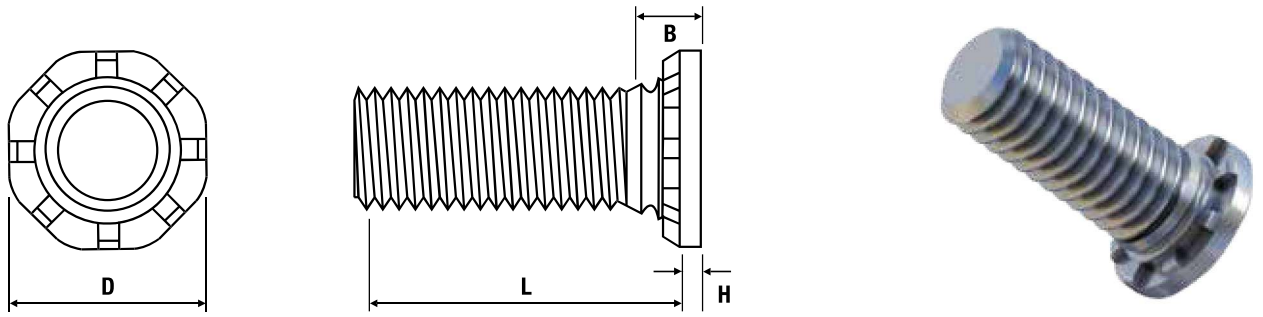


# Heavy Duty Stud TR-HFH/TR-HFHS



## Metric Dimensions

Zinc Plated Steel: TR-HFH | Stainless Steel: TR-HFHS

Thread	M5	M6	M8	M10
D ±0.25	7.8	9.4	12.5	15.7
B max.	2.7	2.8	3.5	4.1
H max.	1.14	1.27	1.78	2.29
Min. sheet thickness	1.3	1.5	2.0	2.3
Recommended hole size +0.13	5.0	6.0	8.0	10.0
Min. distance to edge of sheet	10.7	11.5	12.7	13.7

Length (L) ±0.4	10	12	15	16	18	20	25	30	35	40	50

## Metric Performance Data

Thread		M5	M6	M8	M10	
Test sheet material		Steel				
Installation (kN)	TR-HFH	27	34	45	55	
	TR-HFHS	22.5	25	38	47	
Push-out (N)	TR-HFH	1550	1780	2210	3475	
	TR-HFHS	1505	1780	2200	3500	
Torque-out (Nm)	TR-HFH	7.7	14.5	30.1	49.5	
	TR-HFHS	6.5	11.5	21	36.5	

TR-HFH - Recommended for use in sheet hardness: HRB 85 or less

TR-HFHS - Recommended for use in sheet hardness: HRB 70 or less

