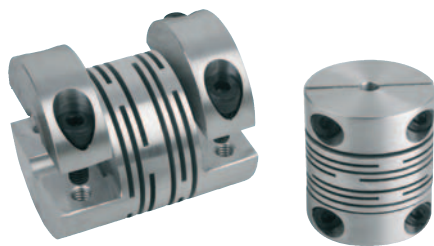


Beam couplings

with removable clamping hub, aluminium



Material:
Aluminium.

Version:
Bright.

Note for ordering:

D1 and D2 are customer specific
e.g. 23012-1025; D1 = 5^{H7}, D2 = 8^{H7}

Note:

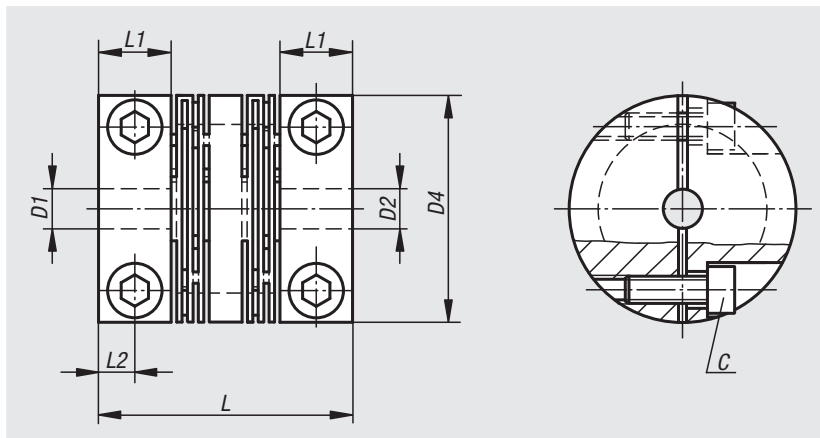
Zero backlash, torsionally rigid, resiliently flexible and maintenance-free full metal coupling for transmitting angle synchronous rotary movement. The innovative slit structure makes possible a very good axial, radial and angular flexibility with low reset force. Ideal for servomotors.

Temperature range:

-50 °C to +150 °C.

Assembly:

Recommended shaft tolerances h7.

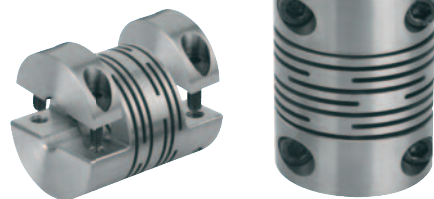


Order No.	Size	Nominal torque Nm	Moment of inertia (10 ⁻³ kgm ²)	Max. axial shaft displacement ±	Max. lateral shaft displacement	Torsion resistance Nm/arcmin	Max. angular shaft displacement	Axial spring stiffness N/mm	Lateral spring stiffness N/mm	Max. rpm
23012-1025	25	7	0,0043	0,3	0,2	1,02	1°	140	437	8000
23012-1030	30	10	0,011	0,4	0,3	1,45	1°	170	363	6000
23012-1040	40	19	0,035	0,4	0,3	3,35	1°	270	379	5000
23012-1050	50	35	0,114	0,5	0,3	10,18	1°	410	853	5000

Order No.	D1/D2 predrilled	D1/D2 min.	D1/D2 max.	D4	L	L1	L2	C (DIN 912-12.9)	Tightening torque of screws Nm
23012-1025	customer specific	4	12	25	28	8	4	M3x10	2
23012-1030	customer specific	6	14	30	40	11	5,5	M4x10	4
23012-1040	customer specific	6	18	40	48	11	5,5	M5x14	9
23012-1050	customer specific	10	26	50	65	19	9,5	M6x16	14

Beam couplings

with removable clamping hub, stainless steel



Material:

Stainless steel 1.4305.

Version:

Bright.

Note for ordering:

D1 and D2 are customer specific
e.g. 23012-2025; D1 = 5^{H7}, D2 = 8^{H7}

Note:

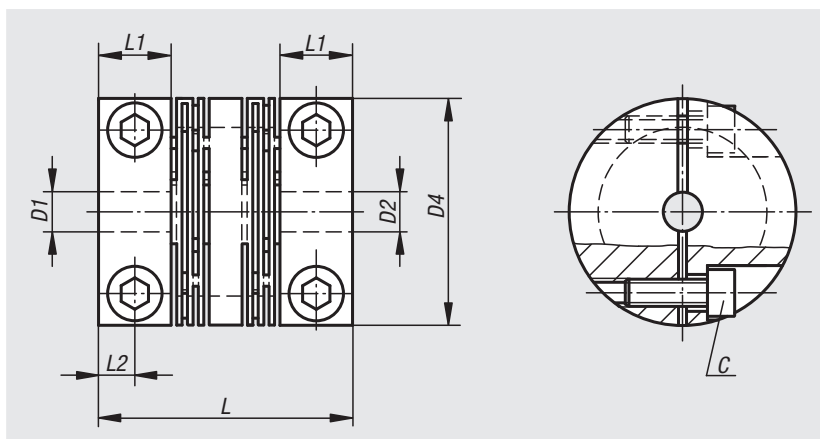
Zero backlash, torsionally rigid, resiliently flexible and maintenance-free full metal coupling for transmitting angle synchronous rotary movement. The innovative slit structure makes possible a very good axial, radial and angular flexibility with low reset force. Ideal for servomotors.

Temperature range:

-50 °C to +150 °C.

Assembly:

Recommended shaft tolerances h7.



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	Max. angular shaft displacement	Axial spring stiffness N/mm	Lateral spring stiffness N/mm	Max. rpm
23012-2025	25	16	0,00784	1,45	0,3	0,2	1°	285	927	8000
23012-2030	30	25	0,022	2,47	0,4	0,3	1°	400	903	6000
23012-2040	40	36	0,09	5,82	0,4	0,3	1°	660	1229	5000
23012-2050	50	73	0,254	16	0,5	0,3	1°	950	1619	5000

Order No.	D1/D2 predrilled	D1/D2 min.	D1/D2 max.	D4	L	L1	L2	C (DIN 912-12.9)	Tightening torque of screws Nm
23012-2025	customer specific	6	12	25	28	8	4	M3x10	2
23012-2030	customer specific	6	14	30	40	11	5,5	M4x10	4
23012-2040	customer specific	6	18	40	48	11	5,5	M5x14	9
23012-2050	customer specific	10	26	50	65	19	9,5	M6x16	14