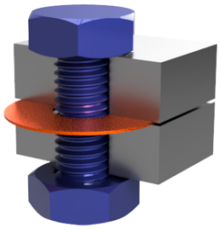
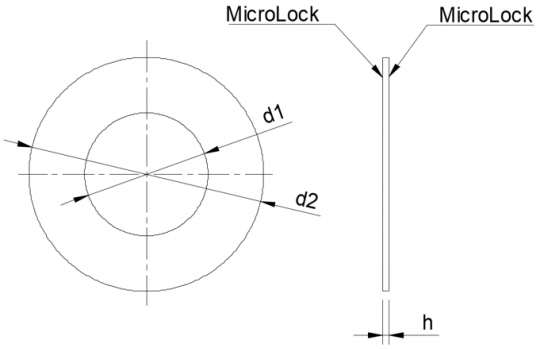
TRD MicroLock™ Disc

Micromechanical interlocking and increased shear strength of bolted connections.



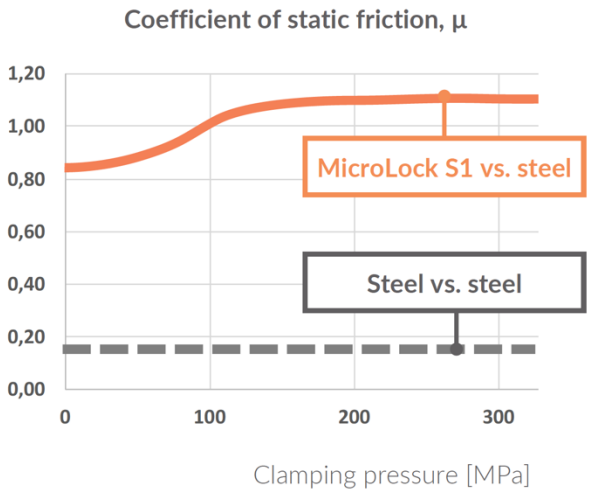
MicroLock surfaces	Both sides
Coefficient of static friction, μ	Typical 1.0 +/- 5% *
Surface hardness	1900 +/- 100 HV
Base material	Steel and stainless steel

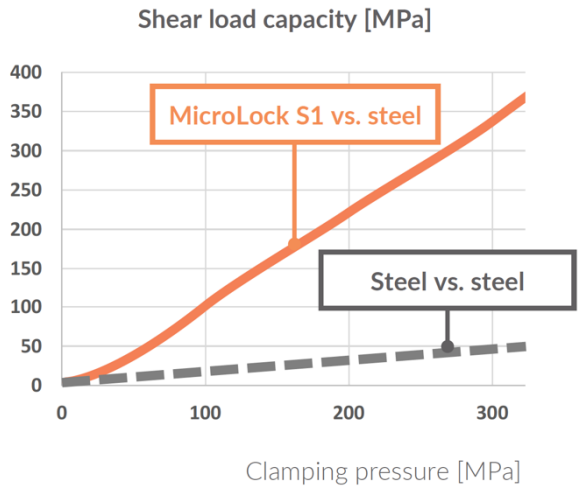


*Coefficient of static friction (μ) depends on applied clamping pressure and counterpart materials. See example below.

We offer the following MicroLock technologies:

MicroLock S1	Counterpart hardness > 140 HB (Steel, cast iron, QT steel etc.)
MicroLock S2	Counterpart hardness < 140 HB (Aluminium, composites, polymers)





For data on specific counterparts alloys, please contact our technical department.

TRD Surfaces ApS, Skovlytoften 26A, 2840 Holte, Denmark
info@trdsurfaces.dk
+45 30 62 35 55

TRD MicroLock™ Disc - Sizes

Diameter d1 and d2 according to ISO 887, normal, product grade C.

Metric bolt size	d1 [mm]	d2 [mm]	Tolerance d [mm]	Height h [mm]
M2.5	2.9	7	+/- 0.1	0.25 , 0.5 , 1.0
M3	3.4	7	+/- 0.1	0.25 , 0.5 , 1.0
M4	4.5	9	+/- 0.1	0.25 , 0.5 , 1.0
M5	5.5	10	+/- 0.1	0.25 , 0.5 , 1.0
M6	6.6	12	+/- 0.1	0.25 , 0.5 , 1.0
M7	7.6	14	+/- 0.1	0.25 , 0.5 , 1.0
M8	9	16	+/- 0.1	0.25 , 0.5 , 1.0
M10	11	20	+/- 0.1	0.25 , 0.5 , 1.0
M12	13.5	24	+/- 0.1	0.25 , 0.5 , 1.0
M14	15.5	28	+/- 0.1	0.25 , 0.5 , 1.0
M16	17.5	30	+/- 0.1	0.25 , 0.5 , 1.0
M18	20	34	+/- 0.1	0.25 , 0.5 , 1.0
M20	22	37	+/- 0.1	0.25 , 0.5 , 1.0
M22	24	39	+/- 0.1	0.25 , 0.5 , 1.0
M24	26	44	+/- 0.1	0.25 , 0.5 , 1.0
M27	30	50	+/- 0.1	0.25 , 0.5 , 1.0
M30	33	56	+/- 0.1	0.25 , 0.5 , 1.0
M33	36	60	+/- 0.1	0.25 , 0.5 , 1.0
M36	39	66	+/- 0.1	0.25 , 0.5 , 1.0
M42	45	78	+/- 0.1	0.25 , 0.5 , 1.0
M45	48	85	+/- 0.1	0.25 , 0.5 , 1.0
M48	52	92	+/- 0,1	0.25 , 0.5 , 1.0
M52	56	98	+/- 0.1	0.25 , 0.5 , 1.0
M56	62	105	+/- 0.1	0.25 , 0.5 , 1.0
M60	66	110	+/- 0.1	0.25 , 0.5 , 1.0
M64	70	115	+/- 0.1	0.25 , 0.5 , 1.0
M68	74	120	+/- 0.1	0.25 , 0.5 , 1.0
Custom size & shape	Ready at your service – just send your request and requirements			

Height tolerance according to your specifications.
Typical delivery time: 3 to 5 weeks, faster can be arranged.

TRD Surfaces ApS, Skovlytoften 26A, 2840 Holte, Denmark
info@trdsurfaces.dk
+45 30 62 35 55