

DELTA PT[®]

Screw for plastic

Delta PT[®] fasteners are engineered to provide maximum performance in a wide range of thermoplastics.

The improved thread design results in a stronger fastener that creates optimal material flow during installation, providing higher performance, better clamp loads and increased joint life.

Main Properties

- Provides optimal performance in all types of thermoplastics
- Provides increased torsional and tensile strength over PT[®] fasteners
- Provides high strength and in-place reliability
- Can achieve higher clamp loads

Features

Flank geometry engineered to provide better material flow during installation:

- Provides high flank engagement
- Can achieve higher clamp loads and seating torques
- Optimizes material flow
- May allow use of shorter fasteners and/or smaller diameters, if necessary

Larger fastener cross-section:

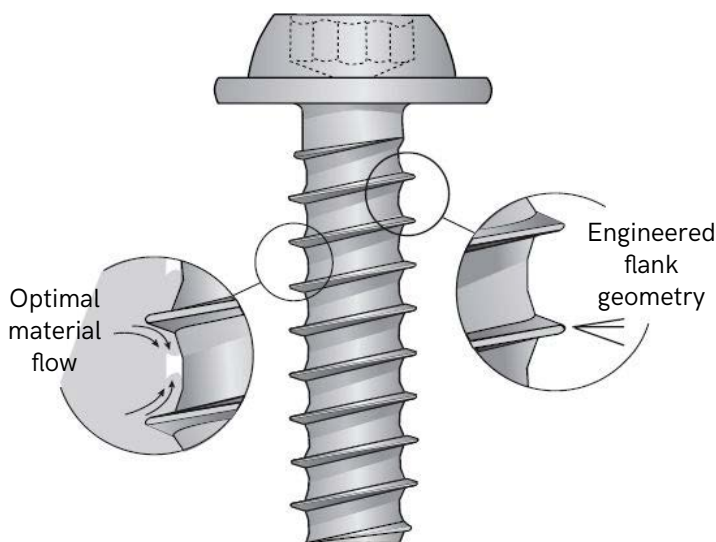
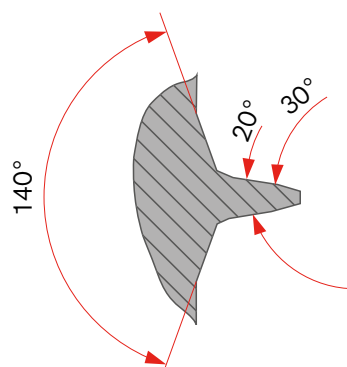
- Increases shear area and fastener strength
- Provides increased torsional and tensile strength

Optimized pitch:

- Allows high clamp load with smaller contact pressure
- Minimizes radial stress

Specifications

- Sizes: \varnothing 2.5 to 8 mm; other sizes may be available upon request
- Head Styles: Can be used with any head design
- Specials: Shoulder screws, sems, double end studs, collar studs; others as required.
- Drive System: Can use any system.
- Finish: As required.
- Applications: Thermoplastics with a flexural modulus up to 9700 N/mm².



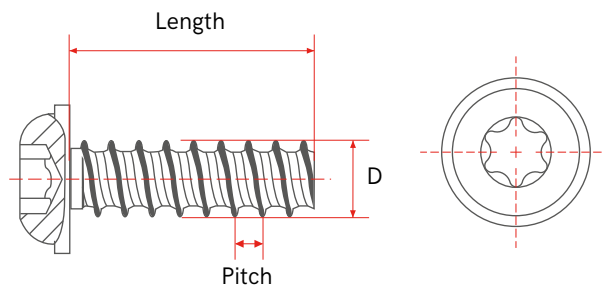
DELTA PT[®]

Screw for plastic

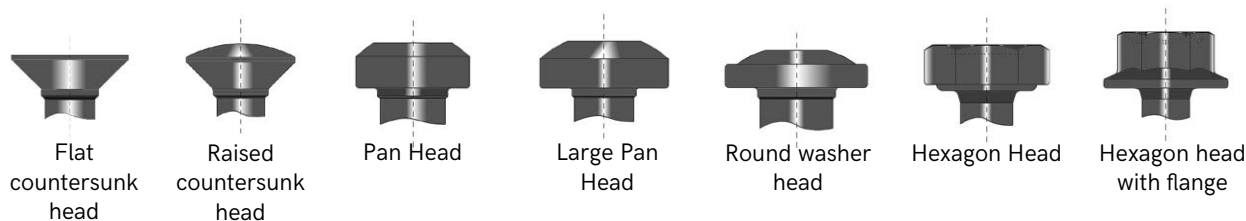
Technical data sheet

Material : Steel class 1000N/mm²
 Hardness: 320 to 380 HV10

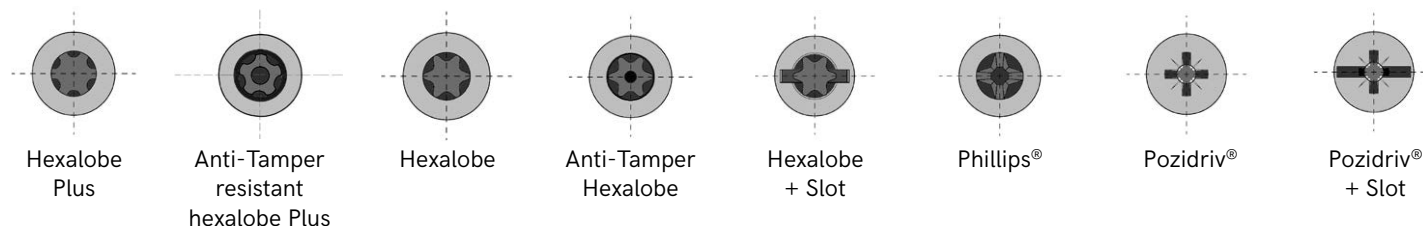
Other materials allowed



Head shapes



Socket type



Dia nom.	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0
D	2.50 - 2.60	3.00 - 3.10	3.50 - 3.60	4.00 - 4.10	4.50 - 4.60	5.00 - 5.15	6.00 - 6.15	7.00 - 7.18	8.00 - 8.18
Pitch	0.95	1.12	1.29	1.46	1.63	1.80	2.14	7.18	2.82
Length									
4	+/- 0.375								
6	+/- 0.375								
8	+/- 0.45								
10	+/- 0.45								
12	+/- 0.55								
16	+/- 0.55								
18	+/- 0.55								
20	+/- 0.65								
25	+/- 0.65								
30	+/- 0.65								
35	+/- 0.80								
40	+/- 0.80								
45	+/- 0.80								
50	+/- 0.80								
60	+/- 0.95								
70	+/- 0.95								

Values in mm