

SCREWS FOR THERMOPLASTICS – SERIES IPT

APPLICATION

Screws designed to allow plastic flow during installation with a 30° thread flank angle to limit boss stress and an 8° thread pitch angle for minimum installation torque. High resistance to vibrations and plastic relaxation. Contact us for the complete installation specifications.



SERIES IPT – Flanged button head screws

d	H	P	D Phillips	D Pozi	D T-Drive
2.2	1.60	0.98	4.40 (H1)	4.40 (Z1)	4.50 (T6)
2.5	1.80	1.12	5.00 (H1)	5.00 (Z1)	5.00 (T6)
3	2.10	1.34	6.00 (H1)	6.00 (Z1)	6.00 (T10)
3.5	2.40	1.57	7.00 (H2)	7.00 (Z2)	7.00 (T10)
4	2.50	1.79	8.00 (H2)	8.00 (Z2)	8.00 (T20)
5	3.20	2.24	10.00 (H2)	10.00 (Z2)	10.00 (T20)
6	4.00	2.69	12.00 (H3)	12.00 (Z3)	12.00 (T25)

SERIES IPT – Button head screws

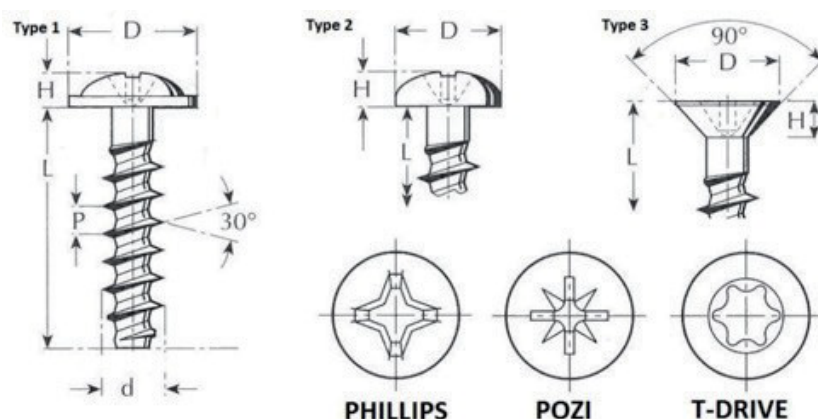
d	H	P	D Phillips	D Pozi	D T-Drive
2.2	1.50	0.98	3.90 (H1)	3.90 (Z1)	4.00 (T6)
2.5	1.70	1.12	4.40 (H1)	4.40 (Z1)	4.20 (T7)
3	2.00	1.34	5.30 (H1)	5.30 (Z1)	5.60 (T10)
3.5	2.50	1.57	6.10 (H2)	6.10 (Z2)	6.90 (T10)
4	2.70	1.79	7.00 (H2)	7.00 (Z2)	7.50 (T20)
5	3.40	2.24	8.80 (H2)	8.80 (Z2)	8.20 (T20)
6	4.00	2.69	10.50 (H3)	10.50 (Z3)	10.80 (T25)

SERIES IPT – Countersunk head screws

d	H	P	D Phillips	D Pozi	D T-Drive
2.2	1.30	0.98	3.80 (H1)	3.80 (Z1)	3.80 (T6)
2.5	1.75	1.12	4.70 (H1)	4.70 (Z1)	4.70 (T8)
3	2.05	1.34	5.50 (H1)	5.50 (Z1)	5.50 (T8)
3.5	2.80	1.57	7.30 (H2)	7.30 (Z2)	7.30 (T15)
4	3.25	1.79	8.40 (H2)	8.40 (Z2)	8.40 (T20)
5	3.40	2.24	9.30 (H2)	9.30 (Z2)	9.30 (T20)
6	3.80	2.69	11.30 (H2)	11.30 (Z2)	11.30 (T30)

STANDARD LENGTHS

d	L Length +/- 0.25										
2.2	5	6	8	10	12						
2.5	5	6	8	10	12	14	16	18			
3		6	8	10	12	14	16	18	20	25	30
3.5			8	10	12	14	16	18	20	25	30
4			8	10	12	14	16	18	20	25	30
5				10	12	14	16	18	20	25	30 35
6					12	14	16	18	20	25	30 35



MATERIALS AND FINISH

- Steel zinc clear passivation
- Steel zinc black passivation
- Stainless
- Other materials and finishes on request