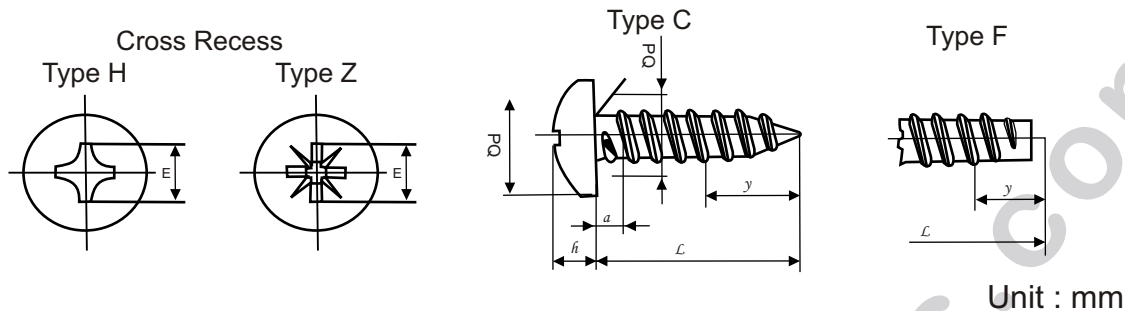


Attached Table 1. Shape and size of Cross Recessed Head Tapping Screw . Pan Head (Type C, Type F)



Unit : mm

Other standards are available at vaishnavfasteners.com

Nominal designation Of Screw thread		ST2.2	ST2.9	ST 3.5	ST 4.2	ST 4.8	ST 4.2	ST 4.8	ST 4.2	ST 9.5		
Pitch		0.8	1.1	1.3	1.4	1.6	1.8	1.8	2.1	2.1		
$a^{(b)}$	Max.	0.8	1.1	1.3	1.4	1.6	1.8	1.8	2.1	2.1		
d_a	Max.	2.8	3.5	4.1	4.9	5.6	6.3	7.3	9.2	10.7		
d_k	Max. (basic size)	4	5.6	7	8	9.5	11	12	16	20		
	Min.	3.7	5.3	6.64	7.64	9.14	10.57	11.57	15.57	19.48		
k	Max.	1.6	2.4	2.6	3.1	3.7	4	4.6	6	7.5		
	Min.	1.4	2.15	2.35	2.8	3.4	3.7	4.3	5.6	7.1		
r	Min.	0.1	0.1	0.1	0.2	0.2	0.25	0.25	0.4	0.4		
r1	About	3.2	5	6	6.5	8	9	10	13	16		
Number Of Cross Recess		0	1	2			3		4			
Type H Cross Recess	m	Reference	2.0	3.0	1.1	4.6	5.1	6.5	7.0	9.0	10.2	
	q(s)	Min.	0.85	1.4	1.4	1.9	2.4	2.6	3.1	4.0	5.2	
		Max.	1.2	1.8	1.9	2.4	2.9	3.1	3.6	4.6	5.8	
Type Z Cross Recess	m	Reference	2.0	2.9	1.0	4.4	4.8	6.3	6.8	8.8	10.0	
	q(s)	Min.	0.85	1.45	1.5	1.95	2.3	2.55	3.05	4.05	5.25	
		Max.	1.2	1.75	1.9	2.35	2.75	3	3.5	4.5	5.7	
(Reference) y ⁽⁷⁾	Case of Type C	2	2.6	3.2	3.7	4.3	5	6.	7.5	8		
	Case of Type F	1.6	2.1	2.5	2.8	3.2	3.6	3.6	4.2	4.2		
nominal length	Case Of Type F		Case Of Type F									
	Min	Max.	Min	Max.								
4.5	3.7	5.3	3.7	4.5	—	—	—	—	—	—	—	—
6.5	5.7	7.3	5.7	6.5	—	—	—	—	—	—	—	—
9.5	8.7	10.3	8.7	9.5	—	—	—	—	—	—	—	—
13	12.2	13.8	12.2	13	—	—	—	—	—	—	—	—
16	15.2	16.8	15.2	16	—	—	—	—	—	—	—	—
19	18.2	19.8	18.2	19	—	—	—	—	—	—	—	—
22	21.2	22.8	20.7	22	—	—	—	—	—	—	—	—
25	24.2	25.8	23.7	25	—	—	—	—	—	—	—	—
32	30.7	33.3	30.7	32	—	—	—	—	—	—	—	—
38	36.7	39.3	36.7	38	—	—	—	—	—	—	—	—
45	48.7	46.3	43.5	45	—	—	—	—	—	—	—	—
50	48.7	51.3	48.5	50	—	—	—	—	—	—	—	—

Note (5) a indicates the length of incomplete thread at the under head part,
 (6) a indicates the gauge recessed depth of cross recess,
 (7) a indicates the length of taper part for reference.

Remark : The nominal length (l) recommended for the nominal designation of screw thread shall be within the frame marked with thick lines and the length shorter than those show above the thick lines of the upper column shall not be used.