

Threaded Reducing Tee

Model: SDT - 53

SHIELD SDT-53 are most suitable for marine, pumping, commercial, domestic chemical and irrigation applications. Allow controlled angular and linear movement of the pipe to assist alignment and installation.



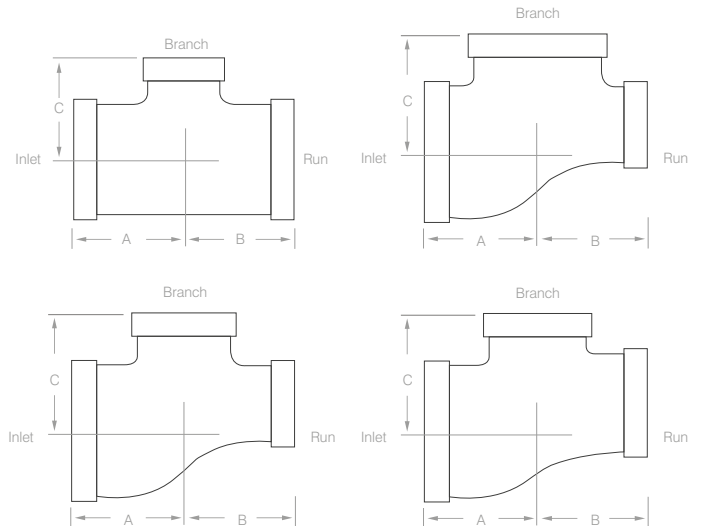
Product Specifications:

Available Size	1/2" - 2" (D.I.), 1/8" - 6" (M.I.)
Material	Ductile Iron ASTM A536, BS EN 1563, Malleable Iron BS EN 1562
Max. Working Pressure	500psi
Application	Water and HVAC
Coating Finish	Black, Hot Dipped Galvanized
Threads	ANSI B1.20.1, BS 21 & ISO 7/1 (Taper)
Dimensions	ASME B16.3, B16.14 & Unions ASME B16.39 BS EN 10242, BS 143 & 1256
Approvals/Listings	 

Threaded Reducing Tee

Product Dimensions:

Ductile Iron										Ductile Iron									
Nominal Size				A		B		C		Nominal Size				A		B		C	
Inlet Inch	Run Inch	Branch Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inlet Inch	Run Inch	Branch Inch	mm	Inch	mm	Inch	mm	Inch	mm
¾	¾	½	20 x 20 x 15	1.20	30.5	1.22	31.0	1.20	30.5	2	1	1½	50 x 25 x 40	2.02	51.3	2.16	54.9	1.80	45.7
¾	¾	1	20 x 20 x 25	1.45	36.8	1.37	34.8	1.45	36.8	2	1	2	50 x 25 x 50	2.25	57.2	2.25	57.2	2.02	51.3
1	½	1	25 x 15 x 25	1.50	38.1	1.50	38.1	1.40	35.5	2	1¼	1	50 x 32 x 25	1.57	40.0	2.01	51.0	1.73	44.0
1	¾	¾	25 x 20 x 20	1.37	34.8	1.45	36.8	1.31	33.3	2	1¼	2	50 x 32 x 50	2.25	57.2	2.25	57.2	2.10	53.3
1	¾	1	25 x 20 x 25	1.50	38.1	1.50	38.1	1.45	36.8	2	1½	½	50 x 40 x 15	1.49	37.9	1.88	47.8	1.41	35.8
1	1	½	25 x 25 x 15	1.26	32.0	1.40	35.5	1.26	32.0	2	1½	1	50 x 40 x 25	1.73	43.9	2.02	51.3	1.65	41.9
1	1	¾	25 x 25 x 20	1.37	34.8	1.45	36.8	1.37	34.8	2	1½	1¼	50 x 40 x 32	1.90	48.3	2.10	53.3	1.82	46.2
1	1	1¼	25 x 25 x 32	1.67	42.4	1.58	40.1	1.67	42.4	2	1½	1½	50 x 40 x 40	2.02	51.3	2.16	54.9	1.94	49.3
1	1	1½	25 x 25 x 40	1.80	45.7	1.65	41.9	1.80	45.7	2	1½	2	50 x 40 x 50	2.25	57.2	2.25	57.2	2.16	54.8
1¼	½	1¼	32 x 15 x 32	1.75	44.5	1.75	44.5	1.53	38.9	2	2	½	50 x 50 x 15	1.49	37.9	1.88	47.8	1.49	37.9
1¼	1	½	32 x 25 x 15	1.34	34.0	1.53	38.9	1.26	32.0	2	2	¾	50 x 50 x 20	1.60	40.6	1.97	50.0	1.60	40.6
1¼	1	¾	32 x 25 x 20	1.45	36.8	1.62	41.2	1.37	34.8	2	2	1	50 x 50 x 25	1.73	43.9	2.02	51.3	1.73	43.9
1¼	1	1	32 x 25 x 25	1.58	40.1	1.67	42.4	1.50	38.1	2	2	1¼	50 x 50 x 32	1.90	48.3	2.10	53.3	1.90	48.3
1¼	1	1¼	32 x 25 x 32	1.75	44.5	1.75	44.5	1.67	42.4	2	2	1½	50 x 50 x 40	2.02	51.3	2.16	54.9	2.02	51.3
1¼	1	1½	32 x 25 x 40	1.89	48.0	1.81	46.0	1.81	46.0	2	2	2½	50 x 50 x 65	2.60	66.0	2.39	60.7	2.01	51.0
1¼	1¼	½	32 x 32 x 15	1.34	34.0	1.53	38.9	1.34	34.0										
1¼	1¼	¾	32 x 32 x 20	1.45	36.8	1.62	41.2	1.45	36.8										
1¼	1¼	1	32 x 32 x 25	1.58	40.1	1.67	42.4	1.58	40.1										
1¼	1¼	1½	32 x 32 x 40	1.88	47.8	1.82	46.2	1.88	47.8										
1¼	1¼	2	32 x 32 x 50	2.10	53.3	2.30	58.3	1.90	48.3										
1½	1	½	40 x 25 x 15	1.41	35.8	1.66	42.2	1.34	34.0										
1½	1	1	40 x 25 x 25	1.65	41.9	1.80	45.7	1.50	38.1										
1½	1	1¼	40 x 25 x 32	1.82	46.2	1.88	47.8	1.67	42.4										
1½	1	1½	40 x 25 x 40	1.94	49.3	1.94	49.3	1.80	45.7										
1½	1¼	½	40 x 32 x 15	1.41	35.8	1.66	42.2	1.34	34.0										
1½	1¼	1	40 x 32 x 25	1.65	41.9	1.80	45.7	1.58	40.1										
1½	1¼	1¼	40 x 32 x 32	1.82	46.2	1.88	47.8	1.75	44.5										
1½	1¼	1½	40 x 32 x 40	1.94	49.3	1.94	49.3	1.88	47.8										
1½	1¼	2	40 x 32 x 50	2.16	54.9	2.02	51.3	2.10	53.3										
1½	1½	½	40 x 40 x 15	1.41	35.8	1.66	42.2	1.41	35.8										
1½	1½	¾	40 x 40 x 20	1.52	38.6	1.75	44.5	1.52	38.6										
1½	1½	1	40 x 40 x 25	1.65	41.9	1.80	45.7	1.65	41.9										
1½	1½	1¼	40 x 40 x 32	1.82	46.2	1.88	47.8	1.82	46.2										
1½	1½	2	40 x 40 x 50	2.16	54.9	2.02	51.3	2.16	54.9										



Reducing Tee

Threaded Reducing Tee

Product Dimensions:

