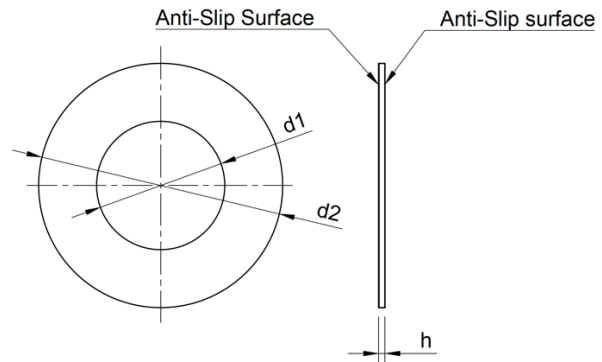


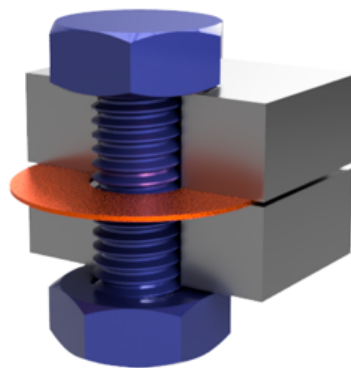
TRD Anti-Slip Disc™ (ASD)

Prevent slipping of bolted parts that are under shear load and neutralize bolt loosening.

Anti-slip surface	Both flat sides
Surface hardness	1900 +/- 100 HV
Base material	Steel
Typical COF	0.8 +/- 5% *
Suitable bolting applications	Steel Stainless steel Aluminium Plastics Composites



*The coefficient of friction (COF) depends on applied clamping pressure. For steel, COF is > 0.8 for clamping pressures of 5 MPa to 250 MPa. Contact for further information.



Correct assembly of ASD

ASD - Standard

(d1, d2 according to DIN 125a)

CATALOG NUMBER	d1 min. [mm]	d1 max. [mm]	d2 min. [mm]	d2 max [mm]	h [mm]	Eq. Metric bolt
ASD-03a	3,2	3,38	6,64	7,0	0,5	M3
ASD-04a	4,3	4,48	8,64	9,0	0,5	M4
ASD-05a	5,3	5,48	9,64	10,0	0,5	M5
ASD-06a	6,4	6,62	11,57	12,0	0,5	M6
ASD-07a	7,4	7,62	13,57	14,0	0,5	M7
ASD-08a	8,4	8,62	15,57	16,0	0,5	M8
ASD-10a	10,5	10,77	19,48	20,0	0,5	M10
ASD-12a	13,0	13,27	23,48	24,0	0,5	M12
ASD-14a	15,0	15,27	27,48	28,0	0,5	M14
ASD-16a	17,0	17,27	29,48	30,0	0,5	M16
ASD-18a	19,0	19,33	33,38	34,0	0,5	M18
ASD-20a	21,0	21,33	36,38	37,0	0,5	M20
ASD-22a	23,0	23,33	38,38	39,0	0,5	M22
ASD-24a	25,0	25,33	43,38	44,0	0,5	M24
ASD-26a	27,0	27,33	49,38	50,0	0,5	M26
ASD-27a	28,0	28,33	49,38	50,0	0,5	M27
ASD-28a	29,0	29,33	49,38	50,0	0,5	M28
ASD-30a	31,0	31,39	55,26	56,0	0,5	M30
ASD-32a	33,0	33,62	58,8	60,0	0,5	M32

Other dimensions, shapes and thicknesses on request.

See our General Terms and Conditions.