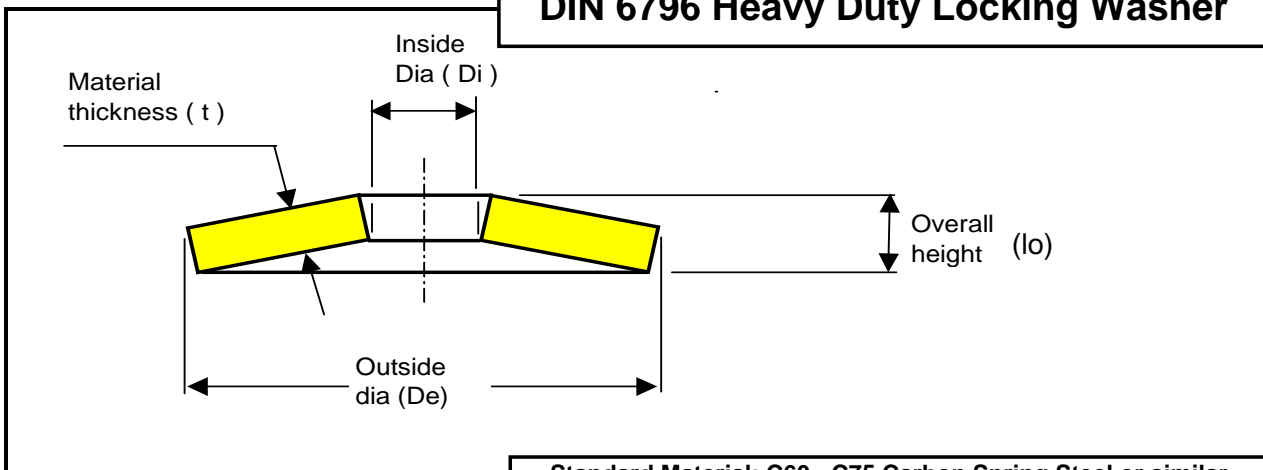


DIN 6796 Heavy Duty Locking Washer



Standard Material: C60 - C75 Carbon Spring Steel or similar

Part number	Outside Dia (De)	Inside Dia (Di)	Thickness (t)	Overall Height (lo)	Approximate Force to flat	Weight per 1,000 pcs	Bolt Size
HD52204	5.0	2.2	0.40	0.60	628	0.05	2.0
HD62705	6.0	2.7	0.50	0.72	946	0.09	2.5
HD73206	7.0	3.2	0.60	0.85	1,320	0.14	3.0
HD83708	8.0	3.7	0.80	1.06	2,410	0.25	3.5
HD9431	9.0	4.3	1.00	1.30	3,770	0.38	4.0
HD115312	11.0	5.3	1.20	1.55	5,480	0.69	5.0
HD146415	14.0	6.4	1.50	2.00	8,590	1.43	6.0
HD1774175	17.0	7.4	1.75	2.30	11,300	2.53	7.0
HD18842	18.0	8.4	2.00	2.60	14,900	3.13	8.0
HD2310525	23.0	10.5	2.50	3.20	22,100	6.45	10.0
HD29133	29.0	13.0	3.0	3.95	34,100	12.4	12.0
HD351535	35.0	15.0	3.5	4.65	46,000	21.6	14.0
HD39174	39.0	17.0	4.0	5.25	59,700	30.4	16.0
HD421945	42.0	19.0	4.5	5.8	74,400	38.9	18.0
HD45215	45.0	21.0	5.0	6.4	93,200	48.8	20.0
HD492355	49.0	23.0	5.5	7.05	113,700	63.5	22.0
HD56256	56.0	25.0	6.0	7.75	131,000	92.9	24.0
HD602865	60.0	28.0	6.5	8.35	154,000	113	27.0
HD70317	70.0	31.0	7.0	9.2	172,000	170	30.0

