

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; ± 1/32 inch.
- H** = Intersection of center lines to face of fitting; 90° elbows tees, crosses; ± 1/32 inch.
- J** = Intersection of center lines to bottom of socket/thread; 45° elbows; ± 1/32 inch

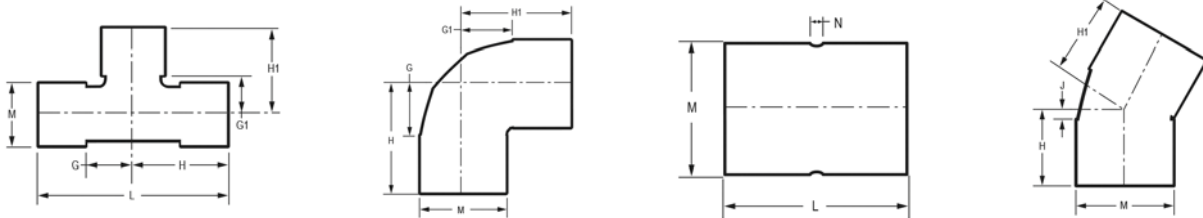
- L** = Overall length of fittings; ± 1/16 inch.
- M** = Outside diameter of socket/thread hub; ± 1/16 inch.
- N** = Socket bottom to socket bottom; couplings; ± 1/16 inch.
- W** = Height of cap; ± 1/16 inch.

Fabricated Dimension References:

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

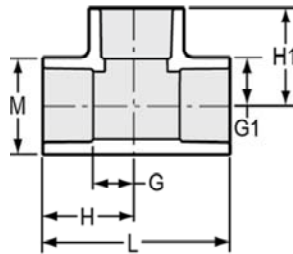
- L** = Overall length of fittings; ± 1/2 inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; ± 1/4 inch.
- N** = Socket bottom to socket bottom; couplings; ± 1/2 inch.
- W** = Height of cap; ± 1/4 inch.

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

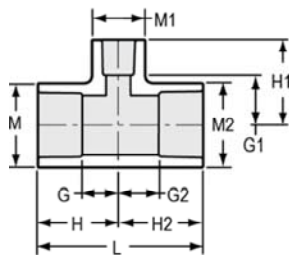


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Tee - Reducing

Socket x Socket x Socket

(Continued)



