

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

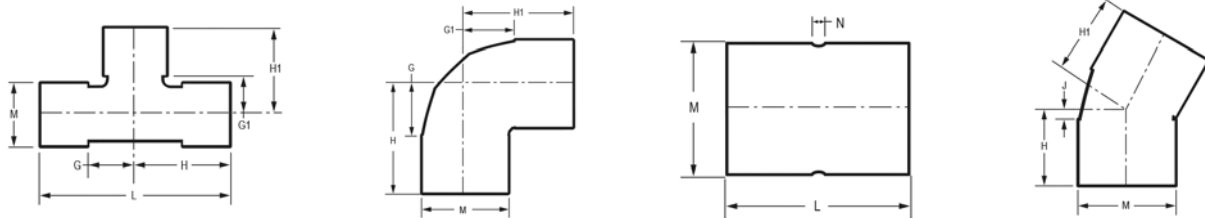
- L** = Overall length of fittings; $\pm 1/16$ inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/16$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/16$ inch.
- W** = Height of cap; $\pm 1/16$ inch.

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.

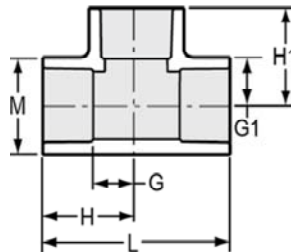
- L** = Overall length of fittings; $\pm 1/2$ inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/4$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/2$ inch.
- W** = Height of cap; $\pm 1/4$ inch.

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

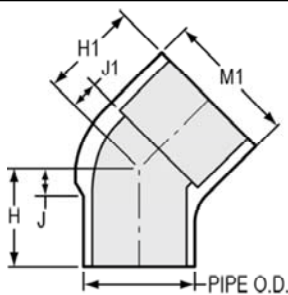


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45° Street Ell

Spigot x Socket

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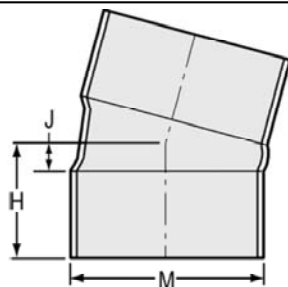


Part Number	Size	H	H1	J	J1	M1	Approx. Wt. (Lbs.)
427-015	1-1/2	2- 1/32	1-3/4	11/16	7/16	2-1/4	.19
427-020	2	2	2	5/8	5/8	2-23/32	.30
427-025	2-1/2	2- 5/8	2- 5/8	3/4	7/8	3-11/32	.59
427-030	3	2-31/32	3- 1/32	1	1- 7/32	4- 5/32	1.18
427-040	4	3-29/32	3-5/16	1-1/32	1-1/16	5-1/4	2.14
427-050	5	6- 1/8	4- 3/8	2- 7/8	1- 3/8	6- 1/16	3.64
427-060	6	5- 1/4	6- 1/4	1- 3/4	3	7- 5/8	5.72
427-080	8	6- 5/8	5-31/32	2-19/32	1- 3/4	9- 3/4	10.59
427-140F*	14	11-7/16	11-7/16	4-7/16	4-7/16	14-7/8	22.00
427-160F*	16	18-1/8	13-1/8	9-1/8	5-1/8	17	44.00
427-180F*	18	20-3/8	14-7/8	10-3/8	5-7/8	19-1/8	66.00
427-200F*	20	22-9/16	16-9/16	11-9/16	6-9/16	21-3/16	84.00
427-240F*	24	26-15/16	19-15/16	13-15/16	7-15/16	25-3/8	154.23

* Fabricated

15° Ell

Socket x Socket



Part Number	Size	H	J	M	Approx. Wt. (Lbs.)
418-005F*	1/2	1- 5/16	5/16	1- 1/16	.04
418-007F*	3/4	1- 5/16	5/16	1- 1/4	.07
418-010F*	1	1- 5/8	3/8	1- 9/16	.09
418-012F*	1-1/4	2	1/2	1-15/16	.18
418-015F*	1-1/2	2	1/2	2- 3/16	.22
418-020F*	2	2- 5/16	9/16	2-11/16	.29
418-025F*	2-1/2	2- 3/4	3/4	3- 1/4	.57
418-030F*	3	3	3/4	3-15/16	.77
418-040F*	4	3-1/16	13/16	5	1.36
418-045F*	4-1/2	3- 3/8	7/8	5- 7/16	1.35
418-050F*	5	3- 7/8	7/8	6- 1/16	1.88
418-060F*	6	4- 3/8	1- 1/8	7- 3/16	2.66
418-080F*	8	5- 1/2	1- 1/4	9- 1/4	5.95
418-100F*	10	6-7/8	1-5/8	11- 1/2	9.41
418-120F*	12	8	1-3/4	13- 9/16	14.09