Malleable Iron										Malleable Iron									
Nominal Size				A		B		C		Nominal Size				A		B		C	
Inlet Inch	Run Inch	Branch Inch	Inlet x Run x Branch mm	Inch	mm	Inch	mm	Inch	mm	Inlet Inch	Run Inch	Branch Inch	Inlet x Run x Branch mm	Inch	mm	Inch	mm	Inch	mm
1/4	1/4	1/8	8 x 8 x 6	0.74	18.8	0.76	19.3	0.74	18.8	1/4	1/4	3/8	32 x 32 x 10	1.26	32.0	1.42	36.0	1.26	32.0
3/8	3/8	1/4	10 x 10 x 8	0.91	23.0	0.91	23.0	0.91	23.0			1/2	32 x 32 x 15	1.34	34.0	1.50	38.0	1.34	34.0
1/2	1/2	3/8	15 x 15 x 10	1.02	26.0	1.02	26.0	1.02	26.0			3/4	32 x 32 x 20	1.42	36.0	1.61	41.0	1.42	36.0
		3/4	15 x 15 x 20	1.22	31.0	1.18	30.0	1.22	31.0	1/4	1/4	1	32 x 32 x 25	1.57	40.0	1.65	42.0	1.57	40.0
		1	15 x 15 x 25	1.34	34.0	1.26	32.0	1.34	34.0			1 1/2	32 x 32 x 40	1.89	48.0	1.81	46.0	1.89	48.0
3/4	3/4	1 1/8	15 x 15 x 6	0.87	22.0	0.91	23.0	0.87	22.0		1/2	2	32 x 32 x 50	2.13	54.0	1.89	48.0	2.13	54.0
		1 1/4	15 x 15 x 8	0.94	24.0	0.94	24.0	0.94	24.0			1	40 x 15 x 25	1.73	44.0	1.81	46.0	1.34	34.0
		1 1/2	20 x 15 x 15	1.18	30.0	1.22	31.0	1.10	28.0			1 1/2	40 x 15 x 40	1.97	50.0	1.97	50.0	1.65	42.0
1	1	3/4	20 x 15 x 20	1.30	33.0	1.30	33.0	1.22	31.0	3/4	3/4	3/4	40 x 20 x 20	1.50	38.0	1.69	43.0	1.26	32.0
		1	20 x 15 x 25	1.50	38.0	1.34	34.0	1.30	33.0			1	40 x 20 x 25	1.73	44.0	1.81	46.0	1.38	35.0
		1 1/4	20 x 20 x 8	1.02	26.0	1.06	27.0	1.02	26.0			1 1/4	40 x 20 x 32	1.81	46.0	1.89	48.0	1.61	41.0
1 1/4	1 1/4	3/8	20 x 20 x 10	1.10	28.0	1.10	28.0	1.10	28.0	1 1/2	1 1/2	1 1/2	40 x 20 x 40	1.97	50.0	1.97	50.0	1.73	44.0
		1/2	20 x 20 x 15	1.18	30.0	1.22	31.0	1.18	30.0			1/2	40 x 25 x 15	1.46	37.0	1.61	41.0	1.26	32.0
		1	20 x 20 x 25	1.42	36.0	1.38	35.0	1.42	36.0			1	40 x 25 x 25	1.65	42.0	1.81	46.0	1.50	38.0
1 1/2	1 1/2	1 1/4	20 x 20 x 32	1.61	41.0	1.42	36.0	1.61	41.0	2	2	1 1/4	40 x 25 x 32	1.81	46.0	1.89	48.0	1.65	42.0
		1 1/2	25 x 8 x 25	1.46	37.0	1.46	37.0	1.18	30.0			1 1/2	40 x 25 x 40	1.97	50.0	1.97	50.0	1.81	46.0
		1 1/2	25 x 15 x 15	1.26	32.0	1.34	34.0	1.10	28.0			1/2	40 x 32 x 15	1.42	36.0	1.65	42.0	1.34	34.0
2	2	3/4	25 x 15 x 20	1.38	35.0	1.42	36.0	1.22	31.0	2 1/2	2 1/2	3/4	40 x 32 x 20	1.50	38.0	1.73	44.0	1.42	36.0
		1	25 x 15 x 25	1.50	38.0	1.50	38.0	1.34	34.0			1	40 x 32 x 25	1.65	42.0	1.81	46.0	1.57	40.0
