ÜV Überlastschutz u. Verbindungssysteme GmbH, www.uev-gmbh.de , E-Mail: info@uev-gmbh.de, Phone: 0049 6022/681700

Metal bellows coupling, TYPE 510 - up to 38 Nm

Characteristics:

- **Operational temperature of up to 500°C for a short time, lasting up to 300°C**
- **No backlash**
- **High rotational speeds possible**
- **Maintenance free and non-wearing**
- **Corrosion-resistant stainless performance type available**

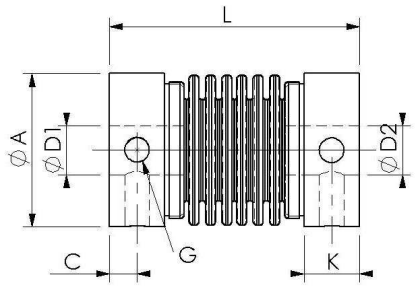
Application:

For installation in

- **Stepped motors**
- **Impulse drives**
- **Measuring systems**
- **Low output drives, etc.**

Simple clamping is obtained by use of the clamping screws (DIN 916). The relationship between the moment of inertia and the torsion rigid is very pleasant, because of the thin metal bellows.

TYPE 510 up to 38 Nm, mounting hub welded



Size	M_N (Nm)	Allowed shaft misalignment in mm (lateral)	Allowed shaft misalignment in mm (axial)	Moment of inertia (app. g cm²)	app. weight (in g)	Spring constant (Torque Nm/rad)	L	A	G (DIN EN 916)	D1/D2	D1/D2 (Standard)	C	K
16	0,7	0,10	0,30	9	30	216	30	16	M4	5…8	6H7	3	8
20	1,9	0,10	0,30	24	45	680	32	20	M4	5…12	6H7	3	8
25	3,7	0,13	0,40	85	100	1320	42	25	M5	6…15	10H7	4,5	12
40.1	9	0,17	0,50	648	295	3350	59	40	M8	10…24	12H7	5,5	15,5
40.2	14,5	0,17	0,50	670	305	5600	59	40	M8	10…24	12H7	5,5	15,5
40.3	19	0,17	0,50	680	307	8800	59	40	M8	10…24	12H7	5,5	15,5
55.1	25	0,17	0,50	2800	735	10400	69	54	M10	15…30	16H7	7	19,5
55.2	38	0,17	0,50	3000	755	17600	69	54	M10	15…30	16H7	7	19,5