

# **Product Specifications**

# **STRUT PRODUCTS**



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# TAYLOR STRUT



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 5 STRUT CUSHION CLAMP



Fig. 920 Page 6 STRUT CABLE CLAMP



Fig. TY300 Page 7 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





Profile #	5	SPECIFICATION DATA					Bundle
	Profile (H x W)	Configuration	Material	Finish	LBS / FT	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)

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







#### Strut Nut - NO SPRING

900NS



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
900NS 1/4	1/4-20	1/4"	7 #
900NS 3/8	3/8-16	3/8"	9#
900NS 1/2	1/2-13	3/8"	9#
900NS 5/8	5/8-11	3/8"	17 #
900NS 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



<u>a</u>	902W 1/4	1/4-20	20	13 #
Imperial	902W 3/8	3/8-16	20	14 #
	902W 1/2	1/2-13	20	14 #
			T	T
ပ	902W M8	M8-1.25	20	13 #
Metric	902W M10	M10-1.5	20	14 #
	902W M12	M12-1.75	20	14 #

BOX QTY.

THREAD SIZE

PART#

Standard Finish: ELECTRO-PLATED ZINC

STANDARD FINISHES: Zinc Plated
ALSO AVAILABLE IN: STAINLESS STEEL



### Strut 2-Piece Zinc Pipe Clamp - RIGID

910R



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

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	12 GA	800 #	30 #	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 #	20
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

Strut 2-Piece Zinc Pipe Clamp - EMT

910E

Zinc plated hex head screw and nut included.

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

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

# Strut 2-Piece Copper-Gard Pipe Clamp - COPPER TUBING

910C



Copper plated hex head screw and nut included.

PART No.	PIPE SIZE	O.D.	GAUGE	Design Load	Wt. Per 100	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 INCLUDES A SAFETY FACTOR OF 5.0 (safety factor = ratio of ultimate load to the design load)

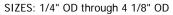
STANDARD FINISHES: Zinc Plated

ALSO AVAILABLE IN: STAINLESS STEEL and ALUMINUM



# Strut Cushion Clamp

*8500* 



MATERIAL: Electro-galvanized steel with thermoplastic insulating liner.

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 - 10D			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



### STRUT CLAMPS

### Strut 1 Piece Adjustable Cable Clamp





PART No.	O.D. RANGE	GAUGE	Wt. Per 100	Std. Pkg.
920-055	0.050 - 0.550	16 GA.	8	100
920-081	0.250 - 0.840	16 GA.	9	100
920-110	0.810 - 1.100	16 GA.	12	100
920-135	0.850 - 1.350	14 GA.	14	100
920-175	1.250 - 1.750	14 GA.	21	100
920-205	1.550 - 2.050	12 GA.	30	50
920-250	2.000 - 2.500	12 GA.	35	50
920-300	2.500 - 3.000	12 GA.	39	50
920-325	2.750 - 3.250	12 GA.	41	50
920-375	3.250- 3.750	12 GA.	47	25
920-425	3.750 - 4.250	12 GA.	54	25
920-475	4.250 - 4.750	12 GA.	58	25

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

STANDARD FINISHES: Zinc Plated

ALSO AVAILABLE IN: STAINLESS STEEL and ALUMINUM

#### TWO BEARING TROLLEY ASSEMBLY

MATERIAL: Carbon Steel Plate

Stainless Steel Ball Bearings- Sealed

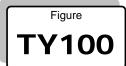
FINISH: Electro-Plated Zinc

**SERVICE:** Designed to roll inside strut channel.

Not for continuous cycling applications.

**ORDERING:** Figure number, name and finish.

PRODUCT#	DESIGN LOAD		RPM	PLATE
	LBS	kN	KI W	MATERIAL
TY100	150	(.67)	@600	1/4" x 1 1/4"
	225	(1.00)	@300	
	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
	LBS	kN	KFW	MATERIAL
TY300	300	(1.33)	@600	1/4" x 3 1/2"
	450	(2.00)	@300	
	600	(2.67)	@100	

TY300

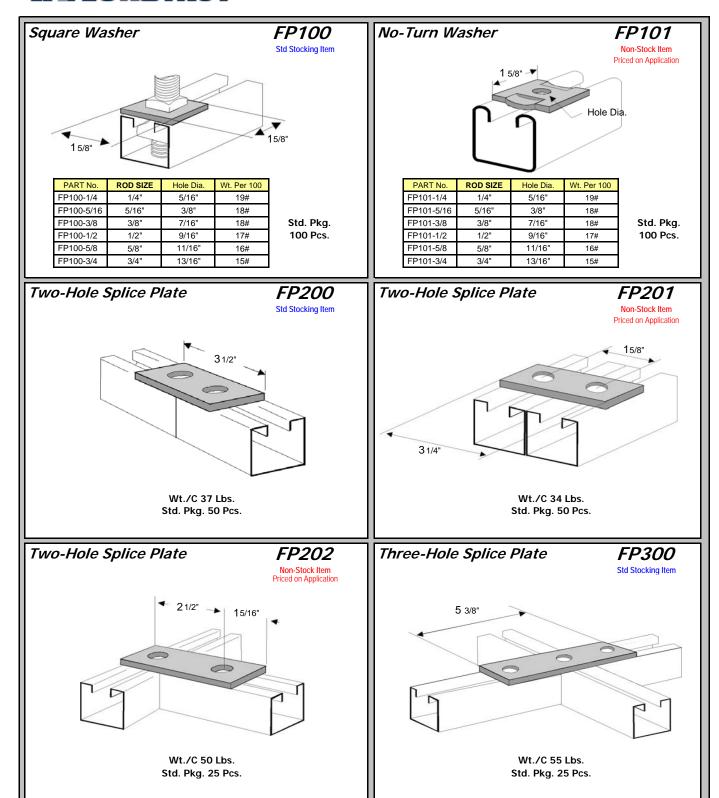


Safety Factor of 2.5

Wt/C 110Lbs



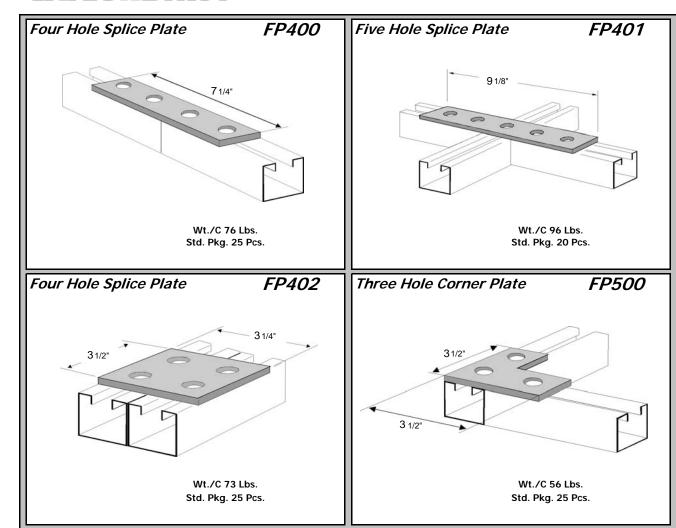
# **TAYLORSTRUT**

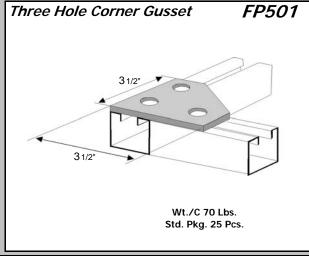


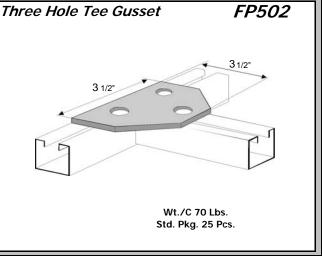
FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

