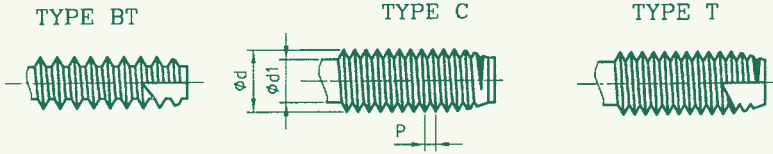


Type A, Type B, Type AB, Type BT Screw 自攻螺絲

JIS B1007
unit : mm

Size		1.4	1.6	1.7	2	2.3	2.5	2.6		3	
Type of Thread		B	B	B	AB B&BT	AB B&BT	AB B&BT	A	AB B&BT	A	AB B&BT
Thread Per in T.P.I.		56	50	50	40	32	28	28		24	
Major Dia d	Max.	1.40	1.60	1.70	2.0	2.3	2.5	2.7	2.6	3.1	3.0
	Min.	1.33	1.53	1.63	1.9	2.2	2.4	2.6	2.5	3.0	2.9
Minor Dia d1	Max.	1.01	1.14	1.24	1.5	1.7	1.9	1.9	2.0	2.2	2.3
	Min.	0.89	1.02	1.12	1.4	1.6	1.8	1.8	1.9	2.1	2.2

Size		3.5		4		4.5		5		6	
Type of Thread		A	AB B&BT	A	AB B&BT	A	AB B&BT	A	AB B&BT	A	AB B&BT
Thread Per in T.P.I.		18	20	16	18	14	16	12	16	10	14
Major Dia d	Max.	3.65	3.5	4.15	4.0	4.65	4.5	5.2	5.0	6.2	6.0
	Min.	3.5	3.4	4.0	3.85	4.5	4.35	5.0	4.85	6.0	5.85
Minor Dia d1	Max.	2.6	2.7	3.0		3.3	3.4	3.7	3.8	4.5	4.6
	Min.	2.5	2.6	2.9		3.2	3.3	3.5	3.6	4.3	4.4

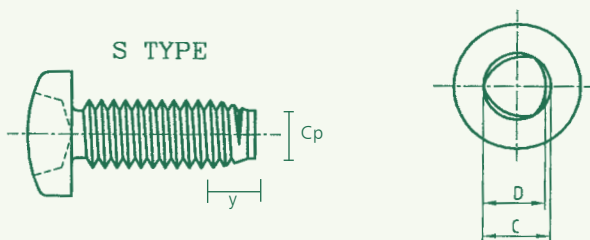


Type A, Type B, Type AB, Type BT Screw 自攻螺絲

ANSI 18.6.4
unit : mm

Size		#2	#3	#4		#5		#6		#7	
Type of Thread		AB B&BT	AB B&BT	A	AB B&BT	A	AB B&BT	A	AB B&BT	A	AB B&BT
Thread Per in T.P.I.		32	28	24		20		18	20	16	19
Major	Max.	2.24	2.57	2.90		3.30		3.58	3.53	4.01	3.91
Dia d	Min.	2.13	2.46	2.79		3.20		3.46	3.43	3.86	3.79
Minor	Max.	1.63	1.91	2.11	2.18	2.41	2.39	2.59	2.64	2.90	2.92
Dia d1	Min.	1.52	1.80	1.98	2.08	2.29		2.44	2.52	2.74	2.77

Size		#8		#10		#12	
Type of Thread		A	AB B&BT	A	AB B&BT	A	AB B&BT
Thread Per in T.P.I.		15	18	12	16	11	14
Major	Max.	4.27	4.22	4.93	4.80	5.61	5.46
Dia d	Min.	4.12	4.09	4.78	4.65	5.46	5.31
Minor	Max.	3.12	3.10	3.38	3.58	4.11	4.17
Dia d1	Min.	2.95		3.20	3.43	3.94	3.99



