



SS Stainless Steel

3 Type

SK Hardened tip (only available in blackened steel)

SKN Unhardened tip

Metric table

1 2

Dimensions in: millimeters - inches

| d ₁ Thread | Length l | | | | | | d ₂ h11 | d ₃ | e ₁ ≈ | e ₂ ≈ | | e ₃ ≈ | A/F | z ₁ ≈ | z ₂ ≈ |
|--------------------------|------------|------------|-------------|-------------|-------------|-------------|--------------------|----------------|------------------|------------------|--------------|------------------|-----|------------------|------------------|
| | Type A | Type P | Type A | Type P | | | | | | | | | | | |
| M 6 | 30 1.18 | 35 1.38 | 40 1.57 | 45 1.77 | 50 1.97 | - | 4.5 0.18 | 4 0.16 | 2.1 0.08 | 1.5 0.06 | 4.5 0.18 | - | 3 | 6 0.24 | 2.5 0.10 |
| M 8 | 35 1.38 | 40 1.57 | 45 1.77 | 50 1.97 | 60 2.36 | 70 2.76 | 6 0.24 | 5.4 0.21 | 3 0.12 | 2.3 0.09 | 5.3 0.21 | - | 4 | 7.5 0.30 | 3 0.12 |
| M 10 | 45 1.77 | 50 1.97 | 55 2.17 | 60 2.36 | 65 2.56 | 80 3.15 | 8 0.31 | 7.2 0.28 | 3.6 0.14 | 2.6 0.10 | 5.6 0.22 | - | 5 | 9 0.35 | 4.5 0.18 |
| M 12 | 50 1.97 | 60 2.36 | 65 2.56 | 70 2.76 | 80 3.15 | 100 3.94 | 8 0.31 | 7.2 0.28 | 4.6 0.18 | 2.9 0.11 | 6.9 0.27 | 3.7 0.15 | 6 | 10 0.39 | 4.5 0.18 |
| M 16 | 65 2.56 | 70 2.76 | 75 2.95 | 80 3.15 | 100 3.94 | 125 4.92 | 12 0.47 | 11 0.43 | 5.4 0.21 | 4.5 0.18 | 9.5 0.37 | 4 0.16 | 8 | 12 0.47 | 5 0.20 |
| M 20 | 80 3.15 | 90 3.54 | 100 3.94 | 125 4.92 | 150 5.91 | - | 15.5 0.61 | 14.4 0.57 | 5.5 0.22 | 4.5 0.18 | 10.5 0.41 | 4.3 0.17 | 10 | 14 0.55 | 5.5 0.22 |

1 2

| d ₁ Thread | Length l | | | | | | d ₂ h11 | d ₃ | e ₁ ≈ | e ₃ ≈ | A/F | z ₁ ≈ | z ₂ ≈ |
|--------------------------|------------|-------------|-------------|-------------|-------------|---|--------------------|----------------|------------------|------------------|-----|------------------|------------------|
| | Type A | Type P | Type A | Type P | | | | | | | | | |
| M 10 | 45 1.77 | 55 2.17 | 65 2.56 | 80 3.15 | - | - | 8 0.31 | 7.2 0.28 | 3.6 0.14 | - | 5 | 9 0.35 | 4.5 0.18 |
| M 12 | 50 1.97 | 60 2.36 | 70 2.76 | 80 3.15 | 100 3.94 | - | 8 0.31 | 7.2 0.28 | 4.6 0.18 | 3.7 0.15 | 6 | 10 0.39 | 4.5 0.18 |
| M 16 | 65 2.56 | 70 2.76 | 80 3.15 | 100 3.94 | 125 4.92 | - | 12 0.47 | 11 0.43 | 5.4 0.21 | 4 0.16 | 8 | 12 0.47 | 5 0.20 |
| M 20 | 90 3.54 | 100 3.94 | 125 4.92 | 150 5.91 | - | - | 15.5 0.61 | 14.4 0.57 | 5.5 0.22 | 4.3 0.17 | 10 | 14 0.55 | 5.5 0.22 |

Specification

4

- Steel
Property class 5.8
- Blackened finish —
- Zinc plated, blue passivated finish **ZB**
- Stainless steel AISI 304 **NI**
- Strength Values of Screws → page 2127
- ISO Fundamental Tolerances → page 2129
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

The thrust point of DIN 6332 grub screws is designed to be used with or without the thrust pad for clamping. The tip diameter of these grub screws is smaller than the diameter of the threaded stud, allowing them to be screwed into position from the tip side. The snap ring / retaining spring is a simple and quick method to connect the thrust pad to the grub screw.

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| How to order (Steel, blackened finish) | 1 Thread d ₁ |
| DIN 6332-M12-60-SK | 2 Length l |
| | 3 Type |

| | |
|-----------------------------------|--------------------------------|
| How to order (Steel, zinc plated) | 1 Thread d ₁ |
| DIN 6332-M16-80-SKN-ZB | 2 Length l |
| | 3 Type |
| | 4 Finish (Material) |

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10