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





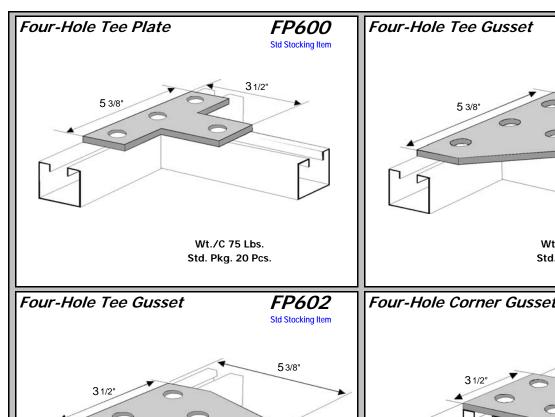


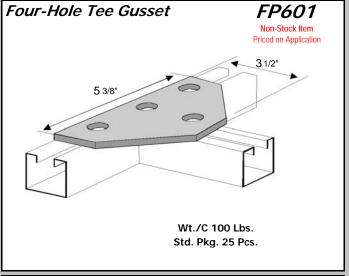


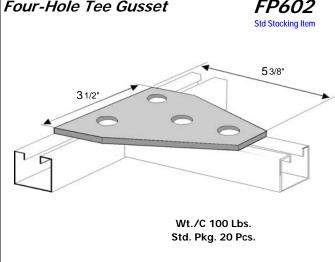
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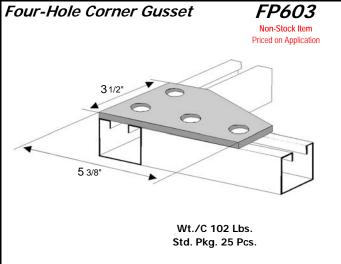
STANDARD FINISHES: Zinc Plated

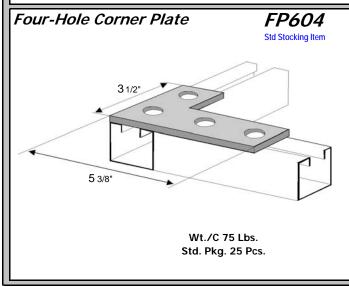
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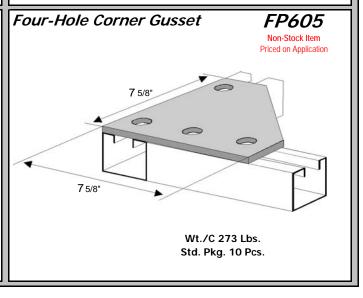






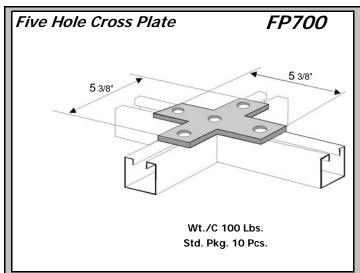


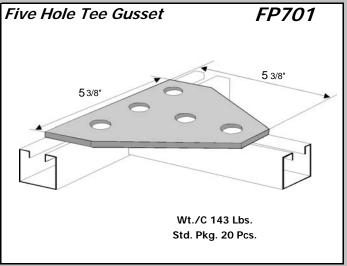


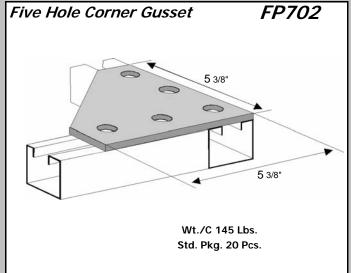


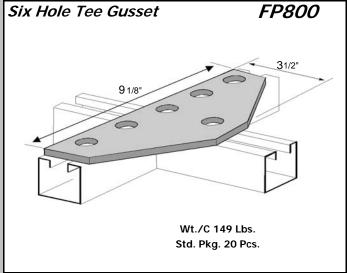
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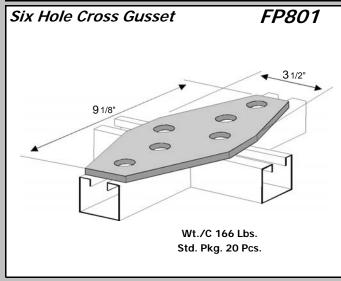
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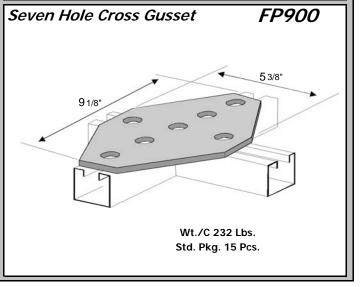