Taptite S type 三角自攻S型，適用於金屬板

Major Diameter

unit : mm

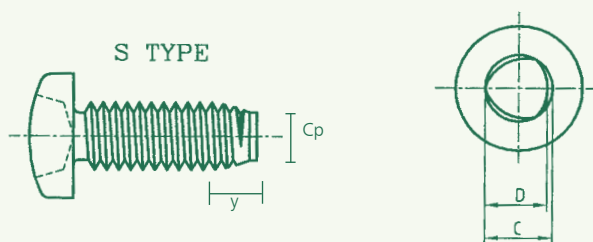
Size	Pitch	Screw Body Dimension				Point		Taper Length		Torque kgf cm	Tensile load kgf
		C		D		Cp		Y			
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
2	0.4	2.04	1.96	1.96	1.88	1.58	1.44	1.8	1.4	4.4	140
2.3	0.4	2.34	2.26	2.26	2.18	1.82	1.68	1.8	1.4	7.7	200
2.5	0.45	2.55	2.47	2.46	2.38	1.96	1.79	2.1	1.5	9.7	230
2.6	0.45	2.65	2.57	2.56	2.48	2.05	1.88	2.1	1.5	12	250
3	0.5	3.05	2.97	2.95	2.87	2.44	2.24	2.3	1.7	18	340
3.5	0.6	3.56	3.48	3.44	3.36	2.83	2.63	2.7	2.1	28	460
4	0.7	4.07	3.99	3.93	3.85	3.27	3.07	3.2	2.4	42	590
5	0.8	5.08	5.00	4.92	4.84	4.17	3.87	3.6	2.8	88	960
6	1.0	6.10	6.00	5.90	5.80	4.97	4.44	4.5	3.5	147	1350
8	1.25	8.13	8.03	7.88	7.78	6.43	6.04	5.7	4.3	369	2470

Taptite S type 三角機牙螺絲

Drilling Hole Diameter (Steel) 鑽孔徑(鐵)

unit : mm

Thickness Size	0.8	1.0	1.2	1.6	2	2.6	3.2	4
2	1.7	1.7	1.7	1.7	1.75	-	-	-
2.3	2.0	2.0	2.0	2.0	2.0	-	-	-
2.5	2.2	2.2	2.2	2.2	2.2	2.25	-	-
2.6	2.3	2.3	2.3	2.3	2.3	2.35	2.35	-
3	2.65	2.7	2.7	2.7	2.75	2.75	2.8	2.8
3.5	3.1	3.1	3.1	3.15	3.15	3.2	3.2	3.2
4	3.6	3.6	3.65	3.65	3.7	3.7	3.7	3.7
5	-	4.6	4.6	4.65	4.65	4.65	4.7	4.7
6	-	5.4	5.5	5.5	5.5	5.55	5.55	5.6
8	-	7.4	7.4	7.4	7.4	7.5	7.5	7.5



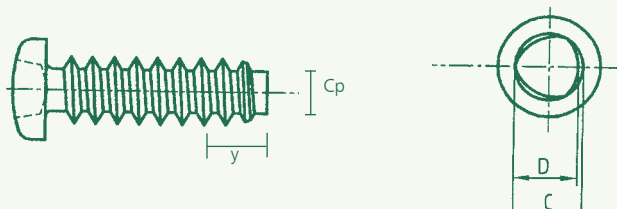
Taptite S type 三角自攻S型，適用於金屬板

unit : mm

Nominal Screw Size	Screw Body Dimension				Point
	C		D		Cp
	Max	Min	Max	Min	Max
0#-80	1.56	1.48	1.49	1.42	0.94
1#-64	1.89	1.82	1.82	1.74	1.50
#2-56	2.22	2.12	2.13	2.03	1.78
#3-48	2.57	2.46	2.46	2.36	2.06
#4-40	2.91	2.81	2.78	2.68	2.27
#5-40	3.24	3.14	3.11	3.01	2.62
#6-32	3.58	3.43	3.43	3.28	2.82
#8-32	4.24	4.09	4.09	3.94	3.48
#10-24	4.93	4.76	4.72	4.57	3.89
#10-32	4.90	4.75	4.75	4.60	4.14
#12-24	5.59	5.44	5.38	5.23	4.55
1/4"-20	6.48	6.32	6.22	6.07	5.23
5/16"-18	8.08	7.92	7.80	7.65	6.71
3/8"-16	9.68	9.53	9.36	9.21	8.13



