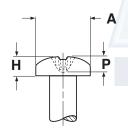
Pan Hd Type-Z Plastite® / Plas-Fix®-45 Alternatives

THREAD FORMING SCREWS

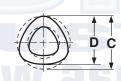
±1.3

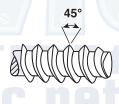


M2.2 (All Lengths): ±0.8

Length







Pan Type-Z Plastite® Plas-Fix® 45° Alternative Thread Rolling Screws												
	G Head Diameter		T Head Height		P Recess Penetration Gaging Depth	Recess Size	C Diameter of Circumscribing Circle		D Measurements Across Center			
Nominal Screw Size											Recommended Pilot Hole Sizes	
	Max	Min	Max	Min	Min		Max	Min	Max	Min	Min	Max
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		M2 2 (All I engths): +0 8			M2.5 thru M5. up to 20mm: +0.8			M2.5 thru M5, Over 20mm:			M6 (All Lengths):	

M2.5 thru M5, up to 20mm: ±0.8

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 & 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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±1.3