

Schedule 40 Fittings Technical Schedule 40 Fittings Dimensions & Information



Injection Molded Dimension References:

- G** = (LAYING LENGTH) Intersection of center lines to bottom of socket/thread; 90° elbows, tees, crosses; $\pm 1/32$ inch.
- H** = Intersection of center lines to face of fitting; 90° elbows tees, crosses; $\pm 1/32$ inch.
- J** = Intersection of center lines to bottom of socket/thread; 45° elbows; $\pm 1/32$ inch

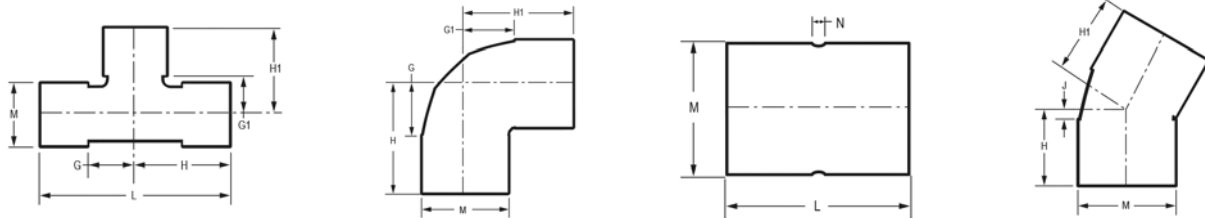
- L** = Overall length of fittings; $\pm 1/16$ inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/16$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/16$ inch.
- W** = Height of cap; $\pm 1/16$ inch.

Fabricated Dimension References:

- G** = (LAYING LENGTH) Intersection of center lines to bottom of socket/thread; 90° elbows, tees, crosses; $\pm 1/4$ inch; 14" & larger $\pm 1/2$ inch.
- H** = Intersection of center lines to face of fitting; 90° elbows $\pm 1/4$ inch, 14" & larger $\pm 3/4$ inch; wyes $\pm 1/2$ inch; tees, crosses $\pm 1/4$ inch; 14" larger $\pm 1/2$ inch.
- J** = Intersection of center lines to bottom of socket/thread; 45° elbows; $\pm 1/4$ inch; 14" & larger $\pm 1/2$ inch.

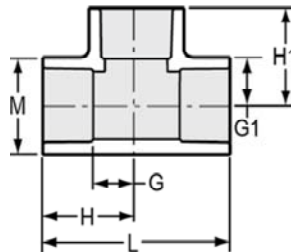
- L** = Overall length of fittings; $\pm 1/2$ inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/4$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/2$ inch.
- W** = Height of cap; $\pm 1/4$ inch.

Typical Fabricated Dimension References



Tee

Socket x Socket x Socket



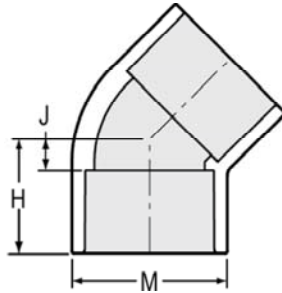
Part Number	Size	G	G1	H	H1	L	M	Approx. Wt. (Lbs.)
401-003	3/8	3/8	3/8	1- 1/8	1- 1/8	2- 1/4	31/32	.03
401-005	1/2	1/2	1/2	1- 1/4	1- 1/4	2- 1/2	1- 3/32	.06
401-007	3/4	9/16	9/16	1- 9/16	1- 9/16	3- 1/8	1- 5/16	.09
401-010	1	11/16	11/16	1- 3/4	1- 3/4	3- 1/2	1- 5/8	.15
401-012	1-1/4	7/8	7/8	2- 1/8	2- 1/8	4- 1/4	2	.25
401-015	1-1/2	1-1/8	1-1/8	2-3/8	2-3/8	4-3/4	2- 1/4	.33
401-020	2	1- 3/8	1- 3/8	2- 3/4	2- 3/4	5- 1/2	2- 3/4	.50
401-025	2-1/2	1-21/32	1-21/32	3-13/32	3-13/32	6-13/16	3-11/32	.96
401-030	3	1-15/16	1-15/16	3-27/32	3-27/32	7-11/16	4	1.44
401-040	4	2-13/32	2-13/32	4- 7/16	4- 7/16	8- 7/8	5- 1/32	2.34
401-050	5	3	3	6	6	12	6- 5/32	4.58
401-060	6	3- 5/8	3- 5/8	6-21/32	6-21/32	13- 5/16	7- 9/32	5.89
401-080	8	4- 1/2	4- 1/2	8-17/32	8-17/32	17- 1/16	9- 3/8	11.57
401-100	10	5-13/16	5-13/16	10-27/32	10-27/32	21-11/16	11-21/32	24.00
401-100F*	10	9- 7/8	9- 3/8	15- 1/8	14- 5/8	30- 1/4	11- 1/2	36.41
401-120	12	6-27/32	6-27/32	12-27/32	12-27/32	25-11/16	13- 3/4	37.29

