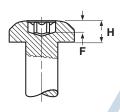
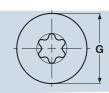
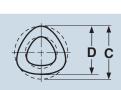
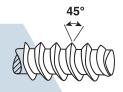
THREAD FORMING SCREWS

Pan Hd Six-Lobe Plastite® / Plas-Fix®-45 Alternatives









Pan Six-Lobe Plastite® Plas-Fix® 45° Alternative Thread Rolling Screws													
Nominal Screw Size	G		Т		F		С		D			Recommended	
	Head Diameter		Head Height		Recess Depth Driver Size	Diameter of Circumscribing Circle		Measurements Across Center		Minimum Out-Of- Round	Pilot Hole Sizes		
	Max	Min	Max	Min	Min		Max	Min	Max	Min		Min	Max
M2.5	4.00	3.70	1.60	1.46	0.64	T6	2.55	2.41	2.5	2.37	.05	1.85	2.05
МЗ	5.00	4.70	1.95	1.81	0.76	T8	3.05	2.92	3	2.87	.05	2.30	2.50
M3.5	6.00	5.70	2.30	2.16	0.89	T10	3.55	3.42	3.5	3.34	.08	2.75	3.00
M4	7.00	6.61	2.45	2.31	1.14	T15	4.06	3.89	4	3.79	.10	3.20	3.45
M5	8.00	7.64	2.80	2.66	1.40	T20	5.06	4.89	5	4.79	.10	3.70	4.10
Tolerance on Length								M2 thru M5, up to 20mm: ±0.8			M2 thru M5, Over 20mm: ±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 with a hexlobular recess for driving the screw.								
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	M2 thru M3.5 diameters: 0.05 - 0.18 mm <i>M4 & M5 diameters:</i> 0.10 - 0.25 mm								
Core Hardness (after tempering)	HV 250 - 380								
Plating	Screws have a RoHS-compliant zinc finish.								

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