

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

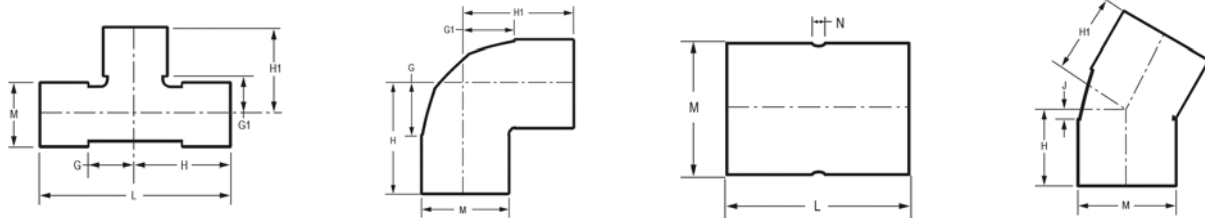
- L** = Overall length of fittings; $\pm 1/16$ inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/16$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/16$ inch.
- W** = Height of cap; $\pm 1/16$ inch.

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.

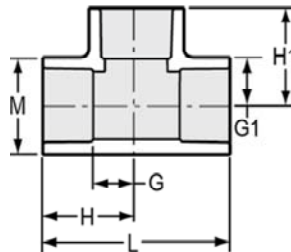
- L** = Overall length of fittings; $\pm 1/2$ inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/4$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/2$ inch.
- W** = Height of cap; $\pm 1/4$ inch.

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

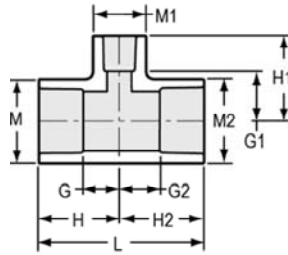
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Tee - Reducing

Socket x Socket x Socket

(Continued)



