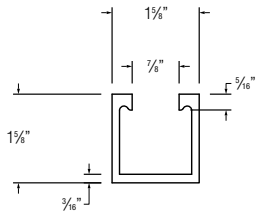


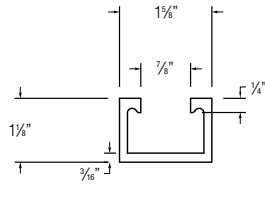
Estimated Number of Joints Per Kit <i>(estimated only, as it varies depending on the amount of adhesive applied per application)</i>					
¾"	40 Joints	1½"	25 Joints	3"	15 Joints
1"	35 Joints	2"	20 Joints	3½"	13 Joints
1¼"	30 Joints	2½"	18 Joints	4"	10 Joints

Champion Fiberglass, Inc. offers a complete support system for installations of above ground conduit. The Haz Duct, pipe clamps etc. are manufactured in house and made from high quality fiberglass. **Please note that for standard support systems, only IPS type of fiberglass conduit can be used (If ID/Tubular type of conduit is used, Please consult factory prior to installation).**

SINGLE STRUT

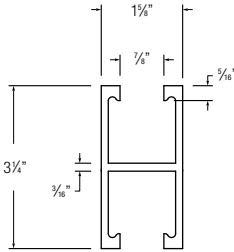


CS-S-15-10-P/V*

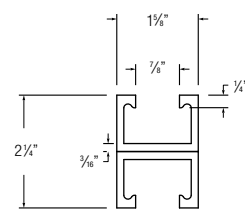


CS-S-11-10-P/V*

DOUBLE "BACK TO BACK" STRUT



CS-S-15D-10-P/V*



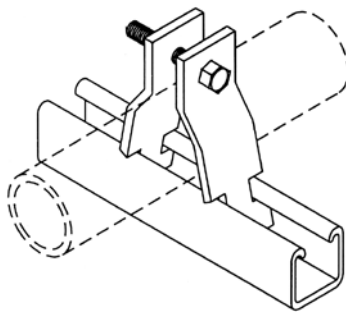
CS-S-11D-10-P/V*

* Use P for polyester resin and V for vinyl ester resin.

* Use P for polyester resin and V for vinyl ester resin.

"NON-METALLIC" UNIVERSAL PIPE CLAMPS

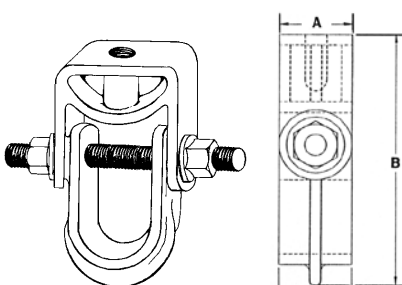
Champion Fiberglass rigid pipe clamps are IPS sized therefore can be used with all IPS sized conduit (PVC, galvanized rigid metal conduit and Champion Duct). They are constructed from a special grade of glass reinforced vinyl ester resin and supplied with non-metallic bolts and hex nuts. Follow the chart recommendations below to choose the proper sized fiberglass rigid pipe clamp for your Champion XW Haz Duct application.



XW Conduit Size	O.D. of XW Conduit	Champion Fiberglass Rigid Pipe Clamp Part No.
¾ XW	1.410 (36)	CS-PC-1-V
1 XW	1.675 (42)	CS-PC-1.25-V
1¼ XW	2.020 (51)	CS-PC-1.5-V
1½ XW	2.260 (57)	CS-PC-2-V
2 XW	2.500 (64)	CS-PC-2-V
2½ XW	3.000 (76)	CS-PC-2.5-V
3 XW	3.500 (89)	CS-PC-3-V
3½ XW	4.000 (102)	CS-PC-3.5-V
4 XW	4.500 (114)	CS-PC-4-V

FIBERGLASS CLEVIS HANGERS

Design loads have a 3:1 safety factor at 120°F. Insulation may be required at higher temperatures.



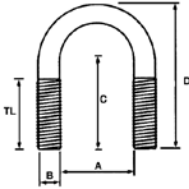
Part No.	Nominal Diameter in	Max Pipe OD in (mm)	Hanger Rod in (mm)	Maximum Load in (mm)	A in (mm)	B in (mm)	C in (mm)
CS-CH-3/4	¾	1 (25)	½ (13)	200 (90)	2.53 (64)	4.52 (115)	1.25 (32)
CS-CH-1	1	1½ (38)	½ (13)	200 (90)	2.53 (64)	4.52 (115)	1.25 (32)
CS-CH-1.25	1¼	1¾ (44)	½ (13)	200 (90)	3.06 (78)	5.14 (131)	1.25 (32)
CS-CH-1.5	1½	2 (51)	½ (13)	200 (90)	3.06 (78)	5.14 (131)	1.25 (32)
CS-CH-2	2	2¾ (67)	½ (13)	300 (135)	3.68 (93)	6.52 (166)	1.25 (32)
CS-CH-2.5	2½	3¼ (83)	¾ (16)	400 (180)	3.68 (93)	6.52 (166)	1.25 (32)
CS-CH-3	3	3¾ (98)	¾ (16)	600 (270)	7.04 (179)	10.00 (254)	1.50 (38)
CS-CH-4	4	5 (130)	¾ (16)	600 (270)	7.04 (179)	10.00 (254)	1.50 (38)
CS-CH-6	6	7 (181)	¾ (16)	600 (270)	9.36 (238)	12.33 (313)	2.04 (52)



CHAMPION THREAD® Fasteners and Hanging Systems are specially developed to give optimum strength and chemical corrosion resistance. The systems are excellent for all structural, mechanical and electrical applications where components must be corrosion resistant. All nuts are hex type and standard tools can be used for easy assembly.

