

WESTLUND/EMCO WATER SOLUTIONS





We Are Certified and Award Winning

SPECIALISTS SERVING SPECIALISTS



Westlund Water Solutions is the leading Canadian distributor of pipes, valves, fittings, and all related equipment found 'inside the fence' for wastewater treatment plants, reservoirs, and pumping stations.



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WaterSolutions@WestlundPVF.com www.everythinginsidethefence.com



Product Specifications

STRUT PRODUCTS



For the most up to date information visit our website: www.taylorassociates.com

Distributed by:







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AYLORSTRUT



FIG. TS Page 2 STRUT CHANNEL and END CAPS



FIG. 900's Page 3 STRUT NUTS



Fig. 901 Page 3 ROD STIFFENER



FIG. 910's Page 3 STRUT SLIDE NUT



FIG. 910's Page 4 STRUT PIPE CLAMPS



FIG. 8500 Page 6 STRUT CUSHION CLAMP



Fig. 920 Page 7 STRUT CABLE CLAMP



Fig. TY300 Page 8 4 BEARING TROLLEY ASSY.



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STRUT CHANNEL

SIZE RANGE: 1" and 1 5/8"

MATERIAL: Cold Rolled Steel

FINISH: Pre-Galvanized

SERVICE: Various metal framing and fastening applications. **ORDERING:** Specify product #, profile, finish and length.

ALSO AVAILABLE IN:

Other Sizes & Lengths, Stainless Steel and Aluminum

Figure **TS**



Profile #	Ş	SPECIFICATION DATA				Standard	Bundle
	Profile (H x W)	Configuration	Material	Finish		Length	QTY
TS2-PG	1" x 1 5/8"	SOLID	12Ga	Pre -Galv.	1.44	10 Ft	50
TS2HS-PG	1" x 1 5/8"	HALF SLOT	12Ga	Pre -Galv.	1.36	10 Ft	50
TS2-SS6	1" x 1 5/8"	SOLID	12Ga	Stainless 316	1.44	10 Ft	50
TS4-PG	1 5/8" x 1 5/8"	SOLID	12Ga	Pre -Galv.	1.90	10 Ft	50
TS4HS-PG	1 5/8" x 1 5/8"	HALF SLOT	12Ga	Pre -Galv.	1.82	10 Ft	50
TS4-SS4	1 5/8" x 1 5/8"	SOLID	12Ga	Stainless 304	1.90	10 Ft	50
TS4HS-SS4	1 5/8" x 1 5/8"	HALF SLOT	12Ga	Stainless 304	1.82	10 Ft	50
TS4-SS6	1 5/8" x 1 5/8"	SOLID	12Ga	Stainless 316	1.90	10 Ft	50
TS4HS-SS6	1 5/8" x 1 5/8"	HALF SLOT	12Ga	Stainless 316	1.82	10 Ft	50

SPECIFICATIONS OF OTHER SIZES AND PROFILES ALSO AVAILABLE (HALF SLOT CONFIGURATION - HOLES at 2" CENTERS, 1 1/8" LONG, 9/16" WIDE)

END CAPS					
Size	For Profile				
EC100	1" x 1 5/8"				
EC158	1 5/8" x 1 5/8"				





STRUT NUTS

TAYLORSTRUT

Strut Nut - NO SPRING

900NS



Standard Finish: ELECTRO-PLATED ZINC
*All STAINLESS STEEL = Type 316L (1/4", 3/8" & 1/2" ONLY)

P	ART#	THREAD SIZE	MAT. THICKNESS	WT. PER 100
900	ONS 1/4	1/4-20	1/4"	7 #
900	ONS 3/8	3/8-16	3/8"	9 #
900	ONS 1/2	1/2-13	3/8"	9 #
900	ONS 5/8	5/8-11	3/8"	17 #
900	ONS 3/4	3/4-10	3/8"	14 #

Strut Nut - SHORT SPRING

900SH



Standard Finish: ELECTRO-PLATED ZINC *All STAINLESS STEEL = Type 316L

PART#	THREAD SIZE	MAT. THICKNESS	WT. PER 100
900SH 1/4	1/4-20	1/4"	7 #
900SH 3/8	3/8-16	3/8"	9#
900SH 1/2	1/2-13	3/8"	9#

Strut Nut - REGULAR SPRING

900RG



Standard Finish: ELECTRO-PLATED ZINC
All STAINLESS STEEL = Type 316L (1/4, 3/8* & 1/2* ONLY)

PART#	THREAD SIZE	MAT. THICKNESS	WT. PER 100
900RG 1/4	1/4-20	1/4"	7 #
900RG 5/16	5/16-18	1/4"	7 #
900RG 3/8	3/8-16	3/8"	9 #
900RG 1/2	1/2-13	3/8"	9 #
900RG 5/8	5/8-11	1/2"	18 #
900RG 3/4	3/4-10	1/2"	16 #
900RG 7/8	7/8-9	1/2"	14 #

ROD STIFFENER

901



For 3/8" through 5/8" ATR Strut ordered separately Standard Finish: Zinc Plated

WT. PER 100

Strut Slide Nut

902W



mperial	902W 1/4	1/4-20	20	13 #
	902W 3/8	3/8-16	20	14 #
트	902W 1/2	1/2-13	20	14 #
b	902W M8	M8-1.25	20	13 #
Metric	902W M10	M10-1.5	20	14 #
2	902W M12	M12-1.75	20	14 #

BOX QTY.

THREAD SIZE

Standard Finish: ELECTRO-PLATED ZINC

STANDARD FINISHES: Zinc Plated

ALSO AVAILABLE IN: STAINLESS STEEL

TAYLORSTRUT

Zinc Strut Pipe Clamp - RIGID

910R



*Stainless Steel 910R 2 - 910R 8 = 14 GA.

Design Load

PART No.	PIPE SIZE	O.D.	*GAUGE	Design Load	Wt. Per 100	Std. Pkg.
910R 3/8	3/8	0.675	16 GA	400 #	9 #	100
910R 1/2	1/2	0.840	16 GA	400 #	14#	100
910R 3/4	3/4	1.050	14 GA	600 #	17 #	100
910R 1	1	1.315	14 GA	600 #	18 #	100
910R 1 1/4	1 1/4	1.660	14 GA	600 #	22 #	100
910R 1 1/2	1 1/2	1.900	14 GA	600 #	23 #	100
910R 2	2	2.375	14 GA	600 #	27 #	50
910R 2 1/2	2 1/2	2.875	12 GA	800 #	40 #	25
910R 3	3	3.500	12 GA	800 #	50 #	25
910R 3 1/2	3 1/2	4.000	12 GA	800 #	52 #	25
910R 4	4	4.500	12 GA	800 #	54 #	25
910R 5	5	5.563	12 GA	800 #	72 #	20
910R 6	6	6.625	12 GA	800 #	102 #	25
910R 8	8	8.625	12 GA	800 #	104 #	25

ALSO AVAILABLE IN: Stainless Steel (316 SS)

Zinc Strut Pipe Clamp - EMT

910E

PART No.	PIPE SIZE	O.D.	GAUGE	Design Load	Wt. Per 100	Std. Pkg.
910E 3/8	3/8	0.577	16 GA	400 #	7 #	100
910E 1/2	1/2	0.706	16 GA	400 #	12#	100
910E 3/4	3/4	0.922	16 GA	400 #	14#	100
910E 1	1	1.163	14 GA	600 #	16#	100
910E 1 1/4	1 1/4	1.510	14 GA	600 #	20 #	100
910E 1 1/2	1 1/2	1.740	14 GA	600 #	21 #	100
910E 2	2	2.197	14 GA	600 #	23 #	50

ALSO AVAILABLE IN: Stainless Steel (316 SS)

DESIGN LOAD INCLUDES A SAFETY FACTOR OF 5.0 (safety factor = ratio of ultimate load to the design load)
Zinc plated hex head screw and nut included.

PIPE SIZE

Copper-Gard Strut Pipe Clamp - COPPER TUBING

910C

Std. Pkg.



