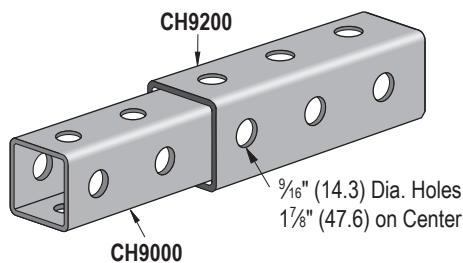
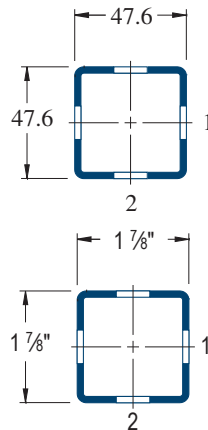
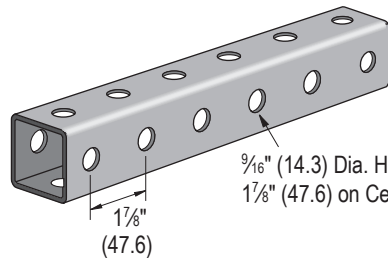
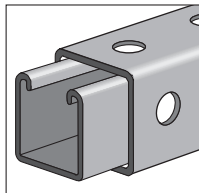


CH9200

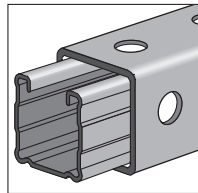
1-7/8" x 1-7/8" - 12 Gauge
Wt/100 Ft: 223 Lbs



CH1000 Series



CH1100 Series



Telescoping strut can be combined with metal framing channel

Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH9200	24	2,490	0.05	2,490	2,490	2,490
	36	1,660	0.12	1,660	1,660	1,350
	48	1,250	0.22	1,250	1,140	760
	60	1,000	0.34	980	730	490
	72	830	0.49	680	510	340
	84	710	0.67	500	370	250
	96	620	0.87	380	290	190
	108	550	1.10	300	230	150
	120	500	1.37	240	180	120
	144	420	1.98	170	130	80
	168	360	2.70	120	90	60
	192	310	3.47	100	70	50
	216	280	4.47	80	60	NR
	240	250	5.47	60	50	NR

Column Loading

Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH9200	241	4,620	11,120	10,980	10,740	10,460
	36	4,530	10,770	10,460	9,950	9,370
	48	4,390	10,300	9,760	8,940	8,030
	60	4,220	9,720	8,940	7,800	6,590
	72	4,000	9,050	8,030	6,590	5,180
	84	3,750	8,320	7,080	5,410	3,890
	96	3,460	7,560	6,110	4,290	2,980
	108	3,140	6,770	5,180	3,390	2,360
	120	2,790	5,990	4,290	2,750	1,910
	144	2,170	4,510	2,980	1,910	**
	168	1,720	3,320	2,190	**	**

Elements of Section

Channel No.	Area of Section in ²	Axis 1-1			Axis 2-2		
		I in ⁴	s in ³	r in	I in ⁴	s in ³	r in
CH9200	0.489	0.279	0.297	0.755	0.279	0.297	0.755

Notes:

** KL/r > 200

NR = Not Recommended.

Materials & Finishes: PG

Lengths: 10' & 20'

Channel Material & Finish Specifications			
Desc.	Code	ASTM Designation	ASTM Description
Channel:	Use Finish Code	ASTM A1011 SS GR 33.	UBS channels are accurately and carefully cold formed to size from low-carbon strip steel.
Pre-Galvanized	PG	Components are cold-rolled from pre-galvanized sheet steel manufactured to the specification of ASTM A653 Grade 33 or ASTM A653 SS Grade 50. The pre-galvanized zinc coating to G-90 thickness, 0.75 MIL or 0.45 oz./sq. ft. of surface area.	

PROJECT INFORMATION:		APPROVAL STAMP:
Project:		
Date:	Phone:	
Architect / Engineer:		
Contractor:		
Address:		
Notes 1:		