

PT[®]-screw thermoplastic screw

General information:

PT is the ideal special screw for thermoplastic and stands up to the industry's demands on quality, function and economy. The design of the PT-screw with 30° thread angle, 8° thread pitch and concave thread bottom is a design that guarantees low tightening torque, a large margin against overtightening and vibration resistance. The screw is very easy to assemble and perfect for automatic assembly.



Material:

10.9 hardened.
Stainless steel A2-A4.

Assembly instruction:

In the table below recommendations are given for all normally occurring plastic materials and qualities.

Performance:

Pan head with Torx[®] as standard. Other performances, head shapes, dimensions, surface treatments which are parts of the manufacturing standard, are available on request.

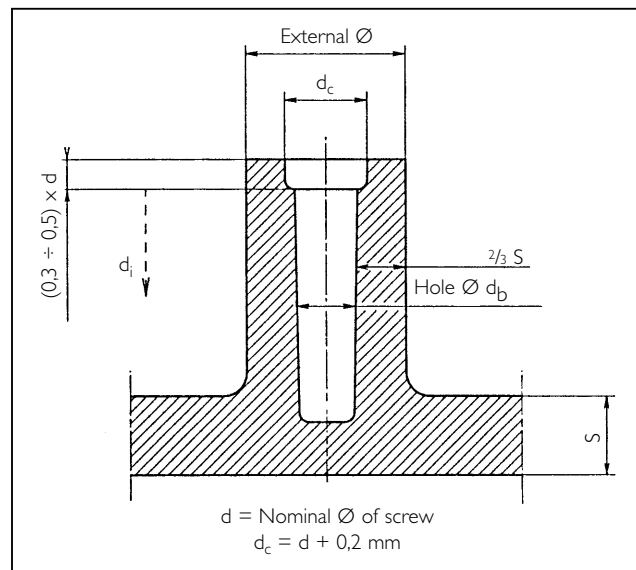


Table 134

Material	Hole Ø d_b	External Ø	Insertion, depth d_i
ABS	$0.80 \times d$	$2.00 \times d$	$2.00 \times d$
ABS PC Blend	$0.80 \times d$	$2.00 \times d$	$2.00 \times d$
ASA	$0.78 \times d$	$2.00 \times d$	$2.00 \times d$
PA 4.6	$0.73 \times d$	$1.85 \times d$	$1.80 \times d$
PA 4.6 - GF 30	$0.78 \times d$	$1.85 \times d$	$1.80 \times d$
PA 6	$0.75 \times d$	$1.85 \times d$	$1.70 \times d$
PA 6 - GF 30	$0.80 \times d$	$2.00 \times d$	$1.90 \times d$
PA 6.6	$0.75 \times d$	$1.85 \times d$	$1.70 \times d$
PA 6.6 - GF 30	$0.82 \times d$	$2.00 \times d$	$1.80 \times d$
PBT	$0.75 \times d$	$1.85 \times d$	$1.70 \times d$
PBT - GF 30	$0.80 \times d$	$1.80 \times d$	$1.70 \times d$
PC	$0.85 \times d$	$2.50 \times d$	$2.20 \times d$
PC - GF 30	$0.85 \times d$	$2.20 \times d$	$2.00 \times d$
PE-LD	$0.70 \times d$	$2.00 \times d$	$2.00 \times d$
PE-HD	$0.75 \times d$	$1.80 \times d$	$1.80 \times d$
PET	$0.75 \times d$	$1.85 \times d$	$1.70 \times d$
PET - GF 30	$0.80 \times d$	$1.80 \times d$	$1.70 \times d$
PMMA	$0.85 \times d$	$2.00 \times d$	$2.00 \times d$
POM	$0.75 \times d$	$1.95 \times d$	$2.00 \times d$
PP	$0.70 \times d$	$2.00 \times d$	$2.00 \times d$
PP - GF 30	$0.72 \times d$	$2.00 \times d$	$2.00 \times d$
PP - TF 20	$0.72 \times d$	$2.00 \times d$	$2.00 \times d$
PPO	$0.85 \times d$	$2.50 \times d$	$2.20 \times d$
PS	$0.80 \times d$	$2.00 \times d$	$2.00 \times d$
PVC (hard)	$0.80 \times d$	$2.00 \times d$	$2.00 \times d$
PEEK	$0.85 \times d$	$2.00 \times d$	$2.00 \times d$
SAN	$0.77 \times d$	$2.00 \times d$	$1.90 \times d$