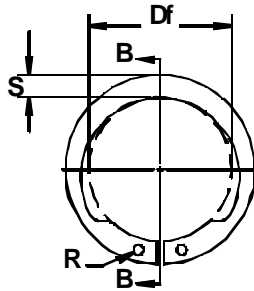
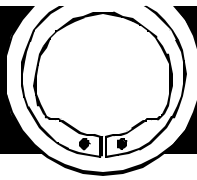
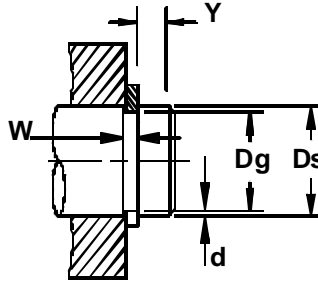
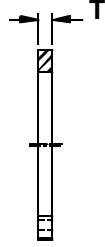




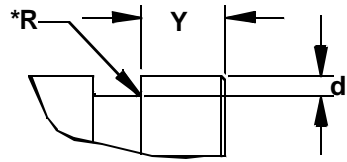
DSI-External Metric Retaining Ring



Free Diameter & Ring Measurements
With Section B-B



Shaft Diameter &
Groove Dimensions



*The radius "R" on the load side must not exceed 0.1T.

RING NO.	SHAFT		GROOVE SIZE				RING SIZE & WEIGHT						SUPPLEMENTARY DATA														
	DIAMETER		WIDTH	DEPTH	THICKNESS		FREE DIAMETER		MAX. SEC.	HOLE DIA.	WEIGHT	EDGE MARGIN	THRUST LOAD Rng	THRUST LOAD Groove	Allowable Rad/Cham.	Max. Load R/Ch	RPM Limits										
	Ds	Dg			Tol.	T	Td.	Df										Tol.	S	Tol.	R Min.	Kg/100	Y Min.	Pr kN	Pg kN	R/Ch Max.	P'r kN
DSI-12	12	115	-0.11	1.10	0.25	1.00	11.00	+0.10	0.36	2.1	1.3	0.50	0.7	45	0.70	1.0	2.4	79000									
DSI-13	13	124		1.10	0.30	1.00	11.90												2.1	1.3	0.56	0.9	55	0.90	1.0	2.4	64000
DSI-14	14	134		1.10	0.30	1.00	12.90												2.1	1.3	0.58	0.9	60	0.97	1.0	2.4	56000
DSI-15	15	143	-0.11	1.10	0.35	1.00	13.80	0.36	2.2	1.3	0.66	1.0	65	1.22	1.0	2.4	50000										
DSI-16	16	152		1.10	0.40	1.00	14.70											2.3	1.3	0.72	1.2	70	1.48	1.0	2.5	45000	
DSI-17	17	162		1.10	0.40	1.00	15.70											2.4	1.3	0.81	1.2	81	1.57	1.0	2.6	41000	
DSI-18	18	170	-0.15	1.30	0.50	1.20	16.50	0.42	2.6	1.5	1.14	1.5	148	2.07	1.5	3.2	39000										
DSI-20	20	190		1.30	0.50	1.20	18.50											2.8	1.5	1.43	1.5	146	2.30	1.5	3.1	32000	
DSI-21	21	200		1.30	0.50	1.20	19.35											+0.13	2.8	1.5	1.53	1.5	144	2.42	1.5	3.1	29000
DSI-22	22	210	-0.15	1.30	0.50	1.20	20.50	0.42	3.0	1.5	1.63	1.5	142	2.53	1.5	3.1	27000										
DSI-23	23	220		1.30	0.50	1.20	21.50											3.1	±0.1	1.5	1.78	1.5	140	2.66	1.5	3.1	25000
DSI-24	24	229		1.30	0.55	1.20	22.20											3.2	1.5	1.90	1.6	140	3.03	1.5	3.1	27000	
DSI-25	25	239	-0.21	1.30	0.55	1.20	23.20	0.42	3.4	1.5	2.10	1.6	141	3.18	1.5	3.2	25000										
DSI-26	26	249		1.30	0.55	1.20	24.20											+0.21	3.5	1.5	2.18	1.6	141	3.30	1.5	3.2	25000
DSI-28	28	266		1.60	0.70	1.50	25.90											3.8	2.0	3.18	2.1	280	4.50	1.5	6.4	22000	
DSI-30	30	286	-0.25	1.60	0.70	1.50	27.90	0.50	4.0	2.0	3.58	2.1	275	4.86	1.5	6.3	19000										
