

## Tolerâncias Dimensões pela ANSI B. 16.9 / B 16.28 / MSS SP-43 / MSS SP-75.

TODAS CONEXÕES						90° / 60° / 45° / 30° CURVAS E TEES			REDUÇÃO			180°			CAPS			TOLERÂNCIA ANGULAR							
DIA NOMINAL	DIA EXTERNO NO BEVEL	DIA INTERNO		ESPESSURA		DIMENSÃO DE CENTRO À CENTRO			OVALIZAÇÃO			DIMENSÃO DE CENTRO À CENTRO						DIA NOMINAL	ÂNGULO	PLANO					
	D			T		A, B, C, M			H			O	K	U	E/EI			Q	P						
1/2" to 2 1/2"	(1) B 16.9 (Note 1,6) MSS SP 75 +1.6	(2) