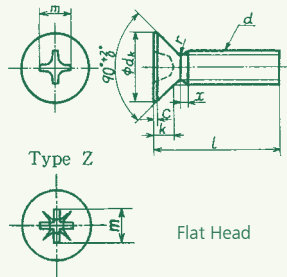


Cross Drive/PZ Drive of Pan Head 十字/米字槽盆頭

JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	dk		k		m	q ⁽¹⁾		r	da
			Basic Size	Per-mis-sible deviation	Basic Size	Per-mis-sible deviation		Ref	Max		
M2	0.40	#1	3.50	0-0.4	1.30	±0.10	2.20	1.01	0.60	0.10	2.60
(M 2.2)	0.45	#1	4.00	0-0.4	1.50	±0.10	2.40	1.21	0.80	0.10	2.80
M 2.5	0.45	#1	4.50	0-0.4	1.70	±0.10	2.60	1.42	1.00	0.10	3.10
M 3	0.50	#2	5.50	0-0.5	2.00	±0.15	3.60	1.43	0.86	0.10	3.60
(M3.5)	0.60	#2	6.00	0-0.5	2.30	±0.15	3.90	1.73	1.15	0.10	4.10
M 4	0.70	#2	7.00	0-0.5	2.60	±0.15	4.20	2.03	1.45	0.20	4.70
(M4.5)	0.75	#2	8.00	0-0.6	2.90	±0.15	4.60	2.43	1.84	0.20	5.20
M 5	0.80	#2	9.00	0-0.6	3.30	±0.15	4.90	2.73	2.14	0.20	5.70
M 6	1.00	#3	10.50	0-0.7	3.90	±0.20	6.30	2.86	2.26	0.25	6.80
M 8	1.25	#3	14.00	0-0.8	5.20	±0.20	7.80	4.36	3.73	0.40	9.20

* (1): The Dimension a indicates the gauge penetration depth of the cross recess.

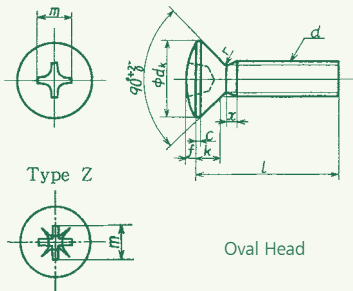


Cross Drive/PZ Drive of Flat Head Screws
十字/米字槽沉頭

JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	dk		k		c	m	q(l)	
			Basic Size	Per-missible deviation	Basic Size	Per-missible deviation			Approx	Ref
M 2	0.40	#1	4.00	0-0.4	1.20	0-0.2	0.20	2.20	1.01	0.65
(M 2.2)	0.45	#1	4.40	0-0.4	1.30	0-0.2	0.20	2.40	1.21	0.85
M 2.5	0.45	#1	5.00	0-0.4	1.45	0-0.2	0.20	2.60	1.42	1.05
M 3	0.50	#2	6.00	0-0.5	1.75	0-0.3	0.25	3.60	1.43	0.91
(M 3.5)	0.6	#2	7.00	0-0.5	2.00	0-0.3	0.25	4.10	1.93	1.40
M 4	0.70	#2	8.00	0-0.5	2.30	0-0.3	0.30	4.50	2.33	1.79
(M4.5)	0.75	#2	9.00	0-0.6	2.55	0-0.3	0.30	4.90	2.73	2.19
M 5	0.80	#2	10.00	0-0.6	2.80	0-0.3	0.30	5.10	2.93	2.38
M6	1.00	#3	12.00	0-0.7	3.40	0-0.4	0.40	6.70	3.26	2.70
M8	1.25	#3	16.00	0-0.8	4.40	0-0.4	0.40	8.40	4.96	4.36

* (l): The Dimension a indicates the gauge penetration depth of the cross recess.

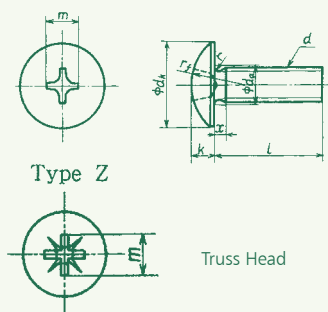


Cross Drive/PZ Drive of Oval Head Screws
十字米字槽扁圓沉頭

JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	d_k		k		c	f	m	$q(1)$	
			Basic Size	Per-mis-sible deviation	Basic Size	Per-mis-sible deviation				Approx	Approx
M 2	0.40	#1	4.00	0-0.4	1.20	0-0.2	0.20	0.40	2.40	1.21	0.85
(M 2.2)	0.45	#1	4.40	0-0.4	1.30	0-0.2	0.20	0.50	2.70	1.52	1.14
M 2.5	0.45	#1	5.00	0-0.4	1.45	0-0.2	0.20	0.55	2.90	1.72	1.34
M 3	0.50	#2	6.00	0-0.5	1.75	0-0.3	0.25	0.70	3.80	1.63	1.11
(M 3.5)	0.60	#2	7.00	0-0.5	2.00	0-0.3	0.25	0.80	4.30	2.13	1.60
M 4	0.70	#2	8.00	0-0.5	2.30	0-0.3	0.30	0.90	4.70	2.53	1.99
(M4.5)	0.75	#2	9.00	0-0.6	2.55	0-0.3	0.30	1.00	5.10	2.93	2.38
M 5	0.80	#2	10.00	0-0.6	2.80	0-0.3	0.30	1.20	5.30	3.13	2.58
M 6	1.00	#3	12.00	0-0.7	3.40	0-0.4	0.40	1.40	6.90	3.46	2.90
M 8	1.25	#3	16.00	0-0.8	4.40	0-0.4	0.40	1.80	8.60	5.16	4.56

* (1): The Dimension a indicates the gauge penetration depth of the cross recess

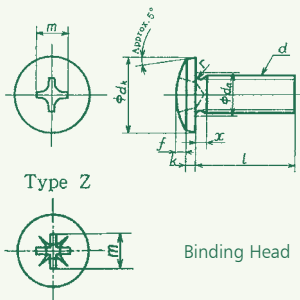


Cross Drive/PZ Drive of Truss Head Screws
十字/米字槽扁圓頭

JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	dk		k		m Ref	q ⁽¹⁾		da Max
			Basic Size	Per-missible deviation	Basic Size	Per-missible deviation		Max	Min	
M 2	0.40	#1	4.50	0-0.4	1.20	±0.10	2.20	1.01	0.65	2.60
(M 2.2)	0.45	#1	5.00	0-0.4	1.30	±0.10	2.30	1.11	0.75	2.80
M 2.5	0.45	#1	5.70	0-0.4	1.50	±0.10	2.50	1.32	0.95	3.10
M 3	0.50	#1	6.90	0-0.5	1.90	±0.15	2.90	1.72	1.34	3.60
(M 3.5)	0.60	#2	8.10	0-0.5	2.20	±0.15	4.00	1.83	1.30	4.10
M 4	0.70	#2	9.40	0-0.5	2.50	±0.15	4.30	2.13	1.60	4.70
(M4.5)	0.75	#2	10.60	0-0.6	2.80	±0.15	4.70	2.53	1.99	5.20
M 5	0.80	#2	11.80	0-0.6	3.10	±0.15	5.00	2.83	2.29	5.70
M 6	1.00	#3	14.00	0-0.7	3.70	±0.15	6.30	2.86	2.31	6.80
M 8	1.25	#3	17.80	0-0.8	4.80	±0.20	7.80	4.36	3.78	9.20

* (1): The Dimension a indicates the gauge penetration depth of the cross recess

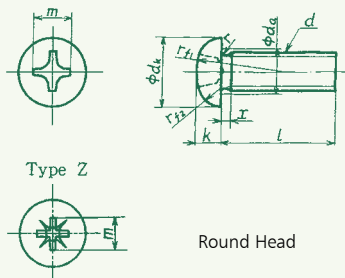


Cross Drive/PZ Drive of Binding Head Screws
十字/米字槽盆圓頭

JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	dk		k		f	m	q(l)	
			Basic Size	Per-missible deviation	Approx	Basic Size	Per-missible deviation	Ref	Max	Min
M 2	0.40	#1	4.30	0-0.4	0.85	0.35	±0.10	2.20	1.01	0.65
(M 2.2)	0.45	#1	4.70	0-0.4	0.90	0.40	±0.10	2.30	1.11	0.75
M 2.5	0.45	#1	5.30	0-0.4	1.00	0.50	±0.10	2.50	1.32	0.95
M 3	0.50	#2	6.30	0-0.5	1.30	0.60	±0.10	3.70	1.53	1.01
(M 3.5)	0.60	#2	7.30	0-0.5	1.50	0.70	±0.15	4.00	1.83	1.30
M 4	0.70	#2	8.30	0-0.5	1.70	0.80	±0.15	4.30	2.13	1.60
(M4.5)	0.75	#2	9.30	0-0.6	1.90	0.90	±0.15	4.70	2.53	1.99
M 5	0.80	#2	10.30	0-0.6	2.10	1.00	±0.15	5.00	2.83	2.29
M6	1.00	#3	12.40	0-0.7	2.40	1.30	±0.15	6.30	2.86	2.31
M8	1.25	#3	16.40	0-0.8	3.10	1.70	±0.20	7.80	4.36	3.78

* (l): The Dimension a indicates the gauge penetration depth of the cross recess

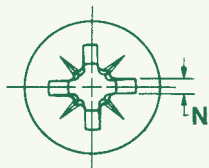


Cross Drive/PZ Drive of Round Head Screws
十字/米字槽圓頭

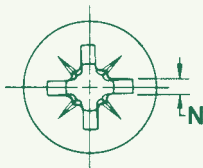
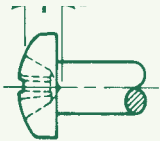
JIS B1111
unit : mm

Designation of thread (d)	Pitch (P)	No. of cross recess	d_k		k		m	$q^{(1)}$		r	d_a
			Basic Size	Per-mis-sible deviation	Basic Size	Per-mis-sible deviation		Ref	Max		
M 2	0.40	#1	3.50	0-0.4	1.30	± 0.10	2.10	0.91	0.50	0.10	2.60
(M 2.2)	0.45	#1	4.00	0-0.4	1.50	± 0.10	2.30	1.11	0.70	0.10	2.80
M 2.5	0.45	#1	4.50	0-0.4	1.70	± 0.10	2.50	1.32	0.90	0.10	3.10
M 3	0.50	#2	5.50	0-0.5	2.00	± 0.15	3.50	1.33	0.76	0.10	3.60
(M 3.5)	0.60	#2	6.00	0-0.5	2.30	± 0.15	3.80	1.63	1.06	0.10	4.10
M 4	0.70	#2	7.00	0-0.5	2.60	± 0.15	4.10	1.93	1.35	0.20	4.70
(M 4.5)	0.75	#2	8.00	0-0.6	3.00	± 0.15	4.50	2.33	1.74	0.20	5.20
M 5	0.80	#2	9.00	0-0.6	3.40	± 0.15	4.80	2.63	2.04	0.20	5.70
M 6	1.00	#3	10.50	0-0.7	4.00	± 0.20	6.20	2.76	2.16	0.25	6.80
M 8	1.25	#3	14.00	0-0.8	5.40	± 0.20	7.70	4.26	3.63	0.40	9.20

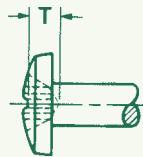
* (1): The Dimension a indicates the gauge penetration depth of the cross recess



Pan Head



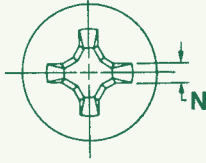
Binding Head



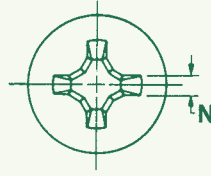
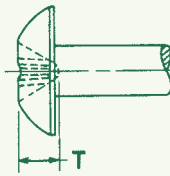
Cross Recessed Drive 十字槽

ANSI B18.6.3 1972
unit : inch

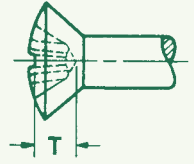
Nominal Size or Basic Screw Diameter	Pan head					Binding Head				
	T		N		Driver Size	T		N		Driver Size
	Recess Depth		Recess Width			Recess Depth		Recess Width		
	Max	Min	Min	Min		Max	Min	Min		
#0 0.0600	0.039	0.021	0.013	#0	0.040	0.023	0.013	#0		
#1 0.0730	0.045	0.025	0.014	#0	0.047	0.030	0.014	#0		
#2 0.0860	0.059	0.041	0.017	#1	0.058	0.041	0.017	#1		
#3 0.0990	0.068	0.050	0.019	#1	0.068	0.051	0.017	#1		
#4 0.1120	0.078	0.060	0.019	#1	0.077	0.059	0.017	#1		
#5 0.1250	0.083	0.057	0.028	#2	0.075	0.051	0.018	#2		
#6 0.1380	0.091	0.066	0.028	#2	0.088	0.064	0.026	#2		
#8 0.1640	0.108	0.082	0.030	#2	0.114	0.090	0.028	#2		
#10 0.1900	0.124	0.100	0.031	#2	0.134	0.109	0.029	#2		
#12 0.2160	0.141	0.115	0.034	#3	0.151	0.126	0.032	#3		
1/4 0.2500	0.161	0.135	0.036	#3	0.164	0.140	0.046	#3		
5/16 0.3125	0.193	0.169	0.059	#4	0.195	0.172	0.068	#4		
3/8 0.3750	0.233	0.210	0.065	#4	0.247	0.223	0.076	#4		
7/16 0.4375	0.259	0.234	0.068	#4	-	-	-	-		
1/2 0.5000	0.280	0.255	0.071	#4	-	-	-	-		
9/16 0.5625	0.312	0.288	0.076	#4	-	-	-	-		
5/8 0.6250	0.343	0.314	0.081	#5	-	-	-	-		
3/4 0.7500	0.382	0.355	0.086	#5	-	-	-	-		



Truss Head



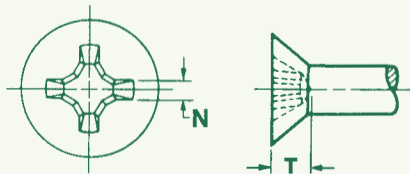
Oval Head



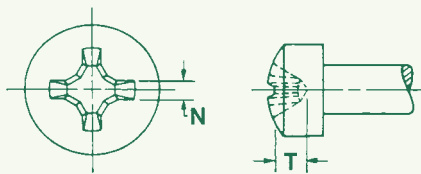
Cross Recessed Drive 十字槽

ANSI B18.6.3 1972
unit : inch

Nominal Size or Basic Screw Diameter	Truss head					Oval Head				
	T		N		Driver Size	T		N		Driver Size
	Recess Depth		Recess Width			Recess Depth		Recess Width		
	Max	Min	Min	Min		Max	Min	Min		
#0	0.0600	0.037	0.019	0.013	#0	0.045	0.027	0.014	#0	
#1	0.0730	0.045	0.027	0.014	#0	0.048	0.030	0.015	#0	
#2	0.0860	0.059	0.041	0.018	#1	0.069	0.052	0.018	#1	
#3	0.0990	0.066	0.049	0.018	#1	0.081	0.064	0.019	#1	
#4	0.1120	0.069	0.051	0.018	#1	0.094	0.077	0.019	#1	
#5	0.1250	0.085	0.067	0.019	#1	0.085	0.061	0.028	#2	
#6	0.1380	0.084	0.059	0.027	#2	0.105	0.080	0.030	#2	
#8	0.1640	0.099	0.074	0.029	#2	0.119	0.095	0.031	#2	
#10	0.1900	0.115	0.090	0.030	#2	0.137	0.113	0.033	#2	
#12	0.2160	0.128	0.103	0.032	#3	0.152	0.128	0.038	#3	
1/4	0.2500	0.143	0.118	0.033	#3	0.173	0.148	0.040	#3	
5/16	0.3125	0.193	0.168	0.059	#4	0.238	0.214	0.065	#4	
3/8	0.3750	0.226	0.202	0.063	#4	0.257	0.233	0.068	#4	
7/16	0.4375	0.257	0.232	0.068	#4	0.269	0.245	0.070	#4	
1/2	0.5000	0.288	0.263	0.072	#4	0.283	0.259	0.071	#4	
9/16	0.5625	0.302	0.278	0.074	#4	0.316	0.292	0.075	#4	
5/8	0.6250	0.322	0.289	0.077	#5	0.356	0.324	0.081	#5	
3/4	0.7500	0.384	0.352	0.085	#5	0.421	0.390	0.088	#5	



Flat Head

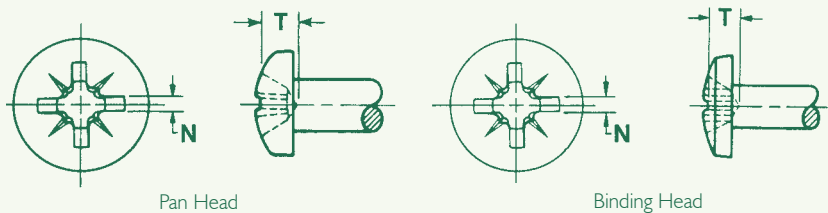


Fillister Head

Cross Recessed Drive 十字槽

ANSI B18.6.3 1972
unit : inch

Nominal Size or Basic Screw Diameter	Flat head				Fillister Head				
	T		N		Driver Size	T		N	
	Recess Depth		Recess Width			Recess Depth		Recess Width	
	Max	Min	Min	Min		Max	Min	Min	
#0	0.0600	0.043	0.027	0.014	#0	0.039	0.021	0.013	#0
#1	0.0730	0.051	0.035	0.015	#0	0.045	0.025	0.014	#0
#2	0.0860	0.063	0.047	0.017	#1	0.059	0.041	0.017	#1
#3	0.0990	0.068	0.052	0.018	#1	0.068	0.050	0.019	#1
#4	0.1120	0.089	0.073	0.018	#1	0.078	0.060	0.019	#1
#5	0.1250	0.086	0.063	0.027	#2	0.067	0.042	0.027	#2
#6	0.1380	0.106	0.083	0.029	#2	0.091	0.066	0.028	#2
#8	0.1640	0.121	0.098	0.030	#2	0.108	0.082	0.030	#2
#10	0.1900	0.136	0.113	0.032	#2	0.124	0.100	0.031	#2
#12	0.2160	0.156	0.133	0.035	#3	0.141	0.115	0.034	#3
1/4	0.2500	0.171	0.148	0.036	#3	0.161	0.135	0.036	#3
5/16	0.3125	0.216	0.194	0.061	#4	0.203	0.177	0.042	#3
3/8	0.3750	0.245	0.223	0.065	#4	0.233	0.210	0.065	#4
7/16	0.4375	0.261	0.239	0.068	#4	0.259	0.234	0.068	#4
1/2	0.5000	0.276	0.254	0.069	#4	0.280	0.255	0.071	#4
9/16	0.5625	0.300	0.278	0.073	#4	0.312	0.288	0.076	#4
5/8	0.6250	0.342	0.316	0.079	#5	0.343	0.314	0.081	#5
3/4	0.7500	0.406	0.380	0.087	#5	0.382	0.355	0.086	#5



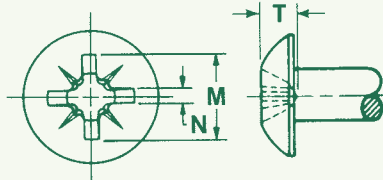
PZ Drive 米字槽

ANSI B18.6.3 1972
unit : inch

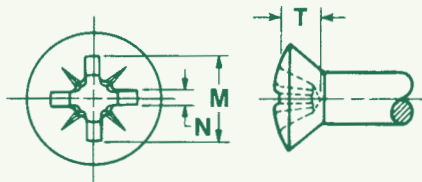
Nominal Size or Basic Screw Diameter	Pan Head					Binding Head				
	T		N		Driver Size	T		N		Driver Size
	Recess Depth		Recess Width			Recess Depth		Recess Width		
	Max	Min	Min	Min		Max	Min	Min		
#0	0.0600	0.040	0.024	0.018	#0	0.040	0.024	0.018	#0	
#1	0.0730	0.047	0.031	0.018	#0	0.049	0.033	0.018	#0	
#2	0.0860	0.064	0.048	0.028	#1	0.065	0.049	0.029	#1	
#3	0.0990	0.073	0.057	0.029	#1	0.070	0.054	0.029	#1	
#4	0.1120	0.083	0.067	0.029	#1	0.078	0.062	0.029	#1	
#5	0.1250	0.084	0.066	0.040	#2	0.075	0.057	0.040	#2	
#6	0.1380	0.092	0.074	0.040	#2	0.087	0.069	0.040	#2	
#8	0.1640	0.108	0.090	0.041	#2	0.113	0.095	0.041	#2	
#10	0.1900	0.124	0.106	0.041	#2	0.131	0.113	0.041	#2	
#12	0.2160	0.139	0.121	0.056	#3	0.147	0.129	0.056	#3	
1/4	0.2500	0.159	0.141	0.057	#3	0.161	0.143	0.057	#3	
5/16	0.3125	0.191	0.173	0.086	#4	0.190	0.172	0.086	#4	
3/8	0.3750	0.228	0.210	0.086	#4	0.240	0.222	0.086	#4	
7/16	0.4375	0.251	0.233	0.086	#4	-	-	-	-	
1/2	0.5000	0.273	0.255	0.086	#4	-	-	-	-	
9/16	0.5625	0.304	0.286	0.087	#4	-	-	-	-	
5/2	0.6250	0.333	0.312	0.098	#5	-	-	-	-	
3/4	0.7500	0.379	0.358	0.098	#5	-	-	-	-	



TYPE 1A



Truss Head

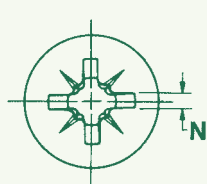


Oval Head

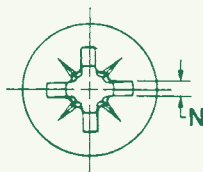
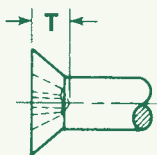
PZ Drive 米字槽

ANSI B18.6.3 1972
unit : inch

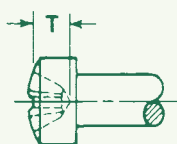
Nominal Size or Basic Screw Diameter	Truss Head					Oval Head				
	T		N		Driver Size	T		N		Driver Size
	Recess Depth		Recess Width			Recess Depth		Recess Width		
	Max	Min	Min			Max	Min	Min		
#0	0.0600	0.037	0.021	0.018	#0	0.048	0.032	0.018	#0	
#1	0.0730	0.045	0.029	0.018	#0	0.051	0.035	0.018	#0	
#2	0.0860	0.059	0.043	0.029	#1	0.073	0.057	0.029	#1	
#3	0.0990	0.066	0.050	0.029	#1	0.085	0.069	0.030	#1	
#4	0.1120	0.069	0.053	0.029	#1	0.097	0.081	0.030	#1	
#5	0.1250	0.085	0.069	0.030	#1	0.089	0.071	0.041	#2	
#6	0.1380	0.080	0.062	0.041	#2	0.109	0.091	0.041	#2	
#8	0.1640	0.094	0.076	0.041	#2	0.124	0.106	0.041	#2	
#10	0.1900	0.110	0.092	0.042	#2	0.141	0.123	0.041	#2	
#12	0.2160	0.122	0.104	0.055	#3	0.157	0.139	0.056	#3	
1/4	0.2500	0.136	0.118	0.056	#3	0.177	0.159	0.057	#3	
5/16	0.3125	0.187	0.169	0.086	#4	0.241	0.223	0.086	#4	
3/8	0.3750	0.219	0.201	0.086	#4	0.262	0.244	0.086	#4	
7/16	0.4375	0.249	0.231	0.086	#4	0.274	0.256	0.086	#4	
1/2	0.5000	0.278	0.260	0.086	#4	0.289	0.271	0.086	#4	
9/16	0.5625	0.283	0.265	0.086	#4	0.311	0.293	0.087	#4	
5/8	0.6250	0.304	0.283	0.097	#5	0.338	0.317	0.098	#5	
3/4	0.7500	0.362	0.341	0.098	#5	0.400	0.379	0.099	#5	



Flat Head



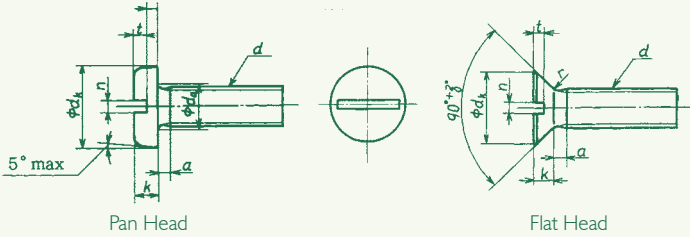
Fillister Head



PZ Drive 米字槽

ANSI B18.6.3 1972
unit : inch

Nominal Size or Basic Screw Diameter	Flat Head					Fillister Head				
	T		N		Driver Size	T		N		Driver Size
	Recess Depth		Recess Width			Recess Depth		Recess Width		
	Max	Min	Min	Min		Max	Min	Min	Min	
#0	0.0600	0.044	0.028	0.018	#0	0.040	0.024	0.018	#0	
#1	0.0730	0.052	0.036	0.018	#0	0.047	0.031	0.018	#0	
#2	0.0860	0.063	0.047	0.028	#1	0.064	0.048	0.028	#1	
#3	0.0990	0.068	0.052	0.028	#1	0.073	0.057	0.029	#1	
#4	0.1120	0.089	0.073	0.030	#1	0.083	0.067	0.029	#1	
#5	0.1250	0.086	0.068	0.041	#2	0.070	0.052	0.040	#2	
#6	0.1380	0.107	0.089	0.041	#2	0.092	0.074	0.040	#2	
#8	0.1640	0.121	0.103	0.041	#2	0.108	0.090	0.041	#2	
#10	0.1900	0.136	0.118	0.041	#2	0.124	0.106	0.041	#2	
#12	0.2160	0.158	0.140	0.056	#3	0.139	0.121	0.056	#3	
1/4	0.2500	0.173	0.155	0.027	#3	0.159	0.141	0.057	#3	
5/16	0.3125	0.220	0.202	0.086	#4	0.202	0.184	0.057	#3	
3/8	0.3750	0.248	0.230	0.086	#4	0.228	0.210	0.086	#4	
7/16	0.4375	0.265	0.247	0.086	#4	0.251	0.233	0.086	#4	
1/2	0.5000	0.280	0.262	0.086	#4	0.273	0.255	0.086	#4	
9/16	0.5625	0.303	0.285	0.087	#4	0.304	0.286	0.087	#4	
5/8	0.6250	0.345	0.324	0.098	#5	0.333	0.312	0.098	#5	
3/4	0.7500	0.410	0.389	0.099	#5	0.379	0.358	0.098	#5	



