

ES Series



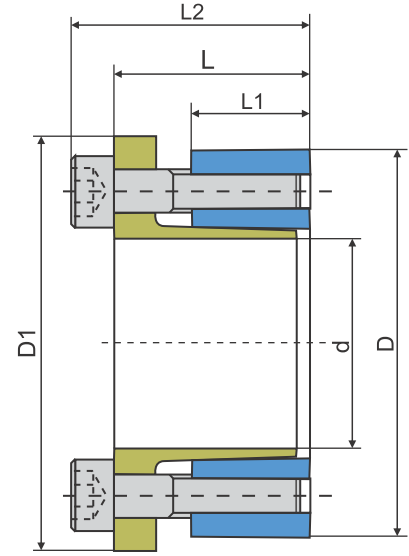
ES Series

- Medium high torque
- Self-centering
- Self-locking
- No axial movement during clamping

Technical qualification

Tolerance : Shaft h8 / Hub H8

Surface roughness : Ra max. 12.5



(Screw head height = Screw diameter)

Part No.	Size (mm)	Dimensions (mm)			Rated Load		Contact Pressure		Locking Screws		Weight (Approx.) (kg)
	dxDxL	L1	L2	D1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	NxType (G. 12.9)	Tightening (N.m)	
OBC-18x47x28 ES	18x47x28	17	34	54	28	270	212	94	5xM6	17	0.30
OBC-19x47x28 ES	19x47x28	17	34	54	28	274	215	93	5xM6	17	0.30
OBC-20x47x28 ES	20x47x28	17	34	54	28	280	218	94	5xM6	17	0.32
OBC-22x47x28 ES	22x47x28	17	34	54	28	300	200	95	5xM6	17	0.32
OBC-24x50x28 ES	24x50x28	17	34	57	28	330	178	89	5xM6	17	0.35
OBC-25x50x28 ES	25x50x28	17	34	57	34	420	210	105	6xM6	17	0.32
OBC-28x55x28 ES	28x55x28	17	34	62	34	480	196	98	6xM6	17	0.37
OBC-30x55x28 ES	30x55x28	17	34	62	35	510	177	96	6xM6	17	0.37
OBC-32x60x28 ES	32x60x28	17	34	67	40	730	222	116	8xM6	17	0.39
OBC-35x60x28 ES	35x60x28	17	34	67	44	770	194	112	8xM6	17	0.39
OBC-38x65x28 ES	38x65x28	17	34	72	45	830	181	103	8xM6	17	0.46
OBC-40x65x28 ES	40x65x28	17	34	72	50	940	182	109	8xM6	17	0.46
OBC-42x75x33 ES	42x75x33	20	41	82	70	1590	234	130	7xM8	41	0.72
OBC-45x75x33 ES	45x75x33	20	41	82	70	1630	213	124	7xM8	41	0.70
OBC-48x80x33 ES	48x80x33	20	41	87	70	1740	198	119	7xM8	41	0.80
OBC-50x80x33 ES	50x80x33	20	41	87	80	1830	195	120	7xM8	41	0.77
OBC-55x85x33 ES	55x85x33	20	41	92	80	2210	192	125	8xM8	41	0.80
OBC-60x90x33 ES	60x90x33	20	41	97	80	2410	178	120	8xM8	41	0.88
OBC-65x95x33 ES	65x95x33	20	41	102	90	3090	192	131	9xM8	41	0.93
OBC-70x110x40 ES	70x110x40	24	50	117	130	4620	208	134	8xM10	83	1.60
OBC-75x115x40 ES	75x115x40	24	50	122	130	4900	191	123	8xM10	83	1.76
OBC-80x120x40 ES	80x120x40	24	50	127	130	5000	176	119	8xM10	83	1.81
OBC-85x125x40 ES	85x125x40	24	50	132	150	6300	195	135	9xM10	83	1.90
OBC-90x130x40 ES	90x130x40	24	50	137	150	6800	187	131	9xM10	83	2.0
OBC-95x135x40 ES	95x135x40	24	50	142	160	7700	191	132	10xM10	83	2.1
OBC-100x145x44 ES	100x145x44	26	56	152	190	9800	202	141	8xM12	145	2.8



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	dxDxL	L1	L2	D1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	NxType (G. 12.9)	Tightening (N.m)	
OBC-110x155x44 ES	110x155x44	26	56	162	200	10200	173	125	8xM12	145	3.2
OBC-120x165x44 ES	120x165x44	26	56	172	220	13300	189	138	9xM12	145	3.4
OBC-130x180x54 ES	130x180x54	34	66	187	280	19000	177	126	12xM12	145	5.1
OBC-140x190x54 ES	140x190x54	34	68	197	290	20000	158	115	9xM14	230	5.4
OBC-150x200x54 ES	150x200x54	34	68	207	340	26000	179	133	10xM14	230	5.6
OBC-160x210x54 ES	160x210x54	34	68	217	370	30000	185	139	11xM14	230	6.0
OBC-170x225x64 ES	170x225x64	44	78	232	380	34000	141	106	12xM14	230	7.9
OBC-180x235x64 ES	180x235x64	44	78	242	400	35000	130	101	12xM14	230	8.8
OBC-190x250x64 ES	190x250x64	44	78	257	480	48000	160	120	15xM14	230	10.0
OBC-200x260x64 ES	200x260x64	44	78	267	500	48000	144	110	15xM14	230	10.5

Inch size and special dimensions available upon request.