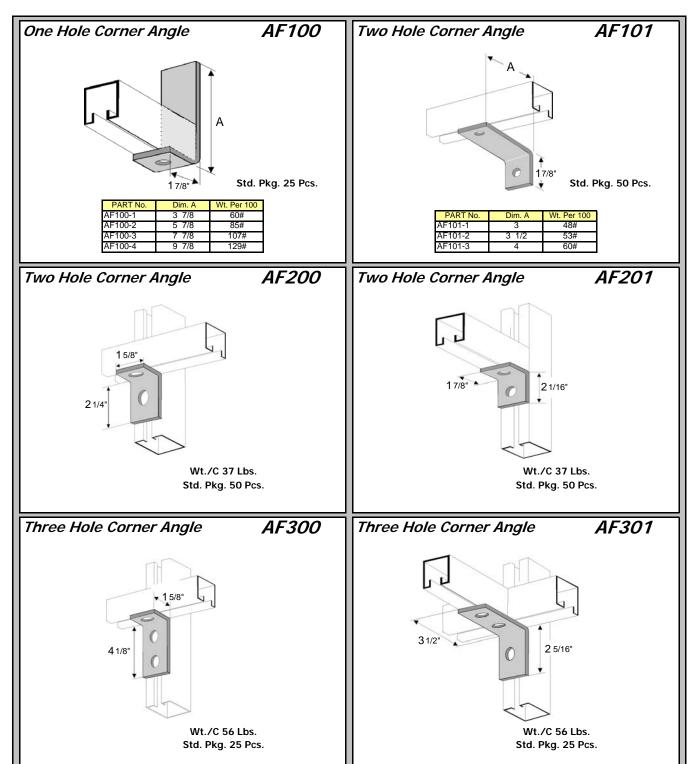




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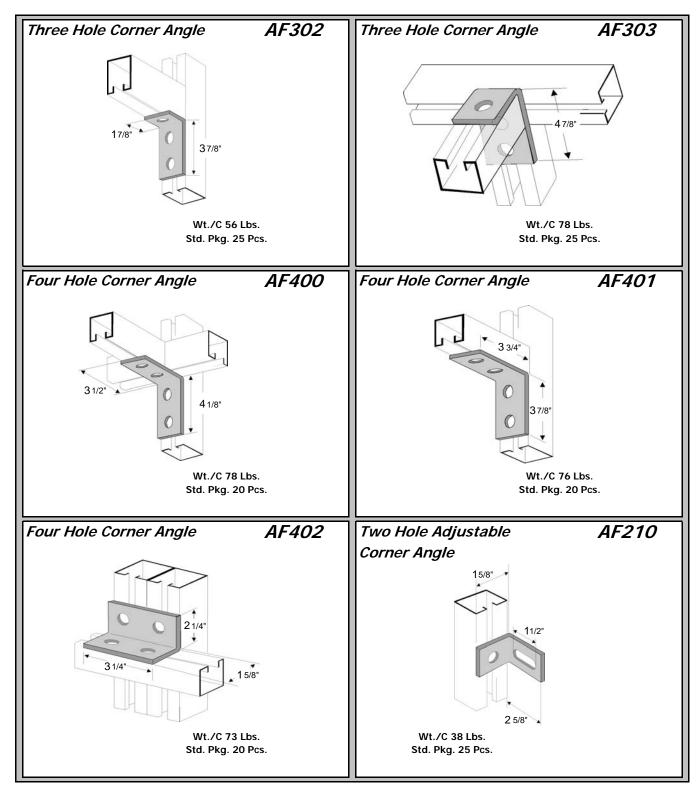
STANDARD FINISHES: Zinc Plated





