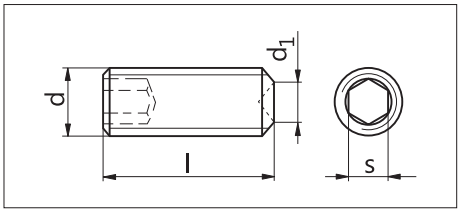
# SET SCREWS

## DIN EN ISO 4029




| d | M2 | M2.5 | M3 | M4 | M5 | M6 | M8 | M10 | M12 | M16 |
|---|---|---|---|---|---|---|---|---|---|---|
| $d_1$ in mm | 1 | 1.2 | 1.4 | 2 | 2.5 | 3 | 5 | 6 | 8 | 10 |
| s in mm | 0.9 | 1.3 | 1.5 | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 |

| Nominal dia. d | Length l in mm | Bare steel Art. No. | P. Qty. | Galvanized steel Blue-passivated Art. No. | P. Qty. |
|---|---|---|---|---|---|
| M2 | 3 | **0254 2 3** | 1,000 | **0254 02 3** | 1,000 |
| | 4 | **0254 2 4** | | **0254 02 4** | |
| | 5 | **0254 2 5** | | **0254 02 5** | |
| | 6 | **0254 2 6** | | **0254 02 6** | 250 |
| | 8 | **0254 2 8** | | | |
| | 10 | **0254 2 10** | 500 | | |
| | 12 | **0254 2 12** | 1,000 | | |
| M2.5 | 3 | **0254 25 3** | 200 | | |
| | 4 | **0254 25 4** | | | |
| | 5 | **0254 25 5** | | | |
| | 6 | **0254 25 6** | | | |
| | 8 | **0254 25 8** | | | |
| | 10 | **0254 25 10** | 1,000 | | |
| | 12 | **0254 25 12** | | | |
| | 25 | **0254 25 25** | 500 | | |
| M3 | 3 | **0254 3 3** | 200 | **0254 03 3** | 200 |
| | 4 | **0254 3 4** | | **0254 03 4** | |
| | 5 | **0254 3 5** | | **0254 03 5** | |
| | 6 | **0254 3 6** | | **0254 03 6** | |
| | 8 | **0254 3 8** | | **0254 03 8** | |
| | 10 | **0254 3 10** | | **0254 03 10** | |
| | 12 | **0254 3 12** | | **0254 03 12** | |
| | 14 | | | **0254 03 14** | |
| | 16 | **0254 3 16** | | **0254 03 16** | |
| | 20 | **0254 3 20** | | **0254 03 20** | |
| | 25 | **0254 3 25** | | | |
| M4 | 3 | **0254 4 3** | 200 | | |
| | 4 | **0254 4 4** | | **0254 04 4** | 200 |
| | 5 | **0254 4 5** | | **0254 04 5** | |
| | 6 | **0254 4 6** | | **0254 04 6** | |
| | 8 | **0254 4 8** | | **0254 04 8** | |
| | 10 | **0254 4 10** | | **0254 04 10** | |
| | 12 | **0254 4 12** | | **0254 04 12** | |
| | 14 | **0254 4 14** | | **0254 04 14** | |
| | 16 | **0254 4 16** | | **0254 04 16** | |
| | 18 | **0254 4 18** | | | |
| | 20 | **0254 4 20** | | **0254 04 20** | |
| | 22 | **0254 4 22** | | | |

**Can be stored in ORSY®**

**replaces DIN 916**

**with Allen socket and cup point**

**Bare steel, 45 H**
**Galvanized steel, blue passivated (A2K), 45 H**

Hardness 45H corresponds to a hardness of 450 HV.

Steel set screws may only be subjected to push loading (see also DIN EN ISO 898-5). Typical applications include clamping in an adjusting ring or pressing against a counter piece. Steel set screws are therefore extremely hard so as to ensure torsion strength in the Allen socket when tightening/loosening.

If set screws are welded on, tightened or locked with nuts or bent under load, it is highly probable that they are being used improperly. Any application of tensile stress goes against the intended use of the screw and can lead to failure.

**Hint:**
Stainless set screws made of A2/A4 stainless steel are not specially hardened and can be used for tensile loads if necessary.

**DIN 916 has been retracted and replaced by international standard DIN EN ISO 4029.**