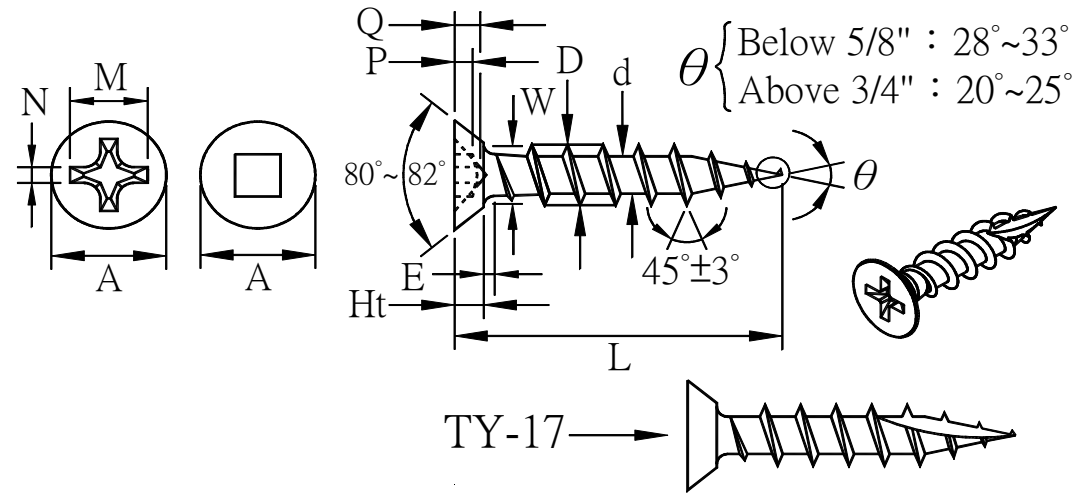


DW#	A1-QS12n		
Part No.	SIZE	S (mm)	L (mm)
	3/8"	Full	8.5-9.5
	7/16"	Full	10.1~11.1
	1/2"	Full	11.7~12.7
	9/16"	Full	13.2~14.2
	5/8"	Full	14.8~15.8
	3/4"	Full	17.8~19.0
	7/8"	Full	21.0~22.2
	1"	Full	24.2~25.4
	1-1/8"	Full	27.3~28.5
	1-1/4"	20.0~22.0	30.5~31.7
	1-3/8"	20.0~22.0	33.7~34.9
	1-1/2"	23.0~25.0	36.9~38.1
	1-5/8"	25.0~27.0	40.0~41.2

PH/SQ - FLU - QS45/17QS

Revision Record



Date	Dim./Spec.	Old	New

Item No.	Size /Threads	A	Ht	Phillips		Gauge				W	E	D	d	Wire	Torque kgf.cm
				M	N	Phillips		Square							
						No.	Q	No.	P						
	#5-14	5.59~6.40	1.09~1.34	Min. 2.92	Min. 0.46	#1	1.68~2.08	#1	—	—	—	3.10~3.25	1.83~1.98	2.30	18
	#6-13	6.20~6.50(特)	1.30~1.60	Min. 3.38	Min. 0.63	#2	1.45~1.80	#1	—	Max. 3.60	Max. 1.00	3.45~3.58	2.00~2.21	2.50	21
6319	#6-13(#5頭)	5.72~5.96(特)	1.20~1.49	Min. 3.20	Min. 0.63	#2	1.20~1.50	#1	—	Max. 3.60	Max. 1.00	3.45~3.58	2.00~2.21	2.50	21
Square only	#6-13	6.20~6.50(特)	1.45~1.70	—	—	—	—	#1	1.00~1.25	—	—	3.45~3.58	2.00~2.21	2.50	21
	#7-12	6.78~7.50(特)	1.35~1.62	Min. 3.58	Min. 0.68	#2	1.32~1.90	#2	1.66~1.90	Max. 3.90	Max. 1.00	3.76~3.91	2.22~2.43	2.80	25
	#9-10	8.03~9.09	1.60~1.91	Min. 4.09	Min. 1.04	#2	1.83~2.41	#2	1.66~1.90	Max. 4.50	Max. 1.00	4.42~4.59	2.50~2.78	3.20	37
	#12-9	9.89~11.12	1.99~2.30	Min. 5.59	Min. 0.76	#3	2.10~2.63	#3	—	—	—	5.00~5.50	3.20~3.50	3.80	70

Specifications:
Material: SAE C1018 / C1022
Drive: #1/#2/#3 Phillips
 #1/#2/#3 Square
Head: Flat head w/undercut
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": 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)

Customer approve: w/date	
Approved by : w/date	
CAD by : w/date	
Issued date : w/date	year - month - day