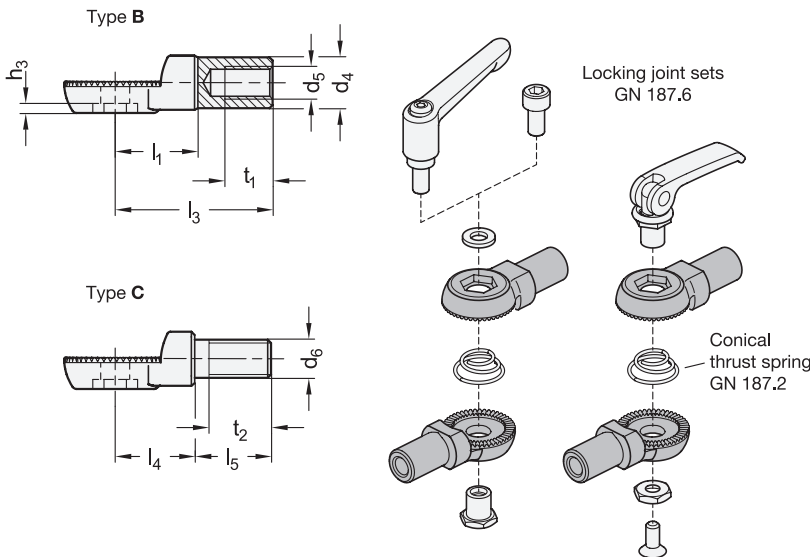


**SS** Stainless Steel

**3** Type

- A** Plain stud (weldable)
- B** Internal tapped stud
- C** Threaded stud
- DH** Fastening flange, horizontal
- E** Plate (weldable)

**Assembly instruction and accessory**



**Specification**

- Stainless steel AISI CF-8
- Precision casting
- Matte shot-blasted finish **NI**
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

**Accessory**

- Locking joint sets GN 187.6 → page 1166
- Serrated locking plates GN 187.4 → page 1160
- Conical thrust springs GN 187.2 → page 1163

**Information**

GN 187.5 serrated locking plates can be installed in combination with GN 187.6 locking joint sets to create locking joints. This allows gear lever handles and retaining tubes or trays and mounts to be adjusted relative to each other at defined angles with a form-fit connection. The angle position of the serration is adapted to the connecting elements, permitting an axis-parallel or right-angled arrangement.

Held together and centered by locking joint sets, the various types can be combined together arbitrarily with identical nominal sizes  $d_1$ . GN 187.2 conical thrust springs can be placed between the locking heads during mounting, allowing a clean separation upon removal. Additional design possibilities arise from the compatibility of the locking heads with the GN 187.4 locking plates.

When welding on, type E can be easily positioned on the opposing part and fastened by means of the mounting holes  $d_8$  (which are aligned with the serration) using dowel pins or positioning pins.

see also...

- *Serrated Locking Plates GN 188* → page 1168

<b>How to order</b>	<b>1</b> Outer diameter $d_1$
	<b>2</b> Number of teeth $z$
	<b>3</b> Type
	<b>4</b> Material

**GN 187.5-32-48-DH-NI**

### Metric table

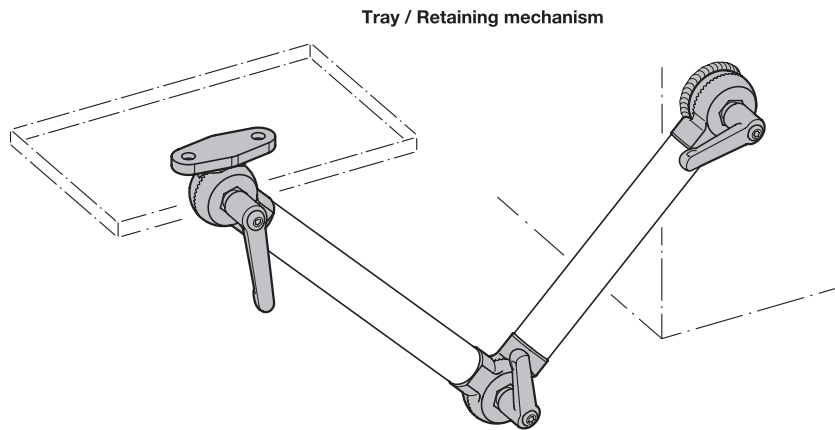
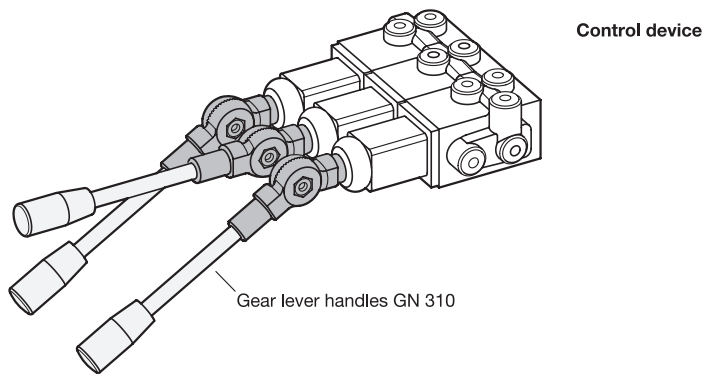
1 2

Dimensions in: millimeters - inches

d <sub>1</sub>	z Number of teeth		b	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub> Thread	d <sub>6</sub> Thread	d <sub>7</sub>	d <sub>8</sub>	h <sub>1</sub> Center of the teeth	h <sub>2</sub> (2 x h <sub>1</sub> )	h <sub>3</sub>	h <sub>4</sub>	h <sub>5</sub>
27 1.06	48	60	46 1.81	9 0.35	18 0.71	13 0.51	M 8	M 10	5.3 0.21	2.5 0.10	8 0.31	16 0.63	3 0.12	20 0.79	1.5 0.06
32 1.26	48	60	54 2.13	9 0.35	21 0.83	16 0.63	M 10	M 12	6.5 0.26	3 0.12	9.5 0.37	19 0.75	3 0.12	22 0.87	2 0.08
40 1.57	48	60	70 2.76	11 0.43	27 1.06	20 0.79	M 12	M 16	8.5 0.33	4 0.16	12 0.47	24 0.94	4 0.16	30 1.18	2.5 0.10

d <sub>1</sub>	k	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	m <sub>1</sub>	m <sub>2</sub>	s <sub>1</sub>	s <sub>2</sub>	t <sub>1</sub>	t <sub>2</sub>	w min. Stroke
27 1.06	5 0.20	21 0.83	20 0.79	40.5 1.59	21 0.83	20 0.79	21 0.83	32 1.26	17 0.67	14 0.55	12 0.47	12 0.47	17 0.67	0.8 0.03
32 1.26	6 0.24	26 1.02	24 0.94	49.5 1.95	25 0.98	24 0.94	25 0.98	38 1.50	20 0.79	17 0.67	12 0.47	15 0.59	20 0.79	0.8 0.03
40 1.57	7 0.28	31.5 1.24	32 1.26	63 2.48	31 1.22	32 1.26	30.5 1.20	48 1.89	24 0.94	22 0.87	14 0.55	18 0.71	26 1.02	1 0.04

### Application examples



3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