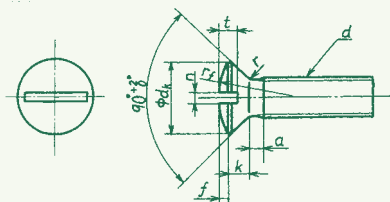
Slotted Drive of Pan Head 一字槽盆頭

JIS B 1101
unit : mm

Designation of threads (d)		M 1.6	M 2	M 2.5	M 3	(M3.5)	M 4	M 5	M 6	M 8	M 10
Pitch (P)		0.35	0.40	0.45	0.50	0.60	0.70	0.80	1.00	1.25	1.50
a	Max.	0.70	0.80	0.90	1.00	1.20	1.40	1.60	2.00	2.50	3.00
b	Min.	25.00	25.00	25.00	25.00	38.00	38.00	38.00	38.00	38.00	38.00
dk	Nominal=Max.	3.20	4.00	5.00	5.60	7.00	8.00	9.50	12.00	16.00	20.00
	Min.	2.90	3.70	4.70	5.30	6.64	7.64	9.14	11.57	15.57	19.48
da	Max.	2.00	2.60	3.10	3.60	4.10	4.70	5.70	6.80	9.20	11.20
k	Nominal=Max.	1.00	1.30	1.50	1.80	2.10	2.40	3.00	3.60	4.80	6.00
	Min.	0.86	1.16	1.36	1.66	1.96	2.26	2.86	3.30	4.50	5.70
n	Nominal	0.40	0.50	0.60	0.80	1.00	1.20	1.20	1.60	2.00	2.50
	Max.	0.60	0.70	0.80	1.00	1.20	1.51	1.51	1.91	2.31	2.81
	Min.	0.46	0.56	0.66	0.86	1.06	1.26	1.26	1.66	2.06	2.56
t	Min.	0.35	0.50	0.60	0.70	0.80	1.00	1.20	1.4	1.9	2.4

Slotted Drive of Flat Head Screws 一字槽沉頭

Designation of threads (d)		M 1.6	M 2	M 2.5	M 3	(M3.5)	M 4	M 5	M 6	M 8	M 10
Pitch (P)		0.35	0.40	0.45	0.50	0.60	0.70	0.80	1.00	1.25	1.50
a	Max.	0.70	0.80	0.90	1.00	1.20	1.40	1.60	2.00	2.50	3.00
b	Min.	25.00	25.00	25.00	25.00	38.00	38.00	38.00	38.00	38.00	38.00
dk	Maximum theoretical dimension	3.6	4.40	5.50	6.30	8.20	9.40	10.40	12.60	17.30	20.00
	Actual dimension	Nominal=Max.	3.00	3.80	4.70	5.50	7.30	8.40	9.30	11.30	15.80
Min.		2.7	3.50	4.40	5.20	6.94	8.04	8.94	10.87	15.37	17.78
k	Nominal=Max.	1	1.20	1.50	1.65	2.35	2.70	2.70	3.30	4.65	5.00
n	Nominal	0.4	0.50	0.60	0.80	1.00	1.20	1.20	1.60	2.00	2.50
	Max.	0.6	0.70	0.80	1.00	1.20	1.51	1.51	1.91	2.31	2.81
	Min.	0.46	0.56	0.66	0.86	1.06	1.26	1.26	1.66	2.06	2.56
t	Max.	0.5	0.60	0.75	0.85	1.20	1.30	1.40	1.60	2.30	2.60
	Min.	0.32	0.40	0.5	0.6	0.90	1.00	1.10	1.20	1.80	2.00

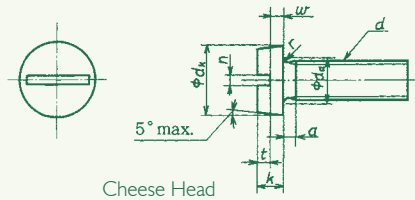


Oval Head

Slotted Drive of Oval Head 一字槽扁圓沉頭

JIS B 1101
unit : mm

Designation of threads (d)		M 1.6	M 2	M 2.5	M 3	(M3.5)	M 4	M 5	M 6	M 8	M 10	
Pitch (P)		0.35	0.40	0.45	0.50	0.60	0.70	0.80	1.00	1.25	1.50	
a	Max.	0.70	0.80	0.9	1	1.20	1.40	1.60	2.00	2.50	3.00	
b	Min.	25.00	25.00	25.00	25.00	38.00	38.00	38.00	38.00	38.00	38.00	
dk	Maximum theoretical dimension	3.60	4.40	5.50	6.30	8.20	9.40	10.40	12.60	17.30	20.00	
	Actual dimension	Nominal=Max	3.00	3.80	4.70	5.50	7.30	8.40	9.30	11.30	15.80	18.30
		Min.	2.70	3.50	4.40	5.20	6.94	8.04	8.94	10.87	15.37	17.78
f	Approx.	0.40	0.50	0.60	0.70	0.80	1.00	1.20	1.40	2.00	2.30	
k	Nominal=Max	1.00	1.20	1.50	1.65	2.35	2.70	2.70	3.30	4.65	5.00	
n	Nominal	0.40	0.50	0.60	0.80	1.00	1.20	1.20	1.60	2.00	2.50	
	Max.	0.60	0.70	0.80	1.00	1.20	1.51	1.51	1.91	2.31	2.81	
	Min.	0.46	0.56	0.66	0.86	1.06	1.26	1.26	1.66	2.06	2.56	
t	Max.	0.80	1.00	1.20	1.45	1.70	1.90	2.40	2.80	3.70	4.40	
	Min.	0.64	0.80	1.00	1.20	1.40	1.60	2.00	2.40	3.20	3.80	

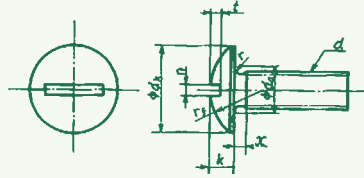


Cheese Head

Slotted Drive of Cheese Head 一字槽棋子頭

JIS B 1101
unit : mm

Designation of threads (d)		M 1.6	M 2	M 2.5	M 3	(M3.5)	M 4	M 5	M 6	M 8	M 10
Pitch (P)		0.35	0.40	0.45	0.50	0.60	0.70	0.80	1.00	1.25	1.50
a	Max.	0.70	0.80	0.90	1.00	1.20	1.40	1.60	2.00	2.50	3.00
b	Min.	25.00	25.00	25.00	25.00	38.00	38.00	38.00	38.00	38.00	38.00
dk	Nominal=Max.	3.00	3.80	4.50	5.50	6.00	7.00	8.50	10.00	13.00	16.00
	Min.	2.86	3.62	4.32	5.32	5.82	6.78	8.28	9.78	12.73	15.73
da	Max.	2.00	2.60	3.10	3.60	4.10	4.70	5.70	6.80	9.20	11.20
k	Nominal=Max.	1.10	1.40	1.80	2.00	2.40	2.60	3.30	3.90	5.00	6.00
	Min.	0.96	1.26	1.66	1.86	2.26	2.46	3.12	3.60	4.70	5.70
n	Nominal	0.40	0.50	0.60	0.80	1.00	1.20	1.20	1.60	2.00	2.50
	Max.	0.60	0.70	0.80	1.00	1.20	1.51	1.51	1.91	2.31	2.81
	Min.	0.46	0.56	0.66	0.86	1.06	1.26	1.26	1.66	2.06	2.56
r	Min.	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.25	0.40	0.40
t	Min.	0.45	0.60	0.70	0.85	1.00	1.10	1.30	1.60	2.00	2.40
w	Min.	0.40	0.50	0.70	0.75	1.00	1.10	1.30	1.60	2.00	2.40
x	Max.	0.90	1.00	1.10	1.25	1.50	1.75	2.00	2.50	3.20	3.80