B TYPE



Taptite B Type 三角自攻B型

Major Diameter

unit : mm

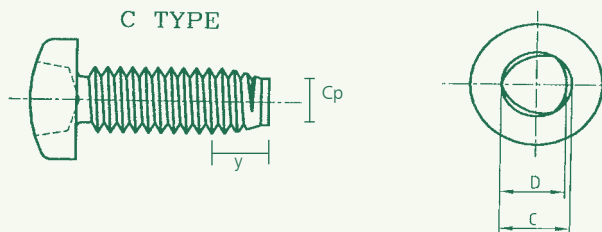
Size	Pitch	Screw Body Dimension				Point		Taper Length		Torque kgf cm	Tensile load kgf
		C		D		Cp		y			
		Max	Min	Max	Min	Max	Min	Max	Min		
2	40	2.04	1.96	1.96	1.88	1.46	1.26	1.6	1.2	4.1	120
2.3	32	2.34	2.26	2.26	2.18	1.76	1.56	2.0	1.5	6.1	150
2.6	28	2.64	2.56	2.55	2.47	1.94	1.74	2.3	1.8	9.9	210
3	24	3.05	2.95	2.95	2.85	2.25	2.05	2.7	2.1	15	280
3.5	20	3.55	3.45	3.46	3.34	2.65	2.45	3.2	2.5	25	390
4	18	4.05	3.95	3.91	3.81	3.00	2.80	3.6	2.8	35	480
5	16	5.06	4.94	4.90	4.78	3.74	3.44	4.0	3.1	66	730
6	14	6.08	5.92	5.88	5.72	4.52	4.12	4.6	3.6	117	1080
8	12	8.10	7.90	7.85	7.65	6.00	5.50	5.3	4.2	283	1950

Taptite B type 三角自攻B型

Drilling Hole Diameter (Steel) 鑽孔徑(鐵)

unit : mm

Thickness Size	0.6	0.8	1.0	1.2	1.6	2.0	2.6	3.2
2	1.55	1.6	1.6	1.6	1.65	1.65	1.7	-
2.3	1.9	1.9	1.9	1.95	1.95	1.95	2.0	2.0
2.6	2.15	2.15	2.2	2.2	2.2	2.25	2.25	2.3
3	2.65	2.65	2.65	2.7	2.7	2.7	2.7	2.75
3.5	3.05	3.05	3.05	3.1	3.1	3.1	3.15	3.15
4	3.6	3.6	3.6	3.6	3.65	3.65	3.65	3.65
5	-	4.5	4.5	4.5	4.55	4.55	4.6	4.6
6	-	-	5.3	5.3	5.4	5.4	5.5	5.5
8	-	-	7.3	7.3	7.3	7.3	7.4	7.4



Taptite C type 三角自攻C型

Major Diameter

unit : mm

Size	Pitch	Screw Body Dimension				Point		Taper Length		Torque kgf cm	Tensile load kgf
		C		D		Cp		y			
		Max	Min	Max	Min	Max	Min	Max	Min		
2	0.4	1.98	1.89	1.90	1.81	1.52	1.38	1.8	1.4	3.9	130
2.3	0.4	2.28	2.19	2.20	2.11	1.76	1.62	1.8	1.4	6.9	190
2.5	0.45	2.48	2.38	2.39	2.29	1.88	1.71	2.1	1.5	8.6	220
2.6	0.45	2.58	2.48	2.49	2.39	1.98	1.81	2.1	1.5	10	240
3	0.5	2.98	2.87	2.88	2.77	2.37	2.17	2.3	1.7	16	320
3.5	0.6	3.47	3.36	3.35	3.24	2.76	2.56	2.7	2.1	25	430
4	0.7	3.97	3.84	3.83	3.70	3.17	2.91	3.2	2.4	37	550
5	0.8	4.97	4.84	4.81	4.68	4.06	3.76	3.6	2.8	79	910
6	1.0	5.97	5.82	5.77	5.62	4.84	4.51	4.5	3.5	133	1280
8	1.25	7.96	7.79	7.74	7.54	6.26	5.87	5.7	4.3	337	2380