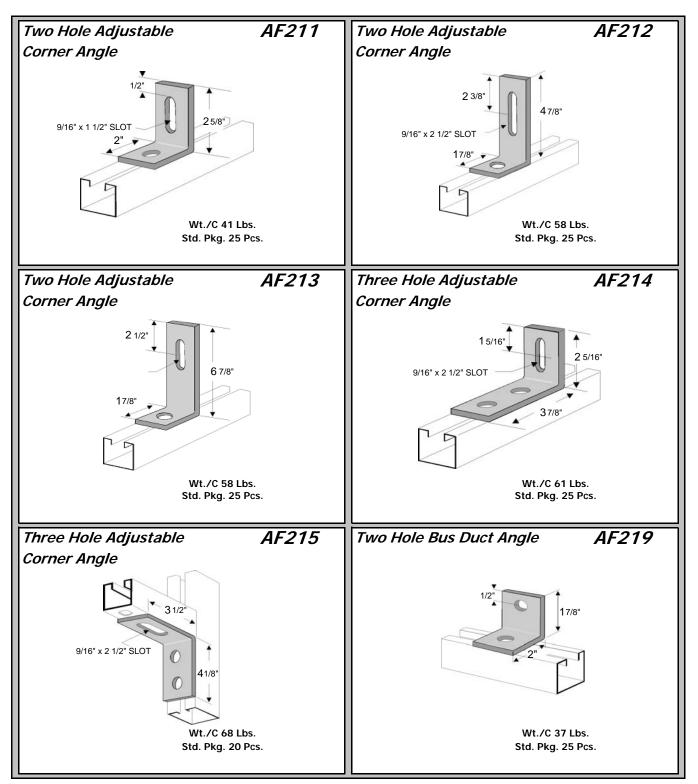
STANDARD FINISHES: Zinc Plating





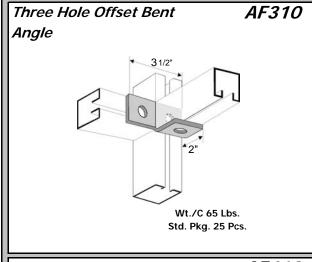
STANDARD FINISHES: Zinc plated

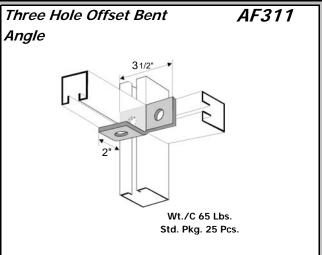


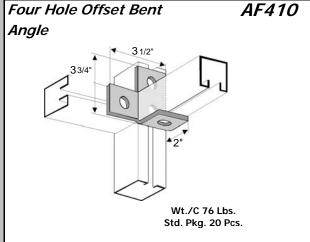


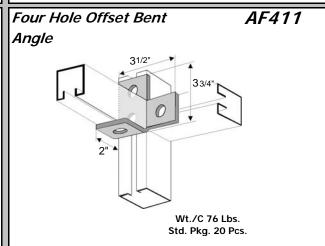
STANDARD FINISHES: Zinc Plating

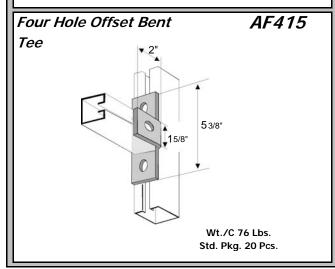


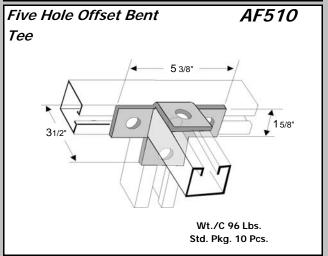






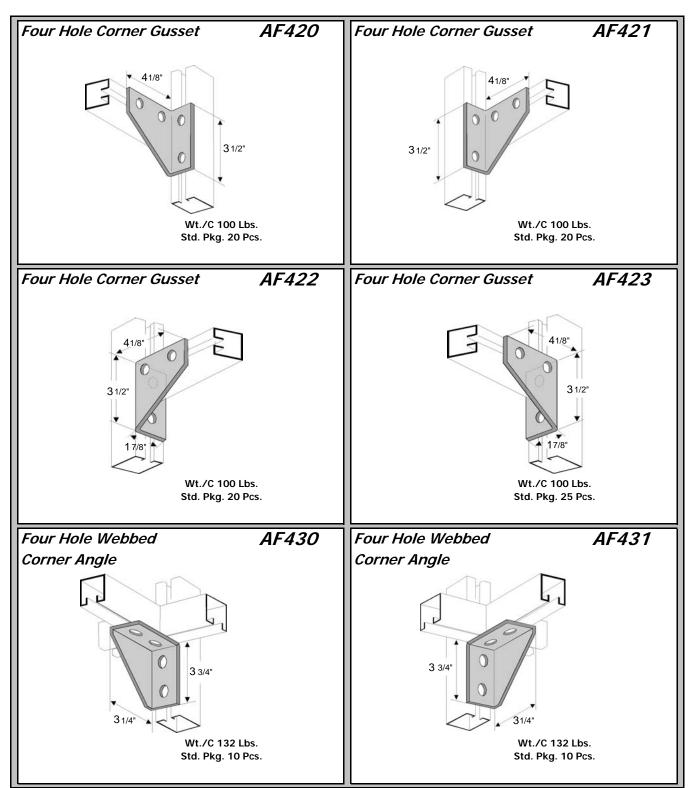






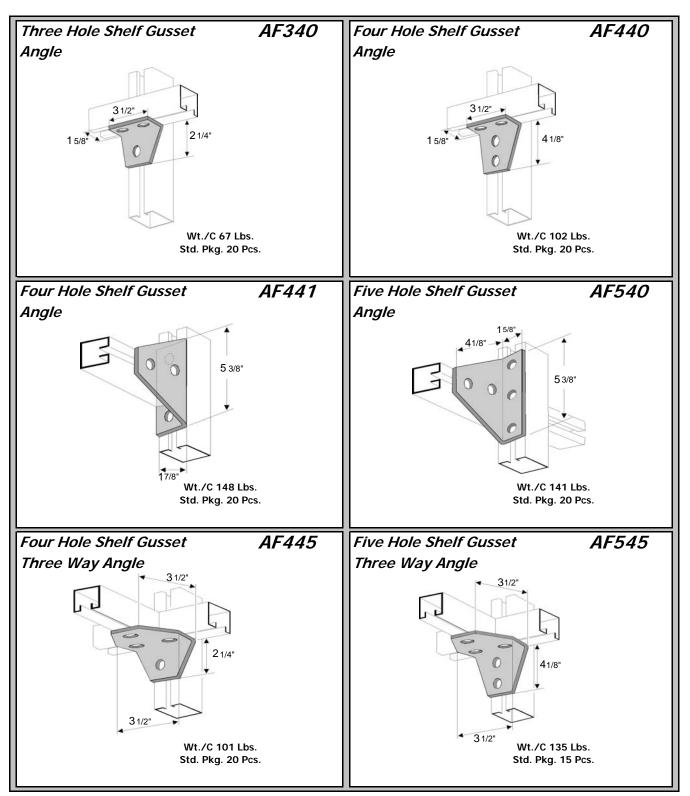
STANDARD FINISHES: Zinc Plating





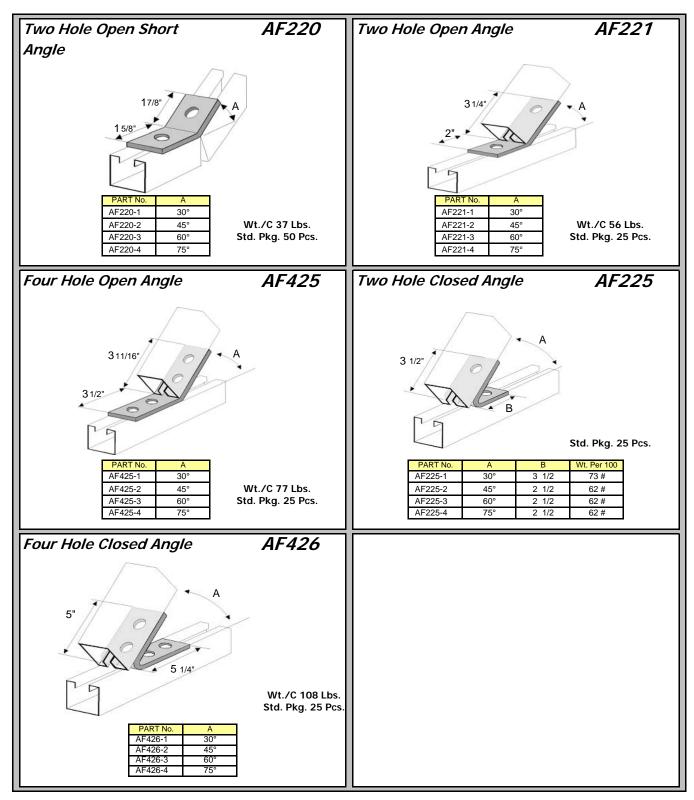
STANDARD FINISHES: Zinc Plating





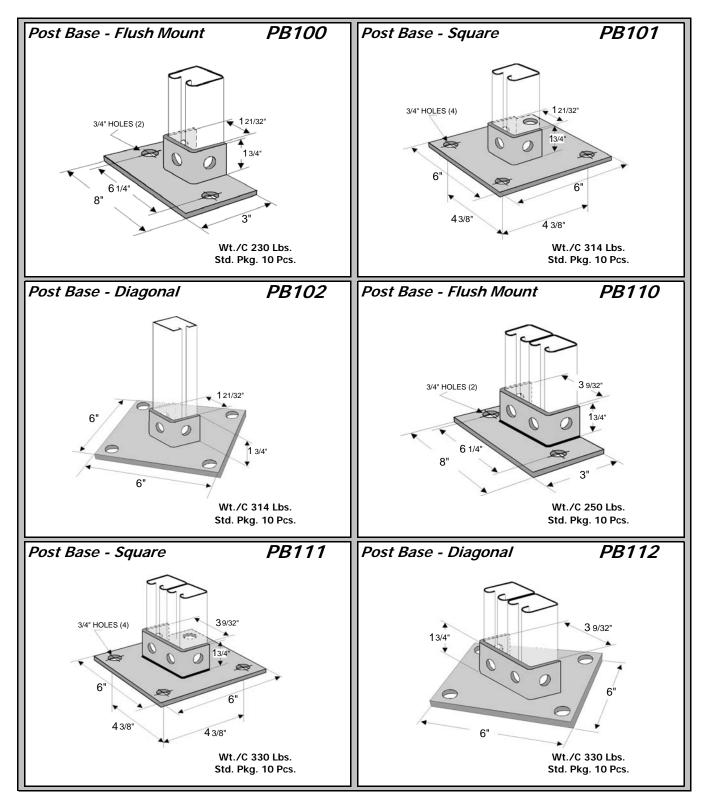
