

## Quick Plug Couplings • with radial offset compensation and screwed flange

EH 25100.



### Product Description

Quick plug coupling with radial offset compensation requiring only little space. Suitable for multiple applications, e.g. as a link between a piston rod and a linear-movement unit.

### Material

#### Flange

- Heat-treated steel, tempered, phosphated

#### Coupling part

- Heat-treated steel, tempered, phosphated

#### Lock nut

- Steel, black (ISO 4035/8675)

### Assembly

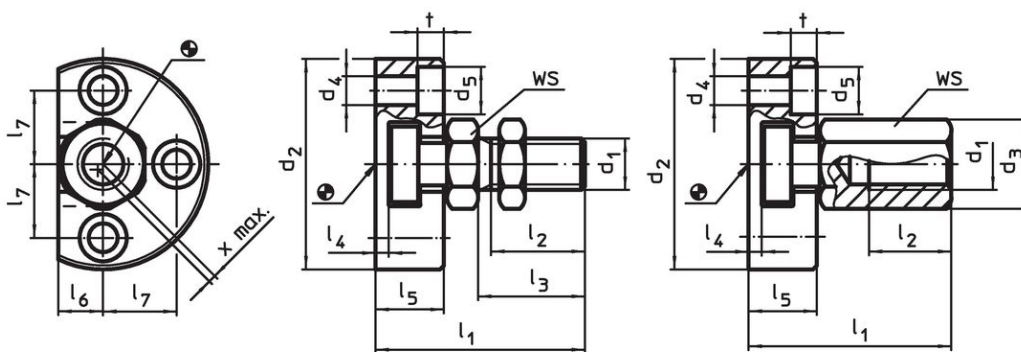
Assembly and disassembly of this simple, solid and two-part coupling is by means of a T-slot; a manual re-adjustment is not necessary. The quick plug coupling can be linked to all commonly used pneumatic and hydraulic lifting cylinders via the connecting thread.

### More information

### Notes

The quick plug coupling does not transmit any torque.

### Drawing



picture 1

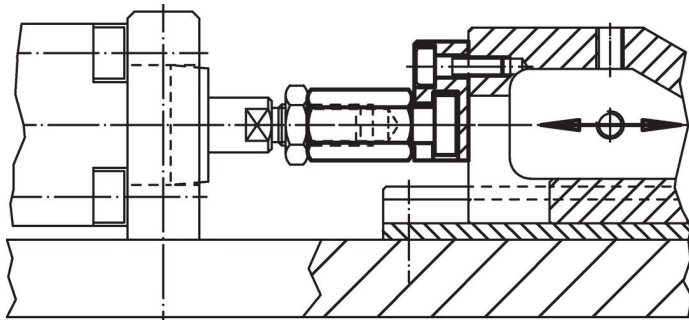
picture 2

### Order information

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	Dimensions							WS	Radial offset compensation x max.	Maximum tensile and compressive load max.	g	Art. No.		
					l <sub>1</sub>	l <sub>2</sub> min.	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub>						t	
[mm]														[mm]	[mm]	[kN]	[g]	
<b>with coupling screw – picture 1</b>																		
M 6	42	–	5.5	10	30.5	11.0	14	3.0	11.0	7.0	14.0	5.4	10	0.6	2.5	75	25100.0206	
M 8	48	–	6.6	11	35.5	13.5	17	3.0	13.0	8.0	16.0	6.4	13	0.7	4.5	118	25100.0208	
M10	50	–	6.6	11	43.2	16.0	20	4.2	16.0	9.0	17.0	6.4	17	0.7	6.5	175	25100.0210	
M12	55	–	6.6	11	53.2	21.0	25	4.2	20.5	10.0	19.0	6.4	19	0.8	10.0	279	25100.0212	
M16	65	–	9.0	15	64.0	25.0	30	5.0	23.0	12.5	22.5	8.5	24	1.0	18.0	455	25100.0216	
M20	80	–	11.0	18	74.0	29.0	35	5.0	26.0	17.0	28.0	10.0	30	1.0	30.0	810	25100.0220	
M10 x 1,25	50	–	6.6	11	43.2	16.0	20	4.2	16.0	9.0	17.0	6.4	17	0.7	6.5	176	25100.0230	
M12 x 1,25	55	–	6.6	11	53.2	21.0	25	4.2	20.5	10.0	19.0	6.4	19	0.8	10.0	280	25100.0232	
M16 x 1,5	65	–	9.0	15	64.0	25.0	30	5.0	23.0	12.5	22.5	8.5	24	1.0	18.0	454	25100.0236	
M20 x 1,5	80	–	11.0	18	74.0	29.0	35	5.0	26.0	17.0	28.0	10.0	30	1.0	30.0	812	25100.0240	
<b>with coupling nut – picture 2</b>																		
M 6	42	11.0	5.5	10	30.5	11.0	–	3.0	11.0	7.0	14.0	5.4	10	0.6	2.5	77	25100.0256	
M 8	48	14.4	6.6	11	35.5	13.5	–	3.0	13.0	8.0	16.0	6.4	13	0.7	4.5	123	25100.0258	
M10	50	19.0	6.6	11	43.2	15.0	–	4.2	16.0	9.0	17.0	6.4	17	0.7	6.5	187	25100.0260	
M12	55	21.2	6.6	11	53.2	17.5	–	4.2	20.5	10.0	19.0	6.4	19	0.8	10.0	295	25100.0262	
M16	65	27.0	9.0	15	64.0	22.0	–	5.0	23.0	12.5	22.5	8.5	24	1.0	18.0	471	25100.0266	
M20	80	34.0	11.0	18	74.0	25.0	–	5.0	26.0	17.0	28.0	10.0	30	1.0	30.0	850	25100.0270	

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	Dimensions							WS	Radial offset compensation x max.	Maximum tensile and compressive load max.	🔩	Art. No.		
					l <sub>1</sub>	l <sub>2</sub> min.	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub>						t	
[mm]														[mm]	[mm]	[kN]	[g]	
<b>M10 x 1,25</b>	50	19.0	6.6	11	43.2	15.0	–	4.2	16.0	9.0	17.0	6.4	17	0.7	6.5	188	<a href="#">25100.0280</a>	
<b>M12 x 1,25</b>	55	21.2	6.6	11	53.2	17.5	–	4.2	20.5	10.0	19.0	6.4	19	0.8	10.0	294	<a href="#">25100.0282</a>	
<b>M16 x 1,5</b>	65	27.0	9.0	15	64.0	22.0	–	5.0	23.0	12.5	22.5	8.5	24	1.0	18.0	471	<a href="#">25100.0286</a>	
<b>M20 x 1,5</b>	80	34.0	11.0	18	74.0	25.0	–	5.0	26.0	17.0	28.0	10.0	30	1.0	30.0	836	<a href="#">25100.0290</a>	

### Application example



### Compliance

#### RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

#### Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 14.06.2023.

#### Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

#### Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.