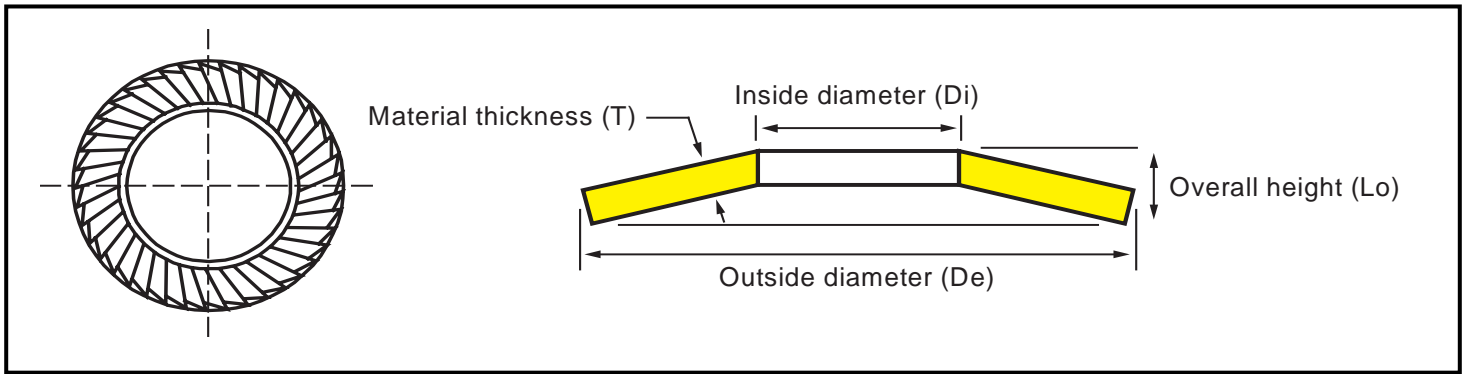
Standard finish is self finish

Alternatives: Phosphate and oil,

Mechanical zinc plate

Deltatone

SERRATED SAFETY WASHERS



Using the same concept of the Disc Spring, the Serrated Safety Washer has the special feature of radial serrations on both surfaces.

When tightened to near capacity these serrations bite into the mating surfaces, thus preventing the loosening of the screw due to vibration and other similar circumstances.

Serrated Safety Washers offer a reduction in the outside dia thus corresponding with most screw head sizes, particularly hexagonal socket type screws.

"S" TYPE - LIGHT DUTY							
Code no:	Screw size mm	O/Dia De	I/Dia Di	Thk T	Overall height Lo	Screw size inch	
SSW3217035	1.6	3.2	1.7	0.35	0.6		
SSW422035	2	4	2.2	0.35	0.6		
SSW4527045	2.5	4.8	2.7	0.45	0.9		
SSW5532045	3	5.5	3.2	0.45	0.9	1/8"	
SSW637045	3.5	6	3.7	0.45	0.9		
SSW74305	4	7	4.3	0.5	1	5/32"	
SSW95306	5	9	5.3	0.6	1.1	3/16"	
SSW106407	6	10	6.4	0.7	1.2		
SSW956707	6.35	9.5	6.7	0.7	1.2	1/4"	
SSW127407	7	12	7.4	0.7	1.3		
SSW138408	8	13	8.4	0.8	1.4	5/16"	
SSW161051	10	16	10.5	1	1.6	3/8"	
SSW1591161	11.1	15.9	11.6	1	1.6	7/16"	
SSW181311	12	18	13	1.1	1.7		
SSW1913711	12.7	19	13.7	1.1	1.8	1/2"	
SSW2215123	14	22	15	1.2	2		
SSW241713	16	24	17	1.3	2.1	5/8"	
SSW271915	18	27	19	1.5	2.3		
SSW302015	19	30	20	1.5	2.4	3/4"	
SSW302115	20	30	21	1.5	2.4		
SSW332315	22	33	23	1.5	2.5	7/8"	
SSW3625618	24	36	25.6	1.8	2.7		
SSW38272	25.4	38	27	2	2.8	1"	
SSW392862	27	39	28.6	2	2.9		
SSW453162	30	45	31.6	2	3.2	1.1/8"	
SSW543825	36	54	38	2.5	4		

"VS" TYPE - MEDIUM DUTY							
Code no:	Screw size mm	O/Dia De	I/Dia Di	Thk T	Overall height Lo	Screw size inch	
SSW9531M	5	9	5.3	1	1.3	3/16"	
SSW10641M	6	10	6.4	1	1.4		
SSW138412M	8	13	8.4	1.2	1.7	5/16"	
SSW1610515M	10	16	10.5	1.5	2	3/8"	
SSW181315	12	18	13	1.5	2.1		
SSW221515M	14	22	15	1.5	2.2		
SSW24172	16	24	17	2	2.6	5/8"	
SSW27192	18	27	19	2	2.7		
SSW30212	20	30	21	2	2.8		
SSW33232M	22	33	23	2	2.9	7/8"	
SSW3625625	24	36	25.6	2.5	3.3		
SSW3925625	27	39	28.6	2.5	3.4		
SSW4531625	30	45	31.6	2.5	3.6	1.1/8"	

Material: Carbon Spring Steel
 Finish: Black & Oil
 Zinc plated parts available on request

Note! Overall height dimension "Lo" is height in delivered condition before use. Upon compression setting may take place and therefore reduce the height.