

**STANLEY**  
Engineered Fastening



# Engineered Standards<sup>®</sup> Catalog

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# Worldwide Fastening Solutions

In today's marketplace, component standardization and shorter lead times have become critical to manufacturers. To meet that need, we have identified a broad range of engineered threaded fasteners designed to provide engineers with the quality of the product line while enhancing their ability to commonize components and reduce time to market. While these products are highly engineered, their availability as standards allows you to access them faster at highly competitive prices.

- Many products are in-stock for immediate delivery
- Lower costs versus specials
- Fast turnaround on quotes
- Lower in-place costs
- Easier ordering processes
- Shorter lead times
- Assists in part consolidation and standardization efforts
- Smaller minimum order quantities
- Faster access to samples for prototypes and testing

Our broad product line is readily available to meet your needs around the world. While the product offering in this catalog is extensive, virtually all of the products shown here can be customized to meet the needs of your application.

## Pricing Information

Our competitive pricing, immediate quotes and shorter lead times offer a number of benefits to manufacturers. Pricing on all products in this catalog is immediately available by calling 1-855-441-3102, or a STANLEY Engineered Fastening distributor.

## Delivery Information

Often orders can be shipped within 24 hours of receipt. This can be particularly critical during the product design phase, as you now have access to production parts for prototypes or testing. For those that can't be shipped immediately, the manufacturing processes for our Engineered Standards® allow us to offer much shorter lead times than the market is accustomed.

## Ordering Information

To place an order, find out product availability or locate a distributor in your area, call 1-855-441-3102. To better serve you, some orders may be directed to a distributor.

STANLEY Engineered Fastening is a global leader in providing cost-saving fastening solutions to the widest range of industries and applications. Our unique combination of expertise, manufacturing capability and product quality makes us the single-source solution for fasteners, cold-formed components, installation tools and assembly systems.

## System Solutions

Total system solutions require more than a fastener. For that reason, STANLEY Engineered Fastening is here to provide the complete package you need to lower costs, optimize manufacturing efficiency and ensure top-quality products. From initial design to the assembly line, STANLEY Engineered Fastening is your single source supplier for fastening solutions.



## Design Support

We offer design and applications assistance, product teardowns, fastener testing, fastening strategy development, on-site assembly line analysis, product prototypes and more.



## Logistics Services

Global vendor-managed inventory programs, global warehousing and distribution programs, global supply capabilities, JIT and Kan Ban programs, custom packaging and more are among our complete range of logistics services. These capabilities allow us to design a custom program to meet your global requirements.

## Non-Standard Items

We recognize that all applications are unique and may require fastening solutions that are not considered standard. Because we offer such extensive manufacturing capabilities, you can customize the fastener to meet the specific needs of your applications.

## Customizable Product Features

### Materials:

Our manufacturing capabilities allow us to manufacture products from low carbon steel, medium carbon and alloy steel, stainless steel, aluminum, brass, copper, high technology alloys and other materials.

### Platings:

We offer the complete range of platings. The most commonly used include phosphate and zinc. To match your color requirements, we offer zinc and various color dichromates or an Acu® Coat™ finish.

### Diameters:

For a wide range of products, we can manufacture sizes as small as 1mm in metric and #000 in inch sizes. For larger sizes, we can manufacture up to 38mm or 1-1/2".

### Lengths:

We can manufacture .060" – 17" (2mm – 430mm) under the head.

### Head Styles:

Many products are available in a variety of head styles, including pan, flat, oval, button, socket head cap, hex washer, external TORX PLUS® Drive, trimmed hex, fillister, 12-point, wafer, truss, binding, and others as required.

### Drive Systems:

For optimal assembly line performance, we recommend the TORX PLUS® Drive System. However, we also offer TORX®, Phillips®, hex, slotted, square, 12-point, tamper-resistant and other drive systems.

### Tolerances:

Our standard tolerances follow IFI, DIN, ANSI, ASTM, SAE, and other consensus standards. For applications requiring tighter tolerances, please contact a STANLEY Engineered Fastening applications specialist.

To be connected to a STANLEY Engineered Fastening applications engineer, or to inquire about a non-standard item, please call 1-855-441-3102.

### Special Features:

Our secondary manufacturing capabilities allow us to enhance the fastener to meet your specific needs. We can add shoulders and perform such secondary operations as drilling, tapping, shaving, broaching, grinding, roll forming, burnishing, knurling, sawing, and reheading to manufacture to the shape and style you need.

### Point Styles:

We can manufacture a broad range of point styles, including Acupoint®, header, blunt, chamfer, gimlet, pilot, pinch, spherical, dog, and others.

### Washers:

We offer a complete range of captivated washer styles, including conventional, special, compression and electrical.

### Patches/Adhesives:

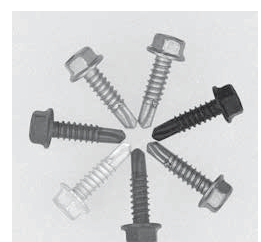
We offer nylon patches, adhesives, and other locking elements. Since each application is different, these should be selected with the consultation of your STANLEY Engineered Fastening application engineer.

### Heat Treating:

Several types of heat treating are available to meet desired hardness, strength and ductility characteristics. They include through hardening, case hardening, induction hardening, annealing, carbonitriding and vacuum hardening.

### NOTE:

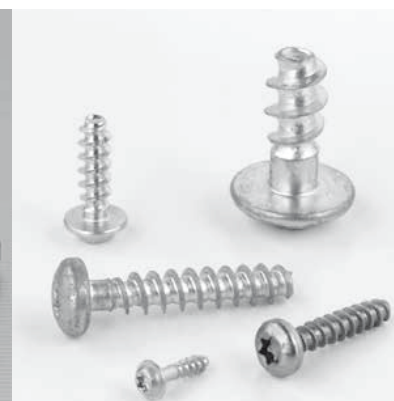
In order to ensure the optimal fastener for your application, requirements of the individual application will determine the appropriate selection of product parameters. Our application engineers are available to provide you with any design or fastener selection assistance you may require.



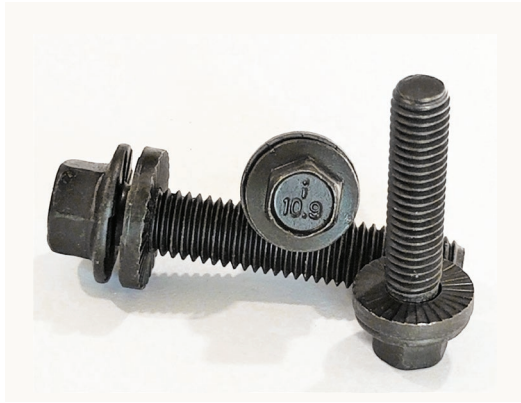
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Please use the table on the next page as a guide to help you select the most suitable fastener for your particular application.



# Wedgelock Fastener



## Specifications

- Diameters: M5 - M10
- Lengths: 20mm - 75mm
- Head Style - Indented Hex Head
- Material: Alloy Steel
- Finish: Durable, RoHS-compliant, black Acu Coat

## Features & Benefits

- Positive consistent mechanical lock
- SEMS assembly - no lost washers
- SKU Reduction 2/3 to 1
- Single washer system
- Simplified field service

Size	Part Number	Head Style
M5 - 0.8 x 20	3BT-W0950-60	Indented Hex Flange
M5 - 0.8 x 30	3BT-W0951-60	Indented Hex Flange
M5 - 0.8 x 40	3BT-W0952-60	Indented Hex Flange
M6 - 1 x 25	3BT-W0947-60	Indented Hex Flange
M6 - 1 x 35	3BT-W0948-60	Indented Hex Flange
M6 - 1 x 50	3BT-W0949-60	Indented Hex Flange
M8 - 1.25 x 25	3BT-W0872-60	Indented Hex Flange
M8 - 1.25 x 35	3BT-W0873-60	Indented Hex Flange
M8 - 1.25 x 50	3BT-W0874-60	Indented Hex Flange
M10 - 1.5 x 25	3BT-W0875-60	Indented Hex Flange
M10 - 1.5 x 50	3BT-W0876-60	Indented Hex Flange
M10 - 1.5 x 75	3BT-W0877-60	Indented Hex Flange

# TAPTITE 2000® Thread Rolling Fasteners

Trilobular® thread form taps strong threads while easing assembly



## Specifications

- Sizes: #0 – 1/4" M1.6 – M6
- Head Styles: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat Treat: Case hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Trilobular® thread form
- Generates strong mating threads
- Minimizes radial stress to reduce boss failure
- Tight dimensional tolerance
- Consistent thread profile
- Eliminates tapping costs
- Resists vibration loosening

Size	Part Number	Head Style	Drive Size
<b>#0-80</b>			
0-80 x 1/8"	3BT-P846-00	Pan	5IP
0-80 x 1/4"	3BT-P847-00	Pan	5IP
0-80 x 3/8"	3BT-P770-00	Pan	5IP
0-80 x 1/2"	3BT-P8771-00	Pan	5IP
<b>#2-56</b>			
2-56 x 1/8"	3BT-P8772-00	Pan	7IP
2-56 x 5/8"	3BT-P8774-00	Pan	7IP
2-56 x 3/4"	3BT-P8775-00	Pan	7IP
<b>#4-40</b>			
4-40 x 1/4"	3BT-P809-00	Pan	10IP
4-40 x 5/16"	3BT-P8117-00	Pan	10IP
4-40 x 3/8"	3BT-P810-00	Pan	10IP
4-40 x 1/2"	3BT-P811-00	Pan	10IP
4-40 x 5/8"	3BT-P8118-00	Pan	10IP
<b>#6-32</b>			
6-32 x 1/4"	3BT-P814-00	Pan	15IP
6-32 x 5/16"	3BT-P8123-00	Pan	15IP
6-32 x 3/8"	3BT-P815-00	Pan	15IP
6-32 x 1/2"	3BT-P816-00	Pan	15IP
6-32 x 1"	3BT-P818-00	Pan	15IP