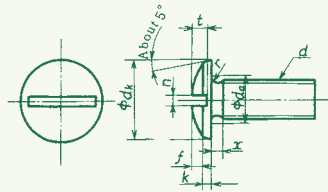


Truss Head

Slotted Drive of Truss Head 一字槽扁圓頭

JIS B1101
unit : mm

Designation of threads (d)		M 2	(M 2.2)	M 2.5	M 3	(M3.5)	M 4	(M 4.5)	M 5	M 6	M 8
Pitch (P)		0.40	0.45	0.45	0.50	0.60	0.70	0.75	0.80	1.00	1.25
dk	Basic size	4.50	5.00	5.70	6.90	8.10	9.40	10.60	11.80	14.00	17.80
	Permissible deviation	0 -0.4			0 -0.5			0 -0.6		0 -0.7	0 -0.8
k	Basic size	1.20	1.30	1.50	1.90	2.20	2.50	2.80	3.10	3.70	4.80
	Permissible deviation	±0.10			±0.15				±0.20		
n	Basic size	0.60	0.60	0.80	0.80	1.00	1.00	1.00	1.20	1.20	1.60
	Permissible deviation	+ 0.1 0				+ 0.15 0			+0.2 0		
t	Basic size	0.60	0.65	0.75	0.95	1.10	1.25	1.40	1.60	1.90	2.40
	Permissible deviation	±0.10			± 0.15		±0.20		±0.25	±0.30	±0.40

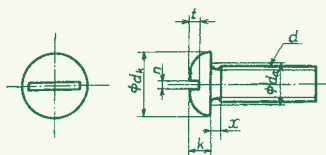


Binding Head

Slotted Drive of Binding Head 一字槽盤圓頭

JIS B1101
unit : mm

Designation of threads (d)		M 2	(M 2.2)	M 2.5	M 3	(M3.5)	M 4	(M 4.5)	M 5	M 6	M 8
Pitch (P)		0.40	0.45	0.45	0.50	0.60	0.70	0.75	0.80	1.00	1.25
dk	Basic size	4.30	4.70	5.30	6.30	7.30	8.30	9.30	10.30	12.40	16.40
	Permissible deviation	0 -0.4			0 -0.5			0 -0.6		0 -0.7	0 -0.8
k	About	0.85	0.90	1.00	1.30	1.50	1.70	1.90	2.10	2.40	3.10
f	Basic size	0.35	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.30	1.70
	Permissible deviation	±0.10				±0.15					±0.2
n	Basic size	0.60	0.60	0.80	0.80	1.00	1.00	1.00	1.20	1.20	1.60
	Permissible deviation	+0.15 0							+0.2 0		
t	Basic size	0.65	0.70	0.80	1.00	1.15	1.30	1.50	1.70	2.00	2.80
	Permissible deviation	±0.10			±0.15	±0.2		±0.25		±0.3	±0.5

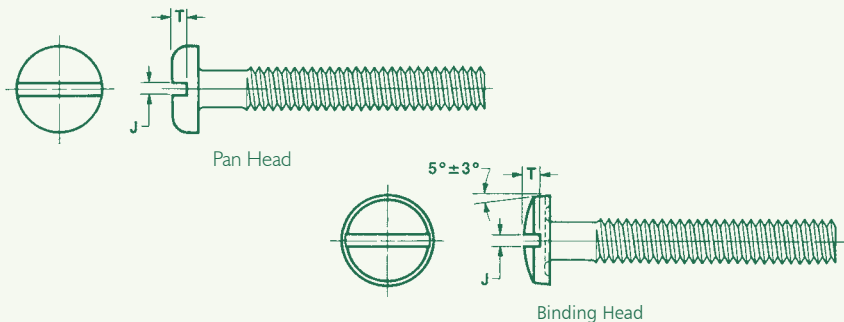


Round Head

Slotted Drive Round Head 一字槽圓頭

JIS B 1101
unit : mm

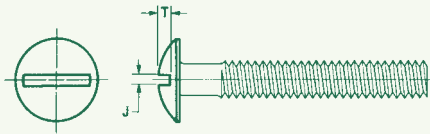
Designation of threads (d)	M1	M1.2	(M1.4)	M1.6	M2	(M2.2)	M2.5	M3	(M3.5)	M4	(M4.5)	M5	M6	M8	
Pitch (P)	0.25	0.25	0.30	0.35	0.40	0.45	0.45	0.50	0.60	0.70	0.75	0.80	1.00	1.25	
dk	Basic size	2.00 2.30	2.60	3.00	3.50	4.00	4.50	5.50	6.00	7.00	8.00	9.00	10.50	14.00	
	Permissible deviation	0 -0.3			0 -0.4				0 -0.5		0 -0.6		0 -0.7	0 -0.8	
k	Basic size	0.80	0.90	1.00	1.10	1.30	1.50	1.70	2.00	2.30	2.60	3.00	3.40	4.00	5.40
	Permissible deviation	±0.10						±0.15					±0.20		
n	Basic size	0.32	0.32	0.32	0.40	0.60	0.60	0.80	0.80	1.00	1.00	1.00	1.20	1.20	1.60
	Permissible deviation	+0.1 0		+0.15 0						+0.2 -0					
t	Basic size	0.45	0.50	0.60	0.65	0.80	0.90	1.00	1.20	1.40	1.60	1.90	2.10	2.50	3.30
	Permissible deviation	±0.10					±0.15		±0.2		±0.25		±0.3		±0.4 ±0.5