910C 3/8	3/8	0.500	16 GA	400 #	9 #	100
910C 1/2	1/2	0.625	16 GA	400 #	14#	100
910C 3/4	3/4	0.875	16 GA	400 #	16#	100
910C 1	1	1.125	14 GA	600 #	18#	100
910C 1 1/4	1 1/4	1.375	14 GA	600 #	22 #	100
910C 1 1/2	1 1/2	1.625	14 GA	600 #	23 #	100
910C 2	2	2.125	14 GA	600 #	25 #	100
910C 2 1/2	2 1/2	2.625	12 GA	800 #	40 #	50
910C 3	3	3.125	12 GA	800 #	50 #	50
910C 3 1/2	3 1/2	3.625	12 GA	800 #	52 #	25
910C 4	4	4.125	12 GA	800 #	54 #	25
910C 5	5	5.125	12 GA	800 #	72 #	25
910C 6	6	6.125	12 GA	800 #	102 #	25

Design Load

DESIGN LOAD INCLUDES A SAFETY FACTOR OF 5.0 (safety factor = ratio of ultimate load to the design load)

ALSO AVAILABLE IN: STAINLESS STEEL and ALUMINUM

PART No.

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STRUT CLAMPS

Strut Cushion Clamp

8500

SIZES: 1/4" OD through 4 1/8" OD

MATERIAL: Electro-galvanized steel with thermoplastic insulating liner. ALSO AVAILABLE IN: Stainless Steel (304 SS) and Stainless Steel (316 SS)

SERVICE: Prevents shock, vibration, corrosion, and metal contact in strut fastening applications.



PART No.	Copper Tube	IPS	Weight Each (LBS)	Pkg. Qty.
8500 - 1/4OD			0.11	25
8500 - 3/8OD	1/4"		0.11	25
8500 - 1/2OD	3/8"		0.11	25
8500 - 5/8OD	1/2"		0.12	25
8500 - 3/4OD	5/8"		0.13	25
8500 - 7/8OD	3/4"	1/2"	0.20	25
8500 - 1OD			0.21	25
8500 - 1 1/8OD	1"	3/4"	0.27	25
8500 - 1 1/4OD			0.29	10
8500 - 1 3/8OD	1 1/4"	1"	0.31	10
8500 - 1 1/2OD			0.35	10
8500 - 1 5/8OD	1 1/2"	1 1/4"	0.40	10
8500 - 1 7/8OD		1 1/2"	0.42	10
8500 - 2OD			0.46	10
8500 - 2 1/8OD	2"		0.49	10
8500 - 2 3/8OD		2"	0.60	10
8500 - 2 5/8OD	2 1/2"		0.62	10
8500 - 3 1/8OD	3"		0.65	10
8500 - 4 1/8OD	4"		0.90	10

#46 HOLD DOWN CLAMP

Finish: Bare Metal

alt: Zinc Plated, Hot Dipped Galvanized

Material: Carbon Steel

alt: Stainless Steel 304 and 316

Approvals: Complies with MSS SP-58

and SP-69 (Type 26).

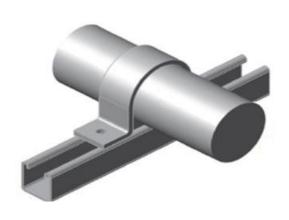
Recommended: Designed to steady a horizontal run

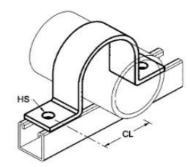
of pipe against a perpendicular

section of strut channel or any

other flat surface

Notes:





Iron Pipe		Weight Each (Lbs)		
Size	HS (Hole Size)	CL	MATERIAL	
1/2	5/16	15/16	1/8 x 1 5/8	0.23
3/4	5/16	1	1/8 x 1 5/8	0.26
1	5/16	1 1/8	1/8 x 1 5/8	0.31
1 1/4	5/16	1 5/16	1/8 x 1 5/8	0.35
1 1/2	5/16	1 7/16	1/8 x 1 5/8	0.39
2	7/16	2 1/8	1/4 x 1 5/8	0.94
2 1/2	7/16	2 3/8	1/4 x 1 5/8	1.14
3	7/16	2 11/16	1/4 x 1 5/8	1.33
3 1/2	7/16	7/16 2 15/16 1/2 9/16 3 3/16 1/2		1.52
4	9/16			1.76
5	9/16	3 3/4	1/4 x 1 5/8	1.98
6	9/16	4 1/4 1/4 x 1 5/8		2.25
8	9/16	5 5/16	1/4 x 1 3/4	3.10
10	9/16	6 5/16	1/4 x 1 3/4	3.70
12	9/16	7 5/16	1/4 x 1 3/4	4.40
14	15/16	8 7/8	3/8 x 1 3/4	7.80
16	15/16	9 7/8	3/8 x 1 3/4	8.70
18	15/16	11 3/4	1/2 x 1 3/4	13.20
20	15/16	12 3/4	1/2 x 1 3/4	14.50
24	15/16	14 3/4	1/2 x 1 3/4	17



TAYLORSTRUT

STRUT CLAMPS

25

25

Strut 1 Piece Adjustable Cable Clamp 920 PART No. O.D. RANGE GAUGE Wt. Per 100 Std. Pkg. 920-055 0.050 - 0.550 16 GA. 100 920-081 0.250 - 0.840 16 GA. 9 100 920-110 0.810 - 1.100 16 GA. 100 920-135 0.850 - 1.350 14 GA. 14 100 920-175 1.250 - 1.750 14 GA. 920-205 1.550 - 2.050 12 GA. 30 50 920-250 2.000 - 2.500 12 GA. 50 920-300 2.500 - 3.000 12 GA. 39 50 920-325 12 GA. 2.750 - 3.250 41 50 920-375 12 GA. 3.250- 3.750 47 25

920-425

920-475

*Stainless Steel 920-205 to 920-475 = 14 GA.

3.750 - 4.250

4.250 - 4.750

12 GA.

12 GA.

58

STANDARD FINISHES: Zinc Plated

ALSO AVAILABLE IN: STAINLESS STEEL and ALUMINUM

TWO BEARING TROLLEY ASSEMBLY

MATERIAL: Carbon Steel Plate

Stainless Steel Ball Bearings- Sealed

FINISH: Electro-Plated Zinc

SERVICE: Designed to roll inside strut channel.

Not for continuous cycling applications.

ORDERING: Figure number, name and finish.

PRODUCT #	DESIGN LOAD		RPM	PLATE	вох
	LBS	kN		MATERIAL	QTY.
	150	(.67)	@600		
TY100	225	(1.00)	@300	1/4" x 1 1/4"	50
	437	(1.94)	@100		





Safety Factor of 2.5

Wt/C 48Lbs

FOUR BEARING TROLLEY ASSEMBLY

MATERIAL: Carbon Steel Plate

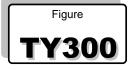
Stainless Steel Ball Bearings- Sealed FINISH: Electro-Plated Zinc

SERVICE: Designed to roll inside strut channel.

Not for continuous cycling applications.

ORDERING: Figure number, name and finish.

PRODUCT #	DESIGN LOAD		RPM	PLATE	BOX
	LBS	kN	KFW	MATERIAL	QTY.
TY300	300	(1.33)	@600	1/4" x 3 1/2"	25
	450	(2.00)	@300		
	600	(2.67)	@100		



