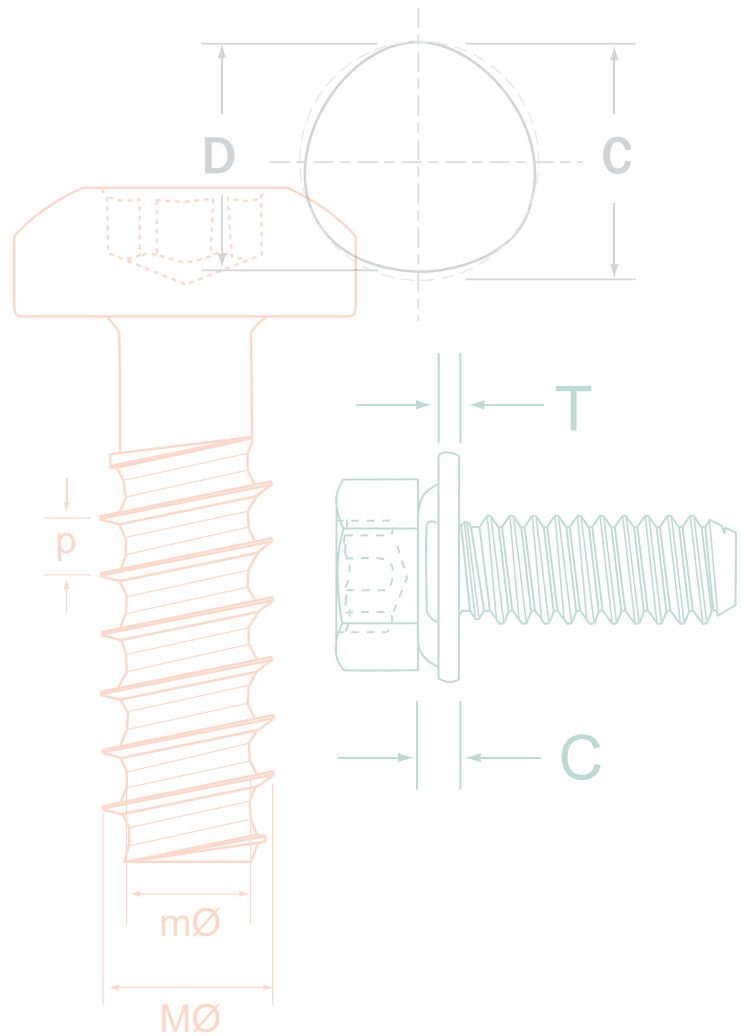


Delivering Innovative Engineered Solutions  
to Customers Globally



**Engineered Standards Catalog**



# 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

The broad product line of Infastech 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 for all products in this catalog is immediately available by calling 1-800-544-6117, or an Infastech 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 1-800-544-6117. To better serve you, some orders may be directed to a distributor.

Infastech 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, Infastech 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, Infastech 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.

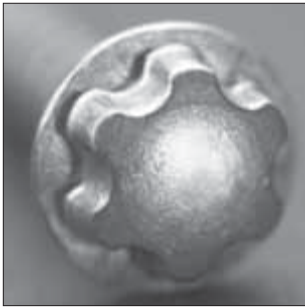


## Logistics Services

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.

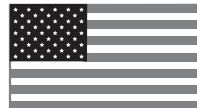






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**Made in  
the U.S.A.**



# Taptite 2000® Thread-Rolling Fasteners

Roll-form threads in metals as they are seated



## Specifications

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

## Features & Benefits

- Trilobular thread form
- Tight dimensional tolerance
- Consistent thread profile
- Eliminates tapping costs
- Generates strong mating threads
- Resists vibration loosening
- Minimal radial stress reduces boss failure

Thread Size	Length	Part Number	Head Style	Recess
<b>#0 Diameter</b>				
0-80	1/8"	3BT-P846-00	Pan	5IP
0-80	3/16"	3BT-P8103-00	Pan	5IP
0-80	1/4"	3BT-P847-00	Pan	5IP
<b>#2 Diameter</b>				
2-56	1/4"	3BT-P848-00	Pan	7IP
2-56	1/4"	3BT-F810-00	Flat	5IP
2-56	5/16"	3BT-P8111-00	Pan	7IP
2-56	3/8"	3BT-P8112-00	Pan	7IP
<b>#4 Diameter</b>				
4-40	1/4"	3BT-P809-00	Pan	10IP
4-40	1/4"	3BT-F800-00	Flat	8IP
4-40	5/16"	3BT-P8117-00	Pan	10IP
4-40	3/8"	3BT-P810-00	Pan	10IP
4-40	1/2"	3BT-P811-00	Pan	10IP
4-40	5/8"	3BT-P8118-00	Pan	10IP
4-40	3/4"	3BT-P812-00	Pan	10IP
4-40	1"	3BT-P813-00	Pan	10IP
<b>#6 Diameter</b>				
6-32	1/4"	3BT-P814-00	Pan	15IP
6-32	5/16"	3BT-P8123-00	Pan	15IP
6-32	3/8"	3BT-P815-00	Pan	15IP
6-32	1/2"	3BT-P816-00	Pan	15IP
6-32	5/8"	3BT-P8124-00	Pan	15IP
6-32	3/4"	3BT-P817-00	Pan	15IP
6-32	1"	3BT-P818-00	Pan	15IP
<b>#8 Diameter</b>				
8-32	1/4"	3BT-P819-00	Pan	20IP
8-32	3/8"	3BT-P820-00	Pan	20IP
8-32	3/8"	3BT-F811-00	Flat	15IP
8-32	1/2"	3BT-P821-00	Pan	20IP
8-32	5/8"	3BT-P8126-00	Pan	20IP
8-32	3/4"	3BT-P822-00	Pan	20IP
<b>#10 Diameter</b>				
10-32	3/8"	3BT-P850-00	Pan	25IP
10-32	3/8"	3BT-F813-00	Flat	20IP
10-32	1/2"	3BT-P8132-00	Pan	25IP
10-32	5/8"	3BT-P8133-00	Pan	25IP
10-32	3/4"	3BT-P8134-00	Pan	25IP
10-32	3/4"	3BT-F814-00	Flat	20IP
10-32	1"	3BT-P851-00	Pan	25IP
<b>1/4" Diameter</b>				
1/4-20	1/2"	3BT-P8139-00	Pan	30IP
1/4-20	3/4"	3BT-P8140-00	Pan	30IP
1/4-20	3/4"	3BT-F815-00	Flat	27IP
1/4-20	1"	3BT-P8141-00	Pan	30IP
1/4-20	1-1/2"	3BT-P8142-00	Pan	30IP

Thread Size	Length	Part Number	Head Style	Recess
<b>M1.6 Diameter</b>				
M1.6-0.35	3mm	3BT-P8167-00	Pan	5IP
M1.6-0.35	6mm	3BT-P8170-00	Pan	5IP
<b>M2 Diameter</b>				
M2-0.4	4mm	3BT-P8171-00	Pan	6IP
M2-0.4	5mm	3BT-P8172-00	Pan	6IP
M2-0.4	6mm	3BT-P8173-00	Pan	6IP
M2-0.4	8mm	3BT-P8174-00	Pan	6IP
M2-0.4	10mm	3BT-P8175-00	Pan	6IP
<b>M2.5 Diameter</b>				
M2.5-0.45	5mm	3BT-P8178-00	Pan	8IP
M2.5-0.45	6mm	3BT-P8179-00	Pan	8IP
M2.5-0.45	8mm	3BT-P8180-00	Pan	8IP
M2.5-0.45	10mm	3BT-P8181-00	Pan	8IP
<b>M3 Diameter</b>				
M3-0.5	6mm	3BT-P800-00	Pan	10IP
M3-0.5	8mm	3BT-P801-00	Pan	10IP
M3-0.5	8mm	3BT-F820-00	Flat	10IP
M3-0.5	10mm	3BT-P8183-00	Pan	10IP
M3-0.5	12mm	3BT-P8184-00	Pan	10IP
<b>M3.5 Diameter</b>				
M3.5-0.6	8mm	3BT-P803-00	Pan	15IP
M3.5-0.6	10mm	3BT-P8185-00	Pan	15IP
M3.5-0.6	12mm	3BT-P804-00	Pan	15IP
<b>M4 Diameter</b>				
M4-0.7	8mm	3BT-P8188-00	Pan	20IP
M4-0.7	10mm	3BT-P8189-00	Pan	20IP
M4-0.7	12mm	3BT-P852-00	Pan	20IP
M4-0.7	16mm	3BT-P8190-00	Pan	20IP
M4-0.7	20mm	3BT-P8191-00	Pan	20IP
M4-0.7	25mm	3BT-P8192-00	Pan	20IP
<b>M5 Diameter</b>				
M5-0.8	10mm	3BT-P8200-00	Pan	25IP
M5-0.8	12mm	3BT-P844-00	Pan	25IP
M5-0.8	16mm	3BT-P8201-00	Pan	25IP
M5-0.8	20mm	3BT-P8202-00	Pan	25IP
<b>M6 Diameter</b>				
M6-1.0	12mm	3BT-P8205-00	Pan	30IP
M6-1.0	16mm	3BT-P8206-00	Pan	30IP
M6-1.0	20mm	3BT-P8207-00	Pan	30IP
M6-1.0	25mm	3BT-P8208-00	Pan	30IP

# Plastite® Thread Forming Screws

A trilobular body combined with a narrow thread profile to maximize performance in thermoplastics



## Specifications

- Sizes: #0 to 1/4"
- M2.26 to M5.28
- Head Styles: Pan and flat
- Threads: 48° twin helix
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear chromate

## Features & Benefits

- Three thread angle/helix angle combinations available to meet the needs of specific applications
- Trilobular configuration
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Thread Size	Length	Part Number	Head Style	Recess
<b>#0 Diameter</b>				
0-42	3/16"	3BT-P8235-00	Pan	5IP
0-42	3/16"	3BT-F859-00	Flat	3IP
0-42	1/4"	3BT-P8236-00	Pan	5IP
0-42	1/4"	3BT-F852-00	Flat	3IP
0-42	3/8"	3BT-P8238-00	Pan	5IP
0-42	3/8"	3BT-F858-00	Flat	3IP
<b>#1 Diameter</b>				
1-32	3/16"	3BT-P8239-00	Pan	6IP
1-32	1/4"	3BT-P8240-00	Pan	6IP
1-32	1/4"	3BT-F822-00	Flat	5IP
1-32	3/8"	3BT-P8242-00	Pan	6IP
<b>#2 Diameter</b>				
2-28	1/4"	3BT-P8243-00	Pan	7IP
2-28	1/4"	3BT-F823-00	Flat	6IP
2-28	3/8"	3BT-P8245-00	Pan	7IP
2-28	1/2"	3BT-P8246-00	Pan	7IP
2-28	1/2"	3BT-F856-00	Flat	6IP
2-28	5/8"	3BT-P8247-00	Pan	7IP
<b>#3 Diameter</b>				
3-24	1/4"	3BT-P8249-00	Pan	8IP
3-24	3/8"	3BT-P8251-00	Pan	8IP
3-24	3/8"	3BT-F824-00	Flat	8IP
3-24	1/2"	3BT-P8252-00	Pan	8IP
3-24	3/4"	3BT-P8254-00	Pan	8IP
<b>#4 Diameter</b>				
4-20	1/4"	3BT-P8255-00	Pan	10IP
4-20	1/4"	3BT-F861-00	Flat	8IP
4-20	5/16"	3BT-P8256-00	Pan	10IP
4-20	3/8"	3BT-P8257-00	Pan	10IP
4-20	3/8"	3BT-F825-00	Flat	8IP
4-20	1/2"	3BT-P8259-00	Pan	10IP
4-20	1/2"	3BT-F860-00	Flat	8IP
4-20	5/8"	3BT-P8260-00	Pan	10IP
4-20	3/4"	3BT-P8261-00	Pan	10IP
<b>#6 Diameter</b>				
6-19	1/4"	3BT-P8262-00	Pan	15IP
6-19	1/4"	3BT-F863-00	Flat	10IP
6-19	5/16"	3BT-P8263-00	Pan	15IP
6-19	3/8"	3BT-P8264-00	Pan	15IP
6-19	1/2"	3BT-P8265-00	Pan	15IP
6-19	1/2"	3BT-F826-00	Flat	10IP
6-19	3/4"	3BT-P8267-00	Pan	15IP
6-19	3/4"	3BT-F862-00	Flat	10IP
<b>#8 Diameter</b>				
8-16	1/4"	3BT-P8653-00	Pan	20IP
8-16	1/4"	3BT-F865-00	Flat	15IP
8-16	3/8"	3BT-P8272-00	Pan	20IP
8-16	1/2"	3BT-P8273-00	Pan	20IP

Thread Size	Length	Part Number	Head Style	Recess
<b>#8 Diameter, continued</b>				
8-16	1/2"	3BT-F827-00	Flat	15IP
8-16	3/4"	3BT-P8275-00	Pan	20IP
8-16	3/4"	3BT-F864-00	Flat	15IP
8-16	1"	3BT-P8276-00	Pan	20IP
<b>#10 Diameter</b>				
10-14	1/2"	3BT-P8281-00	Pan	25IP
10-14	1/2"	3BT-F829-00	Flat	20IP
10-14	3/4"	3BT-P8283-00	Pan	25IP
10-14	3/4"	3BT-F857-00	Flat	20IP
10-14	1"	3BT-P8284-00	Pan	25IP
10-14	1-1/4"	3BT-P8651-00	Pan	25IP
10-14	1-1/4"	3BT-F854-00	Flat	20IP
10-14	1-1/2"	3BT-P8652-00	Pan	25IP
10-14	1-1/2"	3BT-F855-00	Flat	20IP
<b>1/4" Diameter</b>				
1/4-10	1/2"	3BT-P8289-00	Pan	30IP
1/4-10	3/4"	3BT-P8291-00	Pan	30IP
1/4-10	1"	3BT-P8292-00	Pan	30IP
1/4-10	1-1/4"	3BT-P8293-00	Pan	30IP
1/4-10	1-1/2"	3BT-P8650-00	Pan	30IP
<b>M2.26 Diameter</b>				
M2.26-0.91	4mm	3BT-P8315-00	Pan	6IP
M2.26-0.91	6mm	3BT-P8317-00	Pan	6IP
M2.26-0.91	8mm	3BT-P8318-00	Pan	6IP
M2.26-0.91	10mm	3BT-P8319-00	Pan	6IP
<b>M2.63 Diameter</b>				
M2.63-1.06	6mm	3BT-P8321-00	Pan	8IP
M2.63-1.06	8mm	3BT-P8322-00	Pan	8IP
M2.63-1.06	10mm	3BT-P8323-00	Pan	8IP
M2.63-1.06	12mm	3BT-P8324-00	Pan	8IP
<b>M3.12 Diameter</b>				
M3.12-1.27	6mm	3BT-P8325-00	Pan	10IP
M3.12-1.27	8mm	3BT-P8326-00	Pan	10IP
M3.12-1.27	10mm	3BT-P8327-00	Pan	10IP
M3.12-1.27	16mm	3BT-P8329-00	Pan	10IP
<b>M3.63 Diameter</b>				
M3.63-1.34	6mm	3BT-P8330-00	Pan	15IP
M3.63-1.34	8mm	3BT-P8331-00	Pan	15IP
M3.63-1.34	10mm	3BT-P8332-00	Pan	15IP
M3.63-1.34	12mm	3BT-P8333-00	Pan	15IP
M3.63-1.34	16mm	3BT-P8334-00	Pan	15IP
M3.63-1.34	20mm	3BT-P8335-00	Pan	15IP
<b>M5.28 Diameter</b>				
M5.28-1.81	10mm	3BT-P8350-00	Pan	25IP
M5.28-1.81	12mm	3BT-P8351-00	Pan	25IP
M5.28-1.81	16mm	3BT-P8352-00	Pan	25IP
M5.28-1.81	20mm	3BT-P8353-00	Pan	25IP
M5.28-1.81	25mm	3BT-P8354-00	Pan	25IP
M5.28-1.81	30mm	3BT-P8355-00	Pan	25IP

# Stainless Steel Plastite® Thread Forming Screws



A trilobular body combined with a narrow thread profile to maximize performance in thermoplastics



## Specifications

- Sizes: #0 to #8
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: 302 stainless steel
- Plating: Passivated

## Features & Benefits

- Three thread angel/helix angle combinations available to meet the needs of specific applications
- Trilobular configuration
- Resists corrosion
- Reduces possibility of boss failure
- Increases product reliability
- Eliminates need for inserts and lock washers

Thread Size	Length	Part Number	Head Style	Recess
<b>#0 Diameter</b>				
0-42	1/4"	3BT-P917-00	Pan	5IP
0-42	3/8"	3BT-P918-00	Pan	5IP
<b>#2 Diameter</b>				
2-28	1/4"	3BT-P919-00	Pan	7IP
2-28	1/4"	3BT-F905-00	Flat	6IP
2-28	3/8"	3BT-P920-00	Pan	7IP
2-28	1/2"	3BT-P921-00	Pan	7IP
2-28	3/4"	3BT-P922-00	Pan	7IP
<b>#4 Diameter</b>				
4-20	1/4"	3BT-P911-00	Pan	10IP
4-20	3/8"	3BT-P912-00	Pan	10IP
4-20	1/2"	3BT-P913-00	Pan	10IP
4-20	3/4"	3BT-P914-00	Pan	10IP

Thread Size	Length	Part Number	Head Style	Recess
<b>#6 Diameter</b>				
6-19	1/4"	3BT-P924-00	Pan	15IP
6-19	3/8"	3BT-P925-00	Pan	15IP
6-19	1/2"	3BT-P926-00	Pan	15IP
6-19	1/2"	3BT-F906-00	Flat	10IP
6-19	3/4"	3BT-P927-00	Pan	15IP
<b>#8 Diameter</b>				
8-16	3/8"	3BT-P915-00	Pan	20IP
8-16	1/2"	3BT-P916-00	Pan	20IP

# PT® Thread Forming Screws

Engineered to provide increased thread engagement in thermoplastic applications



## Specifications

- Sizes: M2.5 to M4
- Head Styles: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear chromate

## Features & Benefits

- Narrow 30° thread profile
- Optimum thread pitch
- Round body
- Recessed thread root
- Provides maximum resistance to back-out and pull-out
- Minimizes boss failure

Thread Size	Length	Part Number	Head Style	Recess
<b>K25 (2.5mm Diameter)</b>				
K25-1.12	6mm	3BT-P8000-00	Pan	6IP
K25-1.12	8mm	3BT-P8001-00	Pan	6IP
K25-1.12	10mm	3BT-P8002-00	Pan	6IP
<b>K30 (3mm Diameter)</b>				
K30-1.34	6mm	3BT-P8003-00	Pan	8IP
K30-1.34	8mm	3BT-P8004-00	Pan	8IP
K30-1.34	10mm	3BT-P8005-00	Pan	8IP

Thread Size	Length	Part Number	Head Style	Recess
<b>K35 (3.5mm Diameter)</b>				
K35-1.57	8mm	3BT-P8006-00	Pan	10IP
K35-1.57	10mm	3BT-P8007-00	Pan	10IP
<b>K40 (4mm Diameter)</b>				
K40-1.79	8mm	3BT-P8008-00	Pan	15IP
K40-1.79	10mm	3BT-P8009-00	Pan	15IP

# Delta PT® Thread Forming Screws

Engineered for optimal material flow for maximum performance in a wide range of plastics



## Specifications

- Sizes: M1.0 to M5
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear 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

Thread Size	Length	Part Number	Head Style	Recess
<b>Delta PT 10 (1.0mm Diameter)</b>				
D10-0.44	1.5mm	3BT-P8615-00	Pan	2IP
D10-0.44	2mm	3BT-P8616-00	Pan	2IP
D10-0.44	2.5mm	3BT-P8617-00	Pan	2IP
<b>Delta PT 12 (1.2mm Diameter)</b>				
D12-0.51	1.5mm	3BT-P8620-00	Pan	3IP
D12-0.51	2mm	3BT-P8621-00	Pan	3IP
D12-0.51	2.5mm	3BT-P8622-00	Pan	3IP
<b>Delta PT 14 (1.4mm Diameter)</b>				
D14-0.57	2mm	3BT-P8559-00	Pan	3IP
D14-0.57	3mm	3BT-P8560-00	Pan	3IP
D14-0.57	4mm	3BT-P8561-00	Pan	3IP
<b>Delta PT 16 (1.6mm Diameter)</b>				
D16-0.64	3mm	3BT-P8562-00	Pan	5IP
D16-0.64	4mm	3BT-P8563-00	Pan	5IP
D16-0.64	5mm	3BT-P8564-00	Pan	5IP
<b>Delta PT 18 (1.8mm Diameter)</b>				
D18-0.71	4mm	3BT-P8565-00	Pan	6IP
D18-0.71	6mm	3BT-P8566-00	Pan	6IP
D18-0.71	8mm	3BT-P8567-00	Pan	6IP
D18-0.71	10mm	3BT-P8568-00	Pan	6IP
<b>Delta PT 20 (2mm Diameter)</b>				
D20-0.78	4mm	3BT-P8569-00	Pan	6IP
D20-0.78	4mm	3BT-F851-00	Flat	6IP
D20-0.78	6mm	3BT-P8571-00	Pan	6IP
D20-0.78	8mm	3BT-P8572-00	Pan	6IP
D20-0.78	10mm	3BT-P8573-00	Pan	6IP
D20-0.78	12mm	3BT-P8574-00	Pan	6IP
<b>Delta PT 22 (2.2 mm Diameter)</b>				
D22-0.85	4mm	3BT-P8575-00	Pan	6IP
D22-0.85	6mm	3BT-P8576-00	Pan	6IP
D22-0.85	8mm	3BT-P8577-00	Pan	6IP
D22-0.85	10mm	3BT-P8578-00	Pan	6IP
D22-0.85	12mm	3BT-P8579-00	Pan	6IP

Thread Size	Length	Part Number	Head Style	Recess
<b>Delta PT 25 (2.5mm Diameter)</b>				
D25-0.95	6mm	3BT-P8580-00	Pan	8IP
D25-0.95	6mm	3BT-F849-00	Flat	8IP
D25-0.95	8mm	3BT-P8581-00	Pan	8IP
D25-0.95	10mm	3BT-P8582-00	Pan	8IP
D25-0.95	12mm	3BT-P8583-00	Pan	8IP
D25-0.95	14mm	3BT-P8584-00	Pan	8IP
<b>Delta PT 30 (3mm Diameter)</b>				
D30-1.12	6mm	3BT-P8585-00	Pan	10IP
D30-1.12	8mm	3BT-P8586-00	Pan	10IP
D30-1.12	10mm	3BT-P8587-00	Pan	10IP
D30-1.12	12mm	3BT-P8588-00	Pan	10IP
D30-1.12	16mm	3BT-P8589-00	Pan	10IP
D30-1.12	20mm	3BT-P8590-00	Pan	10IP
<b>Delta PT 35 (3.5mm Diameter)</b>				
D35-1.29	8mm	3BT-P8591-00	Pan	15IP
D35-1.29	10mm	3BT-P8592-00	Pan	15IP
D35-1.29	12mm	3BT-P8593-00	Pan	15IP
<b>Delta PT 40 (4mm Diameter)</b>				
D40-1.46	8mm	3BT-P8596-00	Pan	20IP
D40-1.46	10mm	3BT-P8597-00	Pan	20IP
D40-1.46	12mm	3BT-P8598-00	Pan	20IP
D40-1.46	16mm	3BT-P8599-00	Pan	20IP
D40-1.46	20mm	3BT-P8600-00	Pan	20IP
<b>Delta PT 50 (5mm Diameter)</b>				
D50-1.63	10mm	3BT-P8607-00	Pan	25IP
D50-1.63	12mm	3BT-P8608-00	Pan	25IP
D50-1.63	16mm	3BT-P8609-00	Pan	25IP
D50-1.63	20mm	3BT-P8610-00	Pan	25IP

# Mag-Form® Thread-forming Fasteners

Maximizes performance when tapping into magnesium die-castings and other low-ductile materials



## Specifications

- Sizes: M1.4 to M6
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: Zinc and clear chromate

## Features & Benefits

- Lobular configuration
- Wide-spaced thread design
- Broad flank angle compresses, rather than roll-forms, threads into the mating material
- Minimizes debris generation
- Forms strong threads in low-ductile materials

Thread Size	Length	Part Number	Head Style	Recess
<b>MG1.4 (1.4mm Diameter)</b>				
MG1.4-0.60	6mm	3BT-P8642-00	Pan	5IP
<b>MG1.6 (1.6mm Diameter)</b>				
MG1.6-0.70	3mm	3BT-P873-00	Pan	6IP
MG1.6-0.70	5mm	3BT-P856-00	Pan	6IP
MG1.6-0.70	6mm	3BT-P857-00	Pan	6IP
MG1.6-0.70	8mm	3BT-P858-00	Pan	6IP
<b>MG2 (2mm Diameter)</b>				
MG2-0.80	5mm	3BT-P861-00	Pan	6IP
MG2-0.80	6mm	3BT-P862-00	Pan	6IP
MG2-0.80	6mm	3BT-F804-00	Flat	6IP
MG2-0.80	8mm	3BT-P863-00	Pan	6IP
MG2-0.80	10mm	3BT-P864-00	Pan	6IP
MG2-0.80	12mm	3BT-P865-00	Pan	6IP
MG2-0.80	15mm	3BT-P866-00	Pan	6IP
<b>MG2.5 (2.5mm Diameter)</b>				
MG2.5-0.90	6mm	3BT-P806-00	Pan	8IP
MG2.5-0.90	8mm	3BT-P807-00	Pan	8IP
MG2.5-0.90	10mm	3BT-P805-00	Pan	8IP
<b>MG3 (3mm Diameter)</b>				
MG3-1.0	6mm	3BT-P868-00	Pan	10IP
MG3-1.0	8mm	3BT-P869-00	Pan	10IP
MG3-1.0	10mm	3BT-P870-00	Pan	10IP
MG3-1.0	12mm	3BT-P871-00	Pan	10IP
MG3-1.0	12mm	3BT-F803-00	Flat	10IP
MG3-1.0	15mm	3BT-P872-00	Pan	10IP
MG3-1.0	15mm	3BT-F802-00	Flat	10IP

Thread Size	Length	Part Number	Head Style	Recess
<b>MG3.5 (3.5mm Diameter)</b>				
MG3.5-1.20	6mm	3BT-P886-00	Pan	15IP
MG3.5-1.20	8mm	3BT-P885-00	Pan	15IP
MG3.5-1.20	10mm	3BT-P884-00	Pan	15IP
MG3.5-1.20	12mm	3BT-P883-00	Pan	15IP
MG3.5-1.20	15mm	3BT-P882-00	Pan	15IP
MG3.5-1.20	18mm	3BT-P881-00	Pan	15IP
<b>MG4 (4mm Diameter)</b>				
MG4-.140	8mm	3BT-P879-00	Pan	20IP
MG4-.140	10mm	3BT-P878-00	Pan	20IP
MG4-.140	12mm	3BT-P877-00	Pan	20IP
MG4-.140	15mm	3BT-P876-00	Pan	20IP
MG4-.140	18mm	3BT-P875-00	Pan	20IP
MG4-.140	24mm	3BT-P874-00	Pan	20IP
<b>MG5 (5mm Diameter)</b>				
MG5-1.60	10mm	3BT-P891-00	Pan	25IP
MG5-1.60	12mm	3BT-P892-00	Pan	25IP
MG5-1.60	15mm	3BT-P888-00	Pan	25IP
<b>MG6 (6mm Diameter)</b>				
MG6-2.0	10mm	3BT-P897-00	Pan	30IP
MG6-2.0	12mm	3BT-P896-00	Pan	30IP
MG6-2.0	15mm	3BT-P893-00	Pan	30IP
MG6-2.0	18mm	3BT-P894-00	Pan	30IP
MG6-2.0	24mm	3BT-P895-00	Pan	30IP

