

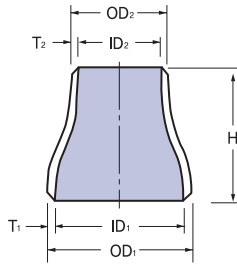
WROUGHT STEEL BUTT-WELDING FITTING

• Reducer

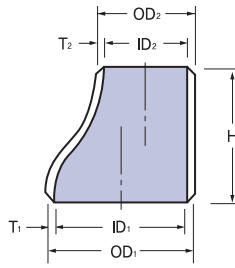
STD, Sch40, X-S, Sch80
Sch160

ASME B16.9

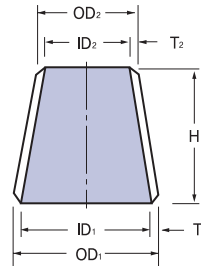
Nominal Pipe Size	Outside Diameter		Center to End	Sch20		Sch30	
	OD ₁	OD ₂	H	T ₁	T ₂	T ₁	T ₂
16 × 14	16.000	14.000	14.00	0.375	0.375	0.500	0.438
16 × 12	16.000	12.750	14.00	0.375	0.375	0.500	0.406
16 × 10	16.000	10.750	14.00	0.375	0.375	0.500	0.365
16 × 8	16.000	8.625	14.00	0.375	0.375	0.500	0.322
18 × 16	18.000	16.000	15.00	0.375	0.375	0.562	0.500
18 × 14	18.000	14.000	15.00	0.375	0.375	0.562	0.438
18 × 12	18.000	12.750	15.00	0.375	0.375	0.562	0.406
18 × 10	18.000	10.750	15.00	0.375	0.375	0.562	0.365
20 × 18	20.000	18.000	20.00	0.375	0.375	0.594	0.562
20 × 16	20.000	16.000	20.00	0.375	0.375	0.594	0.500
20 × 14	20.000	14.000	20.00	0.375	0.375	0.594	0.438
20 × 12	20.000	12.750	20.00	0.375	0.375	0.594	0.406
22 × 20	22.000	20.000	20.00	0.375	0.375	0.594	0.594
22 × 18	22.000	18.000	20.00	0.375	0.375	0.594	0.562
22 × 16	22.000	16.000	20.00	0.375	0.375	0.594	0.500
22 × 14	22.000	14.000	20.00	0.375	0.375	0.594	0.438
24 × 22	24.000	22.000	20.00	0.375	0.375	0.688	0.594
24 × 20	24.000	20.000	20.00	0.375	0.375	0.688	0.594
24 × 18	24.000	18.000	20.00	0.375	0.375	0.688	0.562
24 × 16	24.000	16.000	20.00	0.375	0.375	0.688	0.500
26 × 24	26.000	24.000	24.00	0.375	0.375	0.688	0.688
26 × 22	26.000	22.000	24.00	0.375	0.375	0.688	0.594
26 × 20	26.000	20.000	24.00	0.375	0.375	0.688	0.594
26 × 18	26.000	18.000	24.00	0.375	0.375	0.688	0.562
28 × 26	28.000	26.000	24.00	0.375	0.375	0.688	0.688
28 × 24	28.000	24.000	24.00	0.375	0.375	0.688	0.688
28 × 20	28.000	20.000	24.00	0.375	0.375	0.688	0.594
28 × 18	28.000	18.000	24.00	0.375	0.375	0.688	0.562



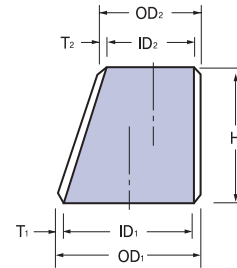
Concentric(I)



Eccentric(I)



Concentric(II)



Eccentric(II)

Unit : inch

X-S		Sch80		Sch160		Nominal Pipe Size
T ₁	T ₂	T ₁	T ₂	T ₁	T ₂	
0.500	0.500	0.844	0.750	1.594	1.406	16 × 14
0.500	0.500	0.844	0.688	1.594	1.312	16 × 12
0.500	0.500	0.844	0.594	1.594	1.125	16 × 10
0.500	0.500	0.844	0.500	1.594	0.906	16 × 8
0.500	0.500	0.938	0.844	1.781	1.594	18 × 16
0.500	0.500	0.938	0.750	1.781	1.406	18 × 14
0.500	0.500	0.938	0.688	1.781	1.312	18 × 12
0.500	0.500	0.938	0.594	1.781	1.125	18 × 10
0.500	0.500	1.031	0.938	1.969	1.781	20 × 18
0.500	0.500	1.031	0.844	1.969	1.594	20 × 16
0.500	0.500	1.031	0.750	1.969	1.406	20 × 14
0.500	0.500	1.031	0.688	1.969	1.312	20 × 12
0.500	0.500	1.125	1.031	2.125	1.969	22 × 20
0.500	0.500	1.125	0.938	2.125	1.781	22 × 18
0.500	0.500	1.125	0.844	2.125	1.594	22 × 16
0.500	0.500	1.125	0.750	2.125	1.406	22 × 14
0.500	0.500	1.219	1.125	2.344	2.125	24 × 22
0.500	0.500	1.219	1.031	2.344	1.969	24 × 20
0.500	0.500	1.219	0.938	2.344	1.781	24 × 18
0.500	0.500	1.219	0.844	2.344	1.594	24 × 16
0.500	0.500	-	-	-	-	26 × 24
0.500	0.500	-	-	-	-	26 × 22
0.500	0.500	-	-	-	-	26 × 20
0.500	0.500	-	-	-	-	26 × 18
0.500	0.500	-	-	-	-	28 × 26
0.500	0.500	-	-	-	-	28 × 24
0.500	0.500	-	-	-	-	28 × 20
0.500	0.500	-	-	-	-	28 × 18