

Item description/product images



Description

Material:

Hub aluminium.
Bellows stainless steel.

Version:

Bright.

Note:

Radial clamping of the hub for short mounting times and easy installation even in difficult to reach spaces. Take note of the required clamping screw tightening torque.

Temperature range:

-40 °C to +200 °C

Assembly:

The shaft to hub bore fit should be a transition fit. The play should be min. 0.01 mm and max. 0.04 mm. i.e:

shaft \varnothing 28 k6

bore \varnothing 28 F6.

Bores smaller than D1/D2 min. are possible, however an optimal transfer of the nominal torque is no longer guaranteed.

As the metal bellows are made of thin stainless steel plate, special care should be taken during installation and removal. Damages to the bellows can render the coupling unusable.

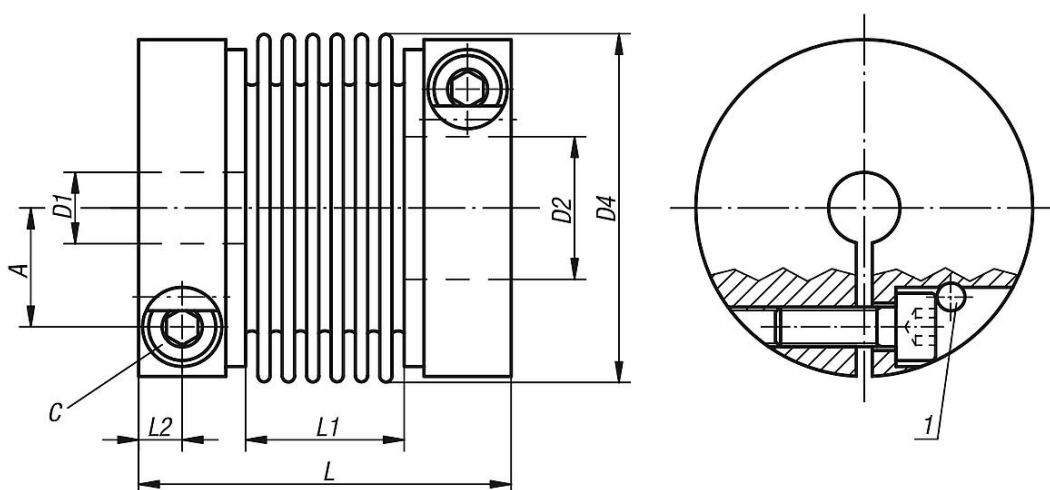
On request:

Hub bores D1 and D2 with separate tolerance class or range.

Drawing reference:

1) EASY clamp system from size 20

Drawings



Overview of items

Order No.	Size	Nominal torque Nm	Moment of inertia (10 ⁻³ kgm ²)	Torsion resistance Nm/arcmin	Max. axial shaft displacement ±	Max. lateral shaft displacement	Axial spring stiffness N/mm	Lateral spring stiffness N/mm	Tightening torque of screws Nm
23000-001	1	1	0,0004	0,09	0,3	0,2	21	26	1
23000-004	4	4	0,003	0,46	0,4	0,2	35	65	2
23000-007	7	7	0,014	1,1	0,6	0,25	45	60	4
23000-012	12	12	0,03	2,05	0,7	0,25	40	70	7
23000-020	20	20	0,14	5,2	0,8	0,25	51	190	14
23000-060	60	60	0,29	8,7	0,9	0,3	49	260	35
23000-170	170	170	0,83	17,5	1	0,3	80	470	65
23000-400	400	400	2,42	47,1	1	0,3	100	640	115
23000-600	600	600	4,7	66,9	1	0,3	100	980	200

Order No.	D1/D2 predrilled	D1/D2 min.	D1/D2 max.	D4	A	C DIN 912-10.9	L	L1	L2
23000-001	3	3	6	16,5	4,6	M2,5	31,5	13,5	3,3
23000-004	4	5	10	24,5	7,5	M3	43,5	17,5	4,4
23000-007	5	6	17	34	11	M4	57	29	5
23000-012	5	6	19	39,5	13	M5	62	29	6
23000-020	7	9	30	56	19	M6	70	30	7,5
23000-060	12	18	34	66	22	M8	77	33	8,5
23000-170	15	22	43	82	28,5	M10	92	40	10,5
23000-400	24	34	55	101	35	M12	106	48	12
23000-600	31	35	70	122	43,5	M14	120	52	13,5