












PRODUCT SELECTION CHART

FLEX TECHNOLOGY




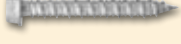

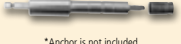
	Base Application(s)	Unique Features	Material/Heat Treatment	Diameter/Thread Type	Made In USA	Listing/ Approvals
Dril-Flex® Grade 5 Dual Hardened Structural Self Drilling Screws 	<ul style="list-style-type: none"> Steel to Steel Steel/Aluminum Combinations Aluminum to Aluminum 	Grade 5 dual-hardened for strength & ductility with resulting virtual immunity to embrittlement failure Silver Stalgard Stalgard SUB for HWH	Special Steel Alloy/ Grade 5 Dual Hardened	#10-16, #12-14, #12-24, 1/4-14, 1/4-20, 5/16-18 & 5/16-24	Yes	ICC-ER-3332 & COLA RR25095
Bi-Flex® 300 Stainless Steel Bi-Metal Self Drilling Screws 	<ul style="list-style-type: none"> Steel to Steel Steel/Aluminum Combinations Aluminum to Aluminum ACQ Treated Wood to Steel/Aluminum 	Superior corrosion resistance Bi-metal design - Aluminum-rich topcoat Stalgard GB	300 Stainless Steel and Hardened Carbon Steel self-drilling point	#8-18, #10-16, #12-14, #12-24, 1/4-14, 1/4-20	No	COLA RR25886
Alumi-Flex® 302 Stainless Steel Self Drilling Screws 	<ul style="list-style-type: none"> Aluminum Only 	302 Stainless Steel Drilling Screws with Stalgard GB®	302 Stainless Steel	#10-16, #12-14, 1/4-14, 1/4-20	Yes	
Tap-Flex® Grade 5 Dual Hardened Structural Thread Forming Screws 	<ul style="list-style-type: none"> Steel to Steel Steel/Aluminum Combinations Aluminum to Aluminum 	Grade 5 dual-hardened for strength & ductility with resulting virtual immunity to embrittlement failure Stalgard SUB (2000 hrs)	Special Steel Alloy/ Grade 5 Dual Hardened	3/8-16, 1/2-13 & 5/8-11	Yes	
All-Flex® Self-Tapping Screws 	<ul style="list-style-type: none"> Aluminum to Aluminum 	302 Stainless Steel Self-tapping screws with Stalgard GB	302 Stainless Steel	#10, #12, & #14	Yes	

The ConFlex® and AggreGator® concrete anchors also incorporate the ELCO Flex Technology

METAL FASTENING

	Base Application(s)	Unique Features	Material/Heat Treatment	Diameter/Thread Type	Made In USA	Listing/ Approvals
Dril-It® Self Drilling Screws 	<ul style="list-style-type: none"> Steel to Steel Wood to Steel Wood to Steel Wood: 3/8" up to 2-3/4" Steel: 24 gauge up to 1/4" 	Hex Washer Head Phillip Pan Heads Stalgard High Hex Washer Head With EPDM Rubber Sealing Washers Stalgard Extended Drilling Capacity (thicknesses of .210" to .500") with & without bonded washers Stalgard With Reaming Wings or Elongated Pilot Gray Stalgard for ACQ Treated Wood	Carbon Steel/Case Hardened	#8-18, #10-16, #12-14, 1/4-14 & 5/16-18 #10-16, #12-14, 1/4-14 #12-24 & 1/4-20 #10-16, #10-24, #12-24 & 1/4-20	Yes	ICC-ER-3294
Tap-Fast® Self Drilling Screws 	<ul style="list-style-type: none"> Light Gauge Metal to Wood 	With EPDM Rubber Sealing Washers Hi-Lo Threads and Type 17	Carbon Steel/Case Hardened	#10-16 Hi-Lo Threads	No	
Architectural Roof Clip Fasteners Self Drilling Screws 	<ul style="list-style-type: none"> Roof Clips to Steel Roof Clips to Wood 	Low Profile Pancake Head	Carbon Steel/Case Hardened	For Steel: #10-16, #12-14 For Wood: #10-12 & #12-11	Yes	
FabLok® Clamp-Up Rivet 	<ul style="list-style-type: none"> Light Gauge to Light Gauge Connecting thick to thin components 	Clamping rivet	Aluminum sleeve Carbon steel or stainless steel center screw	5/16"	Yes	

