



**SOLAR PIPE RACK
COMPONENTS**
UL2703 CERTIFIED

Hollaender® Manufacturing is the largest U.S. manufacturer of structural slip-on fittings and the market leader in providing these fittings for solar pipe racks. Our fittings are available in 1-1/4", 1-1/2", and 2" IPS and are used in both ground mount and roof mount applications.

These aluminum-magnesium alloy fittings are as strong as steel, but 1/3 the weight, and can be used with galvanized steel with no concern for galvanic or dissimilar metal corrosion.

To support this Hollaender offers a 10 year structural and corrosion resistance warranty on our fittings (fasteners are standard 1 year).

FEATURES:

- **Proprietary set screw** – design includes internal/external knurled cup point that allows penetration into the pipe surface and prevents loosening as long as torqued to specification.
- **Made in the USA** – 100% US content.
- **Fast turnaround time** from Hollaender or our network of regional and national distributors.
- **Simple installation** – no through bolts, only a hex head set screw that can be tightened with a pneumatic tool or hex key.

Structural Strength: Below are hold back capacities when attached to galvanized steel pipe, A53.

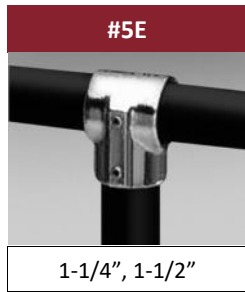
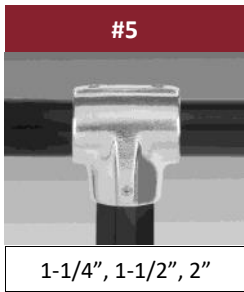
Pullout Capacity of Fitting Set Screws When Properly Torqued

Std. IPS Size Steel Pipe, A53 Schedule 40

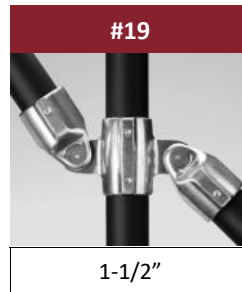
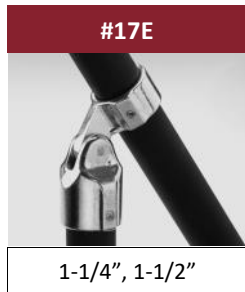
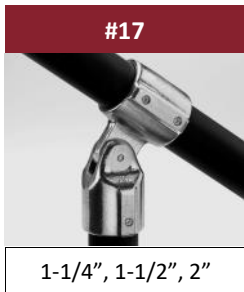
Fitting Size	Torque Ft. Lbs.^	No. Set Screws	Set Screw Orientation	Typical Fitting	Capacity
3" IPS	20	2	IN LINE	45CE-11	1,600
2" IPS	17	1		17-9 Bracing Fitting, 5-9 Tee	1,360
	17	2	IN LINE	47-9, 45CE-9 Base Flanges, 17X-9 Bracing Fitting	1,705
	17	2	AT 90 DEGREES	5X-9 Tee	2,080
1-1/2" IPS	17	1		5E-8 Tee, 17-8 Bracing Fitting	1,315
	17	2	IN LINE	45-8, 46-8, 47-8 Base Flanges	1,505
	17	2	AT 90 DEGREES	5EXT-8, 5EX-8 Tee	2,080
1-1/4" IPS	17	1		5E-7 Tee, 17-7 Bracing Fitting	1,265
	17	2	IN LINE	45-7, 46-7, 47-7 Base Flanges	1,500

COMMON FITTINGS

Tees:



Cross Bracing Fittings:



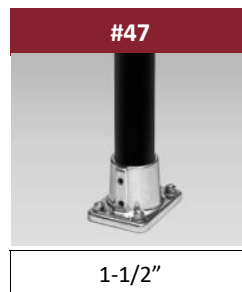
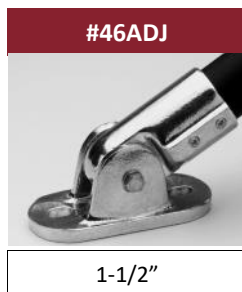
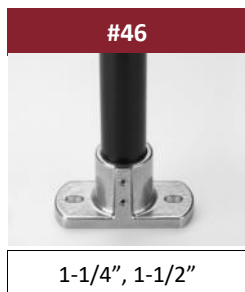
Plugs:



*fitting has extra set screw



Mounting Flanges:



Top Mount:



Side Mount:



Full product line and part drawings are available at www.hollaender.com