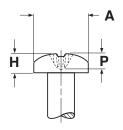
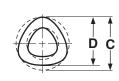
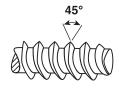
## Pan Hd Type-Z Plastite® / Plas-Fix®-45 Alternatives

## THREAD FORMING SCREWS









Nominal Screw Size	G Head Diameter		T Head Height		P Recess Penetration Gaging Depth	Recess Size	C Diameter of Circumscribing Circle		D Measurements Across Center		Recommended Pilot Hole Sizes	
M2.2	4.24	3.94	1.57	1.43	1	1	2.25	2.15	2.15	2.05	1.47	1.79
M2.5	4.00	3.70	1.60	1.46	1.1	1	2.55	2.41	2.5	2.37	1.85	2.05
МЗ	5.00	4.70	1.95	1.81	1.35	1	3.05	2.92	3	2.87	2.30	2.50
M3.5	6.00	5.70	2.30	2.16	1.45	1	3.55	3.42	3.5	3.34	2.75	3.00
M4	7.00	6.61	2.45	2.31	1.9	2	4.06	3.89	4	3.79	3.20	3.45
M5	8.00	7.64	2.80	2.66	2.3	2	5.06	4.89	5	4.79	3.70	4.10
M6	10.00	9.64	3.50	3.32	-	2	6.06	5.89	5.95	5.78	4.70	5.10

Tolerance on Length	M2.2 (All Lengths): ±0.8	M2.5 thru M5, up to 20mm: ±0.8	M2.5 thru M5, Over 20mm: ±1.3	M6 (All Lengths): ±1.3

Description	Trilobular thread-rolling screw with extra wide spacing between 45° profile threads and a single lead thread that extends from the blunt point.  Head is gently rounded. Recess features a large center opening; wide, straight wings; and a blunt bottom.
Applications/ Advantages	Thermoplastics, engineering resins and certain thermosets. Sharper thread profile increases holding strength while reducing material displacement. Drive and strip torques are higher, reducing the need for inserts or reinforcing clips.
	Steel
Material	AISI 1022 steel
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum.
Case Hardness	HV 450 minimum
Case Depth	<i>M2 thru M3.5 diameters:</i> 0.05 - 0.18 mm <i>M4 &amp; M5 diameters:</i> 0.10 - 0.25 mm <i>M6 diameter:</i> 0.13 - 0.28 mm
Core Hardness (after tempering)	HV 250 - 380
Plating	Screws have a RoHS-compliant zinc finish.

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