Size	Part Number	Head Style	Drive Size
<b>#8-32</b>			
8-32 x 3/8"	3BT-P820-00	Pan	20IP
8-32 x 5/8"	3BT-P8126-00	Pan	20IP
<b>#10-24</b>			
10-24 x 1/2"	3BT-P8780-00	Pan	25IP
10-24 x 3/4"	3BT-P8781-00	Pan	25IP
10-24 x 1"	3BT-P8782-00	Pan	25IP
<b>#10-32</b>			
10-32 x 3/8"	3BT-P850-00	Pan	25IP
10-32 x 1/2"	3BT-P8132-00	Pan	25IP
10-32 x 3/4"	3BT-P8134-00	Pan	25IP
<b>1/4"-20</b>			
1/4"-20 x 1/2"	3BT-P8139-00	Pan	30IP
1/4"-20 x 3/4"	3BT-P8140-00	Pan	30IP
1/4"-20 x 1"	3BT-P8141-00	Pan	30IP
1/4"-20 x 1-1/2"	3BT-P8142-00	Pan	30IP
<b>M1.6-0.35</b>			
M1.6-0.35 x 3mm	3BT-P8167-00	Pan	5IP
M1.6-0.35 x 6mm	3BT-P8170-00	Pan	5IP
<b>M2-0.4</b>			
M2-0.4 x 4mm	3BT-P8171-00	Pan	6IP
M2-0.4 x 5mm	3BT-P8172-00	Pan	6IP
M2-0.4 x 6mm	3BT-P8173-00	Pan	6IP
M2-0.4 x 8mm	3BT-P8174-00	Pan	6IP
M2-0.4 x 10mm	3BT-P8175-00	Pan	6IP

# TAPTITE 2000® Thread Rolling Fasteners, *continued*

Trilobular® thread form taps strong threads while easing assembly



## Specifications

- Sizes: #0 – 1/4" M2.5 – M6
- Head Styles: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat Treat: Case hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Trilobular® thread form
- Generates strong mating threads
- Minimizes radial stress to reduce boss failure
- Tight dimensional tolerance
- Consistent thread profile
- Eliminates tapping costs
- Resists vibration loosening

Size	Part Number	Head Style	Drive Size
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### M2.5-0.45

M2.5-0.45 x 5mm	3BT-P8178-00	Pan	8IP
M2.5-0.45 x 6mm	3BT-P8179-00	Pan	8IP
M2.5-0.45 x 8mm	3BT-P8180-00	Pan	8IP

### M3-0.5

M3-0.5 x 6mm	3BT-P800-00	Pan	10IP
M3-0.5 x 8mm	3BT-P801-00	Pan	10IP
M3-0.5 x 10mm	3BT-P8183-00	Pan	10IP
M3-0.5 x 12mm	3BT-P8184-00	Pan	10IP

### M3.5-0.6

M3.5-0.6 x 8mm	3BT-P803-00	Pan	15IP
M3.5-0.6 x 12mm	3BT-P804-00	Pan	15IP

Size	Part Number	Head Style	Drive Size
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### M4-0.7

M4-0.7 x 8mm	3BT-P8188-00	Pan	20IP
M4-0.7 x 10mm	3BT-P8189-00	Pan	20IP
M4-0.7 x 12mm	3BT-P852-00	Pan	20IP
M4-0.7 x 16mm	3BT-P8190-00	Pan	20IP
M4-0.7 x 20mm	3BT-P8191-00	Pan	20IP
M4-0.7 x 25mm	3BT-P8192-00	Pan	20IP

### M5-0.8

M5-0.8 x 10mm	3BT-P8200-00	Pan	25IP
M5-0.8 x 12mm	3BT-P844-00	Pan	25IP
M5-0.8 x 16mm	3BT-P8201-00	Pan	25IP

### M6-1.0

M6-1.0 x 12mm	3BT-P8205-00	Pan	30IP
M6-1.0 x 16mm	3BT-P8206-00	Pan	30IP
M6-1.0 x 20mm	3BT-P8207-00	Pan	30IP
M6-1.0 x 25mm	3BT-P8208-00	Pan	30IP

# TAPTITE 2000® Thread Rolling Fasteners

Roll-form threads in metals as they are seated



## Specifications

- Sizes: #2-1/4"
- Head Style: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat Treat: Case hardened
- Finish: Durable, RoHS-compliant, black Acu® Coat

## Features & Benefits

- Trilobular® thread form
- Generates strong mating threads
- Minimize s radial stress to reduce boss failure
- Tight dimensional tolerance
- Consistent thread profile
- Eliminates tapping costs
- Resists vibration loosening

Size	Part Number	Head Style	Drive Size
<b>#2-56</b>			
2-56 x 1/8"	3BT-P8704-00	Pan	7IP
2-56 x 1/4"	3BT-P8705-00	Pan	7IP
2-56 x 3/8"	3BT-P8706-00	Pan	7IP
<b>#4-40</b>			
4-40 x 1/4"	3BT-P8710-00	Pan	10IP
4-40 x 3/8"	3BT-P8711-00	Pan	10IP
4-40 x 1/2"	3BT-P8712-00	Pan	10IP
4-40 x 5/8"	3BT-P8713-00	Pan	10IP
<b>#6-32</b>			
6-32 x 1/4"	3BT-P8716-00	Pan	15IP
6-32 x 3/8"	3BT-P8717-00	Pan	15IP
6-32 x 1/2"	3BT-P8718-00	Pan	15IP
6-32 x 3/4"	3BT-P8719-00	Pan	15IP

Size	Part Number	Head Style	Drive Size
<b>#8-32</b>			
8-32 x 3/8"	3BT-P8721-00	Pan	20IP
8-32 x 1/2"	3BT-P8722-00	Pan	20IP
8-32 x 3/4"	3BT-P8723-00	Pan	20IP
8-32 x 7/8"	3BT-P8724-00	Pan	20IP
8-32 x 1"	3BT-P8725-00	Pan	20IP
<b>#10-24</b>			
10-24 x 1/2"	3BT-P8726-00	Pan	25IP
10-24 x 3/4"	3BT-P8727-00	Pan	25IP
10-24 x 1"	3BT-P8728-00	Pan	25IP
<b>#10-32</b>			
10-32 x 1/2"	3BT-P8729-00	Pan	25IP
10-32 x 3/4"	3BT-P8730-00	Pan	25IP
<b>1/4"-20</b>			
1/4"-20 x 1/2"	3BT-P8732-00	Pan	30IP
1/4"-20 x 3/4"	3BT-P8733-00	Pan	30IP
1/4"-20 x 1"	3BT-P8734-00	Pan	30IP
1/4"-20 x 1-1/2"	3BT-P8735-00	Pan	30IP



# PLASTITE® Thread Forming Screws

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #0 – 1/4" M1.59-M4.55
- Head Styles: Pan and flat
- Threads: 48° twin lead
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
<b>#0-42</b>			
0-42 x 3/16"	3BT-P8235-00	Pan	5IP
0-42 x 3/16"	3BT-F859-00	Flat	3IP
0-42 x 1/4"	3BT-P8236-00	Flat	5IP
0-42 x 1/4"	3BT-F852-00	Pan	3IP
0-42 x 3/8"	3BT-P8238-00	Pan	5IP
0-42 x 3/8"	3BT-F858-00	Flat	3IP
<b>#1-32</b>			
1-32 x 3/16"	3BT-P8239-00	Pan	6IP
1-32 x 1/4"	3BT-P8240-00	Pan	6IP
1-32 x 1/4"	3BT-F822-00	Flat	5IP
1-32 x 3/8"	3BT-P8242-00	Pan	6IP
<b>#2-28</b>			
2-28 x 1/4"	3BT-P8243-00	Pan	7IP
2-28 x 1/4"	3BT-F823-00	Flat	6IP
2-28 x 3/8"	3BT-P8245-00	Pan	7IP
2-28 x 1/2"	3BT-P8246-00	Pan	7IP
2-28 x 1/2"	3BT-F856-00	Flat	6IP
<b>#3-24</b>			
3-24 x 1/4"	3BT-P8249-00	Pan	8IP
3-24 x 3/8"	3BT-P8251-00	Pan	8IP
3-24 x 1/2"	3BT-P8252-00	Pan	8IP
<b>#4-20</b>			
4-20 x 1/4"	3BT-P8255-00	Pan	10IP
4-20 x 1/4"	3BT-F861-00	Flat	8IP
4-20 x 5/16"	3BT-P8256-00	Pan	10IP
4-20 x 3/8"	3BT-P8257-00	Pan	10IP
4-20 x 3/8"	3BT-F825-00	Flat	8IP
4-20 x 1/2"	3BT-P8259-00	Pan	10IP
4-20 x 1/2"	3BT-F860-00	Flat	8IP
4-20 x 5/8"	3BT-P8260-00	Pan	10IP
4-20 x 3/4"	3BT-P8261-00	Pan	10IP

