METRIC FASTENERS

THREAD FORMING SCREWS

Type-PT® Alternative Recommended Hole Sizes

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

Material		Nominal Screw Diameter							
		M1.6	M2	M2.2	M2.5	M3	M3.5	M4	M5
ABS	Acrynonitrile Butadiene Styrene	1.28	1.6	1.76	2	2.4	2.8	3.2	4
ABS PC Blend	Same as above with the addition of reclaimed material as an additive, a/k/a regrind	1.28	1.6	1.76	2	2.4	2.8	3.2	4
ASA	Acrylonitrile Styrene Acrylate	1.248	1.56	1.716	1.95	2.34	2.73	3.12	3.9
PA 4.6	Polyamide, generic name for nylon; 4.6 references polymer chain	1.168	1.46	1.606	1.825	2.19	2.555	2.92	3.65
PA 6	Same as above, differing polymer structure and applicatopn properties	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
PA 6.6	Same as above	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
PBT	Polybutylene Terephthalate	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
PE - LD	Polyethelene- Low density Polymer	1.12	1.4	1.54	1.75	2.1	2.45	2.8	3.5
PE - HD	Polyethylene- High Density Polymer	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
PET	Polymer blend of Terephtalate. Delrin is a trade name PET	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
PET-GF 30	Same as above w/ 30% glass reinforcement (fiber glass chards molded in during injection)	1.28	1.6	1.76	2	2.4	2.8	3.2	4
POM	Polyoxymethylene	1.2	1.5	1.65	1.875	2.25	2.625	3	3.75
POM-GF 30	Same as above w/ 30% glass reinforcement	1.28	1.6	1.76	2	2.4	2.8	3.2	4
PP	Polypropylene	1.12	1.4	1.54	1.75	2.1	2.45	2.8	3.5
PP - GF 30	Same as above w/ 30% glass reinforcement	1.152	1.44	1.584	1.8	2.16	2.52	2.88	3.6
PP - TV 20	Polypropylene w/ 20% reclaimed materials	1.152	1.44	1.584	1.8	2.16	2.52	2.88	3.6
PS	Polystyrene	1.28	1.6	1.76	2	2.4	2.8	3.2	4
PVC	Polyvinyl Chloride	1.28	1.6	1.76	2	2.4	2.8	3.2	4
SAN	Styrene Acrylonitrile Resin	1.232	1.54	1.694	1.925	2.31	2.695	3.08	3.86
High Strength Materials with High Torques*		**M1.6**	**M2**	**M2.2**	**M2.5**	**M3**	**M3.5**	**M4**	**M5**
PA 4.6 - GF 30	Glass reinforced polyamide (glass filled nylon)	1.28	1.6	1.76	2	2.4	2.8	3.2	4
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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