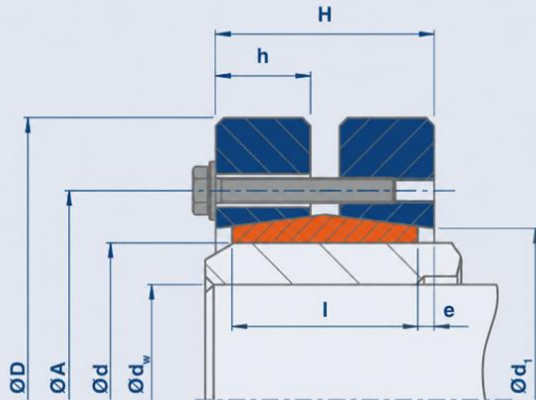


Roughness of all mating surfaces:
 $Ra < 3.2 \mu m$

Information on fits:
 $\varnothing d$: H7/f7
 $\varnothing d_w$: H7/h6 ($\varnothing d_w < 6,3$)
H7/g6 ($\varnothing d_w \geq 6,3$)



Code

M_t Maximum transmissible torque of a shrink disc for $P_{ax} = 0$

P_{ax} Maximum transmissible axial load of a shrink disc for $M_t = 0$

M_a Required tightening torque of the locking bolts (see also "Installation and Removal Instructions")

Dimensions H and e apply to untightened units.

Shrink disc, type SD – 100 series

Type	d in	dw in	M _t ft-lbs	B*	M _a ft-lbs	BCD in	D in	l in	H in	d ₁ in	e in	lb
SD-14-100	0.551	0.375 0.451	22 55	3 x M5x12	3	0.984	1.50	0.394	0.59	0.591	0.098	0.19
SD-16-100	0.630	0.438 0.516	21 58	3 x M5x16	3	1.063	1.61	0.472	0.67	0.669	0.098	0.25
SD-18-100	0.709	0.500 0.580	52 99	4 x M5x16	3	1.142	1.73	0.472	0.67	0.748	0.098	0.29
SD-20-100	0.787	0.500 0.645	55 148	5 x M5x16	3	1.260	1.81	0.472	0.67	0.866	0.098	0.31
SD-24-100	0.945	0.625 0.774	97 215	6 x M5x16	3	1.417	1.97	0.551	0.71	1.024	0.079	0.40
SD-30-100	1.181	0.750 0.967	122 316	7 x M5x18	3	1.732	2.36	0.630	0.79	1.260	0.079	0.64
SD-36-100	1.417	0.875 1.161	319 675	5 x M6x20	9	2.047	2.83	0.709	0.87	1.496	0.079	1.04
SD-44-100	1.732	1.125 1.419	694 1,215	7 x M6x20	9	2.402	3.15	0.787	0.94	1.850	0.079	1.33
SD-50-100	1.969	1.375 1.612	982 1,590	8 x M6x22	9	2.756	3.54	0.866	1.06	2.087	0.098	1.83
SD-55-100	2.165	1.500 1.773	1,032 1,734	8 x M6x25	9	2.953	3.94	0.906	1.14	2.283	0.118	2.39