CONCRETE ANCHORING

	Base Application(s)	Unique Features	Material/Heat Treatment	Diameter/Thread Type	Made In USA	Listing/ Approvals
Ultracon® Concrete/Masonry Screw 	<ul style="list-style-type: none"> Concrete/Masonry 	Stalgard Tapered Shank and Gimlet Point	Carbon Steel/Case Hardened	3/16", 1/4" & 5/16" Alternating Hi-Lo Threads	Yes	Miami-Dade NOA 11-0406.01
Ultracon® SS4 Concrete/Masonry Screw 	<ul style="list-style-type: none"> Concrete/Masonry 	Stalgard	410 Stainless Steel/ Brite Hardened	1/4" Alternating Hi-Lo Threads	No	Miami-Dade NOA 13-1205.05
CreteFlex® SS4 Concrete/Masonry Screw 	<ul style="list-style-type: none"> Concrete/Masonry 	Larger #14-10 threads (larger cross section) Silver Stalgard	410 Stainless Steel/ Brite Hardened	3/16" & #14	Yes	Miami-Dade NOA 13-0219.02
AggreGator® 300 Series Stainless Steel Bi-Metal Concrete Screw 	<ul style="list-style-type: none"> Concrete/Masonry ACQ and/or Treated Wood to Concrete 	Stalgard GB	300 Series Stainless Steel and Hardened Carbon Steel tip	1/4" Alternating Hi-Lo Threads	No	Miami-Dade NOA 13-0924.02
ConFlex® Concrete/Masonry Screw 	<ul style="list-style-type: none"> Concrete (#14 suitable for concrete & masonry) 	Grade 5 dual-hardened for strength & ductility with resulting virtual immunity to embrittlement failure Stalgard SUB (2000 hrs)	Special Steel Alloy/ Grade 5 Dual Hardened	#14", 3/8" & 1/2" *Coming Soon	Yes	
RapidSet® Insert Anchor Setting Tool 	<ul style="list-style-type: none"> Setting Insert or Calk-in Anchors 	Unique design to "pull-up" insert into sleeve	Steel	For setting #10-24, 1/4-20 & 3/8-16 insert anchors	Yes	

BUILDING PROTECTION

	Base Application(s)	Unique Features	Material/Heat Treatment	Diameter/Thread Type	Made In USA	Listing/ Approvals
HangerMate® Threaded Rod Anchoring System 	<ul style="list-style-type: none"> Hanging Threaded Rod 	One piece design & strength One Drive Socket	Carbon Steel/Case Hardened	For Steel: 1/4-20 & 14-10 For Wood & Concrete: 5/16 & 14-10	Yes	UL & FM



www.DeWALT.com

PP Elco Anchor Cheat Sheet 011315/G05/W/WMI15-0023



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FASTENING INNOVATIONS

www.powers.com



PRODUCT SELECTION CHART

A Commitment to the Construction Industry

Elco Construction Products provides a broad range of quality fasteners and value-added services designed to speed construction, improve building integrity and ensure performance under demanding conditions.

- **Dril-Flex®** structural drill screws that are virtually immune to embrittlement failure
- **Bi-Flex™** 300 series (18-8) stainless steel self-drilling screws
- **Drilltite®** precision milled drill screws for greater drill consistency
- **Drilit®** screws with forged self-drilling points in a variety of styles
- **Alumi-Flex™** 300 series stainless steel self-drilling screws
- **UltraCon®** masonry fasteners now available in blue, silver, white or bronze **Stalgard®** finish in 3/16", 1/4" and 5/16" diameters
- **ConFlex®** large diameter masonry fasteners
- **Aggre-gator®** 300 series (18-8) stainless steel bi-metal concrete anchors
- **NEW Suspender™** dual-head threaded rod anchoring system
- **Fab-Lok®** clamping fasteners

In addition, many of the products shown in this catalog can be customized to meet the needs of your application.

We have attempted to make this catalog as complete and accurate as possible, but changes are inevitable. More part numbers and product lines will be added on a regular basis. Visit our website for the most up-to-date literature.

New Product Development

Our close relationship with the construction industry has led to many innovative products customized for specific applications. Our application engineers can work directly with you to find solutions for your particular need.