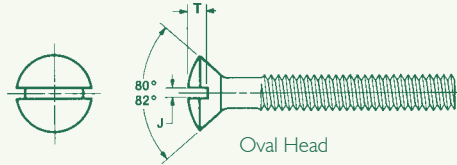
Slotted Drive 一字槽

ANSI B18.6.3 1972
unit : inch

Nominal Size or Basic Screw Diameter	Pan Head				Binding Head				
	J		T		J		T		
	Slot Width		Slot Depth		Slot Width		Slot Depth		
	Max	Min	Max	Min	Max	Min	Max	Min	
0000	0.0210	0.008	0.004	0.008	0.004	0.008	0.004	0.009	0.005
000	0.0340	0.012	0.008	0.012	0.008	0.012	0.006	0.013	0.009
00	0.0470	0.017	0.010	0.016	0.010	0.017	0.010	0.018	0.012
0	0.0600	0.023	0.016	0.022	0.014	0.023	0.016	0.018	0.009
#1	0.0730	0.026	0.019	0.027	0.018	0.026	0.019	0.024	0.014
#2	0.0860	0.031	0.023	0.031	0.022	0.031	0.023	0.030	0.020
#3	0.0990	0.035	0.027	0.036	0.026	0.035	0.027	0.036	0.025
#4	0.1120	0.039	0.031	0.040	0.030	0.039	0.031	0.042	0.030
#5	0.1250	0.043	0.035	0.045	0.034	0.043	0.035	0.048	0.035
#6	0.1380	0.048	0.039	0.050	0.037	0.048	0.039	0.053	0.040
#8	0.1640	0.054	0.045	0.058	0.045	0.054	0.045	0.065	0.050
#10	0.1900	0.060	0.050	0.068	0.053	0.060	0.050	0.077	0.060
#12	0.2160	0.067	0.056	0.077	0.061	0.067	0.056	0.089	0.070
1/4	0.2500	0.075	0.064	0.087	0.070	0.075	0.064	0.105	0.084
5/16	0.3125	0.084	0.072	0.106	0.085	0.084	0.072	0.134	0.108
3/8	0.3750	0.094	0.081	0.124	0.100	0.094	0.081	0.163	0.132
7/16	0.4375	0.094	0.081	0.142	0.116	-	-	-	-
1/2	0.5000	0.106	0.091	0.161	0.131	-	-	-	-
9/16	0.5625	0.118	0.102	0.179	0.146	-	-	-	-
5/8	0.6250	0.133	0.116	0.197	0.162	-	-	-	-
3/4	0.7500	0.149	0.131	0.234	0.192	-	-	-	-



Truss Head

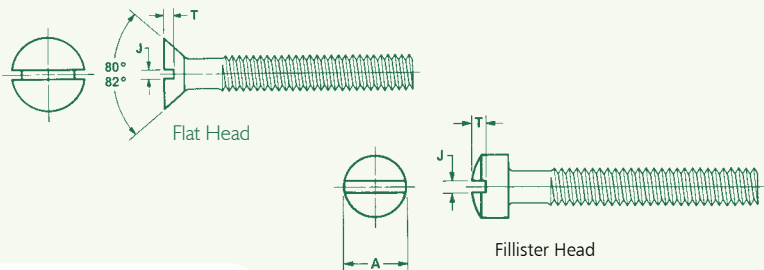


Oval Head

Slotted Drive 一字槽

ANSI B 18.6.3 1972
unit : inch

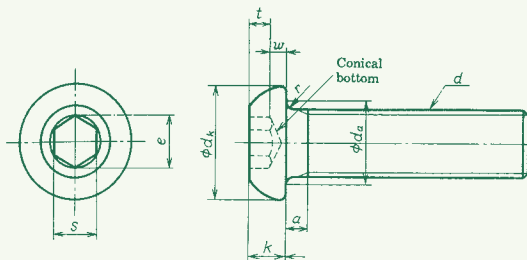
Nominal Size or Basic Screw Diameter	Truss Head				Oval Head				
	J		T		J		T		
	Slot Width		Slot Depth		Slot Width		Slot Depth		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
0000	0.0210	0.009	0.005	0.009	0.005	-	-	-	-
000	0.0340	0.013	0.009	0.013	0.009	-	-	-	-
00	0.0470	0.017	0.010	0.018	0.012	0.017	0.010	0.023	0.016
0	0.0600	0.023	0.016	0.022	0.014	0.023	0.016	0.030	0.025
#1	0.0730	0.026	0.019	0.027	0.018	0.026	0.019	0.038	0.031
#2	0.0860	0.031	0.023	0.031	0.022	0.031	0.023	0.045	0.037
#3	0.0990	0.035	0.027	0.036	0.026	0.035	0.027	0.052	0.043
#4	0.1120	0.039	0.031	0.040	0.030	0.039	0.031	0.059	0.049
#5	0.1250	0.043	0.035	0.045	0.034	0.043	0.035	0.067	0.055
#6	0.1380	0.048	0.039	0.050	0.037	0.048	0.039	0.074	0.060
#8	0.1640	0.054	0.045	0.058	0.045	0.054	0.045	0.088	0.072
#10	0.1900	0.060	0.050	0.068	0.053	0.060	0.050	0.103	0.084
#12	0.2160	0.067	0.056	0.077	0.061	0.067	0.056	0.117	0.096
1/4	0.2500	0.075	0.064	0.087	0.070	0.075	0.064	0.136	0.112
5/16	0.3125	0.084	0.072	0.106	0.085	0.084	0.072	0.171	0.141
3/8	0.3750	0.094	0.081	0.124	0.100	0.094	0.081	0.206	0.170
7/16	0.4375	0.094	0.081	0.142	0.116	0.094	0.081	0.210	0.174
1/2	0.5000	0.106	0.091	0.161	0.131	0.106	0.091	0.216	0.176
9/16	0.5625	0.118	0.102	0.179	0.146	0.118	0.102	0.250	0.207
5/8	0.6250	0.133	0.116	0.196	0.162	0.133	0.116	0.285	0.235
3/4	0.7500	0.149	0.131	0.234	0.182	0.149	0.131	0.353	0.293



Slotted Drive 一字槽

ANSI B 18.6.3 1972
unit : inch

Nominal Size or Basic Screw Diameter	Flat Head				Fillister Head				
	J		T		J		T		
	Slot Width		Slot Depth		Slot Width		Slot Depth		
	Max.		Min.		Max.		Min.		
0000	0.0210	0.008	0.004	0.007	0.003	0.008	0.004	0.012	0.006
000	0.0340	0.011	0.007	0.009	0.005	0.012	0.006	0.017	0.011
00	0.0470	0.017	0.010	0.014	0.009	0.017	0.010	0.022	0.015
0	0.0600	0.023	0.016	0.015	0.010	0.023	0.016	0.025	0.015
#1	0.0730	0.026	0.019	0.019	0.012	0.026	0.019	0.031	0.020
#2	0.0860	0.031	0.023	0.023	0.015	0.031	0.023	0.037	0.025
#3	0.0990	0.035	0.027	0.027	0.017	0.035	0.027	0.043	0.030
#4	0.1120	0.039	0.031	0.030	0.020	0.039	0.031	0.048	0.035
#5	0.1250	0.043	0.035	0.034	0.022	0.043	0.035	0.054	0.040
#6	0.1380	0.048	0.039	0.038	0.024	0.048	0.039	0.060	0.045
#8	0.1640	0.054	0.045	0.045	0.029	0.054	0.045	0.071	0.054
#10	0.1900	0.060	0.050	0.053	0.034	0.060	0.050	0.083	0.064
#12	0.2160	0.067	0.056	0.060	0.039	0.067	0.056	0.094	0.074
1/4	0.2500	0.075	0.064	0.070	0.046	0.075	0.064	0.109	0.087
5/16	0.3125	0.084	0.072	0.088	0.058	0.084	0.072	0.137	0.110
3/8	0.3750	0.094	0.081	0.106	0.070	0.094	0.081	0.164	0.133
7/16	0.4375	0.094	0.081	0.103	0.066	0.094	0.081	0.170	0.135
1/2	0.5000	0.106	0.091	0.103	0.065	0.106	0.091	0.190	0.151
9/16	0.5625	0.118	0.102	0.120	0.077	0.118	0.102	0.214	0.172
5/8	0.6250	0.133	0.116	0.137	0.088	0.133	0.116	0.240	0.193
3/4	0.7500	0.149	0.131	0.171	0.111	0.149	0.131	0.281	0.226