Part Number	Size	G	G1	G2	H	H1	H2	L	M	M1	M2	Approx. Wt. (Lbs.)
D401-166	1-1/4X1/2	23/32	31/32	23/32	1-31/32	2- 3/16	1-31/32	3-29/32	2	1- 1/8	2	.21
401-167	1-1/4X3/4	21/32	31/32	21/32	1-29/32	1-31/32	1-29/32	3-13/16	2	1-11/32	2	.19
401-168	1-1/4X1	13/16	1	13/16	1-15/16	2	1-15/16	3-27/32	2	1- 5/8	2	.21
401-169	1-1/4X1-1/2	1- 3/32	1	1- 3/32	2-11/32	2- 5/16	2-11/32	4-11/16	1-31/32	2- 7/32	1-31/32	.30
401-170	1-1/4X2	1-11/32	1	1-11/32	2-19/32	2- 3/8	2-19/32	5- 3/16	2	2- 3/4	2	.38
401-199	1-1/2X1-1/4X1/2	11/16	1- 1/8	11/16	2	1- 7/8	1-15/16	3-15/16	2- 1/4	1- 1/8	2	.21
401-201	1-1/2X1-1/4X3/4	21/32	1- 5/32	21/32	1-15/16	2- 3/16	1-15/16	3- 7/8	2- 1/4	1-11/32	2	.25
401-202	1-1/2X1-1/4X1	13/16	1- 3/16	13/16	2- 1/8	2- 9/32	2- 1/16	4- 3/16	2- 1/4	1- 5/8	2	.28
401-209	1-1/2X1/2	17/32	1- 3/32	17/32	1-27/32	1-27/32	1-27/32	3-11/16	2- 7/32	1- 1/8	2- 7/32	.22
D401-209	1-1/2X1/2	17/32	1- 1/16	17/32	1-27/32	2- 5/16	1-27/32	3-11/16	2- 7/32	1- 1/16	2- 7/32	.22
401-210	1-1/2X3/4	21/32	1- 3/32	21/32	1-31/32	2- 3/32	1-31/32	3-29/32	2- 7/32	1- 5/16	2- 7/32	.24
401-211	1-1/2X1	25/32	27/32	25/32	2- 3/32	1-31/32	2- 3/32	4- 3/16	2- 7/32	1- 5/8	2- 7/32	.27
401-212	1-1/2X1-1/4	1	1- 3/16	1	2- 9/32	2- 7/16	2- 9/32	4-19/32	2- 1/4	2	2- 1/4	.31
401-213	1-1/2X2	1- 5/16	1- 3/16	1- 5/16	2- 5/8	2- 9/16	2- 5/8	5- 7/32	2- 1/4	2- 3/4	2- 1/4	.39
401-214	1-1/2X2-1/2	1-21/32	1- 3/16	1-21/32	2-31/32	2-15/16	2-31/32	5-15/16	2- 1/4	3-11/32	2- 1/4	.58
401-233	2X1X2	1- 1/4	1- 1/4	1- 7/32	2-19/32	2-19/32	2-11/32	5	2- 3/4	2- 3/4	1- 5/8	.40
401-238	2X1-1/2X3/4	21/32	1-13/32	21/32	2- 1/32	2-13/32	1-31/32	4	2-23/32	1- 5/16	2- 1/4	.31
401-239	2X1-1/2X1	13/16	1- 1/2	13/16	2- 1/8	2- 5/8	2- 1/8	4- 9/32	2- 3/4	1- 5/8	2- 1/4	.36
401-241	2X1-1/2X1-1/2	1	1- 9/32	1- 1/32	2- 3/8	2- 9/16	2- 5/16	4-11/16	2-23/32	2- 7/32	2- 7/32	.37
401-247	2X1/2	35/64	1-11/32	35/64	1-59/64	2- 3/32	1-59/64	3-27/32	2-23/32	1- 3/32	2-23/32	.32
D401-247	2X1/2	9/16	1- 7/32	9/16	1-15/16	2- 1/2	1-15/16	3- 7/8	2-23/32	1- 1/16	2-23/32	.30
401-248	2X3/4	21/32	1-3/8	21/32	2- 1/32	2-3/8	2- 1/32	4- 1/16	2- 3/4	1-11/32	2- 3/4	.32
401-249	2X1	25/32	1-5/16	25/32	2- 3/16	2- 1/2	2- 3/16	4-11/32	2-23/32	1- 5/8	2-23/32	.36
401-250	2X1-1/4	1	1- 3/8	1	2- 3/8	2- 5/8	2- 3/8	4-23/32	2-23/32	1-31/32	2-23/32	.39
401-251	2X1-1/2	1- 1/16	1- 5/16	1- 1/16	2- 3/8	2- 9/16	2- 3/8	4- 3/4	2-23/32	2- 1/4	2-23/32	.42
401-253 ¹	2X3	2- 7/8	1-13/16	2- 7/8	4- 1/4	3-13/16	4- 1/4	8- 1/2	4	4	3-15/16	2.38
401-254 ¹	2X4	3-13/32	2- 3/8	3-13/32	4-25/32	4- 3/8	4-25/32	9- 9/16	5- 1/16	5- 1/16	5- 1/16	4.06
401-257	2X1-1/2X2	1-3/8	1-3/8	1-3/8	2-3/4	2-3/4	2-3/4	5-7/16	2-3/4	2-3/4	2-1/4	.47
401-287	2-1/2X1/2	25/32	1-15/32	25/32	2-17/32	2- 7/32	2-17/32	5- 1/16	3- 5/16	1- 1/16	3- 5/16	.56
401-288	2-1/2X3/4	7/8	1- 9/16	7/8	2- 5/8	2- 1/2	2- 5/8	5- 9/32	3- 5/16	1- 5/16	3- 5/16	.59
401-289	2-1/2X1	13/16	1-17/32	13/16	2-13/16	2-21/32	2-13/16	5- 5/8	3- 5/16	1- 5/8	3- 5/16	.64
401-290	2-1/2X1-1/4	1- 7/32	1-21/32	1- 7/32	2-31/32	2-29/32	2-31/32	5-31/32	3-11/32	2- 1/32	3-11/32	.74
401-291	2-1/2X1-1/2	1- 3/16	1- 5/8	1- 3/16	2-31/32	2-15/16	2-31/32	5-15/16	3-11/32	2- 1/4	3-11/32	.69
401-292	2-1/2X2	1-13/32	1-21/32	1-13/32	3- 3/16	3- 1/32	3- 3/16	6- 3/8	3- 5/16	2- 3/4	3- 5/16	.76
401-293 ¹	2-1/2X3	2- 1/4	1-31/32	2- 1/4	4- 1/4	3-13/16	4- 1/4	8-15/32	4	4	4	2.19
401-294 ¹	2-1/2X4	2- 3/4	2- 3/8	2- 3/4	4- 3/4	4- 3/8	4- 3/4	9- 1/2	5- 1/16	5	5- 1/16	3.85
401-333	3X1/2	11/16	1-13/16	11/16	2- 9/16	2-17/32	2- 9/16	5- 1/32	3-31/32	1- 3/32	3-31/32	.70
401-334	3X3/4	3/4	2	3/4	2-21/32	3	2-21/32	5- 9/32	4	1-11/32	4	.84
401-335	3X1	29/32	1-25/32	29/32	2-51/64	2-29/32	2-51/64	5-19/32	3-31/32	1-19/32	3-31/32	.83
401-336	3X1-1/4	1- 7/32	1-31/32	1- 7/32	2-31/32	3- 7/32	2-31/32	5-15/16	4	2	4	.92
401-337	3X1-1/2	1- 7/32	1-13/16	1- 7/32	3- 3/32	3- 1/8	3- 3/32	6- 3/16	4- 1/16	2- 7/32	4- 1/16	.98
401-338	3X2	1-15/32	1-13/16	1-15/32	3-11/32	3- 3/16	3-11/32	6-11/16	3-31/32	2-23/32	3-31/32	1.04
401-339	3X2-1/2	1- 3/4	1-31/32	1- 3/4	3- 5/8	3-11/16	3- 5/8	7- 1/4	4- 3/16	3-17/32	4- 3/16	1.91
401-342	3X4	2-19/32	2	2-19/32	4- 1/2	4- 1/32	4- 1/2	8-31/32	3-31/32	5- 1/32	3-31/32	1.78