Size	Part Number	Head Style	Drive Size
<b>#6-19</b>			
6-19 x 1/4"	3BT-P8262-00	Pan	15IP
6-19 x 1/4"	3BT-F863-00	Flat	10IP
6-19 x 3/8"	3BT-P8264-00	Pan	15IP
6-19 x 1/2"	3BT-P8265-00	Pan	15IP
6-19 x 1/2"	3BT-F826-00	Flat	10IP
6-19 x 3/4"	3BT-P8267-00	Pan	15IP
6-19 x 3/4"	3BT-F862-00	Flat	10IP
<b>#8-16</b>			
8-16 x 1/4"	3BT-P8653-00	Pan	20IP
8-16 x 1/4"	3BT-F865-00	Flat	15IP
8-16 x 3/8"	3BT-P8272-00	Pan	20IP
8-16 x 1/2"	3BT-P8273-00	Pan	20IP
8-16 x 1/2"	3BT-F827-00	Flat	15IP
8-16 x 3/4"	3BT-P8275-00	Pan	20IP
8-16 x 3/4"	3BT-F864-00	Flat	15IP
8-16 x 1"	3BT-P8276-00	Pan	20IP
<b>#10-14</b>			
10-14 x 1/2"	3BT-P8281-00	Pan	25IP
10-14 x 1/2"	3BT-F829-00	Flat	20IP
10-14 x 3/4"	3BT-P8283-00	Pan	25IP
10-14 x 3/4"	3BT-F857-00	Flat	20IP
10-14 x 1"	3BT-P8284-00	Pan	25IP
10-14 x 1-1/4"	3BT-P8651-00	Pan	25IP
10-14 x 1-1/4"	3BT-F854-00	Flat	20IP
10-14 x 1-1/2"	3BT-P8652-00	Pan	25IP
10-14 x 1-1/2"	3BT-F855-00	Flat	20IP
<b>1/4"-10</b>			
1/4-10 x 1/2"	3BT-P8289-00	Pan	30IP
1/4-10 x 3/4"	3BT-P8291-00	Pan	30IP
1/4-10 x 1"	3BT-P8292-00	Pan	30IP
1/4-10 x 1-1/4"	3BT-P8293-00	Pan	30IP
1/4-10 x 1-1/2"	3BT-P8650-00	Pan	30IP

# PLASTITE® Thread Forming Screws, *continued*

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #0 – 1/4" M1.59-M4.55
- Head Styles: Pan and flat
- Threads: 48° twin lead
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
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### M1.59-0.60

M1.59-0.60 x 4mm	3BT-P8305-00	Pan	5IP
M1.59-0.60 x 5mm	3BT-P8306-00	Pan	5IP
M1.59-0.60 x 6mm	3BT-P8307-00	Pan	5IP
M1.59-0.60 x 8mm	3BT-P8308-00	Pan	5IP

### M1.91-0.79

M1.91-0.79 x 3mm	3BT-P8309-00	Pan	6IP
M1.91-0.79 x 4mm	3BT-P8310-00	Pan	6IP
M1.91-0.79 x 5mm	3BT-P8311-00	Pan	6IP
M1.91-0.79 x 6mm	3BT-P8312-00	Pan	6IP
M1.91-0.79 x 8mm	3BT-P8313-00	Pan	6IP
M1.91-0.79 x 10mm	3BT-P8314-00	Pan	6IP
M1.91-0.79 x 12mm	3BT-P8336-00	Pan	6IP

### M2.26-0.91

M2.26-0.91 x 4mm	3BT-P8315-00	Pan	6IP
M2.26-0.91 x 5mm	3BT-P8316-00	Pan	6IP
M2.26-0.91 x 6mm	3BT-P8317-00	Pan	6IP
M2.26-0.91 x 8mm	3BT-P8318-00	Pan	6IP
M2.26-0.91 x 10mm	3BT-P8319-00	Pan	6IP
M2.26-0.91 x 12mm	3BT-P8320-00	Pan	6IP

### M2.63-1.06

M2.63-1.06 x 5mm	3BT-P8345-00	Pan	8IP
M2.63-1.06 x 6mm	3BT-P8321-00	Pan	8IP
M2.63-1.06 x 8mm	3BT-P8322-00	Pan	8IP
M2.63-1.06 X10mm	3BT-P8323-00	Pan	8IP
M2.63-1.06 x 12mm	3BT-P8324-00	Pan	8IP
M2.63-1.06 x 14mm	3BT-P8374-00	Pan	8IP

Size	Part Number	Head Style	Drive Size
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### M3.12-1.27

M3.12-1.27 x 4mm	3BT-P8346-00	Pan	10IP
M3.12-1.27 x 5mm	3BT-P8347-00	Pan	10IP
M3.12-1.27 x 6mm	3BT-P8325-00	Pan	10IP
M3.12-1.27 x 8mm	3BT-P8326-00	Pan	10IP
M3.12-1.27 x 10mm	3BT-P8327-00	Pan	10IP
M3.12-1.27 x 12mm	3BT-P8328-00	Pan	10IP
M3.12-1.27 x 14mm	3BT-P8348-00	Pan	10IP

### M3.63-1.34

M3.63-1.34 x 6mm	3BT-P8330-00	Pan	15IP
M3.63-1.34 x 8mm	3BT-P8331-00	Pan	15IP
M3.63-1.34 x 10mm	3BT-P8332-00	Pan	15IP
M3.63-1.34 x 12mm	3BT-P8333-00	Pan	15IP
M3.63-1.34 x 14mm	3BT-P8373-00	Pan	15IP

### M4.55-1.59

M4.55-1.59 x 5mm	3BT-P8379-00	Pan	20IP
M4.55-1.59 x 6mm	3BT-P8380-00	Pan	20IP
M4.55-1.59 x 8mm	3BT-P8381-00	Pan	20IP
M4.55-1.59 x 10mm	3BT-P8340-00	Pan	20IP
M4.55-1.59 x 12mm	3BT-P8341-00	Pan	20IP
M4.55-1.59 x 14mm	3BT-P8382-00	Pan	20IP
M4.55-1.59 x 16mm	3BT-P8342-00	Pan	20IP

# PLASTITE® 48 Thread Forming Screws

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #2 to #10
- Head Style: Pan
- Threads: 48° twin lead
- Drive System: Phillips® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
<b>#2-28</b>			
2-28 x 1/4"	3BP-P8001-00	Pan	#1 Phillips
2-28 x 5/16"	3BP-P8002-00	Pan	#1 Phillips
2-28 x 3/8"	3BP-P8003-00	Pan	#1 Phillips
2-28 x 1/2"	3BP-P8004-00	Pan	#1 Phillips
<b>#4-20</b>			
4-20 x 1/4"	3BP-P8005-00	Pan	#1 Phillips
4-20 x 5/16"	3BP-P8006-00	Pan	#1 Phillips
4-20 x 3/8"	3BP-P8000-00	Pan	#1 Phillips
4-20 x 1/2"	3BP-P8007-00	Pan	#1 Phillips
4-20 x 5/8"	3BP-P8008-00	Pan	#1 Phillips
4-20 x 3/4"	3BP-P8009-00	Pan	#1 Phillips
<b>#6-19</b>			
6-19 x 1/4"	3BP-P8010-00	Pan	#2 Phillips
6-19 x 5/16"	3BP-P8011-00	Pan	#2 Phillips
6-19 x 3/8"	3BP-P8012-00	Pan	#2 Phillips
6-19 x 7/16"	3BP-P8013-00	Pan	#2 Phillips
6-19 x 1/2"	3BP-P8014-00	Pan	#2 Phillips
6-19 x 5/8"	3BP-P8015-00	Pan	#2 Phillips
6-19 x 3/4"	3BP-P8016-00	Pan	#2 Phillips
6-19 x 1"	3BP-P8017-00	Pan	#2 Phillips

Size	Part Number	Head Style	Drive Size
<b>#8-16</b>			
8-16 x 1/4"	3BP-P8018-00	Pan	#2 Phillips
8-16 x 5/16"	3BP-P8019-00	Pan	#2 Phillips
8-16 x 3/8"	3BP-P8020-00	Pan	#2 Phillips
8-16 x 1/2"	3BP-P8021-00	Pan	#2 Phillips
8-16 x 5/8"	3BP-P8022-00	Pan	#2 Phillips
8-16 x 3/4"	3BP-P8023-00	Pan	#2 Phillips
8-16 x 1"	3BP-P8024-00	Pan	#2 Phillips
<b>#10-14</b>			
10-14 x 3/8"	3BP-P8025-00	Pan	#2 Phillips
10-14 x 1/2"	3BP-P8026-00	Pan	#2 Phillips
10-14 x 5/8"	3BP-P8027-00	Pan	#2 Phillips
10-14 x 3/4"	3BP-P8028-00	Pan	#2 Phillips
10-14 x 1"	3BP-P8029-00	Pan	#2 Phillips

# PLASTITE® Thread Forming Screws

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #4 – #10
- Head Style: Pan
- Threads: 48° twin lead
- Drive System: Phillips® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and black trivalent chromate

