

- Fig. 7068P** Cross
- Fig. 7069P** 45° Lateral
- Fig. 7071P** 90° True Wye

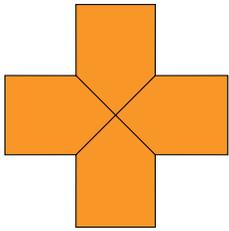


Fig. 7068P

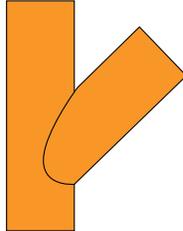


Fig. 7069P

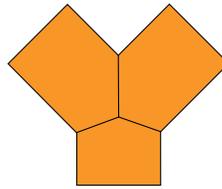


Fig. 7071P

Gruvlok plain-end fittings are manufactured to provide minimum pressure drop and uniform flow. Fittings are designed for use with the Fig. 7005 Roughneck Couplings only.

Gruvlok plain-end fittings are available in sizes through 8" nominal pipe size in a variety of styles. Depending on size and configuration, fittings are either segment-welded steel or forged steel.

Fittings are normally coated with a rust inhibiting paint. Other coatings including Hot Dipped Zinc Galvanizing, are available.

## Material Specifications

### Segment Welded Steel Fittings

Sizes 2" - 4" Carbon Steel pipe conforming to ASTM A 53, Type "F";  
 Sizes 5" - 8"; Carbon Steel pipe conforming to ASTM A 53, Type "E" or "S", Grade "B".

### Steel Fittings

Forged Steel conforming to ASTM A 106.

### Adapter Flanges

Class 150 - Carbon Steel conforming to ANSI B16.5  
 Class 300 - Carbon Steel conforming to ANSI B16.5

Fitting Size	
Nominal Size	O.D.
In./DN(mm)	In./mm
2	2.375
50	60.3
2½	2.875
65	73.0
3	3.500
80	88.9
3½	4.000
90	101.6
4	4.500
100	114.3
5	5.563
140	141.3
6	6.625
150	168.3
8	8.625
200	219.1

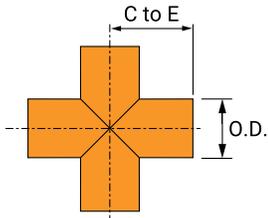
### Note:

The Fitting Size Chart is used to determine the O.D. of the pipe that the fittings is to be used with. Gruvlok Fittings are identified by either the Nominal size in inches or the Pipe O.D. In./mm.



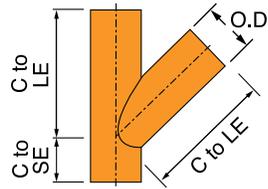
PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

**Fig. 7068P**  
Cross



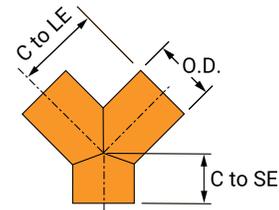
Nominal Size	O.D.	Center to End	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	Lbs./kg
2	2.375	4¼	4.4
50	60.3	108	2.0
2½	2.875	4¾	7.8
65	73.0	121	3.5
3	3.500	5½	10.7
80	88.9	130	4.9
4	4.500	5¾	17.0
100	114.3	149	7.7
5	5.563	6¾	26.7
125	141.3	175	12.1
6	6.625	7¾	37.7
150	168.3	194	17.1
8	8.625	10	74.6
200	219.1	254	33.8

**Fig. 7069P**  
45° Lateral



Nominal Size	O.D.	Center to Long End	Center to Short End	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	In./mm	Lbs./kg
2	2.375	7¼	2¾	5.1
50	60.3	184	70	2.3
2½	2.875	7¾	3	9.5
65	73.0	197	76	4.3
3	3.500	8¾	3¼	12.8
80	88.9	222	83	5.8
4	4.500	10¾	3¾	22.2
100	114.3	273	95	10.1
5	5.563	12¾	4	38.0
125	141.3	324	102	17.2
6	6.625	14	4½	54.0
150	168.3	356	114	24.5
8	8.625	18	6	92.0
200	219.1	457	152	41.7

**Fig. 7071P**  
90° True Wye



Nominal Size	O.D.	Center to Long End	Center to Short End	Approx. Wt. Ea.
In./DN(mm)	In./mm	In./mm	In./mm	Lbs./kg
2	2.375	4¼	2¾	3.5
50	60.3	108	70	1.6
2½	2.875	4¾	3	6.2
65	73.0	121	76	2.8
3	3.500	5½	3¼	8.5
80	88.9	130	83	3.9
4	4.500	5¾	3¾	14.0
100	114.3	149	95	6.4
5	5.563	6¾	4	21.6
125	141.3	175	102	9.8
6	6.625	7¾	4½	31.2
150	168.3	194	114	14.2
8	8.625	10	6	53.6
200	219.1	254	152	24.3



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