Taptite C type 三角自攻C型

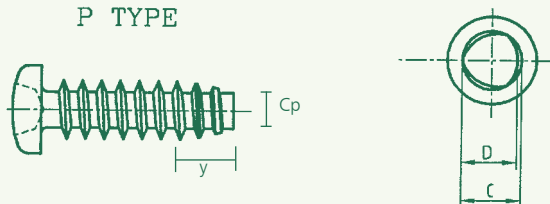
Major Diameter

unit : mm

Size	Thickness	0.8	1.0	1.2	1.6	2.0	2.6	3.2	4
2		1.65	1.65	1.65	1.65	1.7			
2.3		1.95	1.95	1.95	1.95	1.95			
2.5		2.15	2.15	2.15	2.15	2.15	2.2		
2.6		2.25	2.25	2.25	2.25	2.25	2.3	2.3	
3		2.55	2.6	2.6	2.6	2.65	2.65	2.7	2.7
3.5		3.0	3.0	3.0	3.05	3.05	3.1	3.1	3.1
4		3.5	3.5	3.55	3.55	3.6	3.6	3.6	3.6
5			4.5	4.5	4.55	4.55	4.55	4.6	4.6
6			5.35	5.35	5.35	5.35	5.4	5.4	5.4
8			7.25	7.25	7.25	7.25	7.3	7.3	7.3



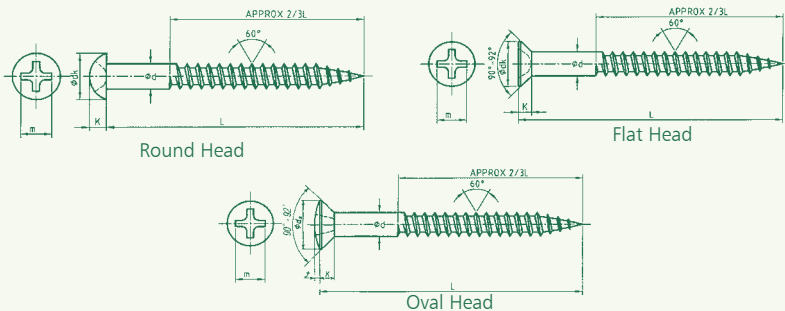
P TYPE



Taprite P Type 三角自攻P型，適用於塑料

unit : mm

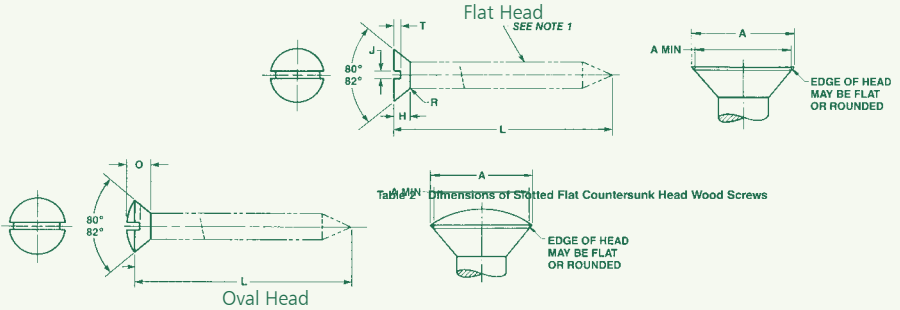
Size	Pitch	Screw Body Diameter				Point		Taper length	
		C		D		Cp		y	
		Max	Min	Max	Min	Max	Min	Max	Min
2.0	0.794 (32)	2.12	2.02	2.04	1.94	1.54	1.34	1.46	1.26
2.3	0.907 (28)	2.43	2.33	2.35	2.25	1.84	1.64	1.76	1.56
2.5	1.058 (24)	2.63	2.53	2.54	2.44	1.94	1.74	1.85	1.65
2.6	1.058 (24)	2.73	2.63	2.64	2.54	2.04	1.84	1.95	1.75
3.0	1.270 (20)	3.15	3.03	3.05	2.93	2.35	2.15	2.25	2.05
3.5	1.411 (19)	3.66	3.54	3.57	3.45	2.70	2.50	2.61	2.41
4.0	1.588 (16)	4.16	4.04	4.02	3.90	3.10	2.90	2.96	2.76
5.0	1.814 (14)	5.19	5.05	5.03	4.89	3.76	3.46	3.60	3.30
6.0	2.117 (12)	6.24	6.06	6.04	5.86	4.36	3.96	4.18	3.78
8.0	2.540 (10)	8.30	8.08	8.05	7.93	5.85	5.35	5.65	5.15