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
<b>#4-20</b>			
4-20 x 1/4"	3BP-P8030-00	Pan	#1 Phillips
4-20 x 3/8"	3BP-P8031-00	Pan	#1 Phillips
4-20 x 1/2"	3BP-P8032-00	Pan	#1 Phillips
4-20 x 5/8"	3BP-P8033-00	Pan	#1 Phillips
4-20 x 3/4"	3BP-P8034-00	Pan	#1 Phillips
<b>#6-19</b>			
6-19 x 1/4"	3BP-P8035-00	Pan	#2 Phillips
6-19 x 3/8"	3BP-P8036-00	Pan	#2 Phillips
6-19 x 1/2"	3BP-P8037-00	Pan	#2 Phillips
6-19 x 5/8"	3BP-P8038-00	Pan	#2 Phillips
6-19 x 3/4"	3BP-P8039-00	Pan	#2 Phillips

Size	Part Number	Head Style	Drive Size
<b>#8-16</b>			
8-16 x 1/4"	3BP-P8040-00	Pan	#2 Phillips
8-16 x 3/8"	3BP-P8041-00	Pan	#2 Phillips
8-16 x 1/2"	3BP-P8042-00	Pan	#2 Phillips
8-16 x 5/8"	3BP-P8043-00	Pan	#2 Phillips
8-16 x 3/4"	3BP-P8044-00	Pan	#2 Phillips
8-16 x 1"	3BP-P8045-00	Pan	#2 Phillips
<b>#10-14</b>			
10-14 x 3/8"	3BP-P8046-00	Pan	#2 Phillips
10-14 x 1/2"	3BP-P8047-00	Pan	#2 Phillips

# Stainless Steel PLASTITE® Thread Forming Screws

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #00 – #10 M1.59 – M4.55
- Head Style: Pan and Flat
- Drive System: TORX PLUS® Drive
- Material: 302 stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
<b>#00-51</b>			
00-51 x 3/32	3BT-P9014-00	Pan	3IP
00-51 x 1/8	3BT-P9015-00	Pan	3IP
00-51 x 3/16	3BT-P9016-00	Pan	3IP
00-51 x 1/4	3BT-P9017-00	Pan	3IP
<b>#0-42</b>			
0-42 x 1/8	3BT-P9018-00	Pan	5IP
0-42 x 3/16	3BT-P9019-00	Pan	5IP
0-42 x 3/16	3BT-F9029-00	Flat	3IP
0-42 x 1/4	3BT-P917-00	Pan	5IP
0-42 x 1/4	3BT-F9030-00	Flat	3IP
0-42 x 3/8	3BT-P918-00	Pan	5IP
0-42 x 3/8	3BT-F9031-00	Flat	3IP
<b>#1-32</b>			
1-32 x 1/8	3BT-P9020-00	Pan	6IP
1-32 x 1/4	3BT-P9021-00	Pan	6IP
1-32 x 3/8	3BT-P9022-00	Pan	6IP
<b>#2-28</b>			
2-28 x 3/16	3BT-P9024-00	Pan	7IP
2-28 x 1/4	3BT-P919-00	Pan	7IP
2-28 x 1/4	3BT-F905-00	Flat	6IP
2-28 x 3/8	3BT-P920-00	Pan	7IP
2-28 x 1/2	3BT-P921-00	Pan	7IP
2-28 x 1/2	3BT-F9032-00	Flat	6IP
2-28 x 3/4	3BT-P922-00	Pan	7IP

Size	Part Number	Head Style	Drive Size
<b>#4-20</b>			
4-20 x 1/4	3BT-P911-00	Pan	10IP
4-20 x 1/4	3BT-F9033-00	Flat	8IP
4-20 x 3/8	3BT-P912-00	Pan	10IP
4-20 x 3/8	3BT-F9034-00	Flat	8IP
4-20 x 1/2	3BT-P913-00	Pan	10IP
4-20 x 1/2	3BT-F9035-00	Flat	8IP
4-20 x 3/4	3BT-P914-00	Pan	10IP
4-20 x 7/8	3BT-P9026-00	Pan	10IP
4-20 x 1	3BT-P9027-00	Pan	10IP
<b>#6-19</b>			
6-19 x 1/4	3BT-P924-00	Pan	15IP
6-19 x 3/8	3BT-P925-00	Pan	15IP
6-19 x 1/2	3BT-P926-00	Pan	15IP
6-19 x 1/2	3BT-F906-00	Flat	10IP
6-19 x 3/4	3BT-P927-00	Pan	15IP
6-19 x 3/4	3BT-F9037-00	Flat	10IP
6-19 x 7/8	3BT-P9028-00	Pan	15IP
6-19 x 1	3BT-P9029-00	Pan	15IP
<b>#8-16</b>			
8-16 x 1/4	3BT-F9038-00	Flat	15IP
8-16 x 3/8	3BT-P915-00	Pan	20IP
8-16 x 1/2	3BT-P916-00	Pan	20IP
8-16 x 1/2	3BT-F9039-00	Flat	15IP
8-16 x 3/4	3BT-P9030-00	Pan	20IP
8-16 x 3/4	3BT-F9040-00	Flat	15IP
8-16 x 1	3BT-P9031-00	Pan	20IP
<b>#10-14</b>			
10-14 x 1/2	3BT-F9041-00	Flat	20IP
10-14 x 3/4	3BT-F9042-00	Flat	20IP
10-14 x 1 1/4	3BT-F9043-00	Flat	20IP
10-14 x 1 1/2	3BT-F9044-00	Flat	20IP

# Stainless Steel PLASTITE® Thread Forming Screws, *continued*



A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #00 – #10 M1.59 – M4.55
- Head Style: Pan
- Drive System: TORX PLUS® Drive
- Material: 302 stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
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### M1.59-0.60

M1.59-0.60 x 2	3BT-P9600-00	Pan	5IP
M1.59-0.60 x 3	3BT-P9601-00	Pan	5IP
M1.59-0.60 x 4	3BT-P9602-00	Pan	5IP
M1.59-0.60 x 5	3BT-P9603-00	Pan	5IP
M1.59-0.60 x 6	3BT-P9604-00	Pan	5IP
M1.59-0.60 x 8	3BT-P9605-00	Pan	5IP

### M1.91-0.79

M1.91-0.79 x 3	3BT-P9606-00	Pan	6IP
M1.91-0.79 x 4	3BT-P9607-00	Pan	6IP
M1.91-0.79 x 5	3BT-P9608-00	Pan	6IP
M1.91-0.79 x 6	3BT-P9609-00	Pan	6IP
M1.91-0.79 x 8	3BT-P9610-00	Pan	6IP
M1.91-0.79 x 10	3BT-P9611-00	Pan	6IP
M1.91-0.79 x 12	3BT-P9612-00	Pan	6IP

### M2.26-0.91

M2.26-0.91 x 4	3BT-P9614-00	Pan	6IP
M2.26-0.91 x 5	3BT-P9615-00	Pan	6IP
M2.26-0.91 x 6	3BT-P9616-00	Pan	6IP
M2.26-0.91 x 8	3BT-P9617-00	Pan	6IP
M2.26-0.91 x 10	3BT-P9618-00	Pan	6IP
M2.26-0.91 x 12	3BT-P9619-00	Pan	6IP

### M2.63-1.06

M2.63-1.06 x 4	3BT-P9621-00	Pan	8IP
M2.63-1.06 x 5	3BT-P9622-00	Pan	8IP
M2.63-1.06 x 6	3BT-P9623-00	Pan	8IP
M2.63-1.06 x 8	3BT-P9624-00	Pan	8IP
M2.63-1.06 x 10	3BT-P9625-00	Pan	8IP
M2.63-1.06 x 12	3BT-P9626-00	Pan	8IP
M2.63-1.06 x 14	3BT-P9627-00	Pan	v8IP

Size	Part Number	Head Style	Drive Size
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### M3.12-1.27

M3.12-1.27 x 4	3BT-P9628-00	Pan	10IP
M3.12-1.27 x 5	3BT-P9629-00	Pan	10IP
M3.12-1.27 x 6	3BT-P9630-00	Pan	10IP
M3.12-1.27 x 8	3BT-P9631-00	Pan	10IP
M3.12-1.27 x 10	3BT-P9632-00	Pan	10IP
M3.12-1.27 x 12	3BT-P9633-00	Pan	10IP
M3.12-1.27 x 14	3BT-P9634-00	Pan	10IP

### M3.63-1.34

M3.63-1.34 x 6	3BT-P9637-00	Pan	15IP
M3.63-1.34 x 8	3BT-P9638-00	Pan	15IP
M3.63-1.34 x 10	3BT-P9639-00	Pan	15IP
M3.63-1.34 x 12	3BT-P9640-00	Pan	15IP
M3.63-1.34 x 14	3BT-P9641-00	Pan	15IP

### M4.55-1.59

M4.55-1.59 x 6	3BT-P9643-00	Pan	20IP
M4.55-1.59 x 8	3BT-P9644-00	Pan	20IP
M4.55-1.59 x 10	3BT-P9645-00	Pan	20IP
M4.55-1.59 x 12	3BT-P9646-00	Pan	20IP
M4.55-1.59 x 14	3BT-P9647-00	Pan	20IP
M4.55-1.59 x 16	3BT-P9648-00	Pan	20IP

# Stainless Steel PLASTITE® Thread Forming Screws

A trilobular® body and a narrow thread profile maximize performance in thermoplastics



## Specifications

- Sizes: #00 – #10 M1.59 – M4.55
- Head Style: Pan
- Drive System: TORX PLUS® Drive
- Material: 302 stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- Trilobular® configuration reduces radial stress
- Steep helix angle provides greater shear area
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Size	Part Number	Head Style	Drive Size
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### #0-42