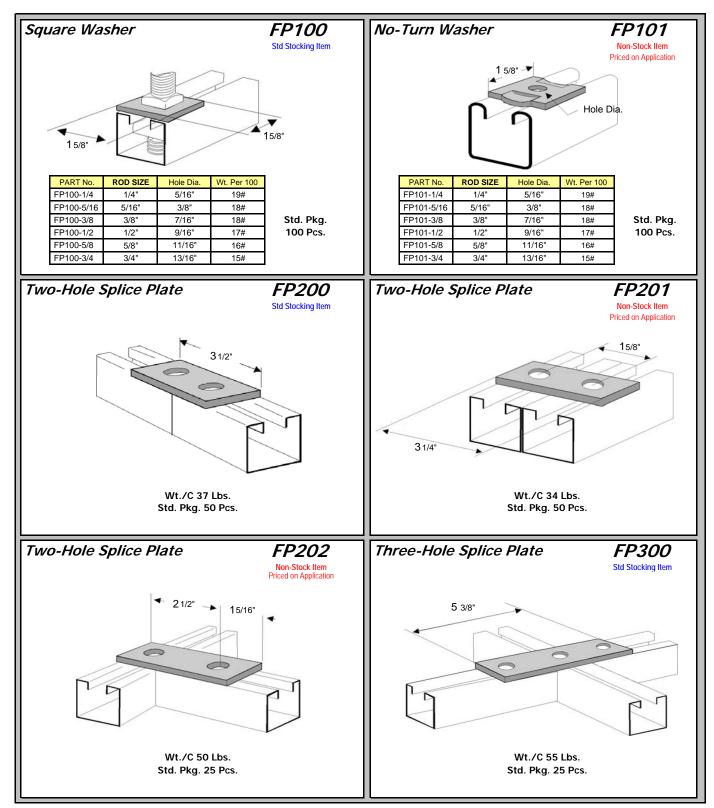


Safety Factor of 2.5

Wt/C 110Lbs

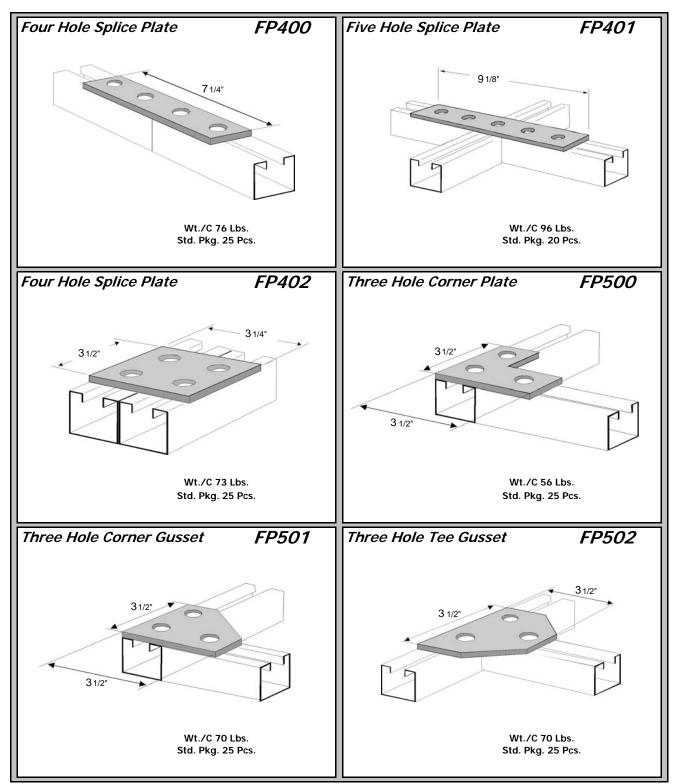


TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

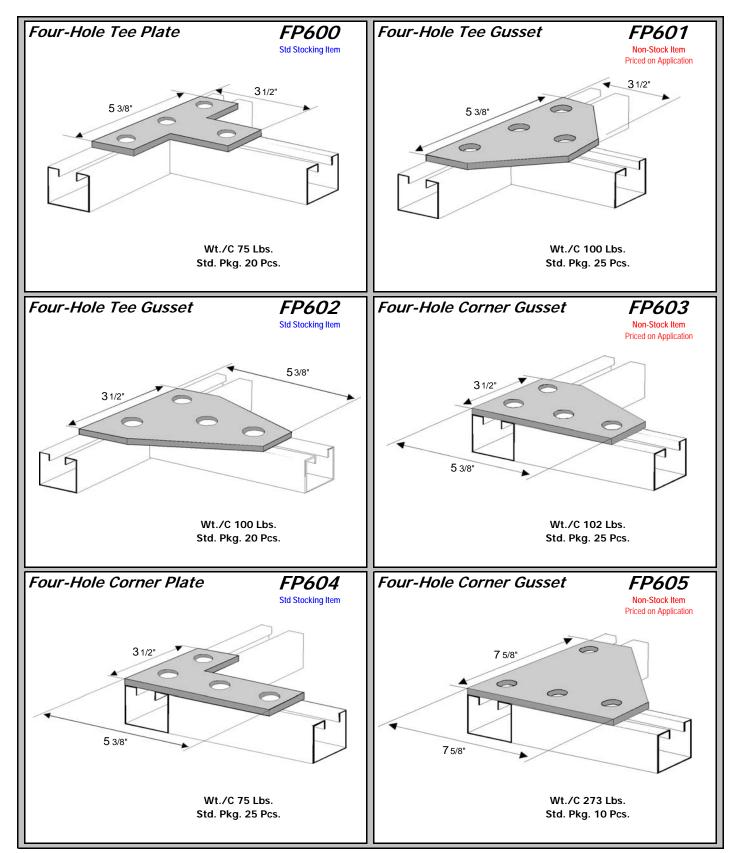
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plated

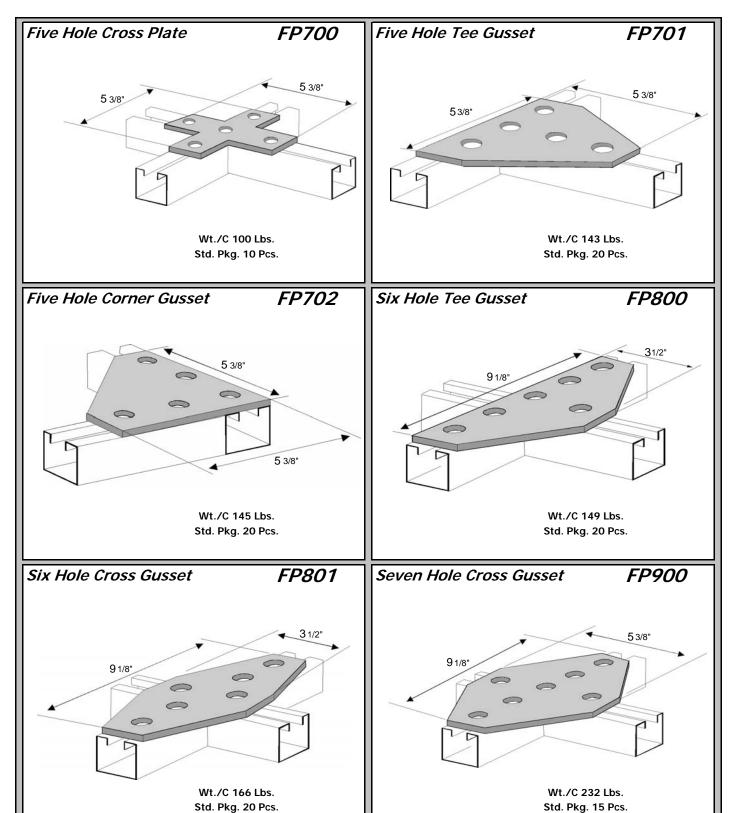
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"

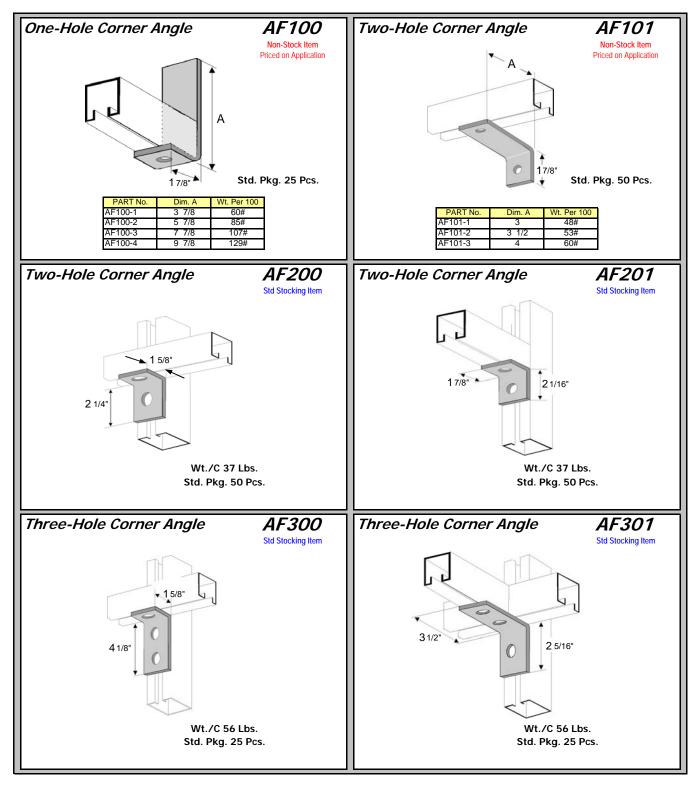
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