Part Number	Size	G	G1	G2	H	H1	H2	L	M	M1	M2	Approx. Wt. (Lbs.)
401-344 ¹	3X6	5- 1/2	4	5- 1/2	7- 1/2	7	7- 1/2	15	7- 1/4	7- 1/4	7- 1/4	10.33
401-416	4X3/4	25/32	2- 9/32	25/32	2-13/16	3- 9/32	2-13/16	5- 5/8	5- 3/32	1- 5/16	5- 3/32	1.01
401-417	4X1	13/16	2- 9/16	13/16	2-13/16	3- 5/8	2-13/16	5-19/32	5- 1/32	1-19/32	5- 1/32	1.20
401-418	4X1-1/4	1- 1/16	2- 9/32	1- 1/16	3- 3/32	3-17/32	3- 3/32	6- 3/16	5	1-31/32	5	1.31
401-419	4X1-1/2	1- 3/16	2-17/32	1- 3/16	3- 3/16	3-27/32	3- 3/16	6-13/32	5- 1/16	2- 1/4	5- 1/16	1.34
401-420	4X2	1-13/32	2- 3/4	1-13/32	3- 7/16	4- 5/32	3- 7/16	6- 7/8	5- 1/32	2- 3/4	5- 1/32	1.55
401-421 ¹	4X2-1/2	1-31/32	3- 3/32	1-31/32	4- 3/32	4-27/32	4- 3/32	8- 5/32	5- 5/32	4- 1/16	5- 5/32	2.69
401-422	4X3	2- 1/32	2- 5/8	2- 1/32	4- 3/32	4- 1/2	4- 3/32	8- 5/32	5- 5/32	4- 1/16	5- 5/32	2.31
401-426 ¹	4X6	5- 1/2	3- 1/2	5- 1/2	7- 1/2	7	7- 1/2	14-15/16	6- 7/8	7- 1/2	6- 7/8	10.08
401-428 ¹	4X8	6- 3/4	4- 1/2	6- 3/4	8- 3/4	8- 1/2	8- 3/4	17- 1/2	9- 1/4	9- 5/8	9- 5/8	20.10
401-486 ¹	5X2	1-11/32	3- 1/32	1-11/32	4-11/32	4-13/32	4-11/32	8-23/32	6- 1/8	2-23/32	6- 1/8	2.43
401-487 ¹	5X2-1/2	2	3- 5/8	2	5- 1/32	5- 3/8	5- 1/32	10- 1/16	6- 5/32	4- 1/32	6- 5/32	3.48
401-488	5X3	2	3- 3/16	2	5- 1/32	5- 1/16	5- 1/32	10- 1/16	6- 5/32	4- 1/32	6- 5/32	3.10
401-490	5X4	2- 1/2	3- 5/32	2- 1/2	5- 9/16	5- 3/16	5- 9/16	11- 1/8	6- 5/32	5- 1/32	6- 5/32	3.59
401-526 ¹	6X1-1/4	1- 3/8	4- 1/16	1- 3/8	4-27/32	5- 5/16	4-27/32	9-11/16	7- 1/4	2- 3/4	7- 1/4	3.45
401-527 ¹	6X1-1/2	1- 3/8	3- 7/8	1- 3/8	4-27/32	5- 3/16	4-27/32	9-11/16	7- 1/4	2-11/16	7- 1/4	3.34
401-528	6X2	1-13/32	3- 5/8	1-13/32	4-13/32	4-31/32	4-13/32	8-27/32	7- 1/4	2- 3/4	7- 1/4	3.21
401-529 ¹	6X2-1/2	1-31/32	4- 1/8	1-31/32	4-31/32	5- 7/8	4-31/32	9-15/16	7- 1/4	4- 1/32	7- 1/4	4.25
401-530	6X3	1-31/32	3- 5/8	1-31/32	4-31/32	5- 1/2	4-31/32	10	7- 1/4	4	7- 1/4	3.88
401-532	6X4	2-17/32	3- 5/8	2-17/32	5- 9/16	5- 5/8	5- 9/16	11- 1/8	7-1/4	5	7-1/4	4.40
401-533 ¹	6X5	3- 1/2	4- 1/2	3- 1/2	7	7- 1/2	7	14	7- 3/16	7- 3/16	7- 3/8	7.84
401-535 ¹	6X8	5-29/32	4-15/32	5-29/32	8-15/16	8-1/2	8-15/16	17-7/8	9-5/8	9-13/32	9-5/8	19.55
401-537 ¹	6X10	8	5-13/16	8	11- 3/8	10-13/16	11- 3/8	22- 3/4	11- 1/2	11- 9/16	11- 1/2	37.53
401-578 ¹	8X2	2	5- 7/8	2	6	7	6	12	9- 1/4	4	9- 1/4	6.74
401-579 ¹	8X2-1/2	2	5- 5/16	2	6	7- 5/16	6	12	9- 5/16	4	9- 5/16	6.65
401-580	8X3	1-31/32	4-21/32	1-31/32	6- 1/32	6-5/8	6- 1/32	12- 1/16	9-11/32	4	9-11/32	6.27
401-582	8X4	2-17/32	4-21/32	2-17/32	6-17/32	6-11/16	6-17/32	13- 1/16	9-5/16	5-1/32	9-5/16	7.07
401-583 ¹	8X5	3-21/32	5- 1/4	3-21/32	7-21/32	8- 1/4	7-21/32	15- 5/16	9- 5/16	7- 1/4	9- 5/16	10.61
401-585	8X6	3- 5/8	4- 3/4	3- 5/8	7-21/32	7-25/32	7-21/32	15-11/32	9-11/32	7- 1/4	9-11/32	8.66
401-589 ¹	8X10	6-23/32	5-11/16	6-23/32	11- 7/32	10- 1/2	11- 7/32	22- 7/16	11- 9/16	11- 9/16	11- 9/16	38.39
401-621F ⁺	10X2	4- 7/8	7- 1/4	4- 7/8	10- 1/8	9	10- 1/8	20- 1/4	11- 1/2	2-11/16	11- 1/2	19.60
401-622F ⁺	10X2-1/2	5- 5/8	7- 3/4	5- 5/8	10- 7/8	9- 3/4	10- 7/8	21- 3/4	11- 1/2	3- 1/4	11- 1/2	20.26
401-623 ¹	10X3	3-13/16	7	3-13/16	9- 3/8	9	9- 3/8	18- 3/4	12	7- 1/2	12	26.22
401-624 ¹	10X4	3-27/32	7- 3/8	3-27/32	9-11/32	9- 3/8	9-11/32	18-11/16	12	7- 1/2	12	26.10
401-625F ⁺	10X5	6-7/8	8-1/4	6-7/8	12-1/8	11-1/4	12-1/8	24-1/4	11-1/2	6-1/16	11-1/2	24.11
401-626	10X6	3-25/32	5-27/32	3-25/32	9-3/8	8-7/8	9-3/8	18-25/32	12-1/16	7-9/16		24.00
401-626F ⁺	10X6	6- 7/8	8- 3/8	6- 7/8	12- 1/8	11- 5/8	12- 1/8	24- 1/4	11- 1/2	7- 3/16	11- 1/2	26.47
401-628 ¹	10X8	5- 3/4	7- 3/16	5- 3/4	10- 7/8	11- 1/4	10- 7/8	21-11/16	11-11/16	11-11/16	11- 1/2	31.98
401-628F ⁺	10X8	8-1/2	8-5/16	8-1/2	13-3/4	12-9/16	13-3/4	27-1/2	11-1/2	9-1/4	11-1/2	29.40
401-634F ⁺	10X14	13-11/16	11	13-11/16	18-11/16	18	18-11/16	37-7/16	14-7/8	14-7/8	14-7/8	115.88
401-636F ⁺	10X16	18-5/16	12-7/8	18-5/16	23-5/16	20-7/8	23-5/16	46-11/16	17	17	17	185.88