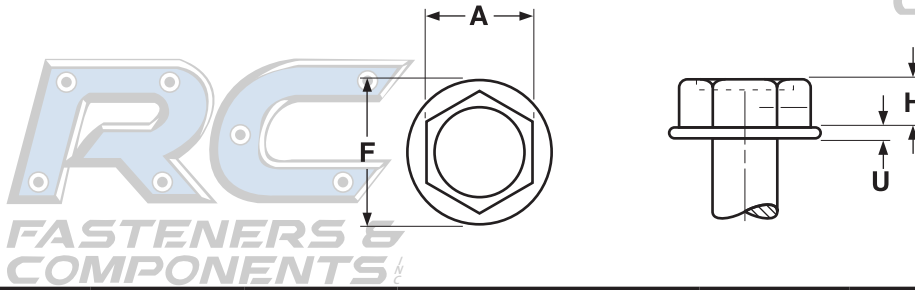


THREAD FORMING SCREWS

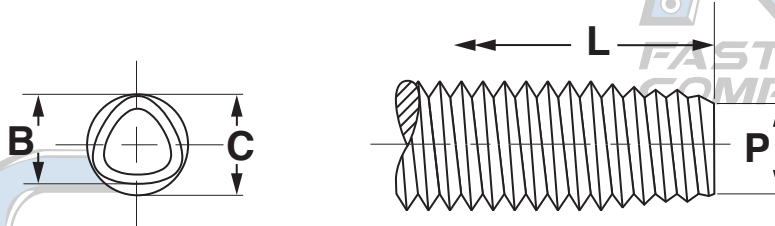
DIN 7500~D
Hex Washer Head

FASTENERS & COMPONENTS



METRIC - UNSLOTTED HEX WASHER DIN 7500~D HEAD

Nominal Size	Thread Pitch	A		H		F		U
		Width Across the Flats		Height of Head		Washer Diameter		Washer Thickness
		Max	Min	Max	Min	Max	Min	Max
M2.5	0.45	5.00	4.88	1.80	1.32	6.40	5.90	0.50
M3	0.5	5.50	5.32	2.00	1.52	7.10	6.60	0.60
M4	0.7	7.00	6.82	3.53	3.05	8.90	8.40	0.70
M5	0.8	8.00	7.78	4.45	3.75	10.40	10.00	0.80
M6	1.0	10.00	9.78	5.20	4.50	13.00	12.00	1.05
M8	1.25	13.00	12.73	7.05	6.30	17.00	16.40	1.30



METRIC - TRILOBULAR THREAD ROLLING SCREWS

DIN 7500-1

Nominal Size & Thread Pitch	C		B		Test Plate Thickness	Hole Diameter	Minimum Breaking Torque	Minimum Breaking Force	Maximum Rolling Torque
	Diameter of Circumscribing Circle		Major Thread Diameter						
	Max	Min	Max	Min					
M2.5-0.45	2.57	2.48	2.48	2.39	2.5	2.3	1	2700	0.6
M3-0.5	3.07	2.98	2.97	2.88	3.0	2.75	1.5	4000	1
M4-0.7	4.08	3.98	3.94	3.84	4.0	3.6	3.4	7000	2.4
M5-0.8	5.09	4.98	4.93	4.82	5.0	4.6	7.1	11,400	4.7
M6-1.0	6.10	5.97	5.90	5.77	6.0	5.5	12	16,000	8
M8-1.25	8.13	7.97	7.88	7.72	8.0	7.4	29	29,000	20
Tolerance on Length		3-6mm: ±0.375		over 6-10mm: ±0.45		over 10-18mm: ±0.55			
		over 18-30mm: ±0.65		over 30 - 50mm: ±0.80		over 50-80: ±0.95			