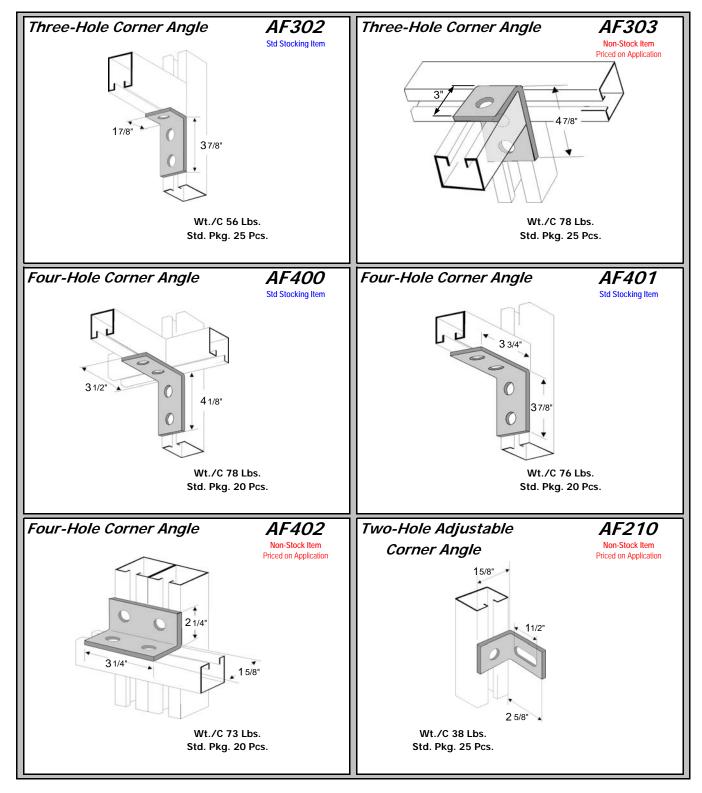
STANDARD FINISHES: Zinc Plated

TAYLOR STRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

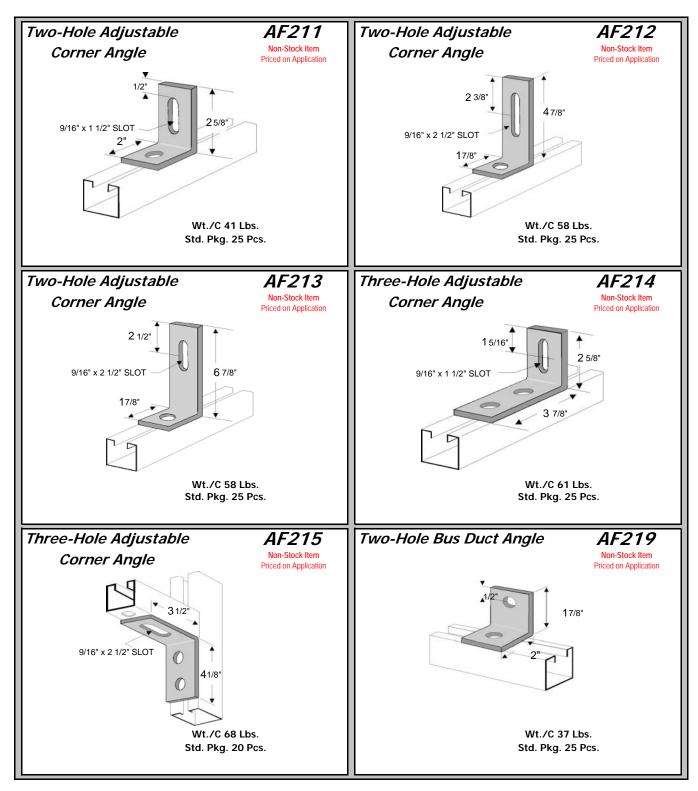
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

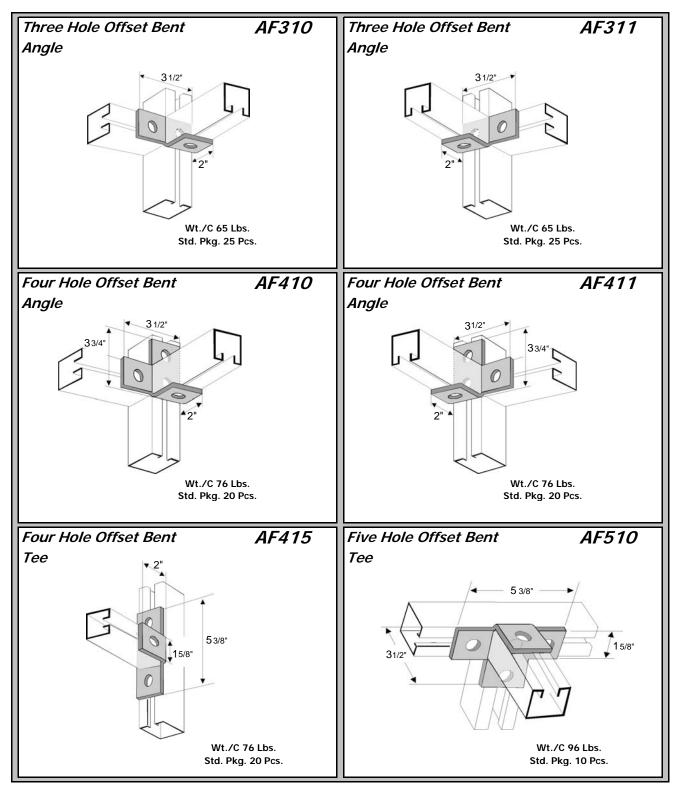
Width-1 5/8"; Thickness 1/4"

TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

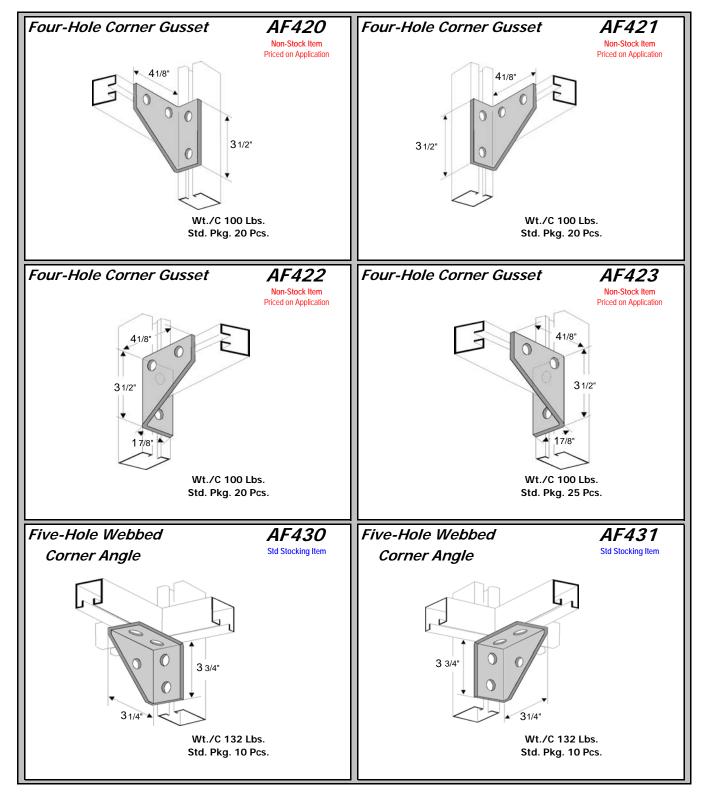
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating

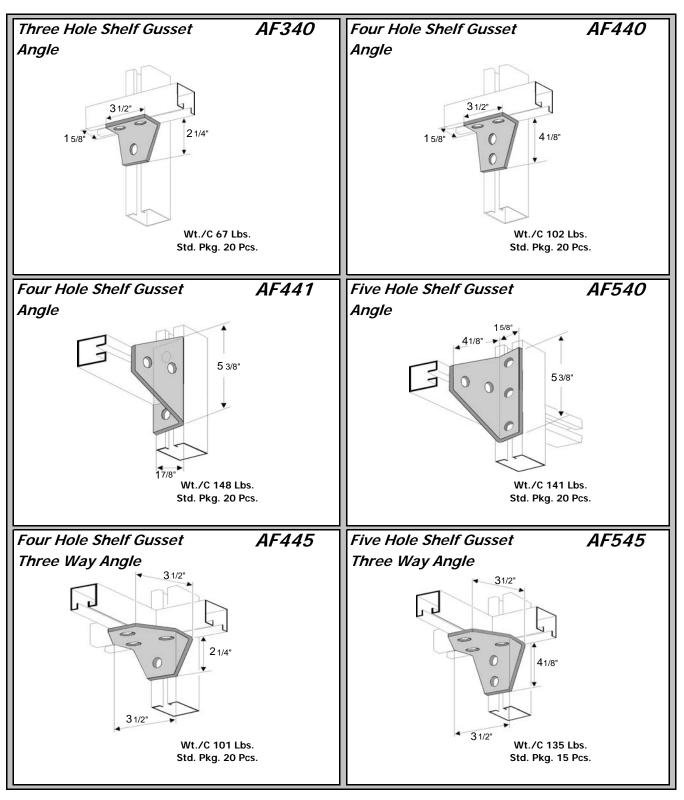
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"

TAYLOR STRUT

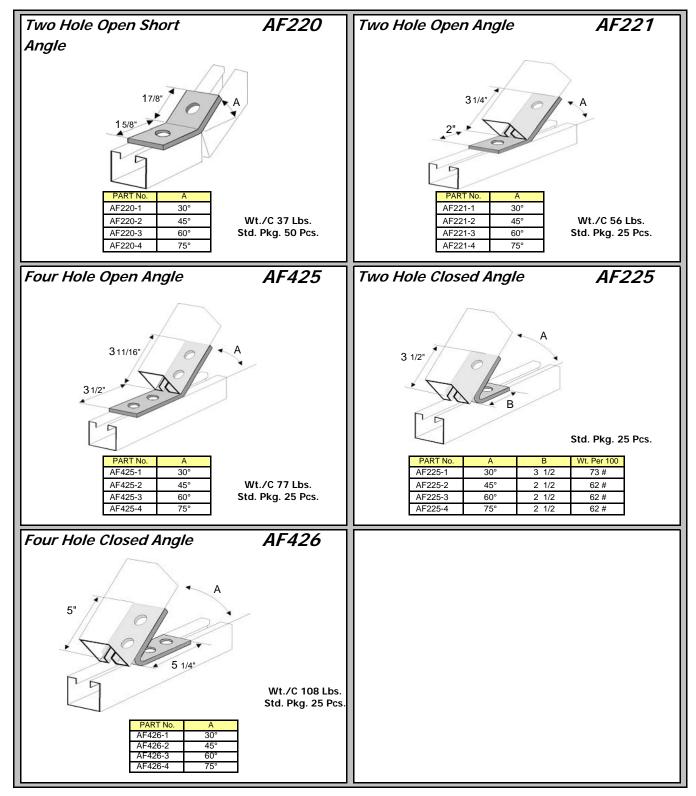


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating

ANGULAR FITTINGS

TAYLORSTRUT

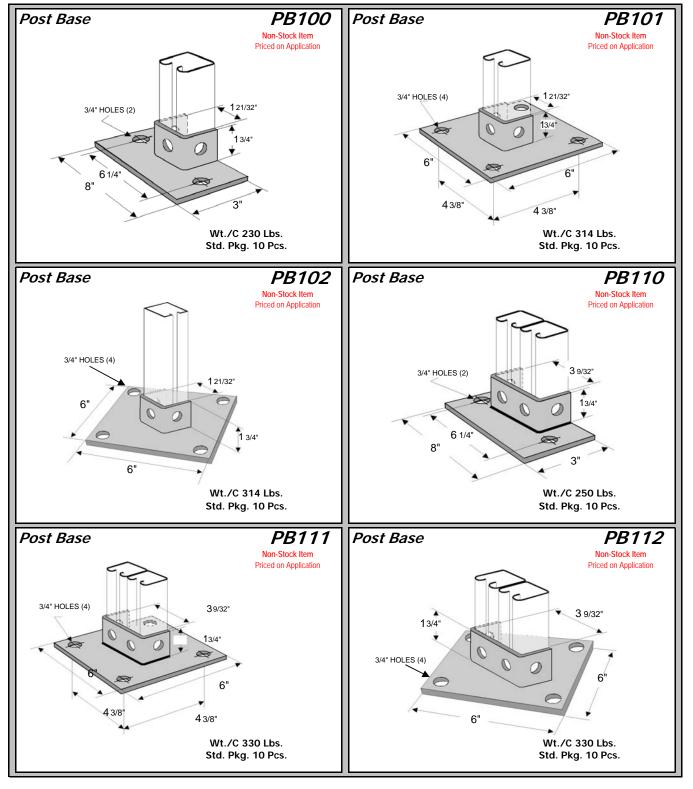


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating

POST BASES

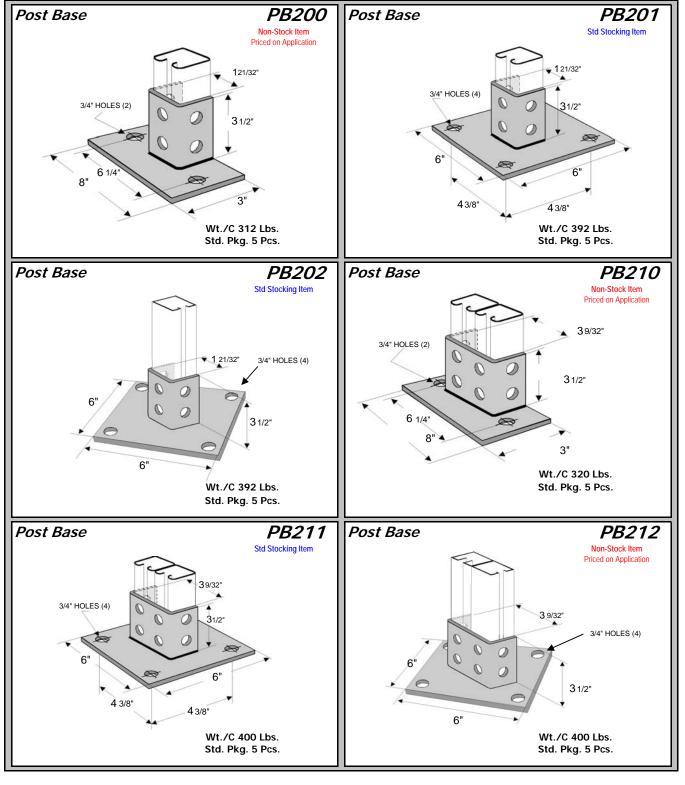
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

