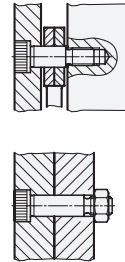
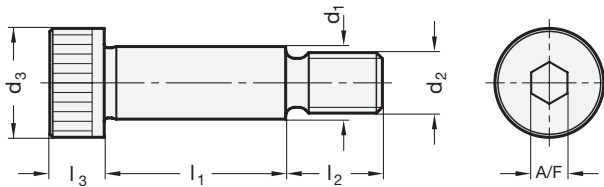


**Range extended!**

Application example



**1 2 3**

<b>d<sub>1</sub></b> f9	<b>d<sub>2</sub></b>	<b>l<sub>1</sub> +0,25</b>															<b>d<sub>3</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>	<b>A/F</b>
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	10	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	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
  - Tensile strength class 12.9 (1200 N/mm<sup>2</sup>)
  - blackened
  - Adapter dimension d<sub>1</sub> ground
- ISO-Fundamental Tolerances → Page 1132
- RoHS compliant

**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 strength class 12.9, it is instead limited by the relatively small bearing points (shoulders) and by the recesses at the transition point from d<sub>1</sub> to d<sub>2</sub> and d<sub>1</sub> to d<sub>3</sub>.

Standard deviation:

- no information about the concentricity 2 IT 13 and IT 10 2
- the official ISO standard sheet has the following dimensions for d<sub>1</sub> - d<sub>2</sub>: 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 → Page 529

How to order

**ISO 7379-10-M8-40**

- 1** d<sub>1</sub>
- 2** d<sub>2</sub>
- 3** l<sub>1</sub>