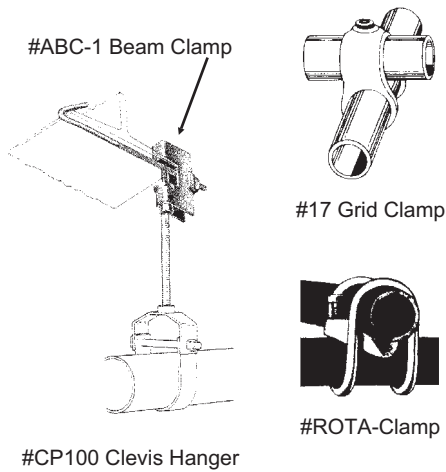


**LIGHT GRIDS:**

Are usually constructed as two layers of pipe, crossing each other at right angles and sometimes as a single layer of cut pipes joined together with fittings. Shown below are a variety of parts used to construct light grids quickly and economically without the need for threading or welding of pipe.



**ABOUT PIPE SIZES:**

Steel pipe for light grids should be specified as "schedule 40 black finish steel pipe" and the nominal size (inside diameter). Aluminum pipe and EMT electrical conduit are not usually used because the locking set bolt of lighting clamps can easily cut thru or dent the pipe wall. The most popular size of pipe for light grids in TV and theatre usage is 1-1/2" size pipe. (Never use 2" size pipe! It is 2.375" OD and most light clamps will not fit!)

Nominal Size	Outside Dia.	Inside Dia.	Weight / ft.
1-1/2" pipe	1.900"	1.610"	2.72 lbs.
1-1/4" pipe	1.660"	1.380"	2.27 lbs.

**GRID CLAMP:**

The simplest and most economical fitting for coupling grid pipes together we have found. Formed of galvanized malleable iron, this grid clamp has only two parts (counting the set screw). Install by pushing down over one pipe; then passing the second pipe thru the holes; and finish by tightening the set screw using an Allen wrench. Available in several sizes to fit standard pipes.

- #17-8 Clamp to fit 1-1/2" ID pipe. .... \$ 24.55
- #17-7 Clamp to fit 1-1/4" ID pipe. .... \$ 22.50

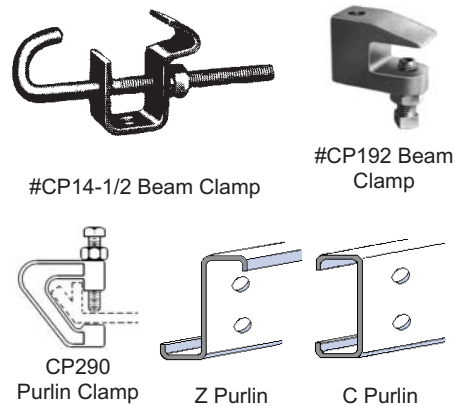
**ROTA-LOCK CLAMP:**

Very strong clamp for coupling two pipes at right angles to each other. Has a stronger grip than #17 grid clamp above. Excellent for dropping a pipe down from a light grid to create a new lighting position. Also used to make lighting trees.

- #ROTA-1.50" Clamp to fit 1-1/2" ID pipe. .... \$ 34.00
- #ROTA-1.25" Clamp to fit 1-1/4" ID pipe. .... \$ 34.00

**BEAM CLAMPS:**

Used to support light grids or track from the flange of I-beams, C-channels, bar joists. Use with 3/8" threaded rod. #ABC clamps are rated at 300 lbs when using 3/8" threaded rod, and 150 lbs if using included 3/8" eyebolt (not shown) with cable or chain.



- #ABC-1 Adjustable to fit 2.5" to 6" wide I-beam flange. 300 lb. capacity... \$ 27.16
- #ABC-2 Adjustable to fit 5.5" to 9" wide I-beam flange. 300 lb. capacity... \$ 34.34
- #ABC-3 Adjustable to fit 10" to 16" wide I-beam flange. 300 lb. capacity.. \$ 36.59
- #CP14-1/2 Heavy duty, fits 3.5" to 8" wide I-beam flange. 700 lb. cap., mill finish steel. Additional sizes with heavier capacity are available..... \$ 14.00
- #CP192-3/8" Clamp fits edge of flange (max. 1/2" thick). 400 lb. capacity..... \$ 2.25
- #CP192-3/8W Clamp fits edge of flange (max. 1" thick). 400 lb. capacity..... \$ POR
- #CP290 Purlin clamp fits over flange edge of "C" or "Z" shaped rolled steel purlin joists. For 3/8" rod. Rated at 400 lbs..... \$ 9.95

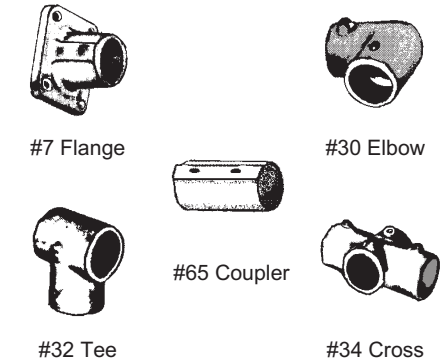
**CLEVIS HANGER:**

Used to support light grid pipes from 3/8" threaded rod. Plated steel finish.

- #CP100-1.50" Hanger to fit 1-1/2" pipe. 500# capacity. .... \$ 2.45
- #CP100-1.25" Hanger to fit 1-1/4" pipe. 500# capacity. .... \$ 2.25

**ALUMINUM PIPE FITTINGS:**

Durable and light weight cast aluminum pipe fittings join standard pipe without threading or welding. Each fitting has set screws to lock pipe. Not for use with thin tubing or conduit. Fittings for other sizes of pipe, and galvanized steel fittings also available.



Type	1-1/2" Size	Price	1-1/4" Size	Price
Wall Flange	#7-1.50"	\$ 16.10	#7-1.25"	\$ 14.60
Pipe Coupling	#65-1.50"	\$ 14.25	#65-1.25"	\$ 13.59
Elbow, 90 degree	#30-1.50"	\$ 17.68	#30-1.25"	\$ 14.90
Tee	#32-1.50"	\$ 17.23	#32-1.25"	\$ 14.97
Cross	#34-1.50"	\$ 19.02	#34-1.25"	\$ 15.70

**SCAFFOLDING PIPE COUPLER - "Cheese Burrow":**

Iron scaffolding clamp joins two pipes. Fits both 1-1/2" or 1-1/4" pipe size. Excellent to quickly insert a new pipe in an existing light grid. Available as a swivel fitting or as a fixed 90° fitting. Also known as "Cheese Burrow" clamp. Imported with black finish (not galv. as shown).

- #CB106 Swivel coupler, for any angle ..... \$ 33.70
- #CB105 Non-swivel right angle coupler. .... \$ 30.45