0-42 x 1/8"	3BP-P9200-00	Pan	#0 Phillips
0-42 x 3/16"	3BP-P9201-00	Pan	#0 Phillips
0-42 x 1/4"	3BP-P9202-00	Pan	#0 Phillips
0-42 x 3/8"	3BP-P9203-00	Pan	#0 Phillips
0-42 x 1/2"	3BP-P9204-00	Pan	#0 Phillips

### #1-32

1-32 x 1/8"	3BP-P9205-00	Pan	#0 Phillips
1-32 x 1/4"	3BP-P9206-00	Pan	#0 Phillips
1-32 x 3/8"	3BP-P9207-00	Pan	#0 Phillips
1-32 x 1/2"	3BP-P9208-00	Pan	#0 Phillips

### #2-28

2-28 x 3/16"	3BP-P9210-00	Pan	#1 Phillips
2-28 x 1/4"	3BP-P9211-00	Pan	#1 Phillips
2-28 x 5/16"	3BP-P9212-00	Pan	#1 Phillips
2-28 x 3/8"	3BP-P9213-00	Pan	#1 Phillips
2-28 x 1/2"	3BP-P9214-00	Pan	#1 Phillips

### #3-24

3-24 x 1/4"	3BP-P9217-00	Pan	#1 Phillips
3-24 x 3/8"	3BP-P9218-00	Pan	#1 Phillips

Size	Part Number	Head Style	Drive Size
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### #4-20

4-20 x 1/8"	3BP-P9219-00	Pan	#1 Phillips
4-20 x 1/4"	3BP-P9000-00	Pan	#1 Phillips
4-20 x 3/8"	3BP-P9001-00	Pan	#1 Phillips
4-20 x 1/2"	3BP-P9002-00	Pan	#1 Phillips
4-20 x 5/8"	3BP-P9003-00	Pan	#1 Phillips
4-20 x 3/4"	3BP-P9004-00	Pan	#1 Phillips

### #6-19

6-19 x 1/4"	3BP-P9005-00	Pan	#2 Phillips
6-19 x 3/8"	3BP-P9006-00	Pan	#2 Phillips
6-19 x 1/2"	3BP-P9007-00	Pan	#2 Phillips
6-19 x 5/8"	3BP-P9008-00	Pan	#2 Phillips
6-19 x 3/4"	3BP-P9009-00	Pan	#2 Phillips

### #8-16

8-16 x 1/4"	3BP-P9010-00	Pan	#2 Phillips
8-16 x 3/8"	3BP-P9011-00	Pan	#2 Phillips
8-16 x 1/2"	3BP-P9012-00	Pan	#2 Phillips
8-16 x 5/8"	3BP-P9013-00	Pan	#2 Phillips
8-16 x 3/4"	3BP-P9014-00	Pan	#2 Phillips
8-16 x 7/8"	3BP-P9220-00	Pan	#2 Phillips
8-16 x 1"	3BP-P9221-00	Pan	#2 Phillips

### #10-14

10-14 x 3/8"	3BP-P9015-00	Pan	#2 Phillips
10-14 x 1/2"	3BP-P9016-00	Pan	#2 Phillips
10-14 x 3/4"	3BP-P9222-00	Pan	#2 Phillips
10-14 x 7/8"	3BP-P9223-00	Pan	#2 Phillips
10-14 x 1"	3BP-P9224-00	Pan	#2 Phillips

# Delta PT® Thread Forming Screws

Engineered for maximum performance in a wide range of plastics



## Specifications

- Sizes: M1.0 – M6
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Large fastener cross-section increases shear area and fastener strength
- Optimized pitch allows high clamp loads with smaller contact pressure
- Minimizes radial stress
- Offers increased fatigue life

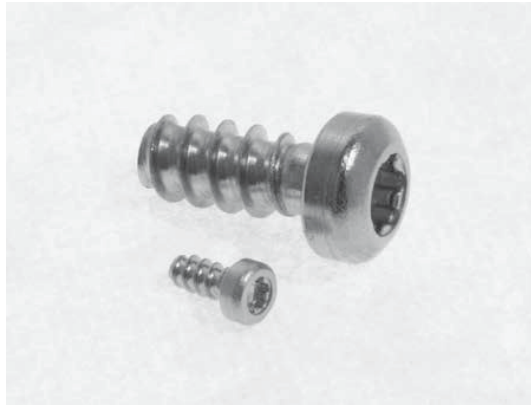
Size	Part Number	Head Style	Drive Size
<b>Delta PT 10 (1.0mm Diameter)</b>			
D10-0.44 x 2mm	3BT-P8616-00	Pan	2IP
D10-0.44 x 3mm	3BT-P8605-00	Pan	2IP
D10-0.44 x 4mm	3BT-P8606-00	Pan	2IP
<b>Delta PT 12 (1.2mm Diameter)</b>			
D12-0.51 x 2mm	3BT-P8621-00	Pan	3IP
D12-0.51 x 3mm	3BT-P8611-00	Pan	3IP
D12-0.51 x 4mm	3BT-P8612-00	Pan	3IP
D12-0.51 x 5mm	3BT-P8613-00	Pan	3IP
<b>Delta PT 14 (1.4mm Diameter)</b>			
D14-0.57 x 3mm	3BT-P8560-00	Pan	3IP
D14-0.57 x 4mm	3BT-P8561-00	Pan	3IP
D14-0.57 x 5mm	3BT-P8623-00	Pan	3IP
D14-0.57 x 6mm	3BT-P8624-00	Pan	3IP
<b>Delta PT 16 (1.6mm Diameter)</b>			
D16-0.64 x 3mm	3BT-P8562-00	Pan	5IP
D16-0.64 x 4mm	3BT-P8563-00	Pan	5IP
D16-0.64 x 5mm	3BT-P8564-00	Pan	5IP
D16-0.64 x 6mm	3BT-P8625-00	Pan	5IP
<b>Delta PT 18 (1.8mm Diameter)</b>			
D18-0.71 x 4mm	3BT-P8565-00	Pan	6IP
D18-0.71 x 5mm	3BT-P8627-00	Pan	6IP
D18-0.71 x 6mm	3BT-P8566-00	Pan	6IP
D18-0.71 x 8mm	3BT-P8567-00	Pan	6IP
<b>Delta PT 20 (2mm Diameter)</b>			
D20-0.78 x 3mm	3BT-P8628-00	Pan	6IP
D20-0.78 x 4mm	3BT-P8569-00	Pan	6IP
D20-0.78 x 5mm	3BT-P8629-00	Pan	6IP
D20-0.78 x 6mm	3BT-P8571-00	Pan	6IP
D20-0.78 x 8mm	3BT-P8572-00	Pan	6IP
D20-0.78 x 10mm	3BT-P8573-00	Pan	6IP
D20-0.78 x 12mm	3BT-P8574-00	Pan	6IP
<b>Delta PT 22 (2.2mm Diameter)</b>			
D22-0.85 x 4mm	3BT-P8575-00	Pan	6IP
D22-0.85 x 5mm	3BT-P8630-00	Pan	6IP
D22-0.85 x 6mm	3BT-P8576-00	Pan	6IP
D22-0.85 x 8mm	3BT-P8577-00	Pan	6IP
D22-0.85 x 10mm	3BT-P8578-00	Pan	6IP
D22-0.85 x 12mm	3BT-P8579-00	Pan	6IP

Size	Part Number	Head Style	Drive Size
<b>Delta PT 25 (2.5mm Diameter)</b>			
D25-0.95 x 5mm	3BT-P8631-00	Pan	8IP
D25-0.95 x 6mm	3BT-P8580-00	Pan	8IP
D25-0.95 x 6mm	3BT-F849-00	Flat	8IP
D25-0.95 x 8mm	3BT-P8581-00	Pan	8IP
D25-0.95 x 10mm	3BT-P8582-00	Pan	8IP
D25-0.95 x 12mm	3BT-P8583-00	Pan	8IP
<b>Delta PT 30 (3mm Diameter)</b>			
D30-1.12 x 5mm	3BT-P8632-00	Pan	10IP
D30-1.12 x 6mm	3BT-P8585-00	Pan	10IP
D30-1.12 x 8mm	3BT-P8586-00	Pan	10IP
D30-1.12 x 10mm	3BT-P8587-00	Pan	10IP
D30-1.12 x 12mm	3BT-P8588-00	Pan	10IP
D30-1.12 x 16mm	3BT-P8589-00	Pan	10IP
D30-1.12 x 20mm	3BT-P8590-00	Pan	10IP
<b>Delta PT 35 (3.5mm Diameter)</b>			
D35-1.29 x 8mm	3BT-P8591-00	Pan	15IP
D35-1.29 x 10mm	3BT-P8592-00	Pan	15IP
D35-1.29 x 12mm	3BT-P8593-00	Pan	15IP
<b>Delta PT 40 (4mm Diameter)</b>			
D40-1.46 x 8mm	3BT-P8596-00	Pan	20IP
D40-1.46 x 10mm	3BT-P8597-00	Pan	20IP
D40-1.46 x 12mm	3BT-P8598-00	Pan	20IP
D40-1.46 x 14mm	3BT-P8595-00	Pan	20IP
D40-1.46 x 16mm	3BT-P8599-00	Pan	20IP
<b>Delta PT 45 (4.5mm Diameter)</b>			
D45-1.63 x 8mm	3BT-P8601-00	Pan	20IP
D45-1.63 x 10mm	3BT-P8602-00	Pan	20IP
D45-1.63 x 12mm	3BT-P8603-00	Pan	20IP
D45-1.63 x 14mm	3BT-P8604-00	Pan	20IP
<b>Delta PT 50 (5mm Diameter)</b>			
D50-1.80 x 10mm	3BT-P8607-00	Pan	25IP
D50-1.80 x 12mm	3BT-P8608-00	Pan	25IP
D50-1.80 x 16mm	3BT-P8609-00	Pan	25IP
D50-1.80 x 20mm	3BT-P8610-00	Pan	25IP
<b>Delta PT 60 (6mm Diameter)</b>			
D60-2.14 x 12mm	3BT-P8618-00	Pan	30IP
D60-2.14 x 14mm	3BT-P8619-00	Pan	30IP



