

Keyless locking couplings Form B



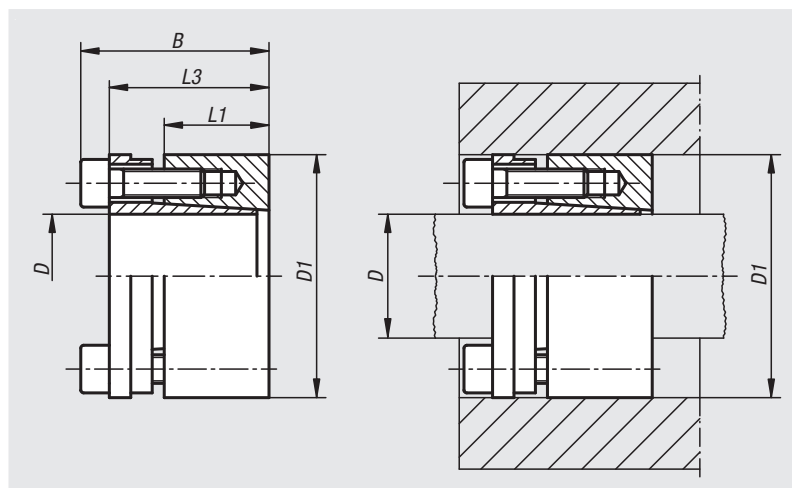
Material:
Steel.

Version:
Bright.

Sample order:
nlm 23351-1947

Note:
The keyless locking coupling can be fully recessed in a hub connection.

- for shaft diameters from 19 to 85 mm
- for high torques
- minimum axial offset possible
- self-centring



Order No.	D	D1	B	L1	L3	Max. torque M Nm with tightening torque MS	Max. axial force F kN with tightening torque MS
23351-1947	19	47	45	26	39	530	56
23351-2047	20	47	45	26	39	550	56
23351-2247	22	47	45	26	39	610	56
23351-2450	24	50	45	26	39	660	56
23351-2550	25	50	45	26	39	690	56
23351-2855	28	55	45	26	39	770	56
23351-3055	30	55	45	26	39	830	56
23351-3260	32	60	45	26	39	1180	74
23351-3560	35	60	45	26	39	1295	74
23351-3865	38	65	45	26	39	1400	74
23351-4065	40	65	45	26	39	1480	74
23351-4275	42	75	55	30	47	2120	101
23351-4575	45	75	55	30	47	2270	101
23351-4880	48	80	55	30	47	3230	135
23351-5080	50	80	55	30	47	3365	135
23351-5585	55	85	55	30	47	3700	135
23351-6090	60	90	55	30	47	4035	135
23351-6595	65	95	55	30	47	4370	135
23351-70110	70	110	67	40	62	7615	218
23351-75115	75	115	72	40	62	8160	218
23351-80120	80	120	72	40	62	8700	218
23351-85125	85	125	72	40	62	11560	272

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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:

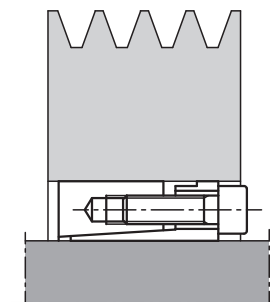
Recommended tolerance h8.

Surface quality $R_z \leq 16 \mu\text{m}$.

Hub:

Recommended tolerance H8.

Surface quality $R_z \leq 16 \mu\text{m}$.



Order No.	Surface pressure on shaft P N/mm ²	Surface pressure on hub P N/mm ²	No. of screws	Tightening torque MS Nm
23351-1947	298	120	6 x M6	17
23351-2047	283	120	6 x M6	17
23351-2247	257	120	6 x M6	17
23351-2450	236	115	6 x M6	17
23351-2550	227	115	6 x M6	17
23351-2855	202	105	6 x M6	17
23351-3055	190	105	6 x M6	17
23351-3260	235	125	8 x M6	17
23351-3560	216	126	8 x M6	17
23351-3865	200	116	8 x M6	17
23351-4065	190	116	8 x M6	17
23351-4275	212	120	6 x M8	41
23351-4575	198	120	6 x M8	41
23351-4880	250	150	8 x M8	41
23351-5080	240	150	8 x M8	41
23351-5585	216	140	8 x M8	41
23351-6090	200	135	8 x M8	41
23351-6595	183	125	8 x M8	41
23351-70110	206	131	8 x M10	83
23351-75115	192	126	8 x M10	83
23351-80120	180	120	8 x M10	83
23351-85125	212	145	10 x M10	83