

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

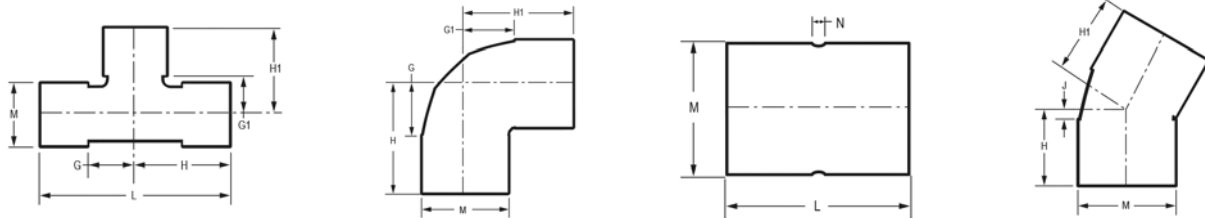
- L** = Overall length of fittings; $\pm 1/16$ inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/16$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/16$ inch.
- W** = Height of cap; $\pm 1/16$ inch.

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.

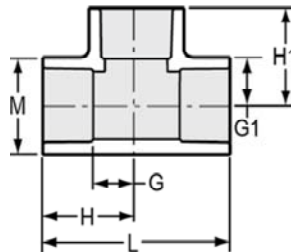
- L** = Overall length of fittings; $\pm 1/2$ inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/4$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/2$ inch.
- W** = Height of cap; $\pm 1/4$ inch.

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

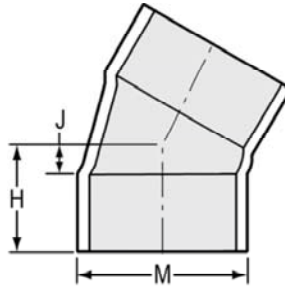
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30° EII

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Socket x Socket

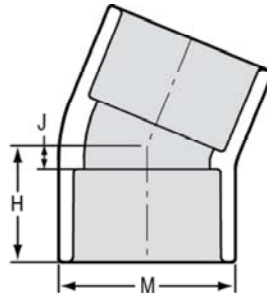


Part Number	Size	H	J	M	Approx. Wt. (Lbs.)
415-120F ⁺	12	9	2-3/4	13-9/16	16.57
415-140F ⁺	14	10-5/16	3-5/16	14- 7/8	23.88
415-160F ⁺	16	11-13/16	3-13/16	17	34.14
415-180F ⁺	18	13-3/8	4-3/8	19- 1/8	49.74
415-200F ⁺	20	14-15/16	4-15/16	21-3/16	64.48
415-240F ⁺	24	18	6	25-3/8	109.36

* Fabricated

22-1/2° EII

Socket x Socket



Part Number	Size	H	J	M	Approx. Wt. (Lbs.)
416-005	1/2	1- 1/16	3/16	1- 5/32	.05
416-007	3/4	1- 3/16	3/16	1- 7/16	.16
416-010	1	1- 3/8	9/32	1-23/32	.26
416-012	1-1/4	1- 1/2	11/32	2- 3/32	.21
416-015	1-1/2	1-21/32	9/32	2-11/32	.25
416-015F ⁺	1-1/2	2-1/8	5/8	2-3/16	.22
416-020	2	1-23/32	3/8	2-23/32	.24
416-025	2-1/2	2- 1/4	1/2	3- 1/2	.69
416-025F ⁺	2-1/2	2-13/16	13/16	3- 1/4	.66
416-030	3	2-13/32	9/16	4- 5/32	.98
416-040	4	2-27/32	19/32	5- 3/16	1.68
416-045F ⁺	4-1/2	3- 9/16	1- 1/16	5- 7/16	1.58
416-050F ⁺	5	4- 1/8	1- 1/8	6- 1/16	2.11
416-060	6	4- 9/16	1- 9/32	7- 3/16	4.39
416-060F ⁺	6	4- 5/8	1- 3/8	7- 3/16	3.24
416-080	8	5- 7/8	1- 3/4	9- 3/4	8.38
416-080F ⁺	8	12-11/16	3-11/16	9-1/8	5.72
416-100F ⁺	10	7-5/16	2-1/16	11- 1/2	10.04
416-120F ⁺	12	8- 1/2	2- 1/4	13- 9/16	14.91
416-140F ⁺	14	9-3/4	2-3/4	14-7/8	20.77
416-160F ⁺	16	11- 1/4	3- 1/4	17	30.96
416-180F ⁺	18	12-11/16	3-11/16	19-1/8	46.31