# Stainless Steel Delta PT® Thread Forming Screws

Engineered for maximum performance in a wide range of plastics



## Specifications

- Sizes: M1.0 – M6
- Head Styles: Pan
- Drive System: TORX PLUS® Drive
- Material: 302 stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- Large fastener cross-section increases shear area and fastener strength
- Optimized pitch allows high clamp loads with smaller contact pressure
- Minimizes radial stress
- Offers increased fatigue life

Size	Part Number	Head Style	Drive Size
<b>Delta PT 10 (1.0mm Diameter)</b>			
D10-0.44 x 3mm	3BT-P9501-00	Pan	2IP
D10-0.44 x 4mm	3BT-P9502-00	Pan	2IP
<b>Delta PT 12 (1.2mm Diameter)</b>			
D12-0.51 x 2mm	3BT-P9503-00	Pan	3IP
D12-0.51 x 3mm	3BT-P9504-00	Pan	3IP
D12-0.51 x 4mm	3BT-P9505-00	Pan	3IP
D12-0.51 x 5mm	3BT-P9506-00	Pan	3IP
<b>Delta PT 14 (1.4mm Diameter)</b>			
D14-0.57 x 3mm	3BT-P9507-00	Pan	3IP
D14-0.57 x 4mm	3BT-P9508-00	Pan	3IP
D14-0.57 x 5mm	3BT-P9509-00	Pan	3IP
D14-0.57 x 6mm	3BT-P9510-00	Pan	3IP
<b>Delta PT 16 (1.6mm Diameter)</b>			
D16-0.64 x 3mm	3BT-P9511-00	Pan	5IP
D16-0.64 x 4mm	3BT-P9512-00	Pan	5IP
D16-0.64 x 5mm	3BT-P9513-00	Pan	5IP
D16-0.64 x 6mm	3BT-P9514-00	Pan	5IP
<b>Delta PT 18 (1.8mm Diameter)</b>			
D18-0.71 x 3mm	3BT-P9515-00	Pan	6IP
D18-0.71 x 4mm	3BT-P9516-00	Pan	6IP
D18-0.71 x 5mm	3BT-P9517-00	Pan	6IP
D18-0.71 x 6mm	3BT-P9518-00	Pan	6IP
<b>Delta PT 20 (2mm Diameter)</b>			
D20-0.78 x 3mm	3BT-P9519-00	Pan	6IP
D20-0.78 x 4mm	3BT-P9520-00	Pan	6IP
D20-0.78 x 5mm	3BT-P9521-00	Pan	6IP
D20-0.78 x 6mm	3BT-P9522-00	Pan	6IP
D20-0.78 x 8mm	3BT-P9523-00	Pan	6IP
<b>Delta PT 22 (2.2mm Diameter)</b>			
D22-0.85 x 4mm	3BT-P9524-00	Pan	6IP
D22-0.85 x 5mm	3BT-P9525-00	Pan	6IP
D22-0.85 x 6mm	3BT-P9526-00	Pan	6IP
D22-0.85 x 8mm	3BT-P9527-00	Pan	6IP
D22-0.85 x 10mm	3BT-P9528-00	Pan	6IP

Size	Part Number	Head Style	Drive Size
<b>Delta PT 25 (2.5mm Diameter)</b>			
D25-0.95 x 5mm	3BT-P9529-00	Pan	8IP
D25-0.95 x 6mm	3BT-P9530-00	Pan	8IP
D25-0.95 x 8mm	3BT-P9531-00	Pan	8IP
D25-0.95 x 10mm	3BT-P9532-00	Pan	8IP
D25-0.95 x 12mm	3BT-P9533-00	Pan	8IP
<b>Delta PT 30 (3mm Diameter)</b>			
D30-1.12 x 5mm	3BT-P9534-00	Pan	10IP
D30-1.12 x 6mm	3BT-P9535-00	Pan	10IP
D30-1.12 x 8mm	3BT-P9536-00	Pan	10IP
D30-1.12 x 10mm	3BT-P9537-00	Pan	10IP
D30-1.12 x 12mm	3BT-P9538-00	Pan	10IP
<b>Delta PT 35 (3.5mm Diameter)</b>			
D35-1.29 x 6mm	3BT-P9539-00	Pan	15IP
D35-1.29 x 10mm	3BT-P9540-00	Pan	15IP
D35-1.29 x 12mm	3BT-P9541-00	Pan	15IP
<b>Delta PT 40 (4mm Diameter)</b>			
D40-1.46 x 8mm	3BT-P9542-00	Pan	20IP
D40-1.46 x 10mm	3BT-P9543-00	Pan	20IP
D40-1.46 x 12mm	3BT-P9544-00	Pan	20IP
D40-1.46 x 14mm	3BT-P9545-00	Pan	20IP
<b>Delta PT 45 (4.5mm Diameter)</b>			
D45 - 1.63 x 8	3BT-P9546-00	Pan	20IP
D45 - 1.63 x 10	3BT-P9547-00	Pan	20IP
D45 - 1.63 x 12	3BT-P9548-00	Pan	20IP
D45 - 1.63 x 14	3BT-P9549-00	Pan	20IP
<b>Delta PT 50 (5mm Diameter)</b>			
D50-1.80 x 10mm	3BT-P9550-00	Pan	25IP
D50-1.80 x 12mm	3BT-P9551-00	Pan	25IP
<b>Delta PT 60 (6mm Diameter)</b>			
D60 - 2.14 x 12mm	3BT-P9552-00	Pan	30IP
D60 - 2.14 x 14mm	3BT-P9553-00	Pan	30IP

# TORX PLUS® Stainless Steel Machine Screws

The patented drive system proven to outperform and outlast every other drive system



## Specifications

- Sizes: #000 – 1/4"
- Head Styles: Pan, button and flat
- Drive System: TORX PLUS® Drive
- Material: Stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- 0° drive angle
- Elliptical geometric configuration maximizes drive bit engagement
- Virtually eliminates camout and tool slippage
- Optimizes torque transmission
- Provides increased tool life

Size	Part Number	Head Style	Drive Size
<b>#000-120</b>			
000-120 x 1/8"	3BT-B9000-00	Button	1IP
000-120 x 3/16"	3BT-B9001-00	Button	1IP
000-120 x 1/4"	3BT-B9002-00	Button	1IP
<b>#00-90</b>			
00-90 x 1/8"	3BT-P9005-00	Pan	2IP
00-90 x 3/16"	3BT-B9004-00	Button	2IP
00-90 x 3/16"	3BT-P9006-00	Pan	2IP
00-90 x 1/4"	3BT-B9005-00	Button	2IP
00-90 x 1/4"	3BT-P9007-00	Pan	2IP
<b>#0-80</b>			
0-80 x 1/8"	3BT-B9006-00	Button	5IP
0-80 x 1/8"	3BT-P933-00	Pan	5IP
0-80 x 3/16"	3BT-B9007-00	Button	5IP
0-80 x 3/16"	3BT-P951-00	Pan	5IP
0-80 x 1/4"	3BT-B9008-00	Button	5IP
0-80 x 1/4"	3BT-P932-00	Pan	5IP
<b>#2-56</b>			
2-56 x 1/8"	3BT-F9000-00	Flat	6IP
2-56 x 3/16"	3BT-B9009-00	Button	6IP
2-56 x 3/16"	3BT-F9001-00	Flat	6IP
2-56 x 3/16"	3BT-P946-00	Pan	7IP
2-56 x 1/4"	3BT-B9010-00	Button	6IP
2-56 x 1/4"	3BT-F913-00	Flat	6IP
2-56 x 1/4"	3BT-P907-00	Pan	7IP
2-56 x 5/16"	3BT-P9011-00	Button	6IP
2-56 x 5/16"	3BT-F9002-00	Flat	6IP
2-56 x 5/16"	3BT-P9008-00	Pan	7IP
2-56 x 3/8"	3BT-B9012-00	Button	6IP
2-56 x 3/8"	3BT-F9003-00	Flat	6IP
2-56 x 3/8"	3BT-P9009-00	Pan	7IP

