

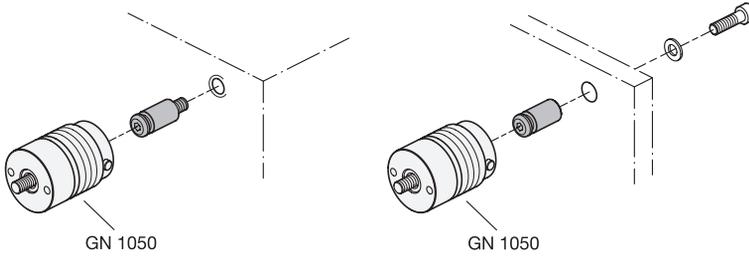
Metric



**3** Type

- A** With threaded stud insert
- I** With tapped insert

Assembly examples



Metric table

Dimensions in: millimeters / inches

<b>1</b> Nominal size Quick release coupling GN 1050	<b>2</b> d <sub>2</sub>	d <sub>1</sub>	d <sub>3</sub> ±0.03	l <sub>1</sub>	l <sub>2</sub>	A/F	t min.	z ±0.1 Axial offset
2	M 10	53 2.09	18.25 0.719	37.1 1.46	15 0.59	6	18 0.71	0.4 0.016
2	M 12	53 2.09	18.25 0.719	37.1 1.46	18 0.71	6	18 0.71	0.4 0.016

**Specification**

**Steel** **4** **ST**

- Tempered
- Zinc plated, blue passivated finish

RoHS

**Accessory**

GN 1050.2 Flanges **QVX**

Inserts GN 1050.1, position and attach components without tools using quick release couplings GN 1050 for a tight and repeatable fit. The dimensions and material properties of the studs have been precisely adapted to the couplings to ensure proper functionality.

The studs can be purchased individually so that multiple studs can be paired with a coupling in alternation, such as to efficiently position fixtures in different locations depending on the workpiece. The studs are fastened with threaded stud insert or tapped insert, depending on the type.

To achieve the indicated load capacities, threaded holes on the application or inserted nuts and screws must meet at least property class 8.

Flanges GN 1050.2 are available as an accessory for mounting the inserts and provide additional attachment options.

**see also...** **Page**  
GN 1050 Quick Release Couplings **QVX**

**Technical Information** **Page**  
Application Examples **QVX**

How to order

<b>1</b> Nominal size
<b>2</b> Thread d <sub>2</sub>
<b>3</b> Type
<b>4</b> Material

**GN 1050.1-2-M12- I -ST**

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10