆ 可订制最小直径公差: 0 ,- 0.002 mm
- ◆ 可订制最常刃长: $20 \times D1$
- ◆ 可订制: 左旋 右旋
- ◆ 钻头订制需提供以下数据:

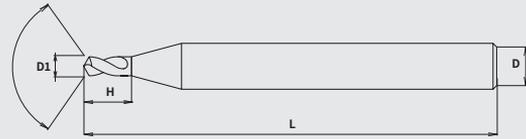
| | | | |
|-----------|--------|--|---------|
| D1(刃径): | 刃径公差: | D2(台阶直径): | 直径公差: |
| A1(钻尖角度): | A2角度: | H(刃长): | H2(刃长): |
| D3(柄径): | 订制数量: | 被加工材料: | 被加工孔直径: |
| 被加工深度: | 孔公差要求: | 工件表面: <input type="checkbox"/> 平面 <input type="checkbox"/> 非平面 | |
| 目标寿命要求: | 加工设备: | 设备主轴精度: | 设备主轴跳动: |



硬质合金精密铰刀定制

- ◆ 可订制直径范围: $\Phi 0.04$ - $\Phi 12.0$ mm
- ◆ 可订制最小直径公差: 0 ,- 0.002 mm
- ◆ 可订制最常刃长: $20 \times D1$
- ◆ 可订制螺旋型、直旋型铰刀、左旋右切
- ◆ 钻头订制需提供以下数据:

| | | | |
|---------|--------|--|---------|
| D1(刃径): | 刃径公差: | H(刃长): | 刃数: |
| D(柄径): | 订制数量: | 被加工材料: | 被加工孔直径: |
| 被加工深度: | 孔公差要求: | 工件表面: <input type="checkbox"/> 平面 <input type="checkbox"/> 非平面 | |
| 目标寿命要求: | 加工设备: | 设备主轴精度: | 设备主轴跳动: |



硬质合金倒角钻/扁钻定制

- ◆ 可订制直径范围: $\Phi 0.05$ - $\Phi 12.0$ mm
- ◆ 可订制最小直径公差: 0 ,- 0.002 mm
- ◆ 可订制最常刃长: $50 \times D1$
- ◆ 可订制最小倒角角度: 5°
- ◆ 钻头订制需提供以下数据:

| | | | |
|---------|--------|--|-----------|
| D1(刃径): | 刃径公差: | H(刃长): | A1(倒角角度): |
| D(柄径): | 订制数量: | 被加工材料: | 被加工孔直径: |
| 被加工深度: | 孔公差要求: | 工件表面: <input type="checkbox"/> 平面 <input type="checkbox"/> 非平面 | |
| 目标寿命要求: | 加工设备: | 设备主轴精度: | 设备主轴跳动: |

钻头刃长(H)的选择

软体材料刃长的选择方法:

$$H = A(\text{通孔深度}) + B(\text{排屑槽}) + (\text{钻透深度})$$

A=实际需要加工的深度

软体材料 $B = A \times (0.2-0.4)$

硬体材料 $B = A \times (0.1-0.3)$

$C = 1D$

如:加工深度为5MM,直径1.00

$$H = A(5\text{MM}) + B(0.3 \times 5\text{MM}) + C(1 \times D)$$

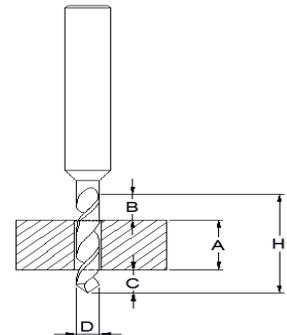
$$= 5 + 1.5 + 1$$

$$= 7.5\text{MM}$$

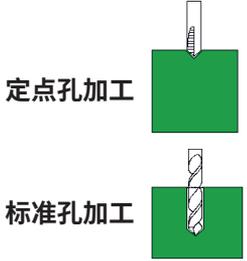
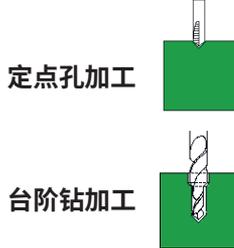
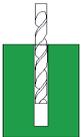
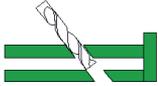
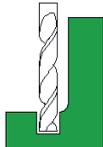
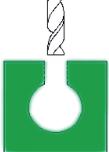
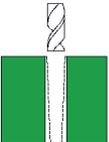
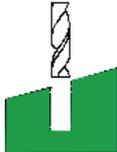
1. B的长度不足时,排屑不畅

2. 切削液冷却不足时,易断钻

3. 大长孔位精度不够时,易断钻



加工工艺与系列对照

| | | | | | |
|---|---|--|--|--|--|
| <p>深孔$L > 10D$</p>  <p>定点孔加工 引导孔加工 深孔加工</p> | | <p>薄板孔加工</p>  <p>定点孔加工 薄板孔加工</p> | | | |
| <p>标准孔$L \leq 10D$</p>  <p>定点孔加工 标准孔加工</p> | | <p>台阶孔</p>  <p>定点孔加工 台阶钻加工</p> | | <p>沉头孔加工</p>  <p>定点孔加工 沉头孔加工</p> | |
| <p>标准孔$L \leq 10D$</p>  <p>平底钻头系列</p> | <p>薄板孔连续加工</p>  <p>平底钻头系列</p> | <p>盲孔丝锥底孔加工</p>  <p>平底钻头系列</p> | <p>深位置的沉孔加工</p>  <p>平底钻头系列</p> | | |
| <p>交叉孔加工</p>  <p>平底钻头系列</p> | <p>偏心孔矫正加工</p>  <p>平底钻头系列</p> | <p>斜面孔加工</p>  <p>平底钻头系列</p> | <p>深加工孔加工</p>  <p>平底钻头系列</p> | | |

钻头磨损

正常钻孔

Normal drilling



外圆刃尖磨损
Outer corner wear



外圆磨损
Margin wear



切削刃磨损
Major cutting edge



后面磨损
Flank wear



横刃面磨损
Chisel edge wear



切割面磨损
Face wear

切削材硬度不均

Uneven hardness of cutting materials

进给量大

Feed rate too high

颤动、振动大

Ran out ir ribration too large



崩口
Chipping



外圆刃尖破损
Corner fracture



横刃边破损
Chisel edge fracture

切削速度过块

Cutting speed too high

切削油给油不足

Not enough coolant



外圆刃尖破损
Corner fracture



熔融
Melting



月牙洼磨损
Crater wear

磨损加剧导致切削刃破损

Excessive wear

铁屑堵塞

Chip packing

阶梯和孔内的粘结

A margin and work material melted

钻头折断

Breakage

匠心 | 匠行 | 匠梦
China Achieves Dreams