SECTION 05430
SLOTTED CHANNEL FRAMING
(4DIMENSION™ STRUT SYSTEMS)

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Continuous slot, bolted metal framing channels and all associated fittings and hardware.

B. Trapeze type supports for cable tray, conduit, pipe and other similar systems.

C. Use of bolted metal framing as a surface metal raceway.

1.02 REFERENCES

A. ASTM A123 - Specification for Zinc (Hot-Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip

B. ASTM A653 - General Requirements for Steel Sheet, Zinc-Coated Galvanized by the Hot-Dip Process

C. ASTM A1008 - Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formablility

D. ASTM A240 - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and General Applications

E. ASTM F1136 – Standard Specification for Chromium/Zinc Corrosion Protective Coatings for Fasteners

F. ASTM A1018- Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Carbon, Hot-Rolled, Structural Quality

G. ASTM B633 - Specification for Electrodeposited Coatings of Zinc on Iron and Steel

H. MFMA - Metal Framing Manufacturers Association

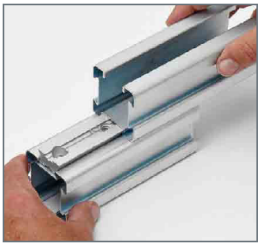
Two-Piece Strengthening Clamp†

Material #	UPC	Material Description	IDW Description	Finish	UoM	Box Qty
12470122	79903858340	4D5100-3/8 GLV 2-PC STRENGTHEN CLAMP	4D5100-3/8GLV	GLV	EA	20
12470123	79903858341	4D5100-3/8 SS6 2-PC STRENGTHEN CLAMP	4D5100-3/8SS6	SS6	EA	20
12470124	79903858342	4D5100-1/2 GLV 2-PC STRENGTHEN CLAMP	4D5100-1/2GLV	GLV	EA	20
12470125	79903858343	4D5100-1/2 SS6 2-PC STRENGTHEN CLAMP	4D5100-1/2SS6	SS6	EA	20

Two-Piece Strengthening Clamp

Back-To-Back Accessories†

Material #	UPC	Material Description	IDW Description	Finish	UoM	Box Qty
12470132	79903858350	4D5101 ZN BACK-TO-BACK SNAP-ON CLAMP	4D5101ZN	ZN	EA	50
12470106	79903858324	4DDN228 ZN 3/8 DUAL DOVETAIL NUT ASY	4DDN228ZN	ZN	EA	50
12470107	79903858325	4DDN228 SS6 3/8 DUAL DOVETAIL NUT ASY	4DDN228SS6	SS6	EA	50
12470126	79903858344	4DB-3 - 1/4 AL DOVE TAIL BAR ASY	4DB-3-1/4AL	AL	EA	20
12470127	79903858345	4DB-3 - 3/8 AL DOVE TAIL BAR ASY	4DB-3-3/8AL	AL	EA	20
12470128	79903858346	4DB-5 - 1/4 AL DOVE TAIL BAR ASY	4DB-5-1/4AL	AL	EA	20
12470129	79903858347	4DB-5 - 3/8 AL DOVE TAIL BAR ASY	4DB-5-3/8AL	AL	EA	20
12470130	79903858348	4DB-7 - 1/4 AL DOVE TAIL BAR ASY	4DB-7-1/4AL	AL	EA	20
12470131	79903858349	4DB-7 - 3/8 AL DOVE TAIL BAR ASY	4DB-7-3/8AL	AL	EA	20



