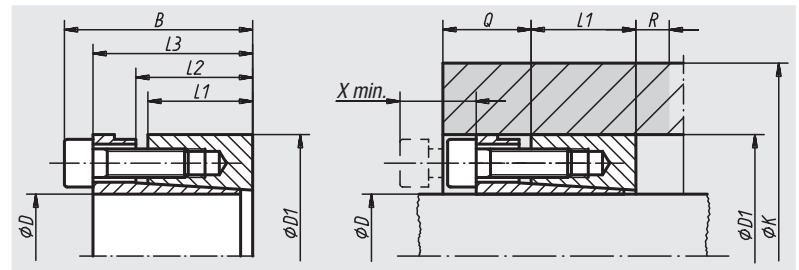


Conical clamping rings, form B

**Material:**

Steel 1.0503

Surface finish:

Natural finish

Sample order:

nlm 23351-3560

Note:

The cone clamping rings 23351 can be fully recessed in a hub connection. The particular advantage of this arrangement is also the transfer of higher torques.

Application: see Technical Information.

The gap X must be maintained if the clamping ring is to be loosened without dismantling the neighbouring component. The specified minimum values for K apply if the hub overhangs are $Q \geq 0.5 (K-D1)$ and $R \geq 0.5 (K-D1)$. If the hub is axially connected immovably to the shaft even before the clamping elements are fitted, the lower values for 23352 apply to M, F, P shaft, P hub and K min.

Order No.	D	D1	B	L1	L2	Torque M Nm transmissible at tightening torque MS	Axial force F kN transmissible at tightening torque MS	Surface pressure on shaft P N/mm ²	Surface pressure on hub P N/mm ²
23351-2047	20	47	48	26	31	445	45	259	110
23351-2550	25	50	48	26	31	557	45	207	104
23351-3055	30	55	48	26	31	668	45	173	94
23351-3560	35	60	48	26	31	1039	59	197	115
23351-4065	40	65	48	26	31	1187	59	173	106
23351-4575	45	75	58	30	36	1873	83	182	109
23351-5080	50	80	58	30	36	2082	83	218	137
23351-6090	60	90	58	30	36	3331	111	182	121

Order No.	Number of clamping screws	Clamping screws tightening torque M in Nm	Elasticity limit Re (N/mm ²) of the hub material K min mm 200 / 250 / 280 / 320 / 400	X min. mm
23351-2047	6 x M6	15	87 / 80 / 77 / 74 / 70	35
23351-2550	6 x M6	15	89 / 83 / 80 / 77 / 73	35
23351-3055	6 x M6	15	93 / 87 / 84 / 81 / 77	35
23351-3560	8 x M6	15	120 / 109 / 104 / 99 / 92	35
23351-4065	8 x M6	15	123 / 113 / 108 / 103 / 96	35
23351-4575	6 x M8	35	128 / 120 / 117 / 113 / 107	40
23351-5080	8 x M8	35	167 / 151 / 145 / 137 / 127	40
23351-6090	8 x M8	35	173 / 159 / 153 / 146 / 136	40