

Heavy Duty Locking Washers DIN6796 重载螺栓连接垫圈DIN6796



Product introduction

German standard DIN6796 dish washer also known as “conical elastic washer”, “dish spring washer”, “bowl washer”, the shape is like a dish spring, when the washer is flattened, its load is 70-90% of the bolt load, Suitable for high-strength bolts of grade 8.8-12.9 The dish washer is used to compensate the formation of settlement in the screw connection and prevent the connection from loosening. It has a compensation effect on the wear, creep, thermal expansion, shrinkage of the consumables and the compression of the seals. DIN6796 disk washers are similar to NFE 25510 disk washers. DIN6908 disk washers for assemblies, and DIN2093 (corresponding to GB/T 1972) disk springs.

Features

- High axial load
- High fatigue life
- High load drop (caused by temperature difference) compensation
- Effectively reduce the negative effects of dynamic loads and prevent locking
- High elasticity, uniform load concentration and high safety

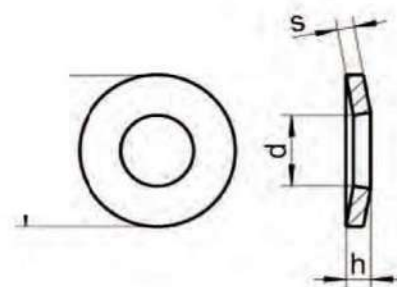
Product application:

Heavy Duty Locking Washer DIN6796 is widely used in electronic appliances, electrical Equipment, elevators, communications, rolling stock assembly, medical machinery and special equipment





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size	d/mm	d2/mm	s/mm	h/mm	f/n	Kg/1000Mpcs
M2	2.2	5	0.40	0.50-0.60	630	0.05
M2.5	2.7	6	0.50	0.60-0.72	950	0.09
M3	3.2	7	0.60	0.70-0.85	1320	0.14
M3.5	3.7	8	0.80	0.90-1.06	2400	0.25
M4	4.3	9	1.0	1.10-1.30	3800	0.38
M5	5.3	11	1.20	1.30-1.55	5500	0.68
M6	6.4	14	1.50	1.7-2.00	8600	1.42
M7	7.4	17	1.75	2.00-2.30	11300	2.51
M8	8.4	18	2.00	2.20-2.60	14900	3.10
M10	10.5	23	2.50	2.80-3.20	22100	5.13
M12	13.0	29	3.00	3.40-3.95	34100	12.35
M14	15.0	35	3.50	4.00-4.65	46000	21.44
M16	17.0	39	4.00	4.60-5.25	59700	30.19
M18	19.0	42	4.50	5.10-5.80	74400	38.68
M20	21.0	45	5.00	5.60-6.40	93200	48.52
M22	23.0	49	5.50	6.10-7.05	114000	63.07
M24	25.0	56	6.00	6.80-7.75	131000	92.30
M27	28.0	60	6.50	7.30-8.35	154000	112.13
M30	31.0	70	7.00	8.00-9.20	172000	168.92
M33	34	76	7.50	8.50-10.00	226000	213.52
M36	37.2	83	8.00	9.20-10.50	276000	271.39
M42	43.5	96	8.50	10.50-12.00	290000	383.61
M48	49.6	110	9.00	11.00-12.50	261000	535.18
M58	58	128	9.50	12.00-13.50	260000	762.21
M64	66	136	10.00	12.80-14.00	277000	871.34
M72	74	145	10.50	13.00-15.00	327000	1006.08
M90	92.5	160	11.00	14.00-16.00	378000	1155.31
M100	102.5	180	11.50	15.00-17.00	370000	1551.52
M125	128	220	12.00	16.50-19.00	365000	2367.49

Note: Product design hardness is 420-510 HV10;

Spring steel S60C / 60Si2MnA / 50CrVA

surface treatment blackened / blued / mechanical galvanized / dacromet / jumet etc.

Stainless steel SUS301 / 304 / 316,1 7-7PH hardened polished natura color treatment;

