

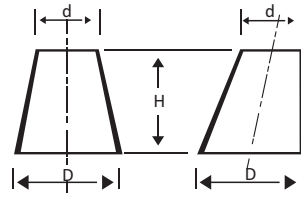
# HEBEI SHENGTIAN PIPE-FITTING GROUP CO.,LTD.

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## PROGRAMA DE FABRICAÇÃO



REDUÇÕES CONCÊNTRICAS E EXCÊNTRICAS

AÇO INOXIDÁVEL AISI - 444,439, 409, 304, 304L, 316, 316L

## REDUÇÕES COM DIÂMETRO EXTERNO "TUBING" DIMENSÕES PARA MASSA H=3. (D-d)

DIÂMETRO NOM. POL.	DIÂMETRO EXTERNO mm		H P/ MASSA mm	ESPESSURA DA PAREDE EM mm					
	D	d							
2 ½ x 2"	63,5	x 50,8	38	*1,5	2,0	2,5	-	-	-
3" x 2"	76,2	x 50,8	76	*1,5	2,0	2,5	-	-	-
3" x 2 ½"	76,2	x 63,5	38	*1,5	2,0	2,5	-	-	-
4" x 2"	101,6	x 50,8	152	*1,5	2,0	2,5	-	-	-
4" x 2 ½"	101,6	x 63,5	114	*1,5	2,0	2,5	-	-	-
4" x 3"	101,6	x 76,2	76	*1,5	2,0	2,5	-	-	-
5" x 2"	127,0	x 50,8	229	1,5	*2,0	2,5	-	-	-
5" x 2 ½"	127,0	x 63,5	190	1,5	*2,0	2,5	-	-	-
5" x 3"	127,0	x 76,2	152	1,5	*2,0	2,5	-	-	-
5" x 4"	127,0	x 101,6	76	1,5	*2,0	2,5	-	-	-
6" x 2 ½"	152,4	x 63,5	266	-	*2,0	2,5	-	-	-
6" x 3"	152,4	x 76,2	229	-	*2,0	2,5	-	-	-
6" x 4"	152,4	x 101,6	152	-	*2,0	2,5	-	-	-
6" x 5"	152,4	x 127,0	76	-	*2,0	2,5	-	-	-
8" x 3"	203,2	x 76,2	381	-	2,0	*2,5	3,0	-	-
8" x 4"	203,2	x 101,6	305	-	2,0	*2,5	3,0	-	-
8" x 5"	203,2	x 127,0	229	-	2,0	*2,5	3,0	-	-
8" x 6"	203,2	x 152,4	152	-	2,0	*2,5	3,0	-	-
10" x 4"	254,0	x 101,6	457	-	*2,0	2,5	*3,0	-	-
10" x 5"	254,0	x 127,0	381	-	*2,0	2,5	*3,0	-	-
10" x 6"	254,0	x 152,4	305	-	*2,0	2,5	*3,0	-	-
10" x 8"	254,0	x 203,2	152	-	*2,0	2,5	*3,0	-	-

CONTINUAÇÃO PRÓXIMA PG

# REDUÇÕES COM DIÂMETRO EXTERNO "TUBING"

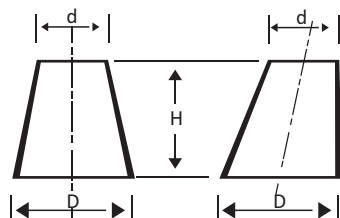
## DIMENSÕES PARA MASSA H=3. (D-d)

