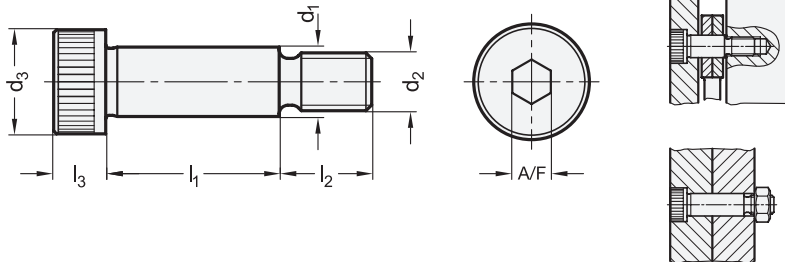




Application examples



Inch table

Dimensions in: inches - millimeters

| ¹ d_1 ^{-0.002} / _{-0.004} | ² d_2 Thread | ³ $l_1 \pm 0.005$ | | | | | | | | d_3 | l_2 | l_3 | A/F |
|--|---------------------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|-------|
| 0.250 6.35 | 10 x 24 | 0.250 6.35 | 0.375 9.53 | 0.500 12.70 | 0.625 15.88 | 0.750 19.05 | 1.000 25.40 | 1.250 31.75 | 1.500 38.10 | 0.3750 9.53 | 0.3750 9.53 | 0.1875 4.76 | 0.125 |
| 0.313 7.95 | 1/4 x 20 | 0.375 9.53 | 0.500 12.70 | 0.625 15.88 | 0.750 19.05 | 1.000 25.40 | 1.250 31.75 | 1.500 38.10 | 2.000 50.80 | 0.4375 11.11 | 0.4375 11.11 | 0.2188 5.56 | 0.156 |
| 0.375 9.53 | 5/16 x 18 | 0.500 12.70 | 0.625 15.88 | 0.750 19.05 | 1.000 25.40 | 1.250 31.75 | 1.500 38.10 | 2.000 50.80 | 2.250 57.15 | 0.5625 14.29 | 0.5000 12.7 | 0.2500 6.35 | 0.188 |
| 0.500 12.70 | 3/8 x 16 | 0.625 15.88 | 0.750 19.05 | 1.000 25.40 | 1.250 31.75 | 1.500 38.10 | 2.000 50.80 | 2.250 57.15 | - | 0.7500 19.05 | 0.6250 15.88 | 0.3125 7.94 | 0.250 |
| 0.625 15.88 | 1/2 x 13 | 1.000 25.40 | 1.250 31.75 | 1.500 38.10 | 2.000 50.80 | 2.250 57.15 | - | - | - | 0.8750 22.23 | 0.7500 19.05 | 0.3750 9.53 | 0.313 |

Specification

- Steel
 - Property class 12.9
 - Blackened finish
 - Adapter dimension d_1 ground
- ISO Fundamental Tolerances → page QVX
- Strength Values of Screws → page QVX
- RoHS compliant

Information

Socket shoulder screws WN 7379 are cost-saving construction components for a wide variety of different uses.

The maximum tightening torque should not be defined by the property class, but it is instead limited by the relatively small bearing points (shoulders) on the recesses at the transition point from d_1 to d_2 and d_3 .

see also...

- Cylinder Head Shoulder Bolts GN 732.1 (Steel) → page QVX

| | |
|-----------------------------------|------------------------------------|
| How to order | ¹ Collet diameter d_1 |
| WN 7379-0.313-1/4x20-0.625 | ² Thread d_2 |
| | ³ Length l_1 |