		3/4	25 x 20 x 20	1.38	35.0	1.42	36.0	1.30	33.0			1 1/4	40 x 32 x 32	1.81	46.0	1.89	48.0	1.77	45.0
2 1/2	2 1/2	1	25 x 20 x 25	1.50	38.0	1.50	38.0	1.42	36.0	3	3	1 1/2	40 x 32 x 40	1.97	50.0	1.97	50.0	1.89	48.0
		1 1/4	25 x 25 x 8	1.10	28.0	1.22	31.0	1.10	28.0			2	40 x 32 x 50	2.17	55.0	2.03	51.5	2.11	53.5
		3/8	25 x 25 x 10	1.18	30.0	1.26	32.0	1.18	30.0			3/8	40 x 40 x 10	1.34	34.0	1.54	39.0	1.34	34.0
3	3	1/2	25 x 25 x 15	1.26	32.0	1.34	34.0	1.26	32.0	3 1/2	3 1/2	1/2	40 x 40 x 15	1.42	36.0	1.65	42.0	1.42	36.0
		3/4	25 x 25 x 20	1.38	35.0	1.42	36.0	1.38	35.0			3/4	40 x 40 x 20	1.50	38.0	1.73	44.0	1.50	38.0
		1 1/4	25 x 25 x 32	1.65	42.0	1.57	40.0	1.65	42.0			1	40 x 40 x 25	1.65	42.0	1.81	46.0	1.65	42.0
3 1/2	3 1/2	1 1/2	25 x 25 x 40	1.81	46.0	1.65	42.0	1.81	46.0	4	4	1 1/4	40 x 40 x 32	1.81	46.0	1.89	48.0	1.81	46.0
		2	25 x 25 x 50	2.02	51.3	1.93	48.9	2.02	51.3			2	40 x 40 x 50	2.17	55.0	2.05	52.0	2.17	55.0
		2 1/2	25 x 25 x 65	2.36	60.0	1.89	48.0	2.36	60.0			2 1/2	40 x 40 x 65	2.44	62.0	2.56	65.0	2.44	62.0
4	4	1/2	32 x 15 x 15	1.34	34.0	1.50	38.0	1.06	27.0	4 1/2	4 1/2	2	50 x 15 x 50	2.24	57.0	2.24	57.0	1.89	48.0
		3/4	32 x 15 x 20	1.38	35.0	1.50	38.0	1.14	29.0			3/4	50 x 20 x 50	2.28	58.0	2.28	58.0	1.97	50.0
		1	32 x 15 x 25	1.58	40.1	1.67	42.4	1.36	34.5			1	50 x 25 x 25	1.73	44.0	2.01	51.0	1.50	38.0
4 1/2	4 1/2	1 1/4	32 x 15 x 32	1.77	45.0	1.77	45.0	1.50	38.0	5	5	1 1/2	50 x 25 x 40	2.02	51.3	2.16	54.9	1.80	45.7
		1 1/2	32 x 20 x 15	1.57	40.0	1.67	42.5	1.46	37.0			2	50 x 25 x 50	2.28	58.0	2.28	58.0	2.05	52.0
		3/4	32 x 20 x 20	1.42	36.0	1.61	41.0	1.30	33.0			1	50 x 32 x 25	1.57	40.0	2.01	51.0	1.73	44.0
5	5	1	32 x 20 x 25	1.57	40.0	1.65	42.0	1.42	36.0	5 1/2	5 1/2	1 1/4	50 x 32 x 32	1.89	48.0	2.13	54.0	1.77	45.0
		1 1/4	32 x 20 x 32	1.77	45.0	1.77	45.0	1.61	41.0			1 1/2	50 x 32 x 40	2.05	52.0	2.17	55.0	1.89	48.0
		1 1/2	32 x 25 x 15	1.34	34.0	1.50	38.0	1.26	32.0			2	50 x 32 x 50	2.28	58.0	2.28	58.0	2.13	54.0
5 1/2	5 1/2	3/4	32 x 25 x 20	1.42	36.0	1.61	41.0	1.38	35.0	6	6	1/2	50 x 40 x 15	1.50	38.0	1.89	48.0	1.42	36.0
		1	32 x 25 x 25	1.57	40.0	1.65	42.0	1.50	38.0			3/4	50 x 40 x 20	1.57	40.0	1.97	50.0	1.50	38.0
		1 1/4	32 x 25 x 32	1.77	45.0	1.77	45.0	1.65	42.0			1	50 x 40 x 25	1.73	44.0	2.05	52.0	1.65	42.0

