



**PERSIAN
POWER**

Tee fittings are used to create branches in the main pipeline. Water can be transferred to different areas of the building thanks to this type of fittings.



Tee Fittings

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
Tee Fittings	20	ductile	25	43	56.5	125
Tee Fittings	25	ductile	27	51	66.22	153
Tee Fittings	32	ductile	30	60	77.84	270
Tee Fittings	50	ductile	35	80	101	605
Tee Fittings	63	ductile	37.5	95.5	117	790



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They are important pieces in plumbing that change the direction of fluid flow. These types of fittings are used to connect two pipes with the same nominal diameters.



Elbows 90 Degrees

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
Elbows 90 Degrees	20	ductile	25	42.2	42.2	78
Elbows 90 Degrees	25	ductile	27	51	51	150
Elbows 90 Degrees	32	ductile	30	63.3	63.3	210
Elbows 90 Degrees	40	ductile	32.5	70	70	280
Elbows 90 Degrees	50	ductile	35	80	70	600
Elbows 90 Degrees	63	ductile	37.5	94.8	94.8	656



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Galvanized street elbows are made just like galvanized elbows, except that they alternate male and female threads on either side.



Street Elbows 90 Degrees

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (kg)
Street Elbows 90 Degrees	20	ductile	25	38.54	51.5	20
Street Elbows 90 Degrees	25	ductile	27	46.77	65.52	25
Street Elbows 90 Degrees	32	ductile	30	55.5	73	32
Street Elbows 90 Degrees	40	ductile	32.5	62.93	83	40
Street Elbows 90 Degrees	50	ductile	35	75	98	50
Street Elbows 90 Degrees	63	ductile	37.5	88.6	110	63



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They are used to connect two pipes while plumbing. They are in fact small pipes with their both ends threaded.



Fittings Reducers

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Fittings Reducers	20	ductile	25	43.53	-	55
Fittings Reducers	25	ductile	27	50.5	-	100
Fittings Reducers	32	ductile	30	52.6	-	120
Fittings Reducers	63	ductile	37.5	67.8	-	390



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These bushings are similar to simple types of bushings, except that they have threads on both inner and outer sides.



Fittings Male-to-Female Reducers

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Fittings Male-to-Female Reducers	20	ductile	25	45.73	-	57
Fittings Male-to-Female Reducers	25	ductile	27	52	-	110



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They are the simplest types of home fittings used for connecting a high-diameter pipe to a low-diameter one.



Adapter Fittings Reducers

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Adapter Fittings Reducers	20	ductile	25	45.6	-	55
Adapter Fittings Reducers	25	ductile	27	43.5	-	100
Adapter Fittings Reducers	32	ductile	30	42.8	-	120



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The inner side of the snap bushings is fully threaded.



Fittings Snap Bushings

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Fittings Snap Bushings	20	ductile	25	34.5	-	55
Fittings Snap Bushings	25	ductile	27	40.19	-	110
Fittings Snap Bushings	32	ductile	32	46	-	150



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Both hot and cold caulking of tube nuts can increase their resistance in acidic and alkaline environments. Galvanized tube nuts enjoy high resistance against rot and corrosive materials.



Tube Nuts

Name	Size <small>(mm)</small>	Alloy	Thickness <small>(mm)</small>	Length <small>(mm)</small>	Width <small>(mm)</small>	Weight <small>(g)</small>
Tube Nuts	32	ductile	30	58	-	380
Tube Nuts	63	ductile	37.5	75	-	1100



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They are other commonly used components of galvanized fittings. The smaller inner side is fully threaded. The outside, which is larger, is threaded on one side. The other side is made wrench friendly.



Fittings Adaptor Fittings

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Fittings Adaptor Fittings	25*20	ductile	25	24.9	-	60
Fittings Adaptor Fittings	32*20	ductile	27	27.3	-	92
Fittings Adaptor Fittings	32*25	ductile	30	27.3	-	80



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They are used to close the ends of all kinds of pipes as well as hydraulic and pneumatic tubes. They are one of essential parts in the piping of industrial and home installation lines, machines, etc.



Caps

Name	Size (mm)	Alloy	Thickness (mm)	Length (mm)	Width (mm)	Weight (g)
Caps	20	ductile	25	24.78	-	30
Caps	25	ductile	27	27	-	45
Caps	32	ductile	30	29.2	-	60



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