THREAD FORMING SCREWS

Type-PT® Alternative Recommended Hole Sizes

Hole Size Recommendations for EJOT® Type-PT®-Alternatives

EJOT®

Material		Nominal Screw Diameter				
		M2.2	M2.5	M3	M3.5	M4
ABS	Acrynonitrile Butadiene Styrene	1.76	2	2.4	2.8	3.2
ABS PC Blend	Same as above with the addition of reclaimed material as an additive, a/k/a regrind	1.76	2	2.4	2.8	3.2
ASA	Acrylonitrile Styrene Acrylate	1.716	1.95	2.34	2.73	3.12
PA 4.6	Polyamide, generic name for nylon; 4.6 references polymer chain	1.606	1.825	2.19	2.555	2.92
PA 6	Same as above, differing polymer structure and applicatopn properties	1.65	1.875	2.25	2.625	3
PA 6.6	Same as above	1.65	1.875	2.25	2.625	3
PBT	Polybutylene Terephthalate	1.65	1.875	2.25	2.625	3
PE - LD	Polyethelene- Low density Polymer	1.54	1.75	2.1	2.45	2.8
PE - HD	Polyethylene- High Density Polymer	1.65	1.875	2.25	2.625	3
PET	Polymer blend of Terephtalate. Delrin is a trade name PET	1.65	1.875	2.25	2.625	3
PET-GF 30	Same as above w/ 30% glass reinforcement (fiber glass chards molded in during injection)	1.76	2	2.4	2.8	3.2
POM	Polyoxymethylene	1.65	1.875	2.25	2.625	3
POM-GF 30	Same as above w/ 30% glass reinforcement	1.76	2	2.4	2.8	3.2
PP	Polypropylene	1.54	1.75	2.1	2.45	2.8
PP - GF 30	Same as above w/ 30% glass reinforcement	1.584	1.8	2.16	2.52	2.88
PP - TV 20	Polypropylene w/ 20% reclaimed materials	1.584	1.8	2.16	2.52	2.88
PS	Polystyrene	1.76	2	2.4	2.8	3.2
PVC	Polyvinyl Chloride	1.76	2	2.4	2.8	3.2
SAN	Styrene Acrylonitrile Resin	1.694	1.925	2.31	2.695	3.08
High Strength Materials with High Torques*		**M2.2**	**M2.5**	**M3**	**M3.5**	**M4**
PA 4.6 - GF 30	Glass reinforced polyamide (glass filled nylon)	1.76	2	2.4	2.8	3.2
PA 6 - GF 30	Same as above, with differing polymer and application properties					
PA 6.6 - GF 30	Same as above, with differing polymer and application properties					
PBT-GF30	Glass reinforced Polybutylene Terphthalate					
PC	Polycarbonate					
PC GF 30	Glass reinforced polycarbonate					
PMMA	Polymethylmrthacrylate					
PPO	Polyphenal Ether					
PEEK	Polyetheretherketone					
PPS	Polyphenylene Sulfide					

* For materials with high filler content or high internal strength, the optimum hole diameter can be increased to 0.88(d) where d is the nominal diameter of the screw.

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