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45° EII

Socket x Socket

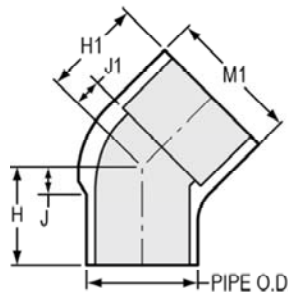


Part Number	Size	H	J	M	Approx. Wt. (Lbs.)
417-005	1/2	1	1/4	1- 3/32	.03
417-007	3/4	1- 3/8	7/16	1- 5/16	.07
417-010	1	1- 1/2	15/32	1-21/32	.11
417-012	1-1/4	1-25/32	17/32	2	.17
417-015	1-1/2	1-29/32	19/32	2- 1/4	.22
417-020	2	2- 1/16	11/16	2- 3/4	.31
417-025	2-1/2	2- 7/16	11/16	3- 3/8	.56
417-030	3	2-27/32	27/32	4	.83
417-040	4	3- 3/32	1- 3/32	5- 1/32	1.26
417-045F*	4-1/2	4- 3/16	1-11/16	5- 7/16	1.67
417-050	5	4- 3/8	1- 3/8	6- 5/32	2.44
417-050F*	5	4-13/16	1-13/16	6-1/16	2.29
417-060	6	4- 3/4	1-23/32	7- 9/32	3.58
417-080	8	6	2	9- 3/8	6.56
417-080F*	8	6-7/8	2-5/8	9-1/4	7.44
417-100	10	7-5/8	2-19/32	12-1/8	18.98
417-100F*	10	8-9/16	3-5/16	11-1/2	10.33
417-120	12	9-19/32	3- 3/32	14- 5/16	32.01
417-120F*	12	10	3-3/4	13-9/16	15.96
417-140	14	10- 5/16	3- 5/16	15- 5/8	39.64
417-140F*	14	11-7/16	4-7/16	14- 7/8	25.96
417-160F*	16	13-1/8	5-1/8	17	34.85
417-180F*	18	14- 7/8	5- 7/8	19- 1/8	54.89
417-200F*	20	16-9/16	6-9/16	21- 3/16	70.53
417-240F*	24	19-15/16	7-15/16	25-3/8	117.78

* Fabricated

45° Street EII

Spigot x Socket



Part Number	Size	H	H1	J	J1	M1	Approx. Wt. (Lbs.)
427-005	1/2	1- 9/32	1- 9/32	11/32	13/32	1- 3/16	.06
427-007	3/4	1-17/32	1-3/8	17/32	3/8	1-13/32	.09
427-010	1	1-1/2	1-3/8	11/32	7/16	1-5/8	.09
427-012	1-1/4	1-25/32	1-29/32	1/2	21/32	2- 3/32	.22