Wood Screw 木牙螺絲

JIS B1112
unit : mm

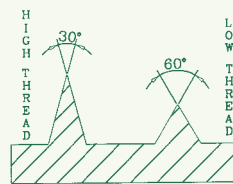
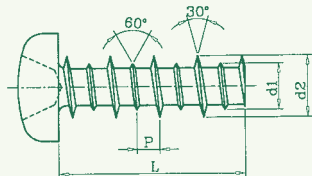
Nominal Size Φ^d	Tol.	Round Head (R)				Flat Head (K)				Oval Head (O)			
		Φdk		k		Φdk		k		Φdk		k+f	
		Size	Tol.	Size	Tol.	Size	Tol.	Size	Tol.	Size	Tol.	Size	Tol.
2.1	± 0.07	3.9	± 0.2	1.6	± 0.1	4.2	0 -0.4	1.25	0 -0.2	4.2	0 -0.4	1.75	0 -0.4
	± 0.07		± 0.2		± 0.1		0 -0.4		0 -0.2		0 -0.4		0 -0.4
2.7	± 0.07	5	± 0.2	2	± 0.15	5.4	0 -0.4	1.55	0 -0.2	5.4	0 -0.4	2.25	0 -0.4
	± 0.07		± 0.25		± 0.15		0 -0.5		0 -0.3		0 -0.5		0 -0.5
3.5	± 0.1	6.5	± 0.25	2.5	± 0.15	7	0 -0.5	2	0 -0.3	7	0 -0.5	2.8	0 -0.5
	± 0.1		± 0.25		± 0.15		0 -0.5		0 -0.3		0 -0.5		0 -0.5
4.1	± 0.1	7.6	± 0.25	2.9	± 0.15	8.2	0 -0.6	2.35	0 -0.3	8.2	0 -0.6	3.35	0 -0.5
	± 0.1		± 0.3		± 0.15		0 -0.6		0 -0.3		0 -0.6		0 -0.5
4.8	± 0.12	8.9	± 0.3	3.3	± 0.15	9.6	0 -0.6	2.7	0 -0.3	9.6	0 -0.6	3.8	0 -0.5
	± 0.12		± 0.3		± 0.15		0 -0.6		0 -0.3		0 -0.6		0 -0.5
5.5	± 0.12	10.2	± 0.3	3.8	± 0.15	11	0 -0.6	3.05	0 -0.3	11	0 -0.6	4.35	0 -0.5
	± 0.12		± 0.35		± 0.2		0 -0.7		0 -0.4		0 -0.7		0 -0.6
6.2	± 0.12	11.5	± 0.35	4.2	± 0.2	12.4	0 -0.7	3.5	0 -0.4	12.4	0 -0.7	4.9	0 -0.6
	± 0.15		± 0.35		± 0.2		0 -0.7		0 -0.4		0 -0.7		0 -0.6
7.5	± 0.15	13.9	± 0.4	5	± 0.2	15	0 -0.7	4.15	0 -0.4	15	0 -0.7	5.95	0 -0.6
	± 0.15		± 0.4		± 0.2		0 -0.8		0 -0.4		0 -0.8		0 -0.6
9.5	± 0.15	17.6	± 0.4	6.3	± 0.2	19	0 -0.8	5.15	0 -0.4	19	0 -0.8	7.45	0 -0.6