# TORX PLUS® Machine Screws

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



## Specifications

- Sizes: #0 to 1/4"
- M1 to M6
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Plating: Zinc and clear chromate

## Features & Benefits

- 0° drive angle
- Elliptical geometric configuration maximizes drive bit engagement
- Large cross-sectional area at lobes
- Virtually eliminates camout and tool slippage
- Optimizes torque transmission
- Provides increased tool life

Thread Size	Length	Part Number	Head Style	Recess
<b>#0 Diameter</b>				
0-80	1/8"	3BT-P8375-00	Pan	5IP
0-80	3/16"	3BT-P8376-00	Pan	5IP
0-80	1/4"	3BT-P8377-00	Pan	5IP
0-80	3/8"	3BT-P8378-00	Pan	5IP
<b>#2 Diameter</b>				
2-56	3/16"	3BT-P8384-00	Pan	7IP
2-56	1/4"	3BT-P8385-00	Pan	7IP
2-56	1/4"	3BT-F830-00	Flat	6IP
2-56	5/16"	3BT-P8386-00	Pan	7IP
2-56	3/8"	3BT-P8388-00	Pan	7IP
2-56	1/2"	3BT-P8389-00	Pan	7IP
<b>#4 Diameter</b>				
4-40	1/4"	3BT-P8394-00	Pan	10IP
4-40	3/8"	3BT-P8396-00	Pan	10IP
4-40	3/8"	3BT-F832-00	Flat	8IP
4-40	1/2"	3BT-P8397-00	Pan	10IP
4-40	3/4"	3BT-P8398-00	Pan	10IP
4-40	1"	3BT-P8399-00	Pan	10IP
<b>#6 Diameter</b>				
6-32	1/4"	3BT-P8405-00	Pan	15IP
6-32	3/8"	3BT-P8407-00	Pan	15IP
6-32	3/8"	3BT-F834-00	Flat	10IP
6-32	1/2"	3BT-P8408-00	Pan	15IP
6-32	1/2"	3BT-F835-00	Flat	10IP
6-32	5/8"	3BT-P8409-00	Pan	15IP
6-32	3/4"	3BT-P8410-00	Pan	15IP
6-32	1"	3BT-P8411-00	Pan	15IP
<b>#8 Diameter</b>				
8-32	1/4"	3BT-P8412-00	Pan	20IP
8-32	3/8"	3BT-P8414-00	Pan	20IP
8-32	3/8"	3BT-F837-00	Flat	15IP
8-32	1/2"	3BT-P8415-00	Pan	20IP
8-32	1/2"	3BT-F838-00	Flat	15IP
8-32	5/8"	3BT-P8416-00	Pan	20IP
8-32	3/4"	3BT-P8417-00	Pan	20IP
<b>#10 Diameter</b>				
10-32	3/8"	3BT-P8424-00	Pan	25IP
10-32	1/2"	3BT-P8425-00	Pan	25IP
10-32	5/8"	3BT-P8426-00	Pan	25IP
10-32	3/4"	3BT-P8427-00	Pan	25IP
<b>1/4" Diameter</b>				
1/4-20	1/2"	3BT-P8433-00	Pan	30IP
1/4-20	3/4"	3BT-P8435-00	Pan	30IP
1/4-20	1"	3BT-P8436-00	Pan	30IP

Thread Size	Length	Part Number	Head Style	Recess
<b>M1 Diameter</b>				
M1-0.25	1.5mm	3BT-P8451-00	Pan	2IP
M1-0.25	2mm	3BT-P8452-00	Pan	2IP
M1-0.25	2.5mm	3BT-P8453-00	Pan	2IP
<b>M1.2 Diameter</b>				
M1.2-0.25	1.5mm	3BT-P8454-00	Pan	3IP
M1.2-0.25	2mm	3BT-P8455-00	Pan	3IP
M1.2-0.25	2.5mm	3BT-P8456-00	Pan	3IP
<b>M2 Diameter</b>				
M2-0.4	4mm	3BT-P8472-00	Pan	6IP
M2-0.4	6mm	3BT-P8473-00	Pan	6IP
M2-0.4	8mm	3BT-P8474-00	Pan	6IP
M2-0.4	10mm	3BT-P8475-00	Pan	6IP
<b>M2.5 Diameter</b>				
M2.5-0.45	4mm	3BT-P8476-00	Pan	8IP
M2.5-0.45	6mm	3BT-P8478-00	Pan	8IP
M2.5-0.45	6mm	3BT-F841-00	Flat	8IP
M2.5-0.45	8mm	3BT-P8479-00	Pan	8IP
M2.5-0.45	10mm	3BT-P8480-00	Pan	8IP
M2.5-0.45	12mm	3BT-P8481-00	Pan	8IP
<b>M3 Diameter</b>				
M3-0.5	6mm	3BT-P8482-00	Pan	10IP
M3-0.5	8mm	3BT-P8483-00	Pan	10IP
M3-0.5	8mm	3BT-F843-00	Flat	10IP
M3-0.5	10mm	3BT-P8484-00	Pan	10IP
M3-0.5	12mm	3BT-P8485-00	Pan	10IP
M3-0.5	16mm	3BT-P8486-00	Pan	10IP
<b>M4 Diameter</b>				
M4-0.7	6mm	3BT-P8492-00	Pan	20IP
M4-0.7	8mm	3BT-P8493-00	Pan	20IP
M4-0.7	10mm	3BT-P8494-00	Pan	20IP
M4-0.7	12mm	3BT-P8495-00	Pan	20IP
M4-0.7	16mm	3BT-P8496-00	Pan	20IP
M4-0.7	20mm	3BT-P8497-00	Pan	20IP
<b>M5 Diameter</b>				
M5-0.8	10mm	3BT-P8503-00	Pan	25IP
M5-0.8	12mm	3BT-P8504-00	Pan	25IP
M5-0.8	16mm	3BT-P8505-00	Pan	25IP
M5-0.8	20mm	3BT-P8506-00	Pan	25IP
M5-0.8	25mm	3BT-P8507-00	Pan	25IP
<b>M6 Diameter</b>				
M6-1.0	12mm	3BT-P8508-00	Pan	30IP
M6-1.0	16mm	3BT-P8509-00	Pan	30IP

