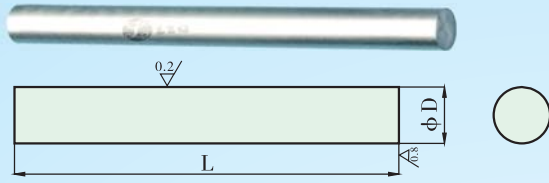


超精研磨圓棒
Super finish grinding round bar
超精細研磨丸棒

(高耐磨/高耐衝擊/高精密度)
High wear-resistant/high impact-resistant/high precision
高耐摩擦/高耐衝擊用/高精密度



Outer diameter tolerance 外徑公差
 AAA級: ±0.001mm
 AA級: ±0.002mm
 A級: +0
 B級: -0.004mm
 C級: +0
 C級: ±0.008mm

真圓度 $\ominus \leq 0.004\text{mm}$
 Roundness 真九度
 同心度 $\odot \leq 0.004\text{mm}$
 Concentricity 同心性
 光洁度 0.4 / 0.1
 Surface finish 織細度

| 精棒直徑 Diameter φ | L系列 Series シリーズ (mm) | 材質Grades | 精棒直徑 Diameter φ | L系列 Series シリーズ (mm) | 材質Grades | 精棒直徑 Diameter φ | L系列 Series シリーズ (mm) | 材質Grades |
|-----------------------|-------------------------------|-------------------------------|-----------------------|-------------------------------|-------------------------------|-----------------------|-------------------------------|-------------------------------|
| 0.010 | | Quality Carbide | 9.000 | | Quality Carbide | 34.000 | | Quality Carbide |
| 0.050 | 14/ | HXF10 ★ | 9.500 | 14/ | HXF10 ★ | 34.500 | 14/ | HXF10 ★ |
| 0.100 | | | 9.525 | | | 35.000 | | |
| 0.200 | 15/ | HXD10(HRA94°) | 10.000 | 15/ | HXD10(HRA94°) | 35.500 | 15/ | (HRA94°)HXD10 |
| 0.300 | | | 10.500 | | | 36.000 | | |
| 0.395 | 30/ | NXB10Z ★ | 11.000 | 30/ | NXB10Z ★ | 36.500 | 30/ | NXB10Z ★ |
| 0.400 | | | 11.500 | | | 37.000 | | |
| 0.410 | 38/ | NXB10 | 12.000 | 38/ | NXB10 | 37.500 | 38/ | NXB10 |
| 0.450 | | | 12.500 | | | 38.000 | | |
| 0.495 | 39/ | SX10T ★ | 12.700 | 39/ | SX10T ★ | 38.500 | 50.5/ | SX10T ★ |
| 0.500 | | | 13.000 | | | 39.000 | | |
| 0.540 | 50/ | MX11(HRA93°) ★ | 13.500 | 50/ | MX11(HRA93°) ★ | 39.500 | 51/ | (HRA93°)MX11 ★ |
| 0.600 | | | 14.000 | | | 40.000 | | |
| 0.645 | 50.5/ | MX12 ★ | 14.500 | 50.5/ | MX12 ★ | 40.500 | 53/ | MX12 ★ |
| 0.650 | | | 15.000 | | | 41.000 | | |
| 0.700 | 51/ | KX301 | 15.500 | 51/ | KX301 | 41.500 | 60.5/ | KX301 |
| 0.720 | | | 15.880 | | | 42.000 | | |
| 0.750 | 53/ | PX35 | 16.000 | 53/ | PX35 | 42.500 | 63/ | (HRA92°)PX40 ★ |
| 0.800 | | | 16.500 | | | 43.000 | | |
| 0.830 | 60/ | PX40(HRA92°) ★ | 17.000 | 60/ | PX40(HRA92°) ★ | 43.500 | 64/ | (HRA92°)PXA5 ★ |
| 0.830 | | PXA5 | 17.500 | | PXA5 | 44.000 | | |
| 0.900 | 60.5/ | NXA61 | 18.000 | 60.5/ | NXA61 | 44.500 | 65/ | NXA61 |
| 0.995 | | | 18.500 | | | 45.000 | | |
| 1.000 | 63/ | KXA720 | 19.000 | 63/ | KXA720 | 45.500 | 70/ | KXA720 |
| 1.025 | | | 19.500 | | | 45.500 | | |
| 1.027 | 64/ | PXA8 | 19.500 | 64/ | PXA8 | 46.000 | 70.5/ | PXA8 |
| 1.070 | | | 20.000 | | | 46.500 | | |
| 1.070 | 65/ | NXA920 | 20.500 | 65/ | NXA920 | 47.000 | 75/ | NXA920 |
| 1.100 | | | 21.000 | | | 47.500 | | |
| 1.100 | 70/ | PXA11 | 21.500 | 70/ | PXA11 | 48.000 | 76/ | PXA11 |