Wood Screw 木牙螺絲

ANSI B18.6.1.1981
unit : inch

Nominal Size or Basic Screw Diameter	Flat Head				Oval Head			
	A		H	Head Height Ref	A		O	
	Max. Edge Sharp	Min. Edge Rounded or Flat	Head Diameter		Max. Edge Sharp	Min. Edge Rounded or Flat	Max	Min
#0	0.060	0.119	0.099	0.035	0.119	0.099	0.056	0.041
#1	0.073	0.146	0.123	0.043	0.146	0.123	0.068	0.052
#2	0.086	0.172	0.147	0.051	0.172	0.147	0.080	0.063
#3	0.099	0.199	0.171	0.059	0.199	0.171	0.092	0.073
#4	0.112	0.225	0.195	0.067	0.225	0.195	0.104	0.084
#5	0.125	0.252	0.220	0.075	0.252	0.220	0.116	0.095
#6	0.138	0.279	0.244	0.083	0.279	0.244	0.128	0.105
#7	0.151	0.305	0.268	0.091	0.305	0.268	0.140	0.116
#8	0.164	0.332	0.292	0.100	0.332	0.292	0.152	0.126
#9	0.177	0.358	0.316	0.108	0.358	0.316	0.164	0.137
#10	0.190	0.385	0.340	0.116	0.385	0.340	0.176	0.148
#12	0.216	0.438	0.389	0.132	0.438	0.389	0.200	0.169
#14	0.242	0.507	0.452	0.153	0.507	0.452	0.232	0.197
#16	0.268	0.544	0.485	0.164	0.544	0.485	0.248	0.212
#18	0.294	0.635	0.568	0.191	0.635	0.568	0.290	0.249
#20	0.320	0.650	0.582	0.196	0.650	0.582	0.296	0.254
#24	0.372	0.762	0.685	0.230	0.762	0.685	0.347	0.300



H-L screws have both 30° and 60° included thread angles ideal for plastics particle board, Masonite and wood

Torsional Requirements 扭力要求

Screw Size		Min.Blind Hole Torque in -LBS	Screw Size		Min.Blind Hole Torque in -LBS
Inch	Metric		Inch	Metric	
#2-32	2.2 x 0.79	3	12-16	5.5 x 1.59	52
#3-28	2.6 x 0.90	5	13-16	5.8 x 1.59	65
#4-24	2.9 x 1.06	7	1/4-15	6.3 x 1.69	110
#5-20	3.1 x 1.27	11	9/32-16	7.2 x 1.59	152
#6-19	3.5 x 1.34	13	19/64-16	7.5 x 1.59	170
#7-19	4.0 x 1.34	21	5/16-14	8.0 x 1.81	185
#8-18	4.2 x 1.41	25	21/64-18	8.3 x 1.41	306
#9-18	4.7 x 1.41	36	11/32-14	9.0 x 1.81	306
#10-16	4.8 x 1.59	36	3/8-13	9.5 x 1.95	370
#11-16	5.3 x 1.59	43	27/64-13	10.6 x 1.97	560

Recommended Minimum Lengths 建議最小長度

Screw Size	2	3	4	5	6	7	8	9	10
Pan. Hex. Hex. Washer Heads	3/16	1/4	1/4	5/16	3/8	3/8	3/8	3/8	3/8
Flat & Oval Heads	1/4	5/16	5/16	3/8	7/16	7/16	7/16	1/2	1/2

Screw Size	11	12	13	1/4	9/32	5/16	21/64	11/32	27/64
Pan. Hex. Hex. Washer Heads	3/8	3/8	3/8	7/16	1/2	1/2	1/2	1/2	1/2
Flat & Oval Heads	1/2	1/2	1/2	9/16	9/16	5/8	5/8	5/8	11/32