

Disc-Lock™ Washer - Data Sheet

Introduction

Disc-Lock™ washers are supplied as glued pairs with Delta Protekt anti-corrosion coating; individual washers of the combined pair have cams on one side and radial teeth on the other side.

The cam sides are mated together with a mild adhesive leaving the radial teeth on both outer surfaces.

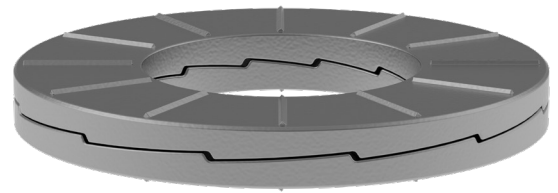
The number of mating cams on each pair of washers are fewer and are longer than a similar TEC series washer and only need to be case hardened.

Disc-Lock™ locking washers are designed for applications with permanent joints and where fasteners do not need to be removed.

When a standard bolting assembly is subjected to vibration and/or shock the bolt or nut rotates, the assembly loosens and clamp load is lost.

Where Disc-Lock™ Locking washers are fitted and the bolt/nut attempts to turn, the interlocking cams between the components have to rise against each other however this movement results in more preload in the bolt.

Mechanically one action cancels out the other therefore clamp load is maintained and the assurance of the bolting assembly is protected.



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Products

Disc-Lock™ washers are available in the following sizes and dimensions.

1010 carbon steel washers M6 to M38
Case hardened
Delta Protekt coating

316L stainless steel washers M6 to M38

Size	A	B	C
M6	6.7	3.2	12.6
M8	8.3	3.6	16.0
M10	10.4	4.0	18.0
M12	13.0	4.2	23.8
M14	14.5	3.2	28.7
M16	16.5	4.8	31.7
M20	20.8	6.2	35.1
M22	22.5	6.8	37.3
M24	25.8	6.5	41.3
M27	29.0	6.1	43.6
M30	32.3	6.7	47.7
M36	36.3	5.8	55.8
M38	38.7	5.8	55.8

