

Technical Data

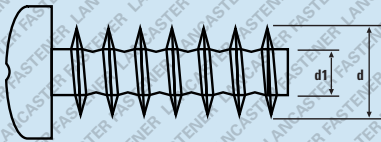
Plas-Tech® 30 Screws

METRIC Series Thread Forming Screws for Plastic Applications



Head Dimensions, Thread Dimensions & Length Tolerances

SCREW SIZE DIA & PITCH	HEAD DIMENSIONS															
	PAN						CSK (90°)				FLANGE					
	DIA MAX		DEPTH		RECESS SIZE		ABSOLUTE DIA MAX (SHARP EDGE)	DEPTH REF	RECESS SIZE		DIA MAX		DEPTH		RECESS SIZE	
	CROSS RECESS	T-DRIVE®	CROSS RECESS	T-DRIVE®	CROSS RECESS	T-DRIVE®			CROSS RECESS	T-DRIVE®	CROSS RECESS	T-DRIVE®	CROSS RECESS	T-DRIVE®	CROSS RECESS	T-DRIVE®
1.8 X 0.80	3.20	3.60	1.20	1.30	0	T6	-	-	-	-	-	-	-	-	-	-
2.2 X 0.98	3.90	4.00	1.50	1.50	1	T6	3.80	1.30	1	T6	4.40	4.50	1.60	1.40	1	T6
2.5 X 1.12	4.40	4.20	1.70	1.60	1	T7	4.70	1.75	1	T8	5.00	5.00	1.80	1.50	1	T6
3.0 X 1.34	5.30	5.60	2.00	2.10	1	T10	5.50	2.05	1	T8	6.00	6.00	2.10	2.10	1	T10
3.5 X 1.57	6.10	6.90	2.50	2.30	2	T10	7.30	2.80	2	T15	7.00	7.00	2.40	2.40	2	T10
4.0 X 1.79	7.00	7.50	2.70	2.60	2	T20	8.40	3.25	2	T20	8.00	8.00	2.50	2.60	2	T20
5.0 X 2.24	8.80	8.20	3.40	2.90	2	T20	9.30	3.40	2	T20	10.00	10.00	3.20	3.30	2	T20
6.0 X 2.69	10.50	10.80	4.00	3.80	3	T25	11.30	3.80	2	T30	12.00	12.00	4.00	3.60	3	T25



Typical Soft Plastics:
NYLON, ABS
 Typical Hard Plastics:
POLYCARBONATE & MODIFIED PPO

SCREW SIZE DIA & PITCH	BODY DIAMETER		
	d		d1
	MAX	MIN	NOM
1.8 X 0.8	1.90	1.80	1.04
2.2 X 0.98	2.34	2.20	1.25
2.5 X 1.12	2.64	2.50	1.40
3.0 X 1.34	3.15	3.00	1.66
3.5 X 1.57	3.68	3.50	1.91
4.0 X 1.79	4.18	4.00	2.17
5.0 X 2.24	5.20	5.00	2.68
6.0 X 2.69	6.20	6.00	3.19

SCREW SIZE DIA & PITCH	SUGGESTED HOLE SIZES			
	POLY PROP	NYLON	GLASS FILLED	POLY CARB
1.8 X 0.8	1.26	1.35	1.44	1.53
2.2 X 0.98	1.54	1.65	1.76	1.87
2.5 X 1.12	1.75	1.87	2.00	2.12
3.0 X 1.34	2.10	2.25	2.40	2.55
3.5 X 1.57	2.45	2.62	2.80	2.97
4.0 X 1.79	2.80	3.00	3.20	3.40
5.0 X 2.24	3.50	3.75	4.00	4.25
6.0 X 2.69	4.20	4.50	4.80	5.10

SCREW SIZE DIA & PITCH	LENGTH TOLERANCES	
	NOM LENGTH MM	TOL MM
4 - 6		+/- 0.60
7 - 10		+/- 0.75
12 - 18		+/- 0.90
20 - 30		+/- 1.05
35 - 50		+/- 1.25
60		+/- 1.50

Dimensions in Millimetres

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 E. & O. E.
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