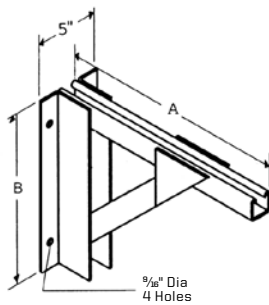
NON-METALLIC U-BOLT

U-Bolts are made from a fiberglass reinforced urethane material and are recommended for temperatures ranging from -40°F to +150°F. 2 FRP nuts included with each U-Bolt.



Part No.	Pipe Nom Dia	Dimensions					Load Ratings	
		A in (mm)	B in (mm)	C in (mm)	D in (mm)	TL in (mm)	Max Rec Load lbs (kg)	Max Rec Torque ft lbs (kgm)
OS-UB-050	½	0.93 (24)	0.375 (10)	1.56 (40)	2.41 (61)	1.25 (32)	75 (34)	20 (2.8)
OS-UB-075	¾	1.12 (28)	0.375 (10)	1.66 (42)	2.60 (66)	1.25 (32)	75 (34)	20 (2.8)
OS-UB-100	1	1.37 (35)	0.375 (10)	1.78 (45)	2.85 (72)	1.25 (32)	75 (34)	20 (2.8)
OS-UB-125	1¼	1.68 (43)	0.375 (10)	1.94 (49)	3.16 (80)	1.25 (32)	75 (34)	20 (2.8)
OS-UB-150	1½	2.00 (51)	0.375 (10)	2.10 (53)	3.47 (88)	1.25 (32)	75 (34)	20 (2.8)
OS-UB-200	2	2.43 (62)	0.500 (13)	2.46 (62)	4.18 (106)	1.50 (38)	150 (68)	40 (5.5)
OS-UB-250	2½	2.93 (74)	0.500 (13)	2.71 (69)	4.68 (119)	1.50 (38)	150 (68)	40 (5.5)
OS-UB-300	3	3.56 (90)	0.500 (13)	3.03 (77)	5.31 (135)	1.50 (38)	150 (68)	40 (5.5)
OS-UB-350	3½	4.06 (103)	0.500 (13)	3.28 (83)	5.81 (148)	1.50 (38)	150 (68)	40 (5.5)
OS-UB-400	4	4.56 (116)	0.500 (13)	3.53 (90)	6.31 (160)	1.50 (38)	150 (68)	40 (5.5)

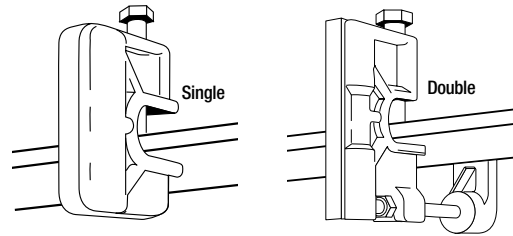
SUPPORT RACKS



Part No.	Tray Width	Dimensions	
		A	B
OS-SR-06	6 (152)	10 (254)	10 (254)
OS-SR-09	9 (229)	13 (330)	12 (305)
OS-SR-12	12 (305)	16 (406)	13 (330)
OS-SR-18	18 (457)	22 (559)	16 (406)
OS-SR-24	24 (610)	28 (711)	19 (483)
OS-SR-30	30 (762)	34 (864)	22 (559)
OS-SR-36	36 (914)	40 (1016)	25 (635)

Allowable load = 750 lbs.- based on total load, uniformly distributed over the width of the rack. Safety factor = 2

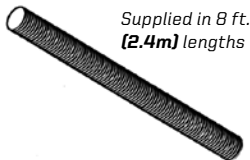
BEAM CLAMPS



Part No.	Vinyl Ester Beam Clamps	
OS-BC-3/8	Single for ¾	FRP Threaded Rod
OS-BC-1/2	Single for ½	FRP Threaded Rod
OS-DC-3/8	Double for ¾	FRP Threaded Rod
OS-DC-1/2	Double for ½	FRP Threaded Rod

Allowable load = 300 lbs. Recommended safety factor of 3. Set screws included with clamps.

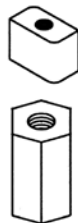
FRP THREADED RODS



Supplied in 8 ft. (2.4m) lengths

Part No.	Size
OS-TR-3/8	¾ - 16 UNC
OS-TR-1/2	½ - 13 UNC
OS-TR-5/8	¾ - 11 UNC
OS-TR-3/4	¾ - 10 UNC
OS-TR-1	1 - 8 UNC

FRP CHANNEL NUTS & ROD COUPLERS



Part No.	Size
OS-CN- 3/8-V	¾ - 16 UNC
OS-CN- 1/2-V	½ - 13 UNC

Part No.	Size
OS-TR-3/8	¾ - 16 UNC
OS-TR-1/2	½ - 13 UNC
OS-TR-5/8	¾ - 11 UNC
OS-TR-3/4	¾ - 10 UNC
OS-TR-1	1 - 8 UNC

FRP HEX NUTS & WASHERS



Part No.	Size
OS-TR-3/8	¾ - 16 UNC
OS-TR-1/2	½ - 13 UNC
OS-TR-5/8	¾ - 11 UNC
OS-TR-3/4	¾ - 10 UNC
OS-TR-1	1 - 8 UNC

Part No.	Size
OS-TR-3/8	¾ - 16 UNC
OS-TR-1/2	½ - 13 UNC
OS-TR-5/8	¾ - 11 UNC
OS-TR-3/4	¾ - 10 UNC
OS-TR-1	1 - 8 UNC