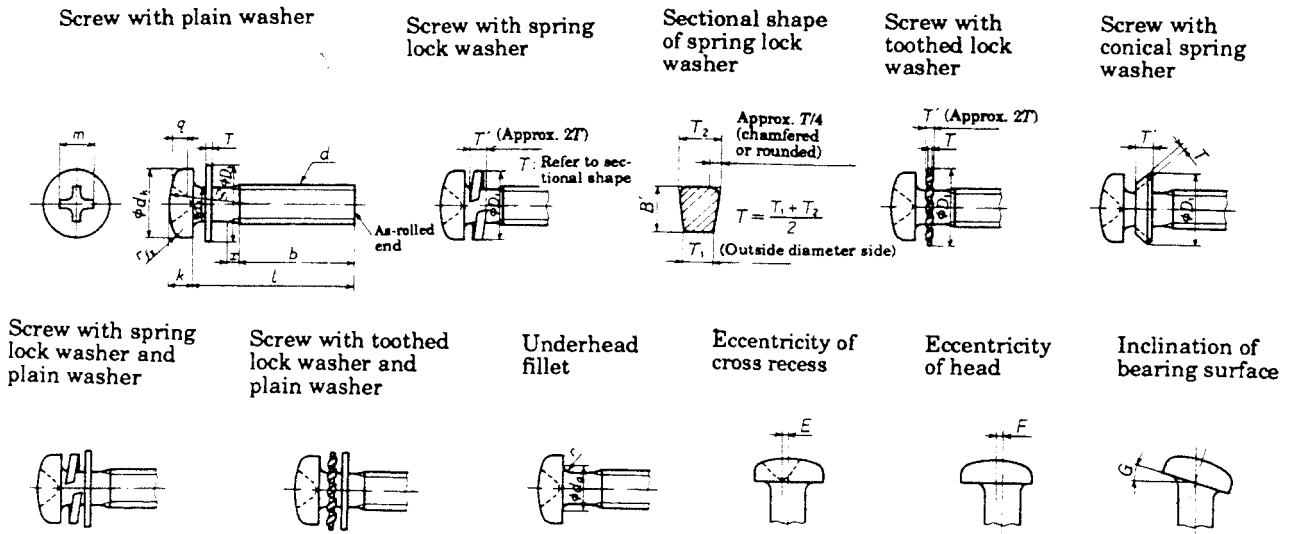


Attached Table 1. Cross recessed pan head screw with washer



Unit: mm

Designation of screw thread		M2	M2.5	M3	(M3.5)	M4	M5	M6	M8	
Screw	d_k	$3.5_{-0.4}^0$	$4.5_{-0.4}^0$	$5.5_{-0.5}^0$	$6_{-0.5}^0$	$7_{-0.5}^0$	$9_{-0.6}^0$	$10.5_{-0.7}^0$	$14_{-0.8}^0$	
	k	1.3 ± 0.1	1.7 ± 0.1	2 ± 0.15	2.3 ± 0.15	2.6 ± 0.15	3.3 ± 0.15	3.9 ± 0.2	5.2 ± 0.2	
	r_n (Approx.)	4.5	6	7	8	9	12	14	18	
	r_s (Approx.)	0.6	0.8	1.0	1.1	1.3	1.6	1.9	2.6	
	Cross recess	No. of cross recess	1	1	2	2	2	2	3	3
		m (Ref.)	2.2	2.6	3.6	3.9	4.2	4.9	6.3	7.8
		q (14)	0.60 to 1.01	1.00 to 1.42	0.86 to 1.43	1.15 to 1.73	1.45 to 2.03	2.14 to 2.73	2.26 to 2.86	3.73 to 4.36
	r (Min.) (15)	—	—	—	—	—	—	—	—	0.1
	d_o (Max.)	1.8	2.3	2.8	3.3	3.8	4.7	5.6	7.5	
	E (Max.) (16)	0.15	0.2	0.25	0.25	0.3	0.35	0.4	0.5	
	F (Max.) (16)	0.1	0.15	0.2	0.2	0.2	0.25	0.3	0.4	
G (Max.)	2°	2°	2°	2°	2°	2°	2°	2°		
Plain washer	Small round	D_1	$4.3_{-0.3}^0$	$5_{-0.3}^0$	$6_{-0.3}^0$	$7_{-0.35}^0$	$8_{-0.35}^0$	$10_{-0.35}^0$	$11.5_{-0.4}^0$	$15.5_{-0.4}^0$
		T	0.3 ± 0.04	0.5 ± 0.05	0.5 ± 0.05	0.5 ± 0.05	0.8 ± 0.1	1.0 ± 0.1	1.6 ± 0.15	1.6 ± 0.15
	Polished round	D_1	$5_{-0.3}^0$	$6.5_{-0.35}^0$	$7_{-0.35}^0$	$9_{-0.35}^0$	$9_{-0.35}^0$	$10_{-0.35}^0$	$12.5_{-0.4}^0$	$17_{-0.4}^0$
		T	0.3 ± 0.04	0.5 ± 0.05	0.5 ± 0.05	0.5 ± 0.05	0.8 ± 0.1	1 ± 0.1	1.6 ± 0.15	1.6 ± 0.15
Spring lock washer (No. 2 for assembly)	D_1 (Max.)	4	4.8	5.5	6.2	7	8.5	11.5	14.5	
	B' (Min.) \times T (Min.)	0.9×0.5	1×0.6	1.1×0.7	1.2×0.8	1.4×1	1.7×1.3	2.7×1.5	3.2×2	
	Free height after compression test (Min.)	0.85	1	1.2	1.35	1.7	2.2	2.5	3.35	
External toothed lock washer	D_1	—	—	$6.5_{-0.4}^0$	$7.5_{-0.4}^0$	$8.5_{-0.4}^0$	$10_{-0.4}^0$	$11_{-0.5}^0$	$15_{-0.5}^0$	
	T	—	—	0.45 ± 0.035	0.45 ± 0.035	0.45 ± 0.035	0.6 ± 0.04	0.6 ± 0.04	0.8 ± 0.05	
	Number of teeth (17)	—	—	8	8	9	10	12	12	
Conical spring washer (Class 1 light load for assembly)	D_1	—	—	$7_{-0.25}^0$	—	$9_{-0.25}^0$	$10_{-0.25}^0$	$12.5_{-0.3}^0$	$17_{-0.3}^0$	
	T	—	—	0.5 ± 0.035	—	0.7 ± 0.045	0.8 ± 0.05	1 ± 0.055	1.4 ± 0.07	
	T (Standard)	—	—	0.75	—	0.95	1.1	1.35	1.85	
	Height after test (Min.)	—	—	0.6	—	0.8	0.9	1.15	1.6	