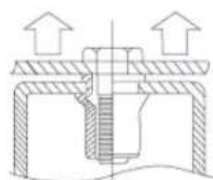
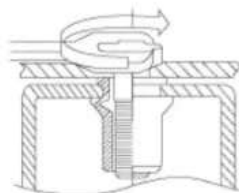


TECHNICAL DATA SHEET

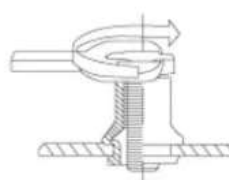
STANDARD BY:GB/T 17880.6-1999



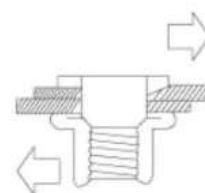
Axial proof load



Broken torque



Torque to turn



Shearing strength

Table 1: Axial proof load for thread

Unit: N

Rivet nut	Mechanical char		Thread size						
			M3	M4	M5	M6	M8	M10	M12
Round and Hex,Flat and (Reduced) countersunk head	Proof load	Steel/Stainless steel	3900	6800	11500	16500	25000	32000	34000
		Aluminum	1900	4000	6500	7800	12300	17500	——

Table 2: Broken Torque

Unit: N.m

Thread size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox Flat head, round and hex	2	5	8.5	15	26	50	80
Steel/Inox Countersunk head, round and hex	1	4	8	15	26	45	70
Steel/Inox Reduced head, round and hex	1	3	6	11	20	32	50
Alu Flat and reduced(counter) head round body	0.7	2.5	5	8	20	25	—

Table 3: Turning Torque for clamping force

Unit: N.m

Thread size	M3	M4	M5	M6	M8	M10	M12
Steel/Inox Flat head, round body	0.5	1	2	4.5	5.5	11	30
Steel/Inox(Reduced)counter head round	0.4	0.8	1.5	3.5	4.5	8.5	24
Aluminum Flat head, round body	0.25	0.9	1.5	3.5	5	6.5	21
Aluminum (Reduced)counter, round body	0.2	0.7	1.2	2.5	4	5	16

Table 4: Shearing Strength

Unit: N

Rivet nut	Mechanical char		Thread size						
			M3	M4	M5	M6	M8	M10	M12
Round and Hex, Flat and (Reduced) countersunk head	Shearing	Steel/Stainless steel	900	1500	2000	3000	4400	5000	6500
		Aluminum	600	1000	1200	2000	2400	3800	—

1. Steel for Swrch1008A 2. Stainless steel for ANSI304/316 3. Aluminium for Almg2.5

All these data are just for your reference. The exact data please follow our physical tests.