Size	Part Number	Head Style	Drive Size
<b>#4-40</b>			
4-40 x 1/8"	3BT-B914-00	Button	8IP
4-40 x 3/16"	3BT-B913-00	Button	8IP
4-40 x 3/16"	3BT-F9005-00	Flat	8IP
4-40 x 3/16"	3BT-P943-00	Pan	10IP
4-40 x 1/4"	3BT-B9013-00	Button	6IP
4-40 x 1/4"	3BT-P937-00	Pan	10IP
4-40 x 1/4"	3BT-F907-00	Flat	8IP
4-40 x 5/16"	3BT-B9014-00	Button	8IP
4-40 x 5/16"	3BT-F9006-00	Flat	8IP
4-40 x 5/16"	3BT-P9010-00	Pan	10IP
4-40 x 3/8"	3BT-B9015-00	Button	8IP
4-40 x 3/8"	3BT-F909-00	Flat	8IP
4-40 x 3/8"	3BT-P942-00	Pan	10IP
4-40 x 1/2"	3BT-B9016-00	Button	8IP
4-40 x 1/2"	3BT-F9007-00	Flat	8IP
4-40 x 1/2"	3BT-P941-00	Pan	10IP
4-40 x 3/4"	3BT-F9008-00	Flat	8IP
4-40 x 1"	3BT-F9009-00	Flat	8IP
<b>#6-32</b>			
6-32 x 1/4"	3BT-B916-00	Button	10IP
6-32 x 1/4"	3BT-F9010-00	Flat	10IP
6-32 x 1/4"	3BT-P908-00	Pan	15IP
6-32 x 5/16"	3BT-P9011-00	Pan	15IP
6-32 x 3/8"	3BT-F9011-00	Flat	10IP
6-32 x 3/8"	3BT-P909-00	Pan	15IP
6-32 x 3/8"	3BT-B915-00	Button	10IP
6-32 x 1/2"	3BT-B9017-00	Button	10IP
6-32 x 1/2"	3BT-F9012-00	Flat	10IP
6-32 x 1/2"	3BT-P910-00	Pan	15IP
6-32 x 5/8"	3BT-B9018-00	Button	10IP
6-32 x 3/4"	3BT-B9019-00	Button	10IP
6-32 x 3/4"	3BT-F9013-00	Flat	10IP
6-32 x 1"	3BT-B9020-00	Button	10IP
6-32 x 1"	3BT-F9014-00	Flat	10IP

# TORX PLUS® Stainless Steel Machine Screws, *continued*

The patented drive system proven to outperform and outlast every other drive system



## Specifications

- Sizes: #000 – 1/4"
- Head Styles: Pan, button and flat
- Drive System: TORX PLUS® Drive
- Material: Stainless steel
- Surface Treatment: Passivated

## Features & Benefits

- 0° drive angle
- Elliptical geometric configuration maximizes drive bit engagement
- Virtually eliminates camout and tool slippage
- Optimizes torque transmission
- Provides increased tool life

Size	Part Number	Head Style	Drive Size
<b>#8-32</b>			
8-32 x 1/4"	3BT-B9021-00	Button	15IP
8-32 x 1/4"	3BT-F9015-00	Flat	15IP
8-32 x 1/4"	3BT-P904-00	Pan	20IP
8-32 x 3/8"	3BT-B9022-00	Button	15IP
8-32 x 3/8"	3BT-F9016-00	Flat	15IP
8-32 x 3/8"	3BT-P905-00	Pan	20IP
8-32 x 1/2"	3BT-B9023-00	Button	15IP
8-32 x 1/2"	3BT-P906-00	Pan	20IP
8-32 x 1/2"	3BT-F902-00	Flat	15IP
8-32 x 5/8"	3BT-B9024-00	Button	15IP
8-32 x 3/4"	3BT-B9025-00	Button	15IP
8-32 x 3/4"	3BT-F9017-00	Flat	15IP
8-32 x 1"	3BT-B9026-00	Button	15IP
8-32 x 1"	3BT-F9018-00	Flat	15IP
<b>#10-32</b>			
10-32 x 1/2"	3BT-P9013-00	Pan	25IP

Size	Part Number	Head Style	Drive Size
<b>1/4"-20</b>			
1/4-20 x 1/2"	3BT-F9023-00	Flat	27IP
1/4-20 x 3/4"	3BT-F9024-00	Flat	27IP
1/4-20 x 1"	3BT-F9025-00	Flat	27IP
1/4-20 x 1 1/4"	3BT-F9026-00	Flat	27IP
1/4-20 x 1 1/2"	3BT-F9027-00	Flat	27IP
1/4-20 x 2"	3BT-F9028-00	Flat	27IP

# TORX PLUS® Machine Screws with Acu® Coat™ Finish

The patented drive system proven to outperform and outlast every other drive system



## Specifications

- Sizes: #00 to #8
- Head Style: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Finish: Durable, RoHS-compliant, black Acu®Coat

## Features & Benefits

- Elliptical geometric configuration maximizes drive bit engagement to virtually eliminate camout and tool slippage
- Optimizes torque transmission
- Provides increased tool life
- Acu®Coat finish delivers optimal lubricity and corrosion resistance

Size	Part Number	Head Style	Drive Size
<b>#00-90</b>			
00-90 x 1/8"	3BT-P8010-00	Pan	2IP
00-90 x 3/16"	3BT-P8011-00	Pan	2IP
00-90 x 1/4"	3BT-P8012-00	Pan	2IP
<b>#0-80</b>			
0-80 x 1/8"	3BT-P8013-00	Pan	5IP
0-80 x 3/16"	3BT-P8014-00	Pan	5IP
0-80 x 1/4"	3BT-P8015-00	Pan	5IP
<b>#2-56</b>			
2-56 x 3/16"	3BT-P8016-00	Pan	7IP
2-56 x 1/4"	3BT-P8017-00	Pan	7IP
2-56 x 5/16"	3BT-P8018-00	Pan	7IP
2-56 x 3/8"	3BT-P8019-00	Pan	7IP
<b>#4-40</b>			
4-40 x 3/16"	3BT-P8020-00	Pan	10IP
4-40 x 1/4"	3BT-P8021-00	Pan	10IP
4-40 x 5/16"	3BT-P8022-00	Pan	10IP
4-40 x 3/8"	3BT-P8023-00	Pan	10IP
4-40 x 1/2"	3BT-P8024-00	Pan	10IP

Size	Part Number	Head Style	Drive Size
<b>#6-32</b>			
6-32 x 1/4"	3BT-P8025-00	Pan	15IP
6-32 x 3/8"	3BT-P8026-00	Pan	15IP
6-32 x 1/2"	3BT-P8027-00	Pan	15IP
6-32 x 5/8"	3BT-P8028-00	Pan	15IP
6-32 x 3/4"	3BT-P8029-00	Pan	15IP
6-32 x 1"	3BT-P8030-00	Pan	15IP
<b>#8-32</b>			
8-32 x 1/4"	3BT-P8031-00	Pan	20IP
8-32 x 3/8"	3BT-P8032-00	Pan	20IP
8-32 x 1/2"	3BT-P8033-00	Pan	20IP
8-32 x 5/8"	3BT-P8034-00	Pan	20IP
8-32 x 3/4"	3BT-P8035-00	Pan	20IP
8-32 x 1"	3BT-P8036-00	Pan	20IP

# TORX PLUS® Machine Screws with Crest Cup® Washer

The ideal alternative to helical/flat washer assemblies and most other commonly used washers



## Specifications

- Sizes: #2 – 1/4" M3 – M4
- Head Style: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Manufacturing method forms burr upwards, producing a truly flat bearing surface free of sharp edges
- Preassembled to fasteners
- Helps prevent embedding, notching and marring in application

Size	Part Number	Head Style	Drive Size
<b>#2-56</b>			
2-56 x 1/4"	3BT-P824-00	Pan	7IP
2-56 x 3/8"	3BT-P825-00	Pan	7IP
<b>#4-40</b>			
4-40 x 1/4"	3BT-P855-00	Pan	10IP
4-40 x 5/16"	3BT-P838-00	Pan	10IP
4-40 x 3/8"	3BT-P854-00	Pan	10IP
4-40 x 1/2"	3BT-P8039-00	Pan	10IP
<b>#6-32</b>			
6-32 x 1/4"	3BT-P833-00	Pan	15IP
6-32 x 3/8"	3BT-P834-00	Pan	15IP
6-32 x 1/2"	3BT-P835-00	Pan	15IP
6-32 x 5/8"	3BT-P8040-00	Pan	15IP
6-32 x 3/4"	3BT-P836-00	Pan	15IP
6-32 x 1"	3BT-P837-00	Pan	15IP
<b>#8-32</b>			
8-32 x 1/4"	3BT-P830-00	Pan	20IP
8-32 x 3/8"	3BT-P831-00	Pan	20IP
8-32 x 1/2"	3BT-P832-00	Pan	20IP
8-32 x 5/8"	3BT-P8041-00	Pan	20IP
8-32 x 3/4"	3BT-P8042-00	Pan	20IP
8-32 x 1"	3BT-P8043-00	Pan	20IP

Size	Part Number	Head Style	Drive Size
<b>#10-32</b>			
10-32 x 3/8"	3BT-P828-00	Pan	25IP
10-32 x 1/2"	3BT-P829-00	Pan	25IP
10-32 x 5/8"	3BT-P8044-00	Pan	25IP
10-32 x 3/4"	3BT-P8045-00	Pan	25IP
10-32 x 1"	3BT-P8046-00	Pan	25IP
<b>1/4"-20</b>			
1/4-20 x 1/2"	3BT-P826-00	Pan	30IP
1/4-20 x 3/4"	3BT-P8047-00	Pan	30IP
<b>M3-0.5</b>			
M3-0.5 x 6mm	3BT-P843-00	Pan	10IP
M3-0.5 x 8mm	3BT-P8049-00	Pan	10IP
M3-0.5 x 10mm	3BT-P8050-00	Pan	10IP
M3-0.5 x 12mm	3BT-P8051-00	Pan	10IP
M3-0.5 x 16mm	3BT-P8052-00	Pan	10IP
<b>M4-0.7</b>			
M4-0.7 x 6mm	3BT-P842-00	Pan	20IP
M4-0.7 x 8mm	3BT-P839-00	Pan	20IP
M4-0.7 x 10mm	3BT-P841-00	Pan	20IP
M4-0.7 x 12mm	3BT-P840-00	Pan	20IP