### CONTINUAÇÃO

DIÂMETRO NOM. POL.	DIÂMETRO EXTERNO mm		H P/ MASSA mm	ESPESSURA DA PAREDE EM mm					
	D	d							
12" x 5"	305,0	x 127,0	534	-	-	2,5	*3,0	4,0	-
12" x 6"	305,0	x 152,4	458	-	-	2,5	*3,0	4,0	-
12" x 8"	305,0	x 203,2	305	-	-	2,5	*3,0	4,0	-
12" x 10"	305,0	x 254,0	152	-	-	2,5	*3,0	4,0	-
14" x 6"	356,0	x 152,4	610	-	-	2,5	*3,0	4,0	-
14" x 8"	356,0	x 203,2	458	-	-	2,5	*3,0	4,0	-
14" x 10"	356,0	x 254,0	305	-	-	2,5	*3,0	4,0	-
14" x 12"	356,0	x 305,0	152	-	-	2,5	*3,0	4,0	-
16" x 6"	406,4	x 152,4	760	-	-	2,5	*3,0	4,0	-
16" x 8"	406,4	x 203,2	608	-	-	2,5	*3,0	4,0	-
16" x 10"	406,4	x 254,0	458	-	-	2,5	*3,0	4,0	-
16" x 12"	406,4	x 305,0	305	-	-	2,5	*3,0	4,0	-
16" x 14"	406,4	x 356,0	152	-	-	2,5	*3,0	4,0	-
18" x 8"	457,0	x 203,2	761	-	-	2,5	3,0	*4,0	-
18" x 10"	457,0	x 254,0	609	-	-	2,5	3,0	*4,0	-
18" x 12"	457,0	x 305,0	458	-	-	2,5	3,0	*4,0	-
18" x 14"	457,0	x 356,0	305	-	-	2,5	3,0	*4,0	-
18" x 16"	457,0	x 406,0	152	-	-	2,5	3,0	*4,0	-
20" x 8"	508,0	x 203,2	914	-	-	2,5	3,0	*4,0	-
20" x 10"	508,0	x 254,0	762	-	-	2,5	3,0	*4,0	-
20" x 12"	508,0	x 305,0	609	-	-	2,5	3,0	*4,0	-
20" x 14"	508,0	x 356,0	458	-	-	2,5	3,0	*4,0	-
20" x 16"	508,0	x 406,0	305	-	-	2,5	3,0	*4,0	-
20" x 18"	508,0	x 457,0	152	-	-	2,5	3,0	*4,0	-
22" x 10"	558,0	x 254,0	914	-	-	2,5	3,0	*4,0	5,0
22" x 12"	558,0	x 305,0	761	-	-	2,5	3,0	*4,0	5,0
22" x 14"	558,0	x 356,0	608	-	-	2,5	3,0	*4,0	5,0
22" x 16"	558,0	x 406,0	458	-	-	2,5	3,0	*4,0	5,0
22" x 18"	558,0	x 457,0	305	-	-	2,5	3,0	*4,0	5,0
22" x 20"	558,0	x 508,0	152	-	-	2,5	3,0	*4,0	5,0
24" x 10"	610,0	x 254,0	1068	-	-	2,5	3,0	*4,0	5,0
24" x 12"	610,0	x 305,0	915	-	-	2,5	3,0	*4,0	5,0
24" x 14"	610,0	x 356,0	762	-	-	2,5	3,0	*4,0	5,0
24" x 16"	610,0	x 406,0	602	-	-	2,5	3,0	*4,0	5,0
24" x 18"	610,0	x 457,0	458	-	-	2,5	3,0	*4,0	5,0
24" x 20"	610,0	x 508,0	305	-	-	2,5	3,0	*4,0	5,0
28" x 12"	711,0	x 305,0	1218	-	-	2,5	3,0	4,0	*5,0
28" x 14"	711,0	x 356,0	1065	-	-	2,5	3,0	4,0	*5,0
28" x 16"	711,0	x 406,0	915	-	-	2,5	3,0	4,0	*5,0
28" x 18"	711,0	x 457,0	762	-	-	2,5	3,0	4,0	*5,0
28" x 20"	711,0	x 508,0	609	-	-	2,5	3,0	4,0	*5,0
28" x 24"	711,0	x 610,0	303	-	-	2,5	3,0	4,0	*5,0
32" x 14"	813,0	x 356,0	1371	-	-	2,5	3,0	4,0	*5,0
32" x 16"	813,0	x 406,0	1221	-	-	2,5	3,0	4,0	*5,0
32" x 18"	813,0	x 457,0	1068	-	-	2,5	3,0	4,0	*5,0
32" x 20"	813,0	x 508,0	915	-	-	2,5	3,0	4,0	*5,0
32" x 24"	813,0	x 610,0	609	-	-	2,5	3,0	4,0	*5,0
32" x 28"	813,0	x 711,0	306	-	-	2,5	3,0	4,0	*5,0

\* PAREDES NORMALMENTE USADAS EM PAPEL CELULOSE.