STANDARD FINISHES: Zinc Plating





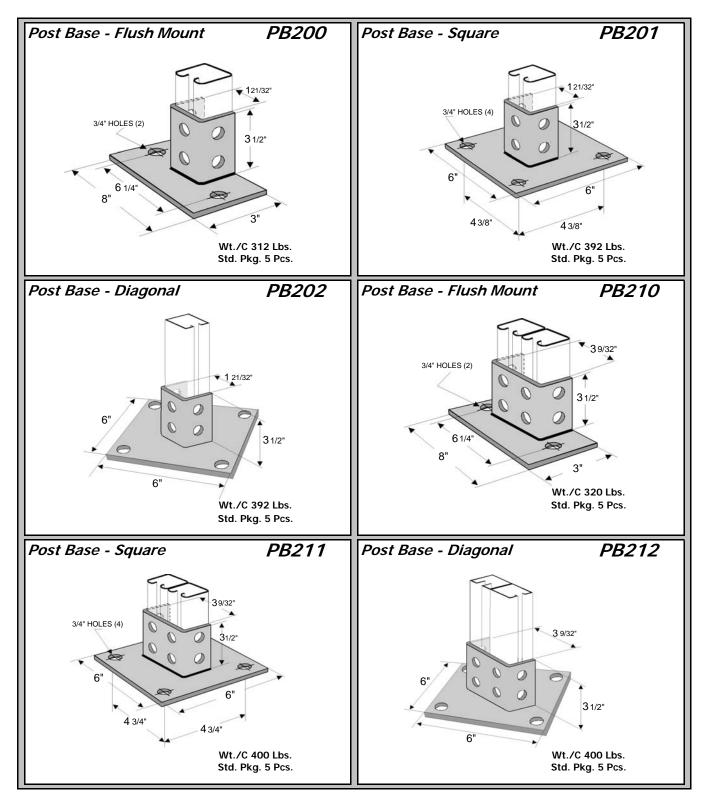
STANDARD FINISHES: Zinc Plating





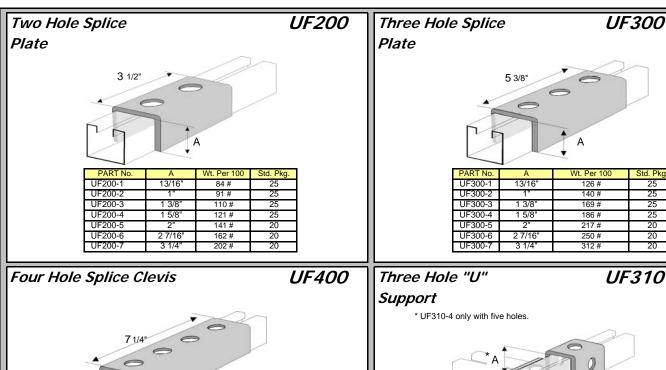
STANDARD FINISHES: Zinc Plated

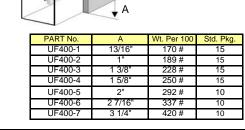


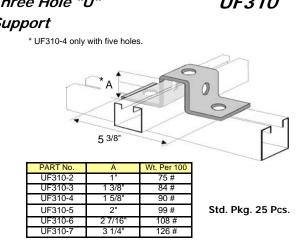


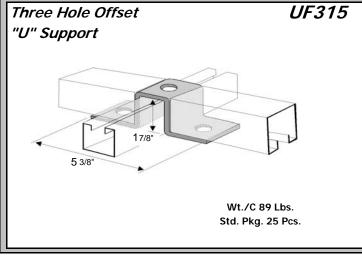
STANDARD FINISHES: Zinc Plating

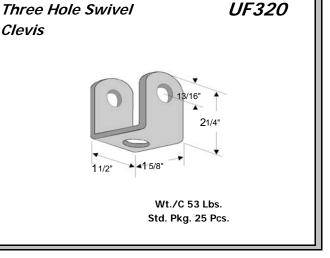
# TAYLORSTRUT









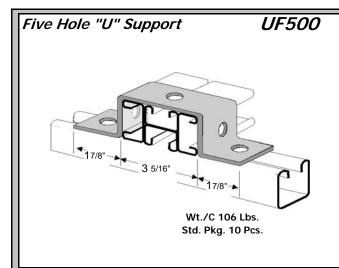


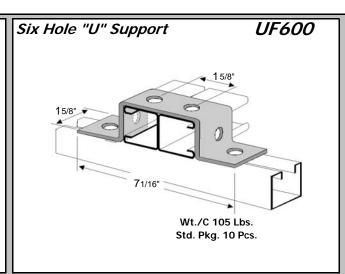
FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center.

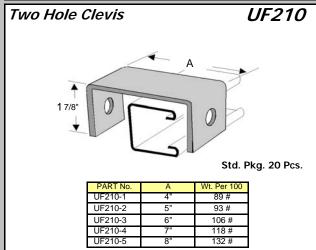
Width-1 1/2"; Thickness 1/4"