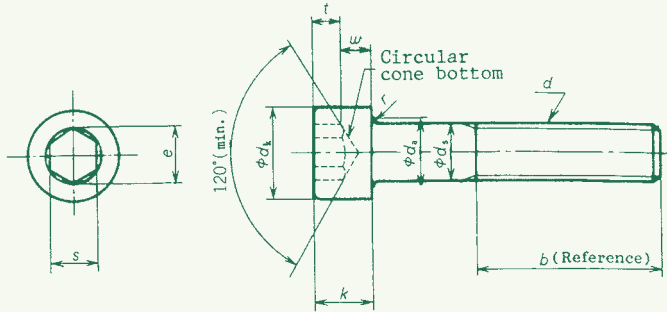


Hexagonal Socket of Button Head

Hexagonal Socket of Button Head 內六角扁圓頭

JIS B1174
unit : mm

Thread size (d)		M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 16
Pitch of screw thread (P)		0.5	0.7	0.8	1	1.25	1.5	1.75	2
a	Max.	1	1.4	1.6	2	2.5	3	3.5	4
	Min.	0.5	0.7	0.8	1	1.25	1.5	1.75	2
da	Max.	3.6	4.7	5.7	6.8	9.2	11.2	13.7	17.7
dk	Max. (reference dimension)	5.7	7.6	9.5	10.5	14	17.5	21	28
	Min.	5.4	7.24	9.14	10.07	13.57	17.07	20.48	27.48
e	Min.	2.3	2.87	3.44	4.58	5.72	6.86	9.15	11.43
k	Max. (reference dimension)	1.65	2.2	2.75	3.3	4.4	5.5	6.6	8.8
	Min.	1.4	1.95	2.5	3	4.1	5.2	6.24	8.44
s	Nominal (reference dimension)	2	2.5	3	4	5	6	8	10
	Max.	2.045	2.56	3.08	4.095	5.095	6.095	8.115	10.115
	Min.	2.02	2.52	3.02	4.02	5.02	6.02	8.025	10.025
t	Min.	1.04	1.3	1.56	2.08	2.6	3.12	4.16	5.2
w	Min.	0.2	0.3	0.38	0.74	1.05	1.45	1.63	2.25



Hexagon Socket Head Cap 內六角杯頭

JIS B1176
unit : mm

Seminal designation of screw thread		M 1.6	M 2	M 2.5	M 3	M 4	M 5	M 6	M 8	
Pitch of screw thread (P)		0.35	0.4	0.45	0.5	0.7	0.8	1	1.25	
b	Reference	15	16	17	18	20	22	24	28	
dk	Max. (Basic size)	3	3.8	4.5	5.5	7	8.5	10	13	
	Max.	3.14	3.98	4.68	5.68	7.22	8.72	10.22	13.27	
	Min.	2.86	3.62	4.32	5.32	6.78	8.28	9.78	12.73	
da	Max.	2	2.6	3.1	3.6	4.7	5.7	6.8	9.2	
ds	Max. (Basic size)	1.6	2	2.5	3	4	5	6	8	
	Min.	1.46	1.86	2.36	2.86	3.82	4.82	5.82	7.78	
e	Min.	1.73	1.73	2.3	2.87	3.44	4.58	5.72	6.86	
k	Max. (Basic size)	1.6	2	2.5	3	4	5	6	8	
	Min.	1.46	1.86	2.36	2.86	3.82	4.82	5.7	7.64	
s	Nominal designation (Basic size)		1.5	1.5	2	2.5	3	4	5	6
	Min.		1.52	1.52	2.02	2.52	3.02	4.02	5.02	6.02
	Max. (1 ⁴)	1 Column	1.560	1.560	2.060	2.580	3.080	4.095	5.140	6.140
2 Column		1.545	1.545	2.045	2.56	3.08	4.095	5.095	6.095	
t	Min.	0.7	1	1.1	1.3	2	2.5	3	4	
dw	Min.	2.72	3.4	4.18	5.07	6.53	8.03	9.38	12.33	
w	Min.	0.55	0.55	0.85	1.15	1.4	1.9	2.3	3.3	



Torx and TX Tamper Resistant 梅花、梅花針槽



	Pan		Flat		Socket Head		Socket Button		Truss		Fillister	
	inch	metric	inch	metric	inch	metric	inch	metric	inch	metric	inch	
T1	-	M0.9	-	M0.9 & M1.0	-	M0.9	-	-	-	-	-	T2
-	M1.0	-	M1.2	-	M1.2	-	-	-	-	-	-	
T3	-	M1.2	-	M1.4	-	M1.2	-	-	-	-	-	
T4	-	-	-	-	-	-	-	-	-	-	-	T5
#0	M1.4 & M1.6	#1	M1.6 & M1.8	-	M1.4 & M1.6	#1	-	-	-	-	-	
T6	#1	M1.8 & M2	#2	M2	#0	M1.8	-	-	-	-	-	
T7	-	-	-	-	#1	-	#3	-	#2	-	#1	
T8	#2 & #3	M2.5	#3 & #4	M2.5	#2 & #3	M2.0 & M2.5	#4	M3	#3	-	#2	
T9	-	-	-	-	-	-	-	-	#4	-	#3	
T10	#4 & #5	M3	#5 & #6	M3	#4 & #5	M3	#5 & #6	M3.5	#5 & #6	M3.5	#4 & #5	
T15	#6	M3.5	#8	M3.5	#6	M3.5	#8	M4	#8	M4	#6	
T20	#8	M4	#10	M4	-	-	-	-	#10	M5	#8	
T25	#10	M5	#12	M5	#8	M4	#10	M5	#12	-	#10	
T27	#12	-	"1/4"	-	#10	M4.5 & M5	"1/4"	M6	"1/4"	-	#12	
T30	"1/4"	M6	"5/16"	M6	"1/4"	M6	-	-	-	M6	"1/4"	
T40	"5/16"	M8	"3/8"	M8	-	M7	"5/16"	M8	"5/16"	M8	"5/16"	
T45	"3/8"	-	"7/16"	-	"5/16"	M8	"3/8"	M10	"3/8" & "7/16"	-	"3/8"	
T50	"7/16"	M10	"1/2"	M10	"3/8"	M10	-	-	"1/2"	M10	"7/16"	
T55	"1/2"	-	"9/16" & "5/16"	-	"7/16" & "1/2"	M12	"1/2"	M12 & M14	"9/16" & "5/8"	M12	"1/2" & "9/16"	
T60	-	-	"3/4"	-	"9/16"	M14	"5/8"	M16	"3/4"	-	"5/8"	
T70	-	-	-	-	"5/8"	M16	-	-	-	-	"3/4"	
T80	-	-	-	-	-	M18	-	-	-	-	-	
T90	-	-	-	-	"3/4"	M20	-	-	-	-	-	
T100	-	-	-	-	"7/8" & "1"	M22 & M24	-	-	-	-	-	