POST BASES

TAYLORSTRUT



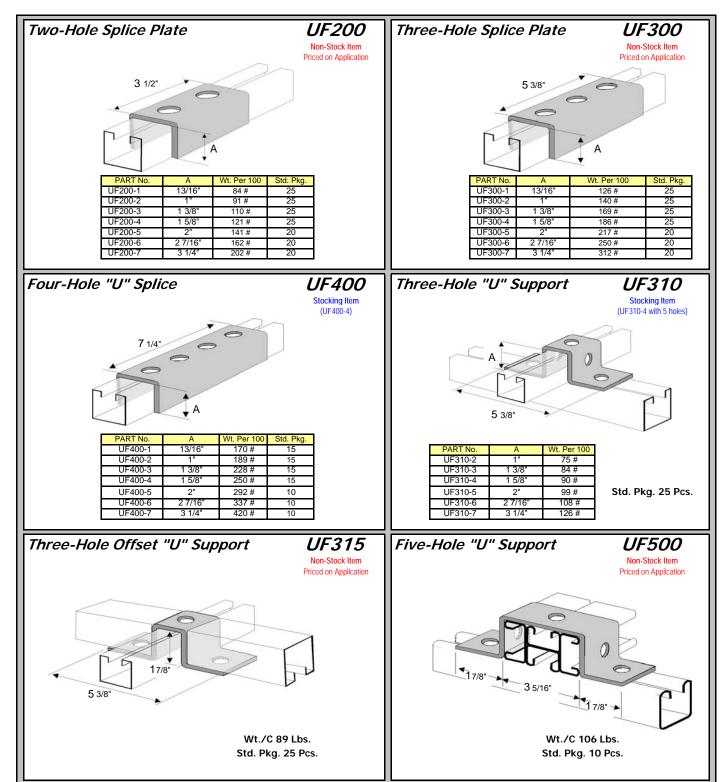
FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"

FINISHES AVAILABLE: Zinc Plated, Hot-Dipped Galvanized & Stainless Steel

"U" FITTINGS

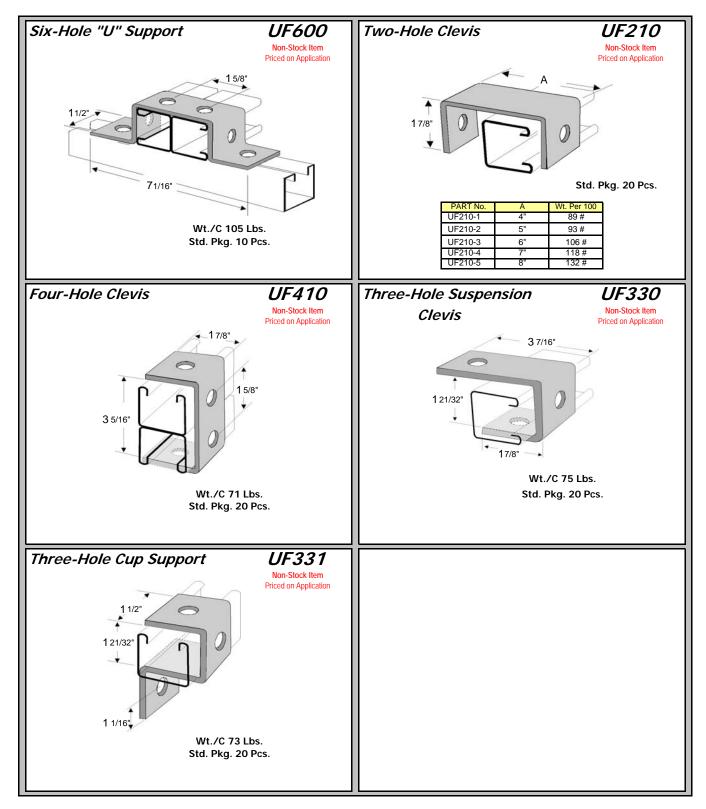
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 1/2"; Thickness 1/4"

"U" FITTINGS

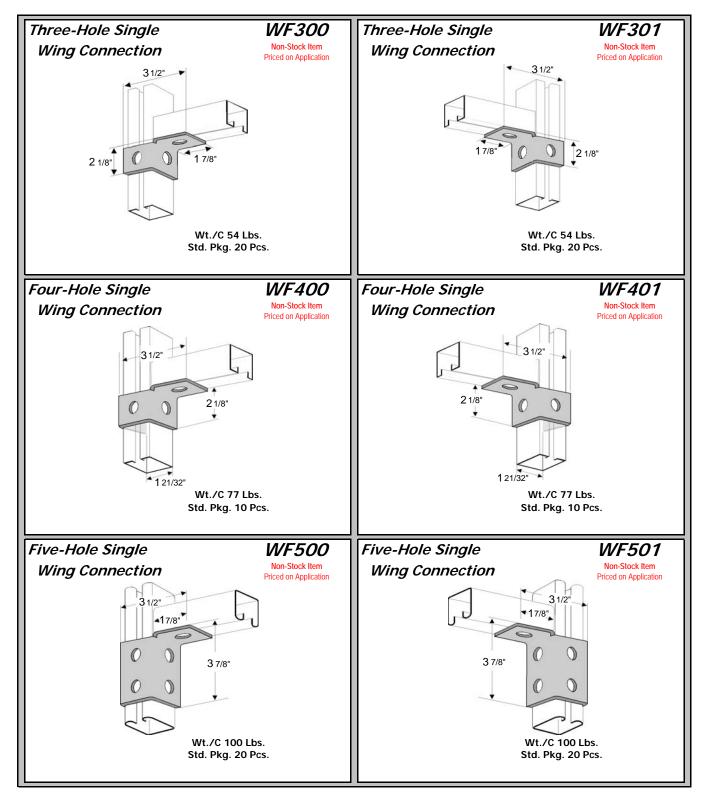
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 1/2"; Thickness 1/4"

WING FITTINGS

TAYLORSTRUT

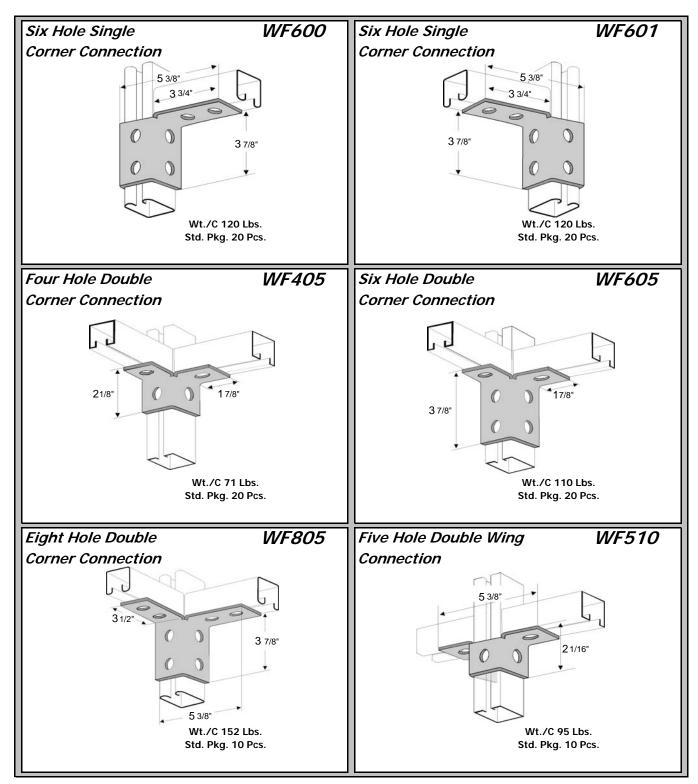


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"