# TORX PLUS® Stainless Steel Machine Screws

Improve assembly line performance and provide resistance to corrosion in critical applications.



## Specifications

- Sizes: #0 to #8  
M1 to M5
- Head Styles: Pan and flat
- Drive System: TORX PLUS® Drive
- Material: Stainless steel

## Features & Benefits

- 0° drive angle
- Elliptical geometric configuration maximizes drive bit engagement
- Large cross-sectional area at lobes
- Virtually eliminates camout and tool slippage
- Optimizes torque transmission
- Provides increased tool life

Thread Size	Length	Part Number	Head Style	Recess
<b>#0 Diameter</b>				
0-80	1/8"	3BT-P933-00	Pan	5IP
0-80	3/16"	3BT-P951-00	Pan	5IP
0-80	1/4"	3BT-P932-00	Pan	5IP
<b>#1 Diameter</b>				
1-64	3/16"	3BT-P949-00	Pan	6IP
<b>#2 Diameter</b>				
2-56	3/16"	3BT-P946-00	Pan	7IP
2-56	1/4"	3BT-F913-00	Flat	6IP
2-56	1/4"	3BT-P907-00	Pan	7IP
2-56	1/4"	3BT-C904-00	Socket Head Cap	8IP
<b>#4 Diameter</b>				
4-40	1/8"	3BT-B914-00	Button	6IP
4-40	3/16"	3BT-B913-00	Button	6IP
4-40	3/16"	3BT-P943-00	Pan	10IP
4-40	1/4"	3BT-P937-00	Pan	10IP
4-40	1/4"	3BT-F907-00	Flat	8IP
4-40	3/8"	3BT-F909-00	Flat	8IP
4-40	3/8"	3BT-P942-00	Pan	10IP
4-40	3/8"	3BT-C905-00	Socket Head Cap	10IP
4-40	1/2"	3BT-P941-00	Pan	10IP
<b>#6 Diameter</b>				
6-32	1/4"	3BT-B916-00	Button	10IP
6-32	1/4"	3BT-P908-00	Pan	15IP
6-32	3/8"	3BT-P909-00	Pan	15IP
6-32	3/8"	3BT-B915-00	Button	10IP
6-32	1/2"	3BT-P910-00	Pan	15IP
<b>#8 Diameter</b>				
8-32	1/4"	3BT-P904-00	Pan	20IP
8-32	3/8"	3BT-P905-00	Pan	20IP
8-32	1/2"	3BT-P906-00	Pan	20IP
8-32	1/2"	3BT-F902-00	Flat	15IP

Thread Size	Length	Part Number	Head Style	Recess
<b>M1 Diameter</b>				
M1-0.25	1.5mm	3BT-P955-00	Pan	2IP
M1-0.25	2mm	3BT-P956-00	Pan	2IP
M1-0.25	2.5mm	3BT-P957-00	Pan	2IP
<b>M1.2 Diameter</b>				
M1.2-0.25	1.5mm	3BT-P958-00	Pan	3IP
M1.2-0.25	2mm	3BT-P959-00	Pan	3IP
M1.2-0.25	2.5mm	3BT-P960-00	Pan	3IP
<b>M2 Diameter</b>				
M2-0.4	4mm	3BT-P935-00	Pan	6IP
M2-0.4	6mm	3BT-P936-00	Pan	6IP
M2-0.4	10mm	3BT-P934-00	Pan	6IP
<b>M3 Diameter</b>				
M3-0.5	6mm	3BT-P900-00	Pan	10IP
M3-0.5	8mm	3BT-P901-00	Pan	10IP
M3-0.5	10mm	3BT-P902-00	Pan	10IP
M3-0.5	14mm	3BT-P903-00	Pan	10IP
<b>M4 Diameter</b>				
M4-0.7	6mm	3BT-P939-00	Pan	20IP
M4-0.7	8mm	3BT-P940-00	Pan	20IP
M4-0.7	12mm	3BT-P938-00	Pan	20IP
<b>M5 Diameter</b>				
M5-0.8	10mm	3BT-P923-00	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 to 1/4"
- M3 to M5
- Head Styles: Pan
- Drive System: TORX PLUS® Drive
- Material: Low carbon steel
- Plating: Zinc and clear

## Features & Benefits

- Manufacturing method forms burr upwards, producing a truly flat bearing surface free of sharp edges
- Preassembled to fasteners
- Can eliminate double washer combinations
- Maximizes joint integrity
- Helps prevent embedding, notching and marring in application

