

Precision Case Hardened And Ground Shafting*

HARDNESS: HRc 60 • TOLERANCE: h6 • 1m LENGTHS

| Diameter mm | Weight | | Depth of Hardness mm | Diametrical Tolerance (h6) µm | Concentricity µm | Cylindricity µm |
|----------------|--------|--------|----------------------------|-------------------------------------|---------------------|--------------------|
| | kg/m | lbs/m | | | | |
| 8 | 0.0395 | 0.0869 | 0.6-1 | 0-9 | 4 | 6 |
| 12 | 0.0888 | 0.1954 | 1.1-1.7 | 0-11 | 5 | 8 |
| 16 | 0.1580 | 0.3476 | 1.1-1.7 | 0-11 | 5 | 8 |
| 20 | 0.2465 | 0.5423 | 1.8-2.1 | 0-13 | 6 | 10 |
| 25 | 0.3850 | 0.8470 | 1.8-2.1 | 0-13 | 6 | 10 |
| 30 | 0.5550 | 1.2210 | 2.2 | 0-13 | 6 | 10 |
| 40 | 0.9860 | 2.1692 | 2.2 | 0-16 | 8 | 12 |
| 50 | 1.5410 | 3.3902 | 2.2 | 0-16 | 8 | 12 |

1 µm (micrometer) = 0.001 mm (millimeter) • Concentricity relates to the degree of roundness • Cylindricity relates to the degree of taper, convexity (crowing) and concavity

*Inquire for linear shafting.

Key/Flat Stock

ISO-TOLERANCE h9 (SLIP FIT)

MATERIAL: C 1045

DIN 6880

| Size mm | Size mm |
|------------|------------|
| 2X2 | 18X18 |
| 3X3 | 7X18 |
| 4X4 | 10X20 |
| 3X5 | 12X20 |
| 5X5 | 20X20 |
| 4X6 | 8X20 |
| 6X6 | 14X22 |
| 7X7 | 22X22 |
| 5X8 | 9X22 |
| 7X8 | 14X25 |
| 8X8 | 22X25 |
| 10X10 | 25X25 |
| 6X10 | 16X28 |
| 8X10 | 18X32 |
| 12X12 | 20X36 |
| 6X12 | 22X40 |
| 8X12 | 25X45 |
| 14X14 | 28X50 |
| 6X14 | 32X56 |
| 9X14 | 32X63 |
| 10X16 | 36X70 |
| 16X16 | 40X80 |
| 7X16 | 45X90 |
| 11X18 | 50X100 |

1 Meter Lengths (39")

0.5 m (500 mm) Lengths (19.7")

0.25 m (250 mm) Lengths (9.8")

3 m lengths available in some sizes

1.4571 Stainless Steel
(AISI 316 TI)

| Size mm | Size mm |
|------------|------------|
| 2X2 | 7X16* |
| 3X3 | 11X18 |
| 4X4 | 7X18 |
| 3X5 | 12X20 |
| 5X5 | 8X20 |
| 4X6 | 14X22 |
| 6X6 | 9X22 |
| 5X8 | 14X25 |
| 7X8 | 16X28 |
| 8X8 | 18X32 |
| 10X10 | 20X36 |
| 6X10 | 22X40 |
| 8X10 | 25X45 |
| 12X12 | |
| 6X12 | |
| 8X12 | |
| 6X14 | |
| 9X14 | |
| 10X16 | |

* = W.Nr.1.4541 (AISI 321)

Hex Rod

MATERIAL: C 1045

(replaces former C1028)

| Size mm |
|------------|
| 7 |
| 8 |
| 9 |
| 10 |
| 13 |
| 16 |
| 17 |
| 19 |
| 22 |
| 24 |
| 27 |
| 30 |
| 32 |
| 36 |
| 41 |
| 46 |
| 50 |
| 55 |

1 Meter Lengths (39")

NOTE: 3m lengths available in some sizes. Some sizes only currently available in C1028. Check before heat treating.