WING FITTINGS

TAYLORSTRUT

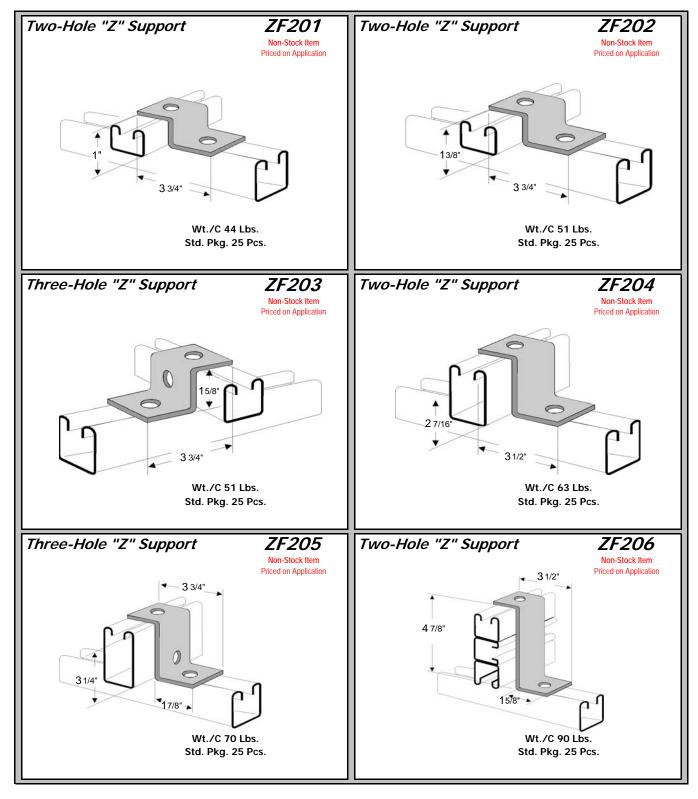


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plated

"Z" FITTINGS

TAYLORSTRUT

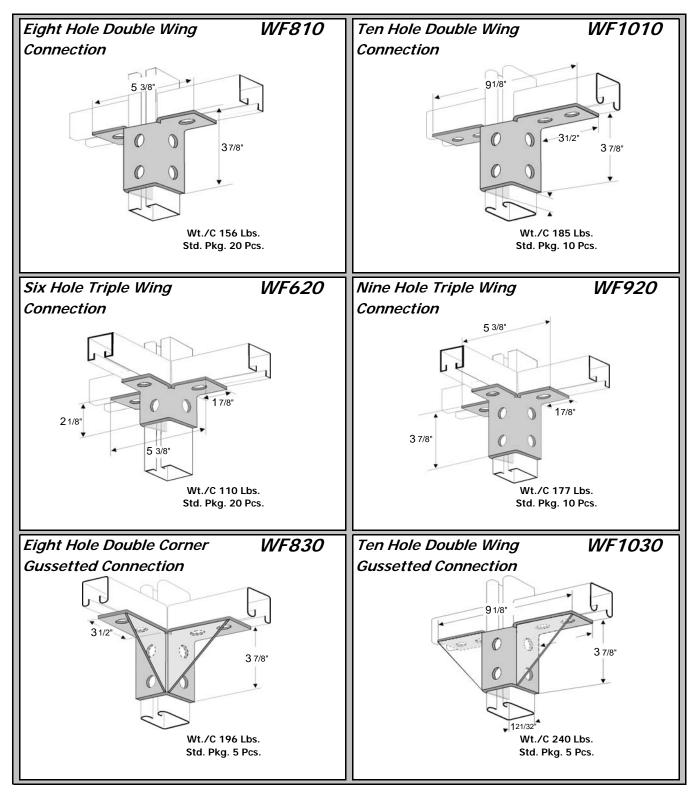


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 1/2"; Thickness 1/4"

WING FITTINGS

TAYLORSTRUT

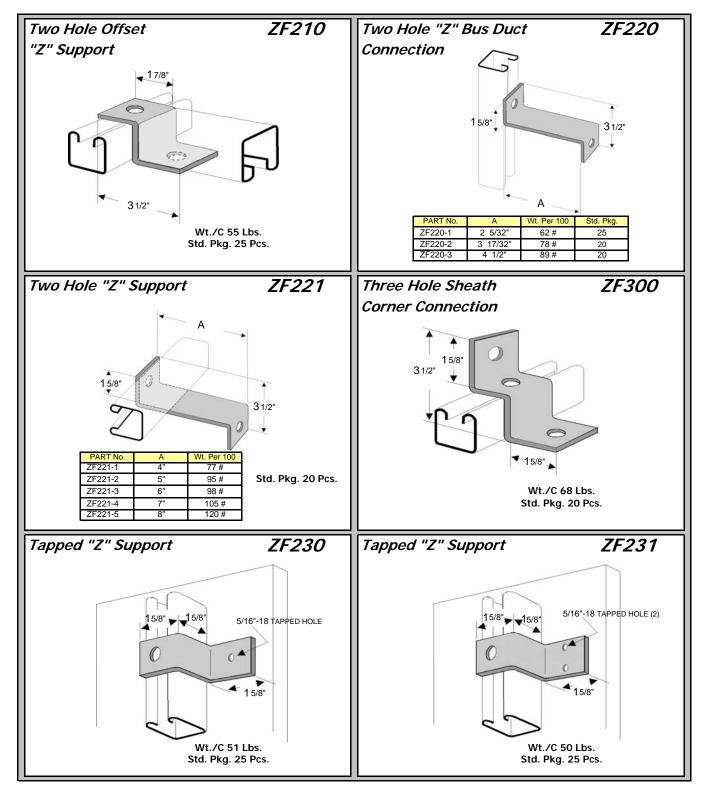


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8": Thickness 1/4"

STANDARD FINISHES: Zinc Plated

"Z" FITTINGS

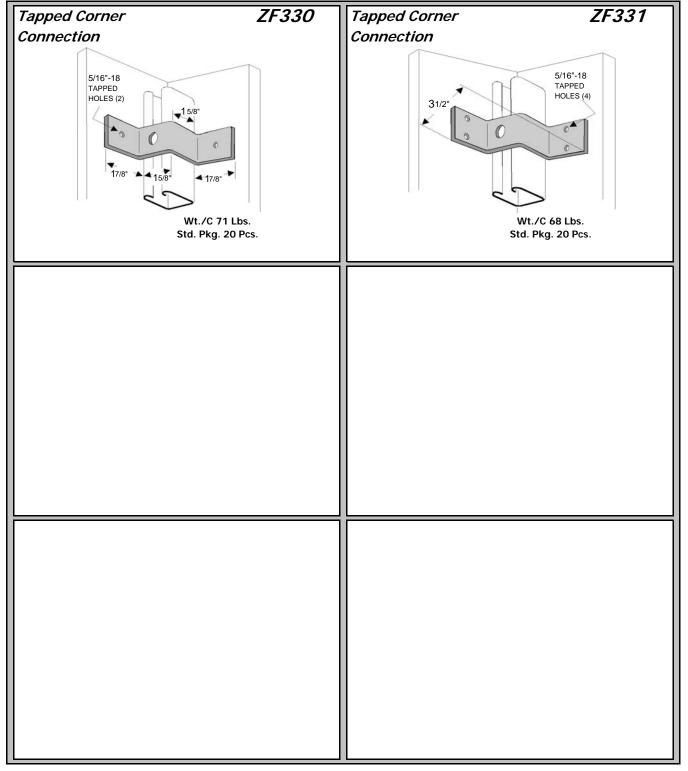
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 1/2"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating



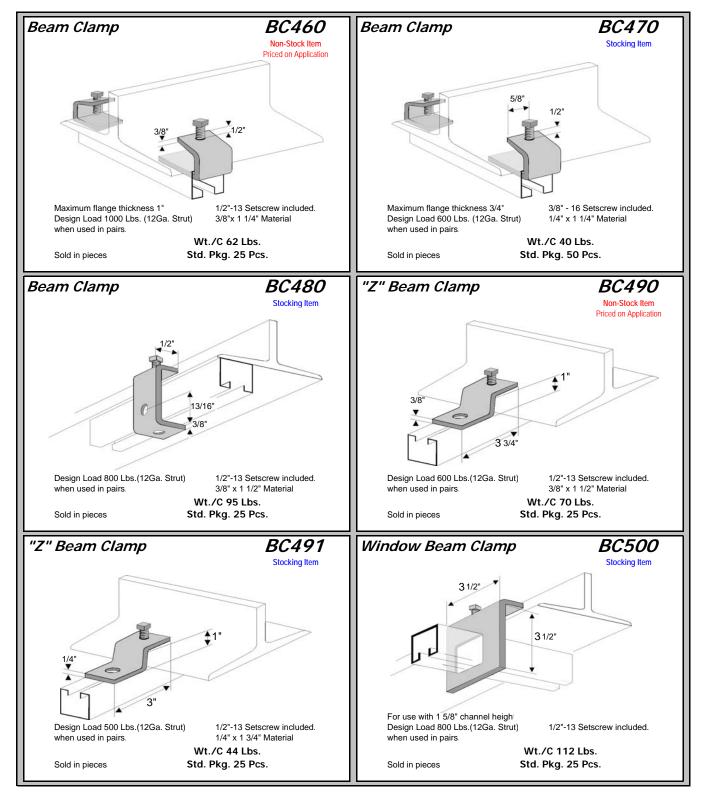


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 1/2"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating

BEAM CLAMPS

TAYLORSTRUT

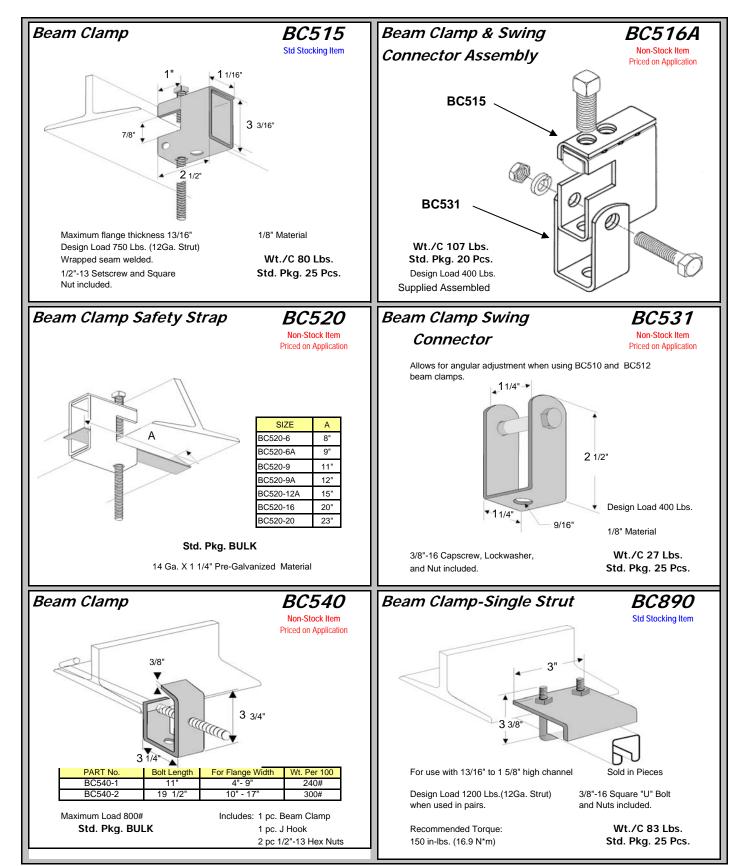


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"

BEAM CLAMPS

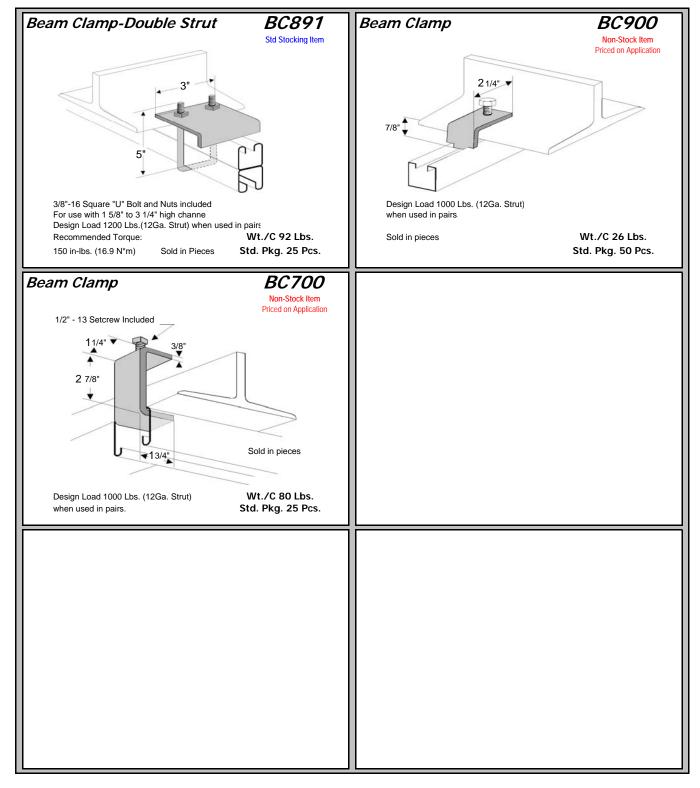
TAYLORSTRUT



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

BEAM CLAMPS

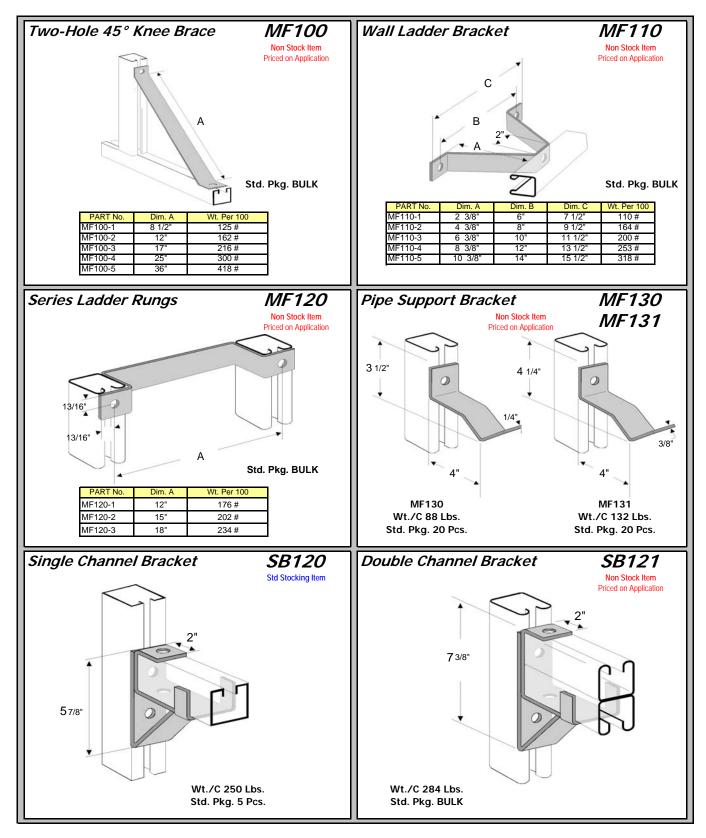




FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

MISCELLANEOUS FITTINGS

TAYLORSTRUT

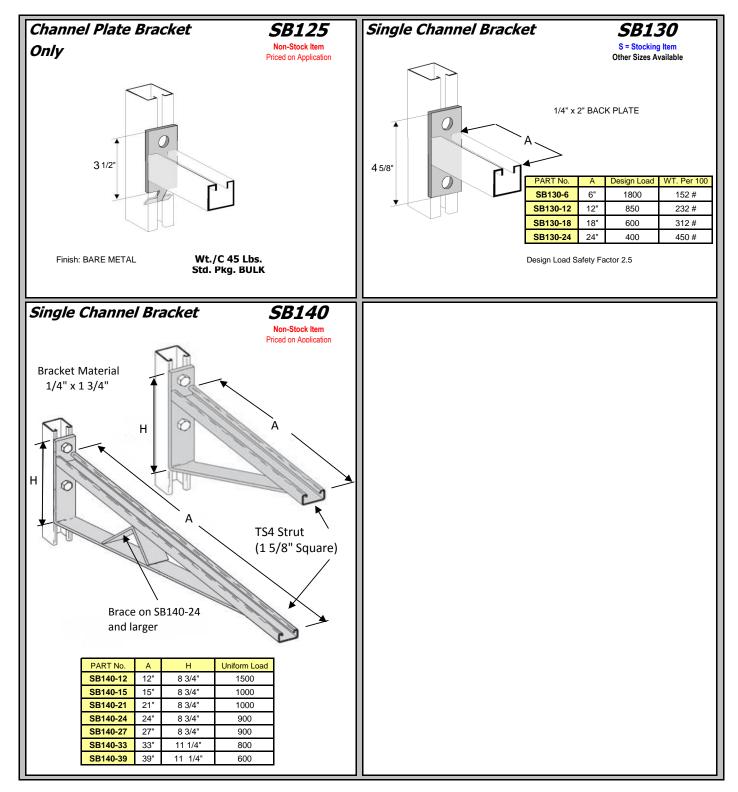


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 1/2"; Thickness 1/4"



MISCELLANEOUS FITTINGS



FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

Width-1 5/8"; Thickness 1/4"