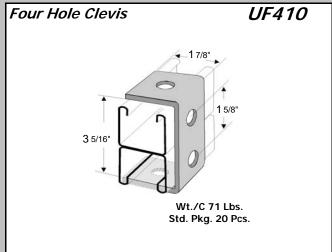
STANDARD FINISHES: Zinc Plated

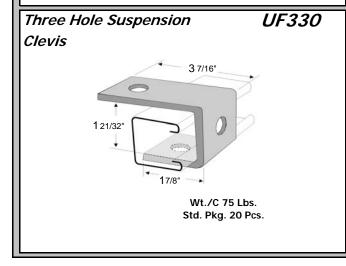


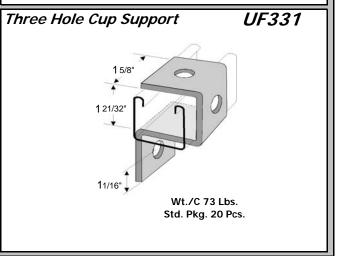








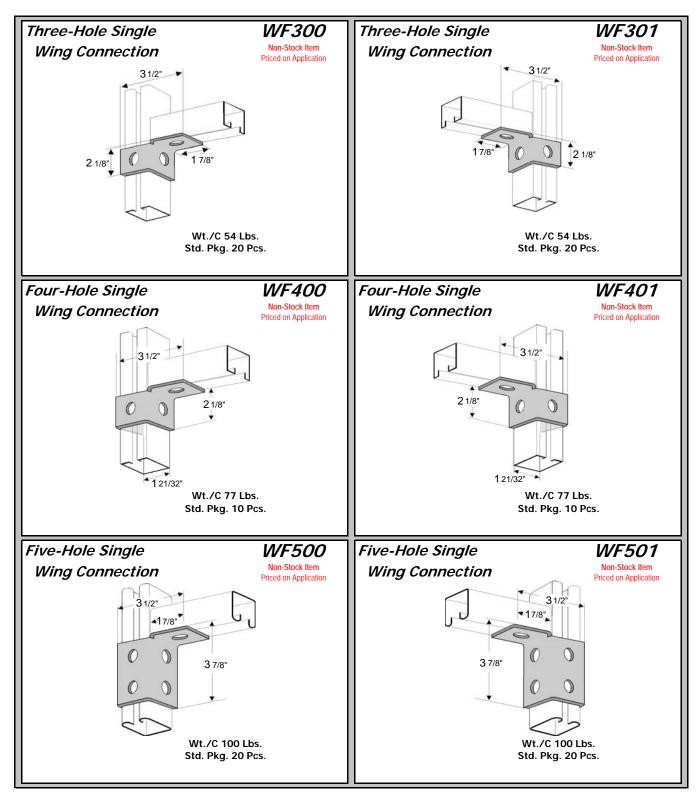




STANDARD FINISHES: Zinc plated

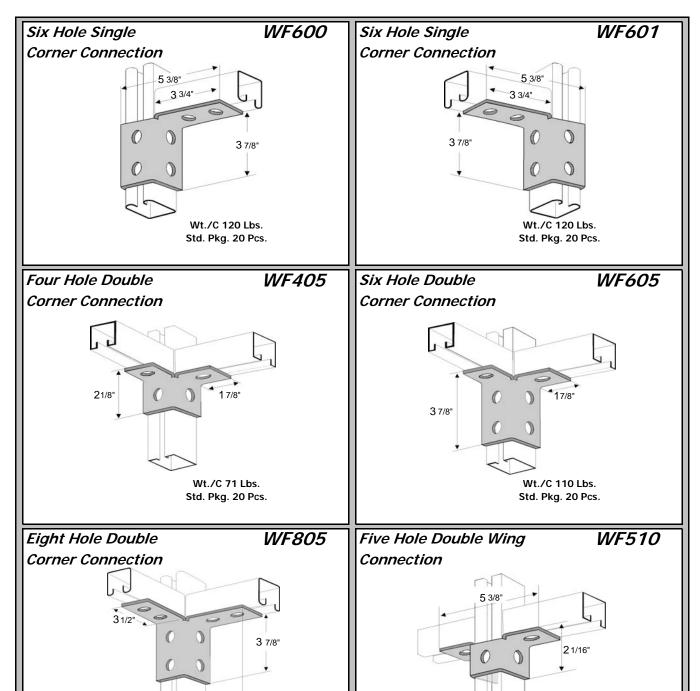
ALSO AVAILABLE IN: HDG, STAINLESS STEEL and ALUMINUM





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





STANDARD FINISHES: Zinc Plated

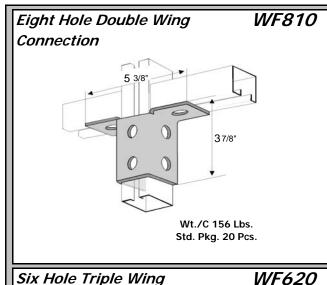
Wt./C 152 Lbs. Std. Pkg. 10 Pcs.

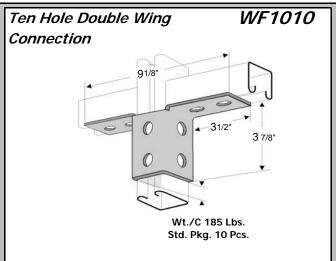
ALSO AVAILABLE IN: HDG and STAINLESS STEEL

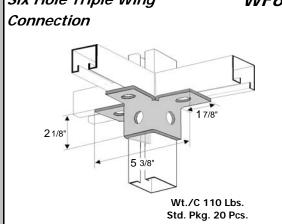
Wt./C 95 Lbs.

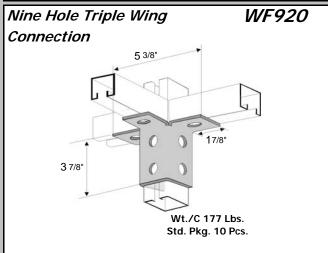
Std. Pkg. 10 Pcs.