Fab-Lok® Fasteners

To maintain panel integrity in high-stress and high-vibration environments



Vibration, either from inside or outside a building, can make ordinary fasteners loosen and back out. Fab-Lok fasteners combine a slotted aluminum sleeve and fastener to provide high resistance to vibration loosening. Excellent for use with insulated panels.

Specifications

- Drive System: Hex
- Materials: Low carbon steel or 300 series stainless steel screw with aluminum sleeve
- Finish: Zinc

Features & Benefits

- Hex washer head machine screw assembled to a slotted aluminum sleeve and EPDM sealing washer
- After tightening, clamping tines remain in place even if screw is removed

Dril-Flex® Structural Drill Screws

Virtually immune to delayed embrittlement failures



Dual heat treated drill screws provide the strength, ductility and resistance to embrittlement required for critical applications.

Specifications

- Diameters: #10 to 5/16"
- Lengths: 3/4" to 4"
- Head/Drive Styles: Hex washer and phillips pan, wafer and undercut flat
- Point Types: #3, #4 and #5
- Material: Alloy steel
- Heat Treat: Grade 5
- Finish: Silver Stalgard® or Stalgard SUB coating

Features & Benefits

- Stalgard SUB coating (Hex washer product only) provides 2000 hours of salt spray resistance (per ASTM B117)
- High-hardness points and lead threads for drilling and tapping with lower-hardness in load-bearing threads for ductility
- Virtually immune to delayed embrittlement failures

Bi-Flex™ 300 Series Stainless Steel Bi-Metal Self-Drilling Screws

Bi-metal technology provides outstanding corrosion resistance and long service life



Bi-Flex™ fasteners provide the corrosion resistance of 300 series stainless steel and the efficiency of drillscrews.

Specifications

- Diameters: #10 to 1/4"
- Lengths: 3/4" to 8"
- Drive Systems: Hex and phillips
- Material: Hardened steel tapping threads and point fused onto an 18-8 stainless steel shank and head
- Finish: Stalgard® GB (Galvanic Barrier) coating

Features & Benefits

- High strength, ductility and reliability
- Virtually immune to delayed embrittlement failures
- Greater galvanic compatibility in dissimilar metal applications involving aluminum
- High in-place value over the life of application

Alumi-Flex™ 302 (18-8) Stainless Steel Drill Screws

For fastening to aluminum when corrosion is a primary concern



Stainless steel drill screws provide strength and corrosion resistance in a variety of aluminum applications.

Specifications

- Diameters: #10 to 1/4"
- Lengths: 1/2" to 1-1/2"
- Head Style: Hex washer
- Drive System: Hex
- Point Types: #3 and #4
- Material: 302 stainless steel
- Finish: Stalgard® GB (Galvanic Barrier) coating

Features & Benefits

- Provides a very high level of corrosion resistance
- Coating allows greater galvanic compatibility in dissimilar metal applications involving aluminum
- Head marked with a "3" for easy identification

ConFlex® Large Diameter Concrete Screw Anchors

Enhanced ductility allows use in demanding exterior applications



ConFlex® masonry screws are engineered to provide high pull-out and shear values with virtual immunity to brittle failures.

Specifications

- Diameters: Oversized 3/8" and 1/2"
- Material: Alloy steel
- Head Style: Hex washer head with locking serrations
- Thread Style: Double-lead
- Finish: Silver Stalgard® coating
- Tensile Yield: 92,000 KSI min. (Grade 5); Tensile Ultimate: 120,000 KSI min. (Grade 5)

Features & Benefits

- Flex Technology® heat treat allows virtual immunity to brittle failures,
- Locking serrations under the head provide back-out resistance

Aggre-Gator® 300 Series Stainless Bi-Metal Masonry Fasteners

The corrosion resistance of 300 series stainless steel in a threaded concrete anchor



Aggre-gator® anchors provide unmatched corrosion resistance in demanding applications, such as those in coastal or wet areas.

Specifications

- Diameter: 1/4"
- Lengths: 1-3/4" to 4"
- Heads: Hex washer and TrimFit® flat
- Material: 300 (18-8) stainless steel head and shank with fused and hardened steel tapping threads and gimlet point

Features & Benefits

- High in-place value over life of structure
- High strength and ductility
- Offers greater galvanic compatibility in dissimilar metal applications involving aluminum