Threaded Reducing Tee

Miscellaneous Data:

Malleable Iron										Malleable Iron										
Nominal Size				A		B		C		Nominal Size				A		B		C		
Inlet Inch	Run Inch	Branch Inch	Inlet x Run x Branch mm	Inch	mm	Inch	mm	Inch	mm	Inlet Inch	Run Inch	Branch Inch	Inlet x Run x Branch mm	Inch	mm	Inch	mm	Inch	mm	
2	1½	1¼	50 x 40 x 32	1.89	48.0	2.13	54.0	1.81	46.0	6	6	3	100 x 100 x 80	3.31	84.0	3.62	92.0	3.31	84.0	
		1½	50 x 40 x 40	2.05	52.0	2.17	55.0	1.97	50.0			2	150 x 150 x 50	2.95	75.0	4.53	115.0	2.95	75.0	
		2	50 x 40 x 50	2.28	58.0	2.28	58.0	2.17	55.0			3	150 x 150 x 80	3.62	92.0	4.76	121.0	3.62	92.0	
	2	¾	50 x 50 x 10	1.42	36.0	1.81	46.0	1.42	36.0			4	150 x 150 x 100	4.13	105.0	4.92	125.0	4.13	105.0	
		½	50 x 50 x 15	1.50	38.0	1.89	48.0	1.50	38.0											
		¾	50 x 50 x 20	1.57	40.0	1.97	50.0	1.57	40.0											
		1	50 x 50 x 25	1.73	44.0	2.05	52.0	1.73	44.0											
2	2	1¼	50 x 50 x 32	1.89	48.0	2.13	54.0	1.89	48.0											
		1½	50 x 50 x 40	2.05	52.0	2.17	55.0	2.05	52.0											
		2½	50 x 50 x 65	2.60	66.0	2.40	61.0	2.60	66.0											
2½	1½	2½	65 x 40 x 65	2.72	69.0	2.72	69.0	2.52	64.0											
		2	½	65 x 50 x 15	1.73	44.0	2.28	58.0	1.73	44.0										
			1	65 x 50 x 25	2.09	53.0	2.36	60.0	2.09	53.0										
	2		1¼	65 x 50 x 32	2.24	57.0	2.52	64.0	2.05	52.0										
		2	65 x 50 x 50	2.38	60.5	2.60	66.0	2.24	57.0											
		2½	65 x 50 x 65	2.64	67.0	2.64	67.0	2.56	65.0											
	2½	½	65 x 65 x 15	1.61	41.0	2.24	57.0	1.61	41.0											
		¾	65 x 65 x 20	1.73	44.0	2.32	59.0	1.73	44.0											
		1	65 x 65 x 25	1.85	47.0	2.36	60.0	1.85	47.0											
	2½	1¼	65 x 65 x 32	2.05	52.0	2.44	62.0	2.05	52.0											
		1½	65 x 65 x 40	2.17	55.0	2.48	63.0	2.17	55.0											
		2	65 x 65 x 50	2.40	61.0	2.60	66.0	2.40	61.0											
	3	2	3	65 x 65 x 80	2.95	75.0	2.83	72.0	2.95	75.0										
			4	65 x 65 x 100	3.54	90.0	3.07	78.0	3.54	90.0										
			2	80 x 50 x 50	2.52	64.0	2.89	73.4	2.25	57.2										
3	2½	2	80 x 65 x 50	2.64	67.0	2.93	74.5	2.52	64.0											
		½	80 x 80 x 15	1.65	42.0	2.52	64.0	1.65	42.0											
	3	¾	80 x 80 x 20	1.77	45.0	2.56	65.0	1.77	45.0											
		1	80 x 80 x 25	2.01	51.0	2.64	67.0	2.01	51.0											
		1¼	80 x 80 x 32	2.17	55.0	2.76	70.0	2.17	55.0											
		1½	80 x 80 x 40	2.28	58.0	2.80	71.0	2.28	58.0											
		2	80 x 80 x 50	2.52	64.0	2.87	73.0	2.52	64.0											
		2½	80 x 80 x 65	2.83	72.0	2.99	76.0	2.83	72.0											
4	3	2	100 x 80 x 50	2.64	67.0	3.29	83.5	2.36	60.0											
		½	100 x 100 x 15	1.97	50.0	3.11	79.0	1.97	50.0											
	4	¾	100 x 100 x 20	2.09	53.0	3.11	79.0	2.09	53.0											
		1	100 x 100 x 25	2.20	56.0	3.19	81.0	2.20	56.0											
		1¼	100 x 100 x 32	2.40	61.0	3.27	83.0	2.40	61.0											
		1½	100 x 100 x 40	2.52	64.0	3.31	84.0	2.52	64.0											
		2	100 x 100 x 50	2.76	70.0	3.39	86.0	2.76	70.0											
	2½	100 x 100 x 65	3.03	77.0	3.50	89.0	3.03	77.0												

Threaded Reducing Tee

Miscellaneous Data:

1. Ordering Information

Example: SDT-53-1-1-2

- SDT-53 is the part number
- (1) Black (2) Hot Dipped Galvanized Coating
- (1) Malleable Iron (2) Ductile Iron
- (2) Size

2. Contact Information

For further information on any aspect of the SHIELD Threaded Fittings please contact below:

MIDDLE EAST & AFRICA	UNITED KINGDOM
Jebel Ali Free Zone, Dubai, UAE P.O Box: 61199 Tel.: +971 4 881 2070 Fax: +971 4 881 2198 Email: shieldme@shielglobal.com	Unit 3, Endeavor Drive, Basildon-Essex, SS3 14WF Tel.: +44 1708 377731 Fax: +44 1708347637 Email: shielduk@shielglobal.com