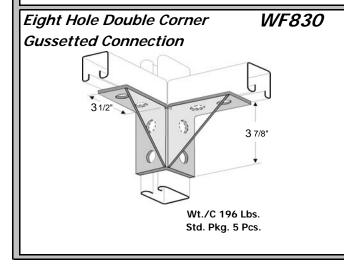


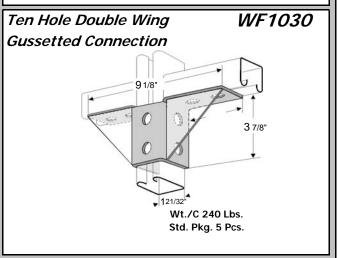






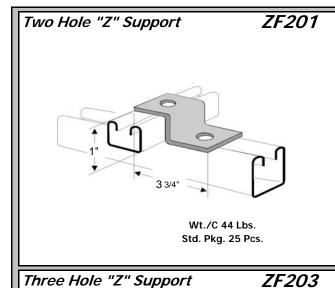


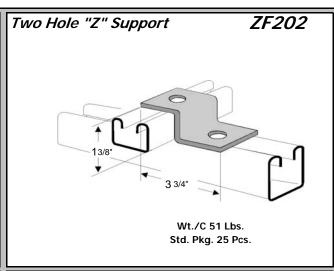


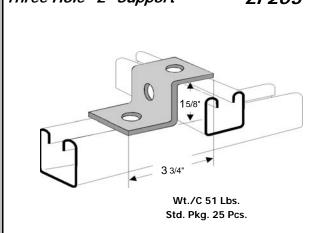


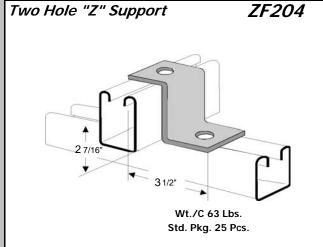
STANDARD FINISHES: Zinc Plated

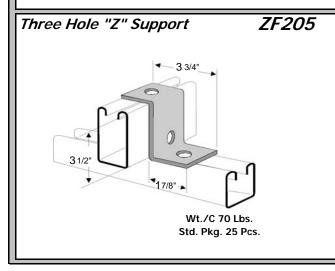


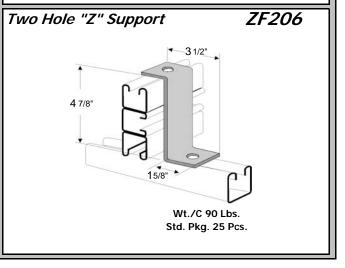






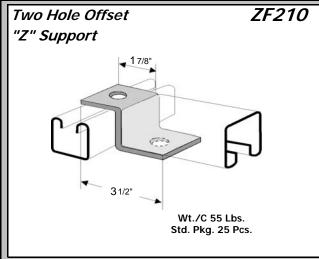


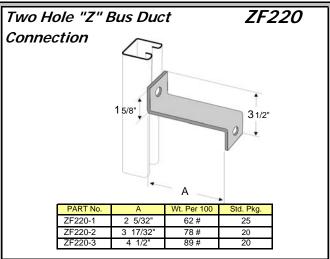


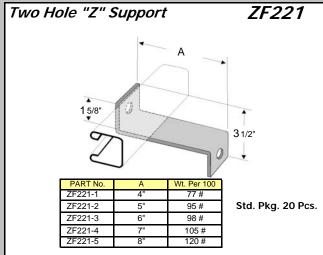


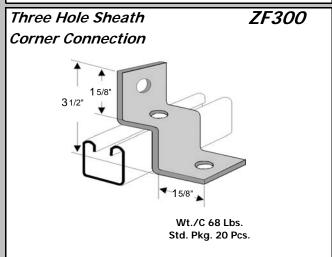
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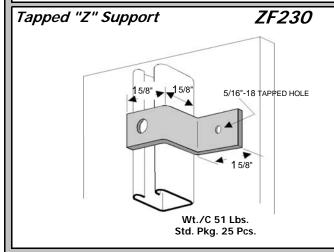


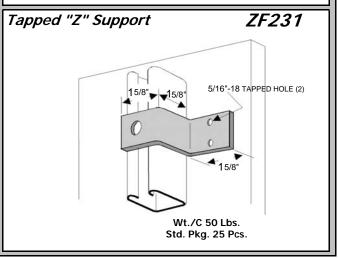






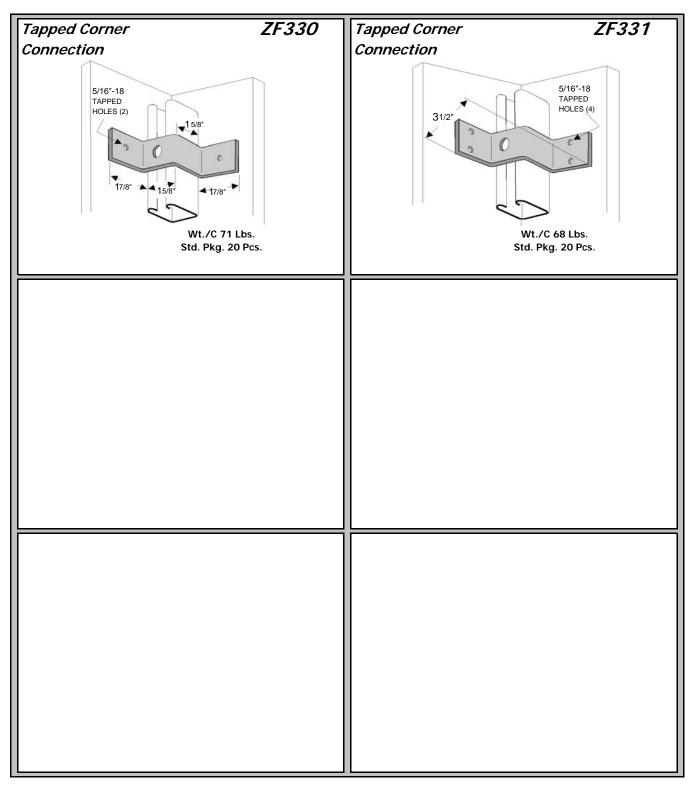






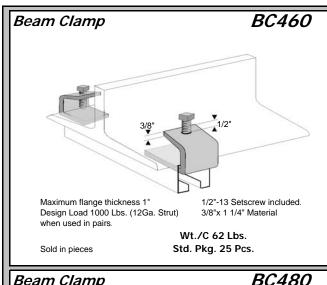
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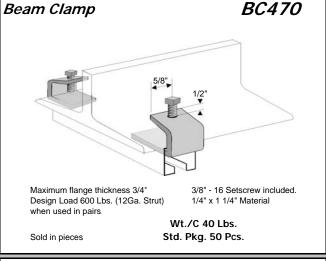


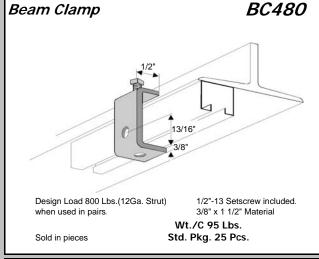


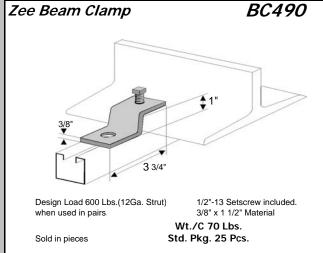
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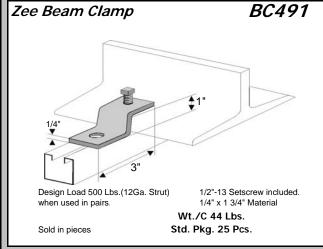