### PROGRAMA DE FABRICAÇÃO



REDUÇÕES CONCÊNTRICAS E EXCÊNTRICAS

AÇO INOXIDÁVEL AISI - 444, 439, 409, 304, 304L, 316, 316L

## REDUÇÕES COM DIÂMETRO NOMINAL DIMENSÕES CONFORME MSS SP-43, ASME - B 16.9 e P/MASSA

DIÂMETRO NOM. POL.	DIÂMETRO EXTERNO mm D    d	H P/ MASSA mm	H ANSI-B 16,9 e MSS-SP-43	ESPESSURA DA PAREDE EM mm					SCHEDULE	
									5 S	10 S
2 ½ x 2"	73,0 x 60,3	38	89	*2,0	2,5	-	-	-	2,11	3,05
3" x 2"	88,9 x 60,3	85	89	*2,0	2,5	-	-	-	2,11	3,05
3" x 2 ½"	88,9 x 73,0	48	89	*2,0	2,5	-	-	-	2,11	3,05
4" x 2"	114,3 x 60,3	162	102	*2,0	2,5	-	-	-	2,11	3,05
4" x 2 ½"	114,3 x 73,0	123	102	*2,0	2,5	-	-	-	2,11	3,05
4" x 3"	114,3 x 88,9	76	102	*2,0	2,5	-	-	-	2,11	3,05
5" x 2"	114,3 x 60,3	243	127	*2,0	2,5	-	-	-	2,77	3,40
5" x 2 ½"	141,3 x 73,0	205	127	*2,0	2,5	-	-	-	2,77	3,40
5" x 3"	141,3 x 88,9	157	127	*2,0	2,5	-	-	-	2,77	3,40
5" x 4"	141,3 x 114,3	81	127	*2,0	2,5	-	-	-	2,77	3,40
6" x 2 ½"	168,3 x 73,0	285	140	*2,0	2,5	3,0	-	-	2,77	3,40
6" x 3"	168,3 x 88,9	238	140	*2,0	2,5	3,0	-	-	2,77	3,40
6" x 4"	168,3 x 114,3	162	140	*2,0	2,5	3,0	-	-	2,77	3,40
6" x 5"	168,3 x 141,3	81	140	*2,0	2,5	3,0	-	-	2,77	3,40
8" x 3"	219,1 x 88,9	390	152	2,0	*2,5	3,0	-	-	2,77	3,76
8" x 4"	219,1 x 114,3	314	152	2,0	*2,5	3,0	-	-	2,77	3,76
8" x 5"	219,1 x 141,3	233	152	2,0	*2,5	3,0	-	-	2,77	3,76
8" x 6"	219,1 x 168,3	152	152	2,0	*2,5	3,0	-	-	2,77	3,76
10" x 4"	273,0 x 114,3	476	178	2,0	2,5	*3,0	-	-	3,40	4,19
10" x 5"	273,0 x 141,3	395	178	2,0	2,5	*3,0	-	-	3,40	4,19
10" x 6"	273,0 x 168,3	314	178	2,0	2,5	*3,0	-	-	3,40	4,19
10" x 8"	273,0 x 219,1	162	178	2,0	2,5	*3,0	-	-	3,40	4,19

