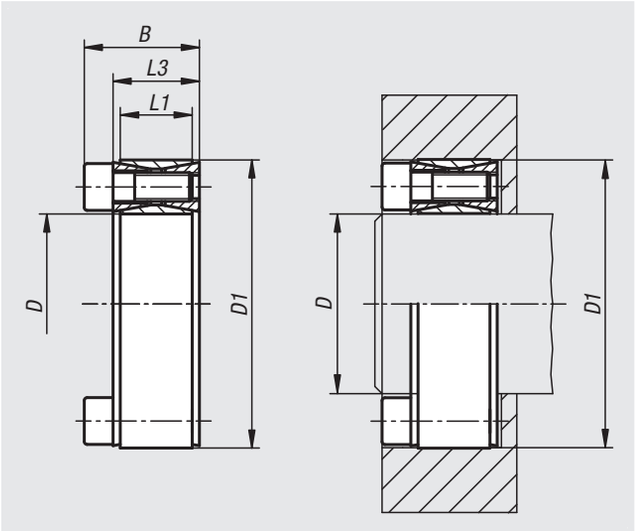
Keyless locking couplings Form G

increased tolerance range



Material:
Steel.

Version:
Bright.

Sample order:
nlm 23360-1947

Note:
Keyless locking coupling with increased tolerance range for shaft and hub. Extremely small design ideal for use when there is lack of space. Self-release when dismantling.

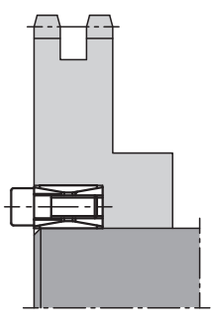
- for shaft diameters from 19 to 85 mm
- for high torques
- no axial offset when mounting
- not self-centring (concentricity of hub to shaft depends on the fit and length of the guide)

Assembly:
Lightly oil keyless locking coupling on the tapered faces and contact points of the shaft and hub. Do not use MoS2 or grease. Insert keyless locking coupling in the hub seat and slide onto shaft. Tighten screws crosswise in several increments to the defined tightening torque.

Dismantling: Remove all screws and screw into the extraction threads of the front flange. Tighten screws crosswise in several steps until the keyless locking coupling loosens.

Tolerances:
Shaft:
Recommended tolerance h11.
Surface quality Rz ≤ 16 µm.

Hub:
Recommended tolerance H11.
Surface quality Rz ≤ 16 µm.



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Order No.	D	D1	B	L1	L3	Max. torque M Nm with tightening torque MS	Max. axial force F kN with tightening torque MS
23360-1947	19	47	27,5	17	20	306	32
23360-2047	20	47	27,5	17	20	321	32
23360-2247	22	47	27,5	17	20	351	32
23360-2450	24	50	27,5	17	20	429	36
23360-2550	25	50	27,5	17	20	446	36
23360-2855	28	55	27,5	17	20	496	35
23360-3055	30	55	27,5	17	20	529	35
23360-3260	32	60	27,5	17	20	749	47
23360-3560	35	60	27,5	17	20	815	47
23360-3865	38	65	27,5	17	20	1101	58
23360-4065	40	65	27,5	17	20	1154	58
23360-4275	42	75	33,5	20	24	1768	84
23360-4575	45	75	33,5	20	24	1886	84
23360-4880	48	80	33,5	20	24	2004	83
23360-5080	50	80	33,5	20	24	2082	83
23360-5585	55	85	33,5	20	24	2656	97
23360-6090	60	90	33,5	20	24	2881	96
23360-6595	65	95	33,5	20	24	3550	109
23360-70110	70	110	39,5	24	28	5432	155
23360-75115	75	115	39,5	24	28	5795	155
23360-80120	80	120	39,5	24	28	6156	154
23360-85125	85	125	39,5	24	28	7447	175

Order No.	Surface pressure on shaft P N/mm²	Surface pressure on hub P N/mm²	No. of screws	Tightening torque MS Nm
23360-1947	265	107	8 x M6	17
23360-2047	251	107	8 x M6	17
23360-2247	227	106	8 x M6	17
23360-2450	232	112	9 x M6	17
23360-2550	223	111	9 x M6	17
23360-2855	197	100	9 x M6	17
23360-3055	183	100	9 x M6	17
23360-3260	228	122	12 x M6	17
23360-3560	208	121	12 x M6	17
23360-3865	238	139	15 x M6	17
23360-4065	225	139	15 x M6	17
23360-4275	266	149	12 x M8	41
23360-4575	247	148	12 x M8	41
23360-4880	231	138	12 x M8	41
23360-5080	221	138	12 x M8	41
23360-5585	233	151	14 x M8	41
23360-6090	212	142	14 x M8	41
23360-6595	223	153	16 x M8	41
23360-70110	245	156	14 x M10	83
23360-75115	228	149	14 x M10	83
23360-80120	213	142	14 x M10	83
23360-85125	228	155	16 x M10	83