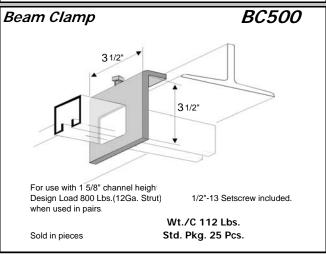






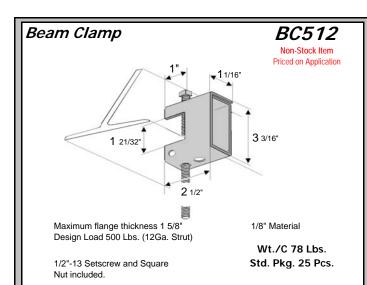


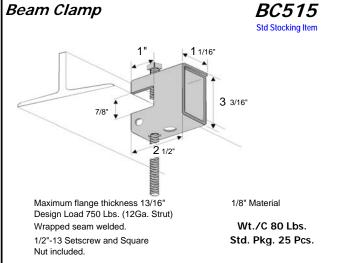


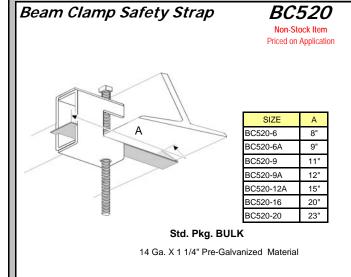


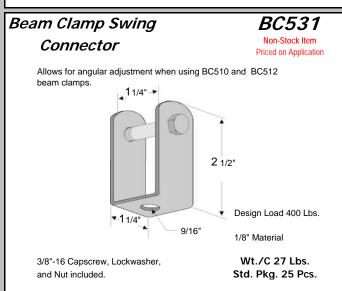
STANDARD FINISHES: Zinc Plated

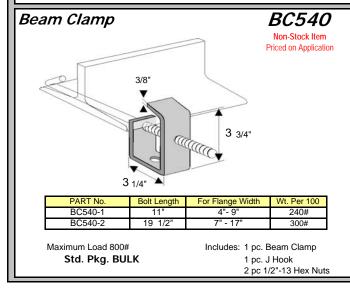


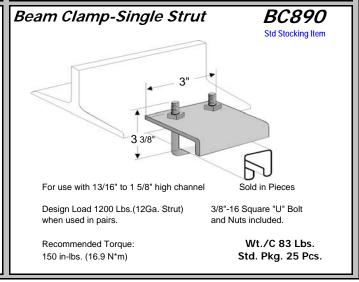




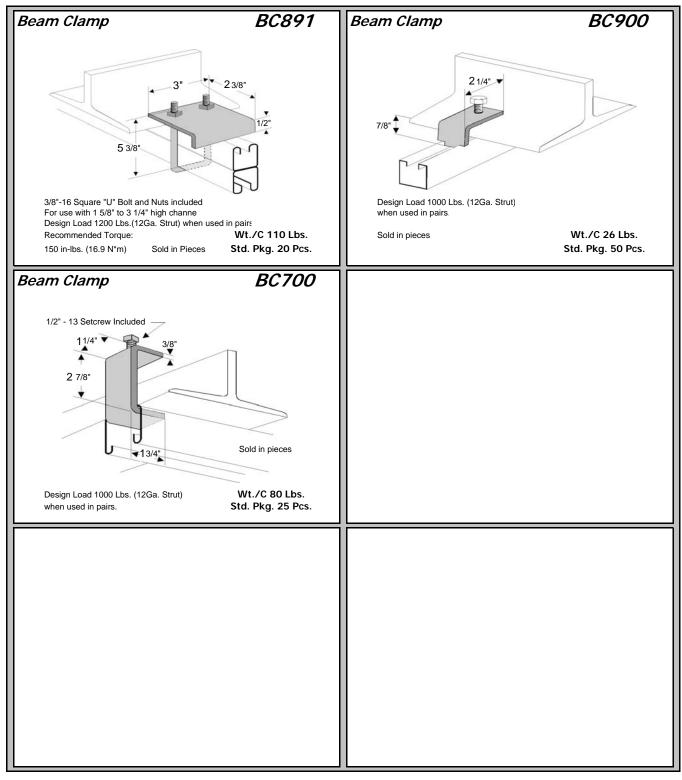








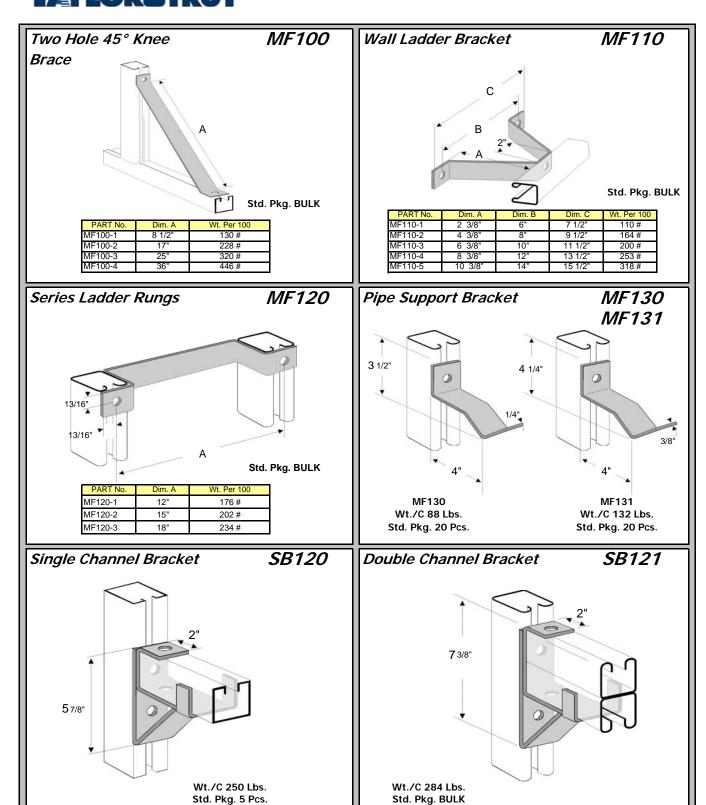




STANDARD FINISHES: Zinc Plated

# **TAYLORSTRUT**

### **MISCELLANEOUS FITTINGS**

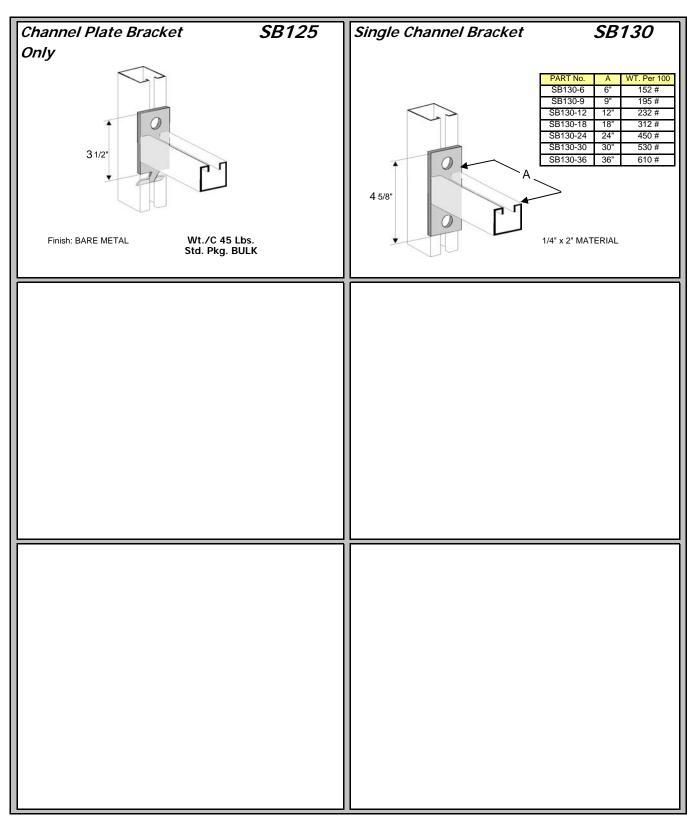


FITTING SPECIFICATIONS (unless noted): Hole Size-9/16" Diameter; Hole Spacing-13/16" from end and 1 7/8" on center. Width-1 5/8"; Thickness 1/4"

STANDARD FINISHES: Zinc Plating



# MISCELLANEOUS FITTINGS



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STANDARD FINISHES: Zinc Plating