DSI-32	32	303		1.60	0.85	1.50	29.60											4.0	2.0	3.88	2.5	270	6.25	2.0	4.7	17000	
DSI-34	34	323		1.60	0.85	1.50	31.50											+0.25	3.5	2.0	3.60	2.5	266	6.67	2.0	4.6	15000
DSI-35	35	330	-0.25	1.60	1.00	1.50	32.20	0.50	4.2	2.0	4.53	3.0	266	8.00	2.0	4.6	16000										
DSI-38	38	358		1.85	1.10	1.75	34.50											4.5	2.0	5.50	3.3	420	10.60	2.0	7.8	15000	
DSI-40	40	375		1.85	1.25	1.75	36.50											4.7	2.0	6.49	3.8	420	12.60	2.0	7.8	15000	
DSI-42	42	395	-0.25	1.85	1.25	1.75	38.50	0.39	4.7	2.0	6.51	3.8	420	13.30	2.0	7.8	13000										
DSI-45	45	425		1.85	1.25	1.75	41.50											4.7	2.0	7.80	3.8	415	14.30	2.0	7.8	11000	
DSI-47	47	445		1.85	1.25	1.75	43.50											5.0	2.0	8.09	3.8	410	15.00	2.0	7.8	10000	
DSI-48	48	455	-0.25	1.85	1.25	1.75	44.50	0.90	5.2	±0.2	2.0	8.48	3.8	410	15.80	2.0	7.8	10000									
DSI-50	50	470		2.15	1.50	2.00	45.80												5.2	2.5	9.84	4.5	580	19.20	2.0	11.6	10000
DSI-55	55	520		2.15	1.50	2.00	50.80												5.8	2.5	11.42	4.5	580	21.00	2.5	9.3	9000
DSI-58	58	550	-0.30	2.15	1.50	2.00	53.80	0.46	5.8	2.5	13.00	4.5	560	22.20	2.5	9.2	8000										
DSI-60	60	570		2.15	1.50	2.00	55.80											5.8	2.5	13.80	4.5	555	23.00	2.5	9.1	7000	
DSI-65	65	620		2.65	1.50	2.50	60.80											6.0	2.5	20.75	4.5	1040	24.80	2.5	1.76	6000	
DSI-70	70	670	-0.30	2.65	1.50	2.50	65.50	-1.10	6.5	2.5	23.70	4.5	1030	27.00	2.5	1.76	6000										
DSI-72	72	690		2.65	1.50	2.50	67.50											6.5	2.5	24.70	4.5	1040	27.70	2.5	1.80	6000	
DSI-75	75	720		2.65	1.50	2.50	70.50											6.5	2.5	27.50	4.5	1000	29.20	2.5	1.77	5000	
DSI-80	80	765	-0.35	2.65	1.75	2.50	74.50	-0.54	7.4	±0.3	2.5	28.90	5.3	960	36.60	3.0	1.46	6000									
DSI-82	82	785		2.65	1.75	2.50	76.50												7.0	2.5	29.65	5.3	1000	37.40	3.0	1.54	5000
DSI-85	85	815		3.15	1.75	3.00	79.50												7.4	3.0	39.50	5.3	1670	38.30	3.0	2.56	5000
DSI-87	87	835	-0.35	3.15	1.75	3.00	81.50	-0.08	7.4	3.0	40.00	5.3	1640	39.20	3.0	2.55	5000										
DSI-90	90	865		3.15	1.75	3.00	84.50											7.4	3.0	41.92	5.3	1570	41.70	3.0	2.48	4000	
DSI-95	95	915		3.15	1.75	3.00	89.50											-1.30	8.0	3.0	47.70	5.3	1520	42.70	3.5	2.10	4000
DSI-100	100	965	3.15	1.75	3.00	94.50	8.0	3.0	49.92	5.3	1440	45.80	3.5	2.05	4000												