Type	d in	dw in	M _t ft-lbs	B*	M _a ft-lbs	BCD in	D in	l in	H in	d ₁ in	e in	lb
SD-62-100	2.441	1.750 1.999	1,746 2,412	10 x M6x25	9	3.386	4.33	0.906	1.14	2.598	0.118	2.82
SD-68-100	2.677	1.875 2.193	1,790 2,646	10 x M6x25	9	3.386	4.53	0.906	1.14	2.835	0.118	2.95
SD-75-100	2.953	2.125 2.418	2,808 4,079	7 x M8x25	22	3.937	5.43	0.984	1.22	3.110	0.118	4.98
SD-80-100	3.150	2.375 2.580	3,435 4,351	7 x M8x25	22	3.937	5.71	0.984	1.22	3.307	0.118	5.44
SD-90-100	3.543	2.500 2.902	4,779 7,175	10 x M8x30	22	4.488	6.10	1.181	1.50	3.701	0.157	7.09
SD-100-100	3.937	2.875 3.224	7,098 9,638	12 x M8x35	22	4.882	6.69	1.339	1.69	4.094	0.177	9.54
SD-110-100	4.331	3.125 3.547	8,873 12,421	9 x M10x40	44	5.354	7.28	1.535	1.93	4.488	0.197	12.80
SD-125-100	4.921	3.500 4.031	13,504 19,262	12 x M10x40	44	6.299	8.46	1.654	2.09	5.276	0.217	19.08
SD-140-100	5.512	4.000 4.514	19,544 26,310	10 x M12x45	74	6.890	9.06	1.811	2.28	5.709	0.236	22.81
SD-155-100	6.102	4.500 4.998	27,370 33,868	12 x M12x50	74	7.559	10.35	1.969	2.44	6.496	0.236	33.52
SD-165-100	6.496	4.875 5.320	37,487 46,845	8 x M16x55	184	8.268	11.42	2.205	2.68	6.890	0.236	47.38
SD-175-100	6.890	5.250 5.643	41,348 49,685	8 x M16x55	184	8.661	11.81	2.205	2.68	7.283	0.236	49.41
SD-185-100	7.283	5.625 5.965	56,434 65,556	10 x M16x65	184	9.291	12.99	2.795	3.35	7.677	0.276	78.76
SD-195-100	7.677	5.875 6.288	71,451 84,390	12 x M16x65	184	9.685	13.78	2.795	3.35	8.110	0.276	89.15
SD-200-100	7.874	6.250 6.449	80,170 86,554	12 x M16x65	184	9.685	13.78	2.795	3.35	8.110	0.276	87.06
SD-220-100	8.661	6.375 7.094	91,633 115,673	15 x M16x80	184	10.630	14.57	3.465	4.09	8.898	0.315	115.85
SD-240-100	9.449	7.000 7.739	130,075 161,101	12 x M20x80	361	11.614	15.94	3.622	4.25	9.764	0.315	145.38
SD-260-100	10.236	7.625 8.383	161,469 204,411	14 x M20x90	361	12.638	16.93	4.055	4.69	10.551	0.315	179.60
SD-280-100	11.024	8.375 9.028	209,648 252,319	16 x M20x100	361	13.622	18.11	4.488	5.20	11.339	0.354	225.67

Type	d in	dw in	M _t ft-lbs	B*	M _a ft-lbs	BCD in	D in	l in	H in	d ₁ in	e in	lb
SD-300-100	11.811	9.000 9.673	256,147 305,461	18 x M20x100	361	14.331	19.09	4.803	5.51	12.126	0.354	263.13
SD-320-100	12.598	9.625 10.318	309,145 358,190	20 x M20x100	361	15.197	20.47	4.803	5.51	12.913	0.354	304.52
SD-340-100	13.386	10.250 10.963	389,660 459,821	24 x M20x110	361	16.063	22.44	5.354	6.14	13.701	0.394	422.99
SD-350-100	13.780	10.875 11.285	430,793 472,106	24 x M20x110	361	17.008	22.83	5.512	6.30	14.488	0.394	444.81
SD-360-100	14.173	11.250 11.608	449,436 485,595	24 x M20x110	361	17.008	23.23	5.512	6.30	14.488	0.394	454.79
SD-380-100	14.961	11.500 12.253	534,665 622,638	20 x M24x120	620	18.031	25.39	5.669	6.46	15.276	0.394	581.05

Further sizes on request, subject to technical changes.

*Locking bolts: DIN EN ISO 4014/4017 grade 10.9 as standard, alternatively DIN EN ISO 4762 grade 10.9

When ordering please state: (Type x Ød), e.g. SD-14-100x0.551