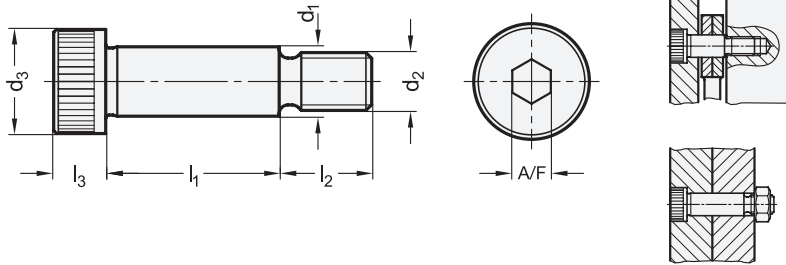




Application examples



Metric table

Dimensions in: millimeters - inches

d ₁ f9	d ₂	l ₁ +0.25												d ₃	l ₂	l ₃	A/F			
4 0.16	M 3	4	5	6	8	10	12	16	20	25	30	-	-	-	-	-	7 0.28	7 0.28	3 0.118	2
5 0.20	M 4	5	6	8	10	12	16	20	25	30	40	-	-	-	-	-	9 0.35	8 0.31	4 0.157	2.5
6 0.24	M 5	10	12	16	20	25	30	35	40	45	50	55	60	65	70	80	10 0.39	9.5 0.37	4.5 0.177	3
8 0.31	M 6	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	13 0.51	11 0.43	5.5 0.217	4
10 0.39	M 8	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	16 0.63	13 0.51	7 0.276	5
12 0.47	M 10	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	18 0.71	16 0.63	9 -1 0.354 -0.039	6
16 0.63	M 12	25	30	35	40	45	50	55	60	65	70	80	90	100	-	-	24 0.94	18 0.71	11 0.433	8
20 0.79	M 16	30	35	40	45	50	55	60	65	70	80	90	100	-	-	-	30 1.18	22 0.87	14 0.551	10
24 0.94	M 20	50	55	60	65	70	80	90	100	-	-	-	-	-	-	-	36 1.42	27 1.06	16 0.630	12

Specification

- Steel
 - Property class 12.9
 - Blackened finish
 - Adapter dimension d₁ ground
- ISO Fundamental Tolerances → page 2129
- Strength Values of Screws → page 2127
- RoHS compliant

Information

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

The maximum tightening torque should not be defined by the property class 12.9, but it is instead limited by the relatively small bearing points (shoulders) on the recesses at the transition point from d₁ to d₂ and d₃.

The ISO standard sheet allows for screws with or without knurled head.

see also...

- Cylinder Head Shoulder Bolts GN 732.1 (Steel) → page 1111

<p>How to order</p> <p>ISO 7379-10-M8-40</p>	1	Collet diameter d ₁
	2	Thread d ₂
	3	Length l ₁