Dove-Tail Bar

Channel Nuts†

Material #	UPC	Material Description	IDW Description	Finish	UoM	Box Qty
12470100	79903858318	4DNW224 ZN 1/4 DOVETAIL NUT WSHR COMB	4DNW224ZN	ZN	EA	100
12470101	79903858319	4DNW224 SS6 1/4 DOVETAIL NUT WSHR COMB	4DNW224SS6	SS6	EA	100
12470102	79903858320	4DNW223 ZN 5/16 DOVETAIL NUT WSHR COMB	4DNW223ZN	ZN	EA	100
12470103	79903858321	4DNW223 SS6 5/16 DOVETAIL NUT WSHR CMB	4DNW223SS6	SS6	EA	100
12470104	79903858322	4DNW228 ZN 3/8 DOVETAIL NUT WSHR COMB	4DNW228ZN	ZN	EA	100
12470105	79903858323	4DNW228 SS6 3/8 DOVETAIL NUT WSHR COMB	4DNW228SS6	SS6	EA	100
12470108	79903858326	4DSN224 ZN 1/4 DOVETAIL SLIDE-IN NUT	4DSN224ZN	ZN	EA	100
12470109	79903858327	4DSN224 SS6 1/4 DOVETAIL SLIDE-IN NUT	4DSN224SS6	SS6	EA	100
12470110	79903858328	4DSN223 ZN 5/16 DOVETAIL SLIDE-IN NUT	4DSN223ZN	ZN	EA	100
12470111	79903858329	4DSN223 SS6 5/16 DOVETAIL SLIDE-IN NUT	4DSN223SS6	SS6	EA	100
12470112	79903858330	4DSN228 ZN 3/8 DOVETAIL SLIDE-IN NUT	4DSN228ZN	ZN	EA	100
12470113	79903858331	4DSN228 SS6 3/8 DOVETAIL SLIDE-IN NUT	4DSN228SS6	SS6	EA	100
12469594	79903858312	4DTN224 ZN 1/4 DOVETAIL TWIRLNUT ASY	4DTN224ZN	ZN	EA	100
12469595	79903858313	4DTN224 SS6 1/4 DOVETAIL TWIRLNUT ASY	4DTN224SS6	SS6	EA	100
12469596	79903858314	4DTN223 ZN 5/16 DOVETAIL TWIRLNUT ASY	4DTN223ZN	ZN	EA	100
12469597	79903858315	4DTN223 SS6 5/16 DOVETAIL TWIRLNUT ASY	4DTN223SS6	SS6	EA	100
12469598	79903858316	4DTN228 ZN 3/8 DOVETAIL TWIRLNUT ASY	4DTN228ZN	ZN	EA	100
12469599	79903858317	4DTN228 SS6 3/8 DOVETAIL TWIRLNUT ASY	4DTN228SS6	SS6	EA	100
12470114	79903858332	4DWN224 ZN 1/4 WIRE WING CHNL NUT ASY	4DWN224ZN	ZN	EA	100
12470115	79903858333	4DWN224 SS6 1/4 WIRE WING CHNL NUT ASY	4DWN224SS6	SS6	EA	100
12470116	79903858334	4DWN223 ZN 5/16 WIRE WING CHNL NUT ASY	4DWN223ZN	ZN	EA	100
12470117	79903858335	4DWN223 SS6 5/16 WIRE WING CHNL NUT ASY	4DWN223SS6	SS6	EA	100
12470118	79903858336	4DWN228 ZN 3/8 WIRE WING CHNL NUT ASY	4DWN228ZN	ZN	EA	100
12470119	79903858337	4DWN228 SS6 3/8 WIRE WING CHNL NUT ASY	4DWN228SS6	SS6	EA	100
12470120	79903858338	4DWN225 ZN 1/2 WIRE WING CHNL NUT ASY	4DWN225ZN	ZN	EA	100
12470121	79903858339	4DWN225 SS6 1/2 WIRE WING CHNL NUT ASY	4DWN225SS6	SS6	EA	100

† Patent pending

Wire Wing Nut

Dove-Tail Twirl Nut™

Slide-In Nut

Dove-Tail Combo Nut Washer

* B-Line has made every effort to ensure the integrity of the contents of this document. However, B-Line cannot accept responsibility for errors that may have been caused by changing part numbers, typographical or clerical errors in the preparation of this document.

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

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Eaton's B-Line Business
509 West Monroe Street
Highland, IL 62249
United States
Phone: 800-851-7415

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