Thread Size	Length	Part Number	Head Style	Recess
<b>#2 Diameter</b>				
2-56	1/4"	3BT-P824-00	Pan	7IP
2-56	3/8"	3BT-P825-00	Pan	7IP
<b>#4 Diameter</b>				
4-40	1/4"	3BT-P855-00	Pan	10IP
4-40	3/8"	3BT-P838-00	Pan	10IP
4-40	1/2"	3BT-P854-00	Pan	10IP
<b>#6 Diameter</b>				
6-32	1/4"	3BT-P833-00	Pan	15IP
6-32	3/8"	3BT-P834-00	Pan	15IP
6-32	1/2"	3BT-P835-00	Pan	15IP
6-32	3/4"	3BT-P836-00	Pan	15IP
6-32	1"	3BT-P837-00	Pan	15IP
<b>#8 Diameter</b>				
8-32	1/4"	3BT-P830-00	Pan	20IP
8-32	3/8"	3BT-P831-00	Pan	20IP
8-32	1/2"	3BT-P832-00	Pan	20IP
<b>#10 Diameter</b>				
10-32	3/8"	3BT-P828-00	Pan	25IP
10-32	1/2"	3BT-P829-00	Pan	25IP
<b>1/4" Diameter</b>				
1/4-20	1/2"	3BT-P826-00	Pan	30IP

Thread Size	Length	Part Number	Head Style	Recess
<b>M3 Diameter</b>				
M3-0.5	6mm	3BT-P843-00	Pan	10IP
M3-0.5	8mm	3BT-P8631-00	Pan	10IP
M3-0.5	10mm	3BT-P8632-00	Pan	10IP
<b>M4 Diameter</b>				
M4-0.7	6mm	3BT-P842-00	Pan	20IP
M4-0.7	8mm	3BT-P839-00	Pan	20IP
M4-0.7	10mm	3BT-P841-00	Pan	20IP
M4-0.7	12mm	3BT-P840-00	Pan	20IP
<b>M5 Diameter</b>				
M5-0.8	10mm	3BT-P827-00	Pan	25IP

# TORX PLUS® Drive System Tooling

The patented drive system proven to outperform and outlast every traditional drive system available today



## Features & Benefits

- 0° drive angle
- Elliptical geometric configuration maximizes drive bit engagement
- Large cross-sectional area at lobes
- Vertical sidewalls
- Provides an average 100% improvement in drive bit life; can reduce assembly downtime by reducing the number of bit changes and rework
- Optimizes torque transfer
- Virtually eliminates camout – reduces driver end load and worker fatigue

Size	Length	Part Number
<b>TORX PLUS Hex Insert Bits (1/4" Hex Shank)</b>		
3IP	1	357-P0301-61
4IP	1	357-P0401-61
5IP	1	357-P0501-61
6IP	1	357-P0601-61
7IP	1	357-P0701-61
8IP	1	357-P0801-61
10IP	1	357-P1001-61
15IP	1	357-P1501-61
20IP	1	357-P2001-61
25IP	1	357-P2501-61
27IP	1	357-P2701-61
30IP	1	357-P3001-61
40IP	1	357-P4001-61
<b>TORX PLUS Hex Insert Bits (5/16" Hex Shank)</b>		
30IP	1-1/4	357-P3002-01
40IP	1-1/4	357-P4002-01
45IP	1-1/4	357-P4502-01
<b>TORX PLUS Hex Insert Bits (5/8" Hex Shank)</b>		
50IP	1-1/2	357-P5002-41
55IP	1-1/2	357-P5502-41
60IP	1-1/2	357-P6002-41
70IP	1-1/2	357-P7002-41
<b>TORX PLUS Hex Insert Bits (7/8" Hex Shank)</b>		
80IP	2	357-P8003-21

Size	Length	Part Number
<b>TORX PLUS Power Bits (1/4" Shank)</b>		
6IP	2	357-P0603-21
7IP	2	357-P0703-21
8IP	2	357-P0803-21
10IP	2	357-P1003-21
15IP	2	357-P1503-21
20IP	2	357-P2003-21
25IP	2	357-P2503-21
27IP	2	357-P2703-21
30IP	2	357-P3003-21
40IP	2	357-P4003-21
6IP	2-3/4	357-P0604-41
7IP	2-3/4	357-P0704-41
8IP	2-3/4	357-P0804-41
10IP	2-3/4	357-P1004-41
15IP	2-3/4	357-P1504-41
20IP	2-3/4	357-P2004-41
25IP	2-3/4	357-P2504-41
27IP	2-3/4	357-P2704-41
30IP	2-3/4	357-P3004-41
40IP	2-3/4	357-P4004-41
6IP	3-1/2	357-P0605-61
7IP	3-1/2	357-P0705-61
8IP	3-1/2	357-P0805-61
10IP	3-1/2	357-P1005-61
15IP	3-1/2	357-P1505-61
20IP	3-1/2	357-P2005-61
25IP	3-1/2	357-P2505-61
27IP	3-1/2	357-P2705-61
30IP	3-1/2	357-P3005-61
8IP	6	357-P0809-61
10IP	6	357-P1009-61
15IP	6	357-P1509-61
20IP	6	357-P2009-61
25IP	6	357-P2509-61
27IP	6	357-P2709-61
30IP	6	357-P3009-61

## 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.

#### 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, external TORX® 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, Pozidriv®, 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 an Infastech application specialist.

#### 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, a patch or adhesive should be selected with the consultation of your Infastech 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 optimum 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.

To be connected to an Infastech applications engineer, or to inquire about a non-standard item, please call **1-800-544-6117**.









**Decorah Operations**

1304 Kerr Drive • Decorah, IA 52101-2494  
voice: 563.382.4216 • fax: 563.387.3326

**1-800-544-6117**

[infastech.com](http://infastech.com)

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