



**Metric table**

Dimensions in: millimeters - inches

| d <sub>1</sub> | I <sub>1</sub> Nominal length |      |      |      |      |      |      |      |      |      | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> ±0.3 | A/F <sub>1</sub> | A/F <sub>2</sub> |
|----------------|-------------------------------|------|------|------|------|------|------|------|------|------|----------------|----------------|----------------|---------------------|------------------|------------------|
| M 3            | 3                             | 4    | 5    | 6    | 8    | 10   | -    | -    | -    | -    | 1.9            | 1.5            | 0.5            | 0.8                 | 1.5              | 1.5              |
|                | 0.12                          | 0.16 | 0.20 | 0.24 | 0.31 | 0.39 |      |      |      |      | 0.07           | 0.06           | 0.02           | 0.03                |                  |                  |
| M 4            | 4                             | 5    | 6    | -    | -    | -    | -    | -    | -    | -    | 2.5            | 2              | 0.5            | 1                   | 2                | 1.5              |
|                | 0.16                          | 0.20 | 0.24 |      |      |      |      |      |      |      | 0.10           | 0.08           | 0.02           | 0.04                |                  |                  |
| M 4            | 8                             | 10   | 12   | 16   | 20   | -    | -    | -    | -    | -    | 2.5            | 2              | 0.5            | 1                   | 2                | 2                |
|                | 0.31                          | 0.39 | 0.47 | 0.63 | 0.79 |      |      |      |      |      | 0.10           | 0.08           | 0.02           | 0.04                |                  |                  |
| M 5            | 5                             | 6    | -    | -    | -    | -    | -    | -    | -    | -    | 3              | 3              | 0.5            | 1                   | 2.5              | 2                |
|                | 0.20                          | 0.24 |      |      |      |      |      |      |      |      | 0.12           | 0.12           | 0.02           | 0.04                |                  |                  |
| M 5            | 8                             | 10   | 12   | 16   | 20   | 25   | -    | -    | -    | -    | 3              | 3              | 0.5            | 1                   | 2.5              | 2.5              |
|                | 0.31                          | 0.39 | 0.47 | 0.63 | 0.79 | 0.98 |      |      |      |      | 0.12           | 0.12           | 0.02           | 0.04                |                  |                  |
| M 6            | 6                             | 8    | 10   | 12   | 16   | 20   | 25   | 32   | 40   | 50   | 4              | 3.5            | 1              | 1.3                 | 3                | 3                |
|                | 0.24                          | 0.31 | 0.39 | 0.47 | 0.63 | 0.79 | 0.98 | 1.26 | 1.57 | 1.97 | 0.16           | 0.14           | 0.04           | 0.05                |                  |                  |
| M 8            | 8                             | 10   | 12   | 16   | 20   | 25   | 32   | 40   | 50   | 63   | 6              | 5              | 1.5            | 1.6                 | 4                | 4                |
|                | 0.31                          | 0.39 | 0.47 | 0.63 | 0.79 | 0.98 | 1.26 | 1.57 | 1.97 | 2.48 | 0.24           | 0.20           | 0.06           | 0.06                |                  |                  |
| M 10           | 16                            | 20   | 25   | 32   | 40   | 50   | 63   | 80   | -    | -    | 8              | 6.5            | 2              | 1.9                 | 5                | 5                |
|                | 0.63                          | 0.79 | 0.98 | 1.26 | 1.57 | 1.97 | 2.48 | 3.15 |      |      | 0.31           | 0.26           | 0.08           | 0.07                |                  |                  |
| M 12           | 20                            | 25   | 32   | 40   | 50   | 63   | 80   | 100  | -    | -    | 10             | 8              | 2              | 2.1                 | 6                | 6                |
|                | 0.79                          | 0.98 | 1.26 | 1.57 | 1.97 | 2.48 | 3.15 | 3.94 |      |      | 0.39           | 0.31           | 0.08           | 0.08                |                  |                  |

**Specification**

- Body  
Steel
- Property class 5.8
- Blackened finish

- Tip
- Brass
- Plastic (Polyacetal POM)

**MS**  
**KU**

- [Strength Values of Screws](#) → page 2127
- [Plastic Characteristics](#) → page 2135

• [RoHS compliant](#)

**Information**

GN 913.3 set screws with brass or plastic tip are used in applications where markings, pressure dents and damage to the workpiece are unacceptable.

These set screws can also be used with a variety of different hand operating components, such as levers, hand knobs, star knobs, and knurled nuts.

see also...

- [Set Screws WN 913.3 \(Inch Size\)](#) → page 1098
- [Set Screws GN 913.2 \(Metric Size, with Hardened Tip\)](#) → page 1101
- [Socket Set Screws GN 605 \(Metric Size, with Flat Ball\)](#) → page 1102
- [Set Screws GN 913.6 \(Metric Size, with Retaining Magnet\)](#) → page 2026

**How to order**

**GN913.3-M6-20-MS**

- 1 Thread d<sub>1</sub>
- 2 Thread length l<sub>1</sub>
- 3 Tip material

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