| 1.150 | | | 22.000 | | | 48.500 | | |
| 1.150 | 70.5/ | PXA1220 | 22.500 | 70.5/ | PXA1220 | 49.000 | 82/ | PXA1220 |
| 1.195 | | | 23.000 | | | 49.500 | | |
| 1.200 | 75/ | S6 | 23.500 | 75/ | S6 | 50.000 | 100/ | S6 |
| 1.260 | | | 24.000 | | | 51.000 | | |
| 1.420 | 76/ | VXA201(HRC72°) | 24.500 | 76/ | VXA201(HRC72°) | 52.000 | 102/ | (HRC72°)VXA201 |
| 1.450 | | | 25.000 | | | 53.000 | | |
| 1.500 | 77/ | VXA301 | 25.500 | 77/ | VXA301 | 54.000 | 110/ | VXA301 |
| 2.000 | | | 26.000 | | | 55.000 | | |
| 2.500 | 76/ | VXA431 | 26.500 | 76/ | VXA431 | 56.000 | 120/ | (HRC63°)VXA431 |
| 2.500 | | | 27.000 | | | 57.000 | | |
| 3.000 | 77/ | VXA441(HRC63°) | 27.500 | 77/ | VXA441(HRC63°) | 58.000 | 130/ | (HRC63°)VXA441 |
| 3.170 | | | 28.000 | | | 59.000 | | |
| 3.175 | 80/ | HSS-Co10.5 | 28.500 | 80/ | HSS-Co10.5 | 60.000 | 312/ | HSS-Co10.5 |
| 3.500 | | | 29.000 | | | | | |
| 3.970 | 82/ | ASP60A(HRC69°) ★ | 29.500 | 82/ | ASP60A(HRC69°) ★ | | 335 | (HRC69°)ASP60A ★ |
| 4.000 | | | 30.000 | | | | | |
| 4.360 | 82/ | SKH59C | 30.500 | 82/ | SKH59C | | | SKH59C |
| 4.500 | | | 31.000 | | | | | |
| 4.760 | 90/ | SKH57C(HRC65°) | 31.500 | 90/ | SKH57C(HRC65°) | | | (HRC65°)SKH57C |
| 5.000 | | | 32.000 | | | | | |
| 5.500 | 100/ | SKH55C ★ | 32.500 | 100/ | SKH55C ★ | | | SKH55C ★ |
| 5.950 | | | 33.000 | | | | | |
| 6.000 | 100/ | SKH51C ★ | 33.500 | 100/ | SKH51C ★ | | | SKH51C ★ |
| 6.350 | | | | | | | | |
| 6.500 | 110/ | UNS S44003D(A) (HRC64° ±2°) ★ | | 110/ | UNS S44003D(A) (HRC64° ±2°) ★ | | | UNS S44003D(A) (HRC64° ±2°) ★ |
| 7.000 | | | | | | | | |
| 7.500 | 120/ | SKD11 ★ | | 120/ | SKD11 ★ | | | SKD11 ★ |
| 8.000 | | | | | | | | |
| 8.500 | 130/ | SKD61 ★ | | 130/ | SKD61 ★ | | | SKD61 ★ |
| | | | | | | | | |
| | 150/ | ASTM440PH(AA) (HRC54° ±2°) ★ | | 150/ | ASTM440PH(AA) (HRC54° ±2°) ★ | | | ASTM440PH(AA) (HRC54° ±2°) ★ |
| | | | | | | | | |
| | 312/ | SUS630(17-4PH) | | 312/ | SUS630(17-4PH) | | | SUS630(17-4PH) |
| | | | | | | | | |
| | 335 | SUS303 | | 335 | SUS303 | | | SUS303 |

★超精研磨圓棒可生產至小數點後第3~4位及0.001的遞增，外徑公差高可至±0.001mm。Super finish grinding round bar can be machined to the third or fourth digit & (0.001) after the decimal point, and outer diameter tolerance can be up to ±0.001mm. ★"常備在庫品" 超精細研磨丸棒是小數點後的3~4位(0.001)の増加まで、外徑公差が±0.001mmまで生産可能。 stock products

★依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超微細超長組合成型制品。We can produce special、compound、special-shaped、super-large/super-thin/super-long combined profiling products according to requirements of drawings, samples and dimension tolerance. 圖面、サンプル及び寸法の公差要求により可生産特殊、複合、異型、超大、超微細、超長の組合せ成型製品を生産できる