CONTINUAÇÃO PRÓXIMA PG

# REDUÇÕES COM DIÂMETRO NOMINAL

## DIMENSÕES CONFORME MSS SP-43, ASME - B 16.9 e P/MASSA

### CONTINUAÇÃO

DIÂMETRO NOM. POL.	DIÂMETRO EXTERNO mm D d	H P/ MASSA mm	H ANSI-B 16,9 e MSS-SP-43	ESPESSURA DA PAREDE EM mm					SCHEDULE	
									5 S	10 S
12" x 5"	323,9 x 141,3	547	203	-	2,5	*3,0	4,0	-	3,96	4,57
12" x 6"	323,9 x 168,3	466	203	-	2,5	*3,0	4,0	-	3,96	4,57
12" x 8"	323,9 x 219,1	315	203	-	2,5	*3,0	4,0	-	3,96	4,57
12" x 10"	323,9 x 273,0	152	203	-	2,5	*3,0	4,0	-	3,96	4,57
14" x 6"	355,6 x 168,3	562	330	-	2,5	*3,0	4,0	-	3,96	4,78
14" x 8"	355,6 x 219,1	410	330	-	2,5	*3,0	4,0	-	3,96	4,78
14" x 10"	355,6 x 273,0	249	330	-	2,5	*3,0	4,0	-	3,96	4,78
14" x 12"	355,6 x 323,9	96	330	-	2,5	*3,0	4,0	-	3,96	4,78
16" x 6"	406,4 x 168,3	714	356	-	2,5	3,0	*4,0	-	4,19	4,78
16" x 8"	406,4 x 219,1	562	356	-	2,5	3,0	*4,0	-	4,19	4,78
16" x 10"	406,4 x 273,0	399	356	-	2,5	3,0	*4,0	-	4,19	4,78
16" x 12"	406,4 x 323,9	246	356	-	2,5	3,0	*4,0	-	4,19	4,78
16" x 14"	406,4 x 355,6	152	356	-	2,5	3,0	*4,0	-	4,19	4,78
18" x 8"	457,2 x 219,1	714	381	-	-	3,0	*4,0	-	4,19	4,78
18" x 10"	457,2 x 273,0	552	381	-	-	3,0	*4,0	-	4,19	4,78
18" x 12"	457,2 x 323,9	399	381	-	-	3,0	*4,0	-	4,19	4,78
18" x 14"	457,2 x 355,6	305	381	-	-	3,0	*4,0	-	4,19	4,78
18" x 16"	457,2 x 406,4	152	381	-	-	3,0	*4,0	-	4,19	4,78
20" x 8"	508,0 x 219,1	866	508	-	-	3,0	*4,0	-	4,78	5,54
20" x 10"	508,0 x 273,0	705	508	-	-	3,0	*4,0	-	4,78	5,54
20" x 12"	508,0 x 323,9	552	508	-	-	3,0	*4,0	-	4,78	5,54
20" x 14"	508,0 x 355,6	457	508	-	-	3,0	*4,0	-	4,78	5,54
20" x 16"	508,0 x 406,4	305	508	-	-	3,0	*4,0	-	4,78	5,54
20" x 18"	508,0 x 457,2	152	508	-	-	3,0	*4,0	-	4,78	5,54
22" x 10"	558,8 x 273,0	857	508	-	-	3,0	*4,0	5,0	4,78	5,54
22" x 12"	558,8 x 323,9	705	508	-	-	3,0	*4,0	5,0	4,78	5,54
22" x 14"	558,8 x 355,6	610	508	-	-	3,0	*4,0	5,0	4,78	5,54
22" x 16"	558,8 x 406,4	457	508	-	-	3,0	*4,0	5,0	4,78	5,54
22" x 18"	558,8 x 457,2	305	508	-	-	3,0	*4,0	5,0	4,78	5,54
22" x 20"	558,8 x 508,0	152	508	-	-	3,0	*4,0	5,0	4,78	5,54
24" x 12"	609,6 x 323,9	857	508	-	-	3,0	*4,0	5,0	5,54	6,35
24" x 14"	609,6 x 355,6	762	508	-	-	3,0	*4,0	5,0	5,54	6,35
24" x 16"	609,6 x 406,4	610	508	-	-	3,0	*4,0	5,0	5,54	6,35
24" x 18"	609,6 x 457,2	457	508	-	-	3,0	*4,0	5,0	5,54	6,35
24" x 20"	609,6 x 508,0	305	508	-	-	3,0	*4,0	5,0	5,54	6,35
24" x 22"	609,6 x 558,8	152	508	-	-	3,0	*4,0	5,0	5,54	6,35
28" x 14"	711,2 x 355,6	1066	610	-	-	3,0	4,0	*5,0	6,35	7,92
28" x 16"	711,2 x 406,4	914	610	-	-	3,0	4,0	*5,0	6,35	7,92
28" x 18"	711,2 x 457,2	762	610	-	-	3,0	4,0	*5,0	6,35	7,92
28" x 20"	711,2 x 508,0	610	610	-	-	3,0	4,0	*5,0	6,35	7,92
28" x 22"	711,2 x 558,8	457	610	-	-	3,0	4,0	*5,0	6,35	7,92
28" x 24"	711,2 x 609,6	305	610	-	-	3,0	4,0	*5,0	6,35	7,92
32" x 14"	812,8 x 355,6	1371	610	-	-	-	4,0	*5,0	6,35	7,92
32" x 16"	812,8 x 406,4	1219	610	-	-	-	4,0	*5,0	6,35	7,92
32" x 18"	812,8 x 457,2	1066	610	-	-	-	4,0	*5,0	6,35	7,92
32" x 20"	812,8 x 508,0	914	610	-	-	-	4,0	*5,0	6,35	7,92
32" x 24"	812,8 x 609,6	610	610	-	-	-	4,0	*5,0	6,35	7,92
32" x 28"	812,8 x 711,2	305	610	-	-	-	4,0	*5,0	6,35	7,92

\* PAREDES NORMALMENTE USADAS EM PAPEL CELULOSE.