# Type SW Fasteners – Pan Head

Thread-forming fasteners for metal applications



## Specifications

- Diameters: #4 – 1/4"
- Lengths: 1/4" – 1-1/4"
- Head Style: Pan
- Drive System: Phillips®
- Material: Carbon steel
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Swaging action of threads produces strong mating threads
- Eliminates tapping costs
- Cylindrical starting threads

Size	Part Number	Head Style	Drive Size
<b>#4-40</b>			
4-40 x 1/4"	3BP-P8050-00	Pan	#1 Phillips
4-40 x 5/16"	3BP-P8051-00	Pan	#1 Phillips
4-40 x 3/8"	3BP-P8052-00	Pan	#1 Phillips
4-40 x 1/2"	3BP-P8053-00	Pan	#1 Phillips
<b>#6-32</b>			
6-32 x 1/4"	3BP-P8054-00	Pan	#1 Phillips
6-32 x 5/16"	3BP-P8055-00	Pan	#1 Phillips
6-32 x 3/8"	3BP-P8056-00	Pan	#1 Phillips
6-32 x 1/2"	3BP-P8057-00	Pan	#1 Phillips
6-32 x 5/8"	3BP-P8059-00	Pan	#1 Phillips
6-32 x 3/4"	3BP-P8058-00	Pan	#1 Phillips
<b>#8-32</b>			
8-32 x 1/4"	3BP-P8060-00	Pan	#2 Phillips
8-32 x 5/16"	3BP-P8061-00	Pan	#2 Phillips
8-32 x 3/8"	3BP-P8062-00	Pan	#2 Phillips
8-32 x 1/2"	3BP-P8063-00	Pan	#2 Phillips
8-32 x 5/8"	3BP-P8065-00	Pan	#2 Phillips
8-32 x 3/4"	3BP-P8064-00	Pan	#2 Phillips
8-32 x 1"	3BP-P8066-00	Pan	#2 Phillips

Size	Part Number	Head Style	Drive Size
<b>#10-24</b>			
10-24 x 3/8"	3BP-P8067-00	Pan	#2 Phillips
10-24 x 1/2"	3BP-P8068-00	Pan	#2 Phillips
10-24 x 5/8"	3BP-P8069-00	Pan	#2 Phillips
<b>#10-32</b>			
10-32 x 3/8"	3BP-P8075-00	Pan	#2 Phillips
10-32 x 1/2"	3BP-P8076-00	Pan	#2 Phillips
10-32 x 5/8"	3BP-P8077-00	Pan	#2 Phillips
10-32 x 3/4"	3BP-P8078-00	Pan	#2 Phillips
<b>1/4"-20</b>			
1/4"-20 x 1/2"	3BP-P8071-00	Pan	#3 Phillips
1/4"-20 x 3/4"	3BP-P8072-00	Pan	#3 Phillips
1/4"-20 x 1"	3BP-P8073-00	Pan	#3 Phillips

# Type SW Fasteners – Hex Washer Head

Thread-forming fasteners for metal applications



## Specifications

- Lengths: 1/4" – 1-1/4"
- Head Styles: HWH and slotted HWH
- Drive Systems: Hex washer and slotted hex washer
- Material: Carbon steel
- Plating: Zinc and clear trivalent chromate

## Features & Benefits

- Swaging action of threads produces strong mating threads
- Eliminates tapping costs
- Cylindrical starting threads

Size	Part Number	Head Style	Drive Size
<b>#6-32</b>			
6-32 x 1/4"	3BH-H8002-00	Slot. HWH	1/4 Hex
6-32 x 5/16"	3BH-H8003-00	Slot. HWH	1/4 Hex
6-32 x 3/8"	3BH-H8004-00	Slot. HWH	1/4 Hex
6-32 x 1/2"	3BH-H8005-00	Slot. HWH	1/4 Hex
6-32 x 3/4"	3BH-H8006-00	Slot. HWH	1/4 Hex
<b>#8-32</b>			
8-32 x 1/4"	3BH-H8007-00	Slot. HWH	1/4 Hex
8-32 x 5/16"	3BH-H8008-00	Slot. HWH	1/4 Hex
8-32 x 3/8"	3BH-H8009-00	Slot. HWH	1/4 Hex
8-32 x 1/2"	3BH-H8010-00	Slot. HWH	1/4 Hex
8-32 x 3/4"	3BH-H8011-00	Slot. HWH	1/4 Hex
<b>#10-24</b>			
10-24 x 3/8"	3BH-H8014-00	Slot. HWH	5/16 Hex
10-24 x 1/2"	3BH-H8015-00	Slot. HWH	5/16 Hex
10-24 x 5/8"	3BH-H8016-00	Slot. HWH	5/16 Hex
10-24 x 3/4"	3BH-H8017-00	Slot. HWH	5/16 Hex
10-24 x 1"	3BH-H8018-00	Slot. HWH	5/16 Hex

Size	Part Number	Head Style	Drive Size
<b>#10-32</b>			
10-32 x 3/8"	3BH-H8031-00	Slot. HWH	5/16 Hex
10-32 x 1/2"	3BH-H8032-00	Slot. HWH	5/16 Hex
10-32 x 5/8"	3BH-H8033-00	Slot. HWH	5/16 Hex
10-32 x 3/4"	3BH-H8034-00	Slot. HWH	5/16 Hex
10-32 x 1"	3BH-H8035-00	Slot. HWH	5/16 Hex
<b>1/4"-20</b>			
1/4"-20 x 1/2"	3BH-H8019-00	Slot. HWH	3/8 Hex
1/4"-20 x 5/8"	3BH-H8020-00	Slot. HWH	3/8 Hex
1/4"-20 x 3/4"	3BH-H8021-00	Slot. HWH	3/8 Hex
1/4"-20 x 1"	3BH-H8022-00	Slot. HWH	3/8 Hex
1/4"-20 x 1-1/4"	3BH-H8023-00	Slot. HWH	3/8 Hex
<b>5/16"-18</b>			
5/16"-18 x 1/2"	3BH-H8024-00	HWH	1/2 Hex
5/16"-18 x 3/4"	3BH-H8025-00	HWH	1/2 Hex
5/16"-18 x 1"	3BH-H8026-00	HWH	1/2 Hex

# Powerful Brands. Breakthrough Solutions.

At STANLEY Engineered Fastening we believe in seeking ways to serve our customers better. We create the future by anticipating our customers needs. Through diversifying our product lines, creating unique assembly technologies and offering a breadth of service to meet the demands of industry worldwide, STANLEY Engineered Fastening provides technological solutions to over 100 different industries.



## Avdel®

Avdel has been producing assembly systems since 1936 and offers a comprehensive range of fasteners and tooling.



## POP®

From 2mm micro rivets to 1/4" structural rivets, POP blind rivets meet the needs of multiple markets.



## Dodge®

With a focus on high-quality threaded inserts for plastics products, Dodge has been a leader in the fastening market since the 1950s.



## Spiralock®

Spiralock is a technologically superior fastening system ideally suited for threaded joint applications subjected to heavy shock and vibration.



## Gripco®

Gripco has been providing quality nut and threaded assembled products since 1904.



## STANLEY Assembly Technologies

STANLEY Assembly Technologies supplies production solutions to the global assembly market.



## Heli-Coil®

Based on a long history that began in the aerospace industry, Heli-Coil offers a vast range of high-quality thread inserts. Heli-Coil products available through Authorized Distributors or Licensed Global Partners.



## Tucker®

A one-sided drawn-arc welding process is the foundation of the Tucker No-Hole assembly solution.



## iForm®

iForm continues a proud heritage since 1969 and represents over 40 years of creative threaded fastener application engineering.



## Warren®

Whether it's plastic, metal, or a combination of the two, Warren can design a product that will suit your environment.

### AVDEL

Structural Blind Fasteners

### INTEGRA

Plastic Components

### NELSON

Stud Welding

### OPTIA

Threaded Fasteners

### POP

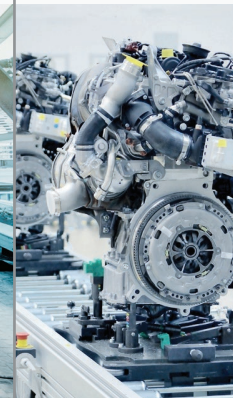
Non-structural Blind Fasteners

### STANLEY Assembly Technologies

Specialist Assembly

### TUCKER

Automated Fastener Systems



## STANLEY Engineered Fastening

Stanley Engineered Fastening — a division of Stanley Black and Decker — is the global leader in precision fastening and assembly solutions. Our industry-leading brands, Avdel, Integra, Nelson, Optia, POP, STANLEY Assembly Technologies, and Tucker, elevate what our customers create. Backed by a team of passionate and responsive problem-solvers, we empower engineers who are changing the world.

### STANLEY ENGINEERED FASTENING FAMILY OF BRANDS

AVDEL INTEGRA NELSON OPTIA POP STANLEY Assembly Technologies TUCKER