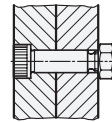
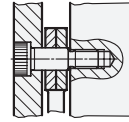
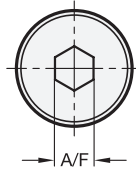
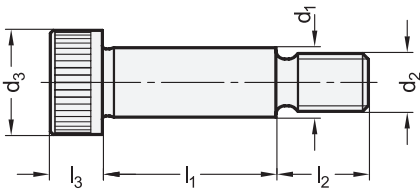


Application examples



1 2 3

d ₁ f9	d ₂	l ₁ +0,25															d ₃	l ₂	l ₃	A/F
4 M 3	4	5	6	8	10	12	16	20	25	30	-	-	-	-	-	7	7	3	2	
5 M 4	5	6	8	10	12	16	20	25	30	40	-	-	-	-	9	8	4	2,5		
6 M 5	10	12	16	20	25	30	35	40	45	50	55	60	65	70	80	10	9,5	4,5	3	
8 M 6	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	13	11	5,5	4	
10 M 8	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	16	13	7	5	
12 M 10	16	20	25	30	35	40	45	50	55	60	65	70	80	90	100	18	16	9-1	6	
16 M 12	25	30	35	40	45	50	55	60	65	70	80	90	100	-	-	24	18	11	8	
20 M 16	30	35	40	45	50	55	60	65	70	80	90	100	-	-	30	22	14	10		
24 M 20	50	55	60	65	70	80	90	100	-	-	-	-	-	-	36	27	16	12		

Specification

- Steel
 - Property class 12.9
 - Blackened
 - Fit dimension d₁ ground
- *ISO Fundamental Tolerances* → Page 2151
- *Strength Values of Screws* → Page 2152
- RoHS

Information

Shoulder screws ISO 7379 are cost-saving construction elements for a wide variety of different uses.

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

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

Standard deviation:

- no information about the concentricity 2 IT 13 and 2 IT 10
- no marking of the property class
- the official ISO standard sheet has the following dimensions for d₁ - d₂: 6,5-M5 / 13-M10 / 25-M20
- the dimensions 4-M3 and M4-M5 are not included in the official ISO standard sheet

see also...

- *Cylinder Head Shoulder Bolts GN 732.1 (Steel)* → Page 1057

How to order

ISO 7379-10-M8-40

- 1 d₁
- 2 d₂
- 3 l₁