



Size /Thrds	A	U	Phillips		Gage								D	d	Wire	Torque kgf.cm	UNIT: mm	
			M	N	Phillips		Square/Combo		Square		PH-SQ Combo							
					Recess	Q	Recess	P	Recess	P	Recess	P						
#5-14	5.59~6.40	0.10~0.40	Min. 3.59	Min. 0.69	#2	1.33~1.90	#1	1.45~1.65	—	—	—	—	3.10~3.25	1.83~1.98	2.30	18	Customer approve:	
#6-13	6.30~6.60 (特)	0.10~0.40	Min 4.09	Min. 0.74	#2	1.83~2.41	#1	1.45~1.65	#2	1.10~1.35	#2	1.45~1.65	3.45~3.58	2.00~2.21	2.50	21	w/date	
#6-13	6.74~6.98	0.10~0.40	Min. 4.09	Min. 0.74	#2	1.83~2.41	#1	1.45~1.65	#2	1.10~1.35	#2	1.45~1.65	3.45~3.58	2.00~2.21	2.50	21	Approved by :	
#6-13	6.61~7.05	0.10~0.40	Min. 4.09	Min. 0.74	#2	1.83~2.41	#1	1.45~1.65	#2	1.10~1.35	#2	1.45~1.65	3.45~3.58	2.00~2.21	2.50	21	w/date	
#6-11	6.61~6.98	0.10~0.40	Min. 4.09	Min. 0.74	#2	1.83~2.41	#1	1.45~1.65	#2	1.10~1.35	#2	1.45~1.65	3.69~3.93	2.16~2.41	2.65	21	CAD by :	Steven Huang
#7-12	6.81~7.74	0.10~0.40	Min. 4.30	Min. 0.76	#2	2.04~2.61	#1	1.45~1.65	#2	1.66~1.90	#2	1.66~1.90	3.76~3.91	2.22~2.43	2.80	25	w/date	2014.10.20
#8-11	7.42~8.43	0.20~0.50	Min. 4.48	Min. 0.76	#2	2.21~2.79	#2	1.66~1.90	—	—	—	—	4.07~4.26	2.38~2.61	2.95	32	Issued date :	2014.10.20
#9-10	7.42~8.43	0.20~0.50	Min. 4.48	Min. 0.76	#2	2.21~2.79	#2	1.66~1.90	—	—	—	—	4.42~4.59	2.50~2.78	3.20	37		year-month-day
#9-10	8.03~9.09	0.20~0.50	Min. 4.48	Min. 0.76	#2	2.21~2.79	#2	1.66~1.90	—	—	—	—	4.42~4.59	2.50~2.78	3.20	37		
#9-10	8.13~8.50	0.20~0.50	Min. 4.48	Min. 0.76	#2	2.21~2.79	#2	1.66~1.90	—	—	—	—	4.42~4.59	2.50~2.78	3.20	37		
#10-9	8.64~9.77	0.20~0.50	Min. 4.86	Min. 0.81	#2	2.60~3.17	#2	1.66~1.90	—	—	—	—	4.75~4.92	2.79~3.02	3.40	45		
#12-8	9.89~11.13	0.50~0.80	Min. 6.48	Min. 0.89	#3	2.95~3.53	#3	2.16~2.41	—	—	—	—	5.00~5.50	3.20~3.50	3.80	60		

Specification:

Material: SAE C1022 / C1018

Recess: Phillips / Square / PH-SQ Combo

Head: Flat Head

Thread:  45° Thread  
 45° Thread+TY-17

Heat Treatment:

Core hardness: HV 320-450

Surface hardness: HV 450-800

Bending Angle: > 15° Breaking

Thread Length: Below 1-1/8": full thread  
1-1/4"~1-3/8": Max. 7/8" (20-22mm)  
Above 1-1/2": Max. 2/3 total length

Total Length: Below 5/8": +0 / - 0.039" (-1.0mm)  
Above 3/4": +0 / - 0.05" (-1.2mm)  
Above 3-1/2"(incl.): +0 / - 0.08" (-2.0mm)

8120/8121/  
8122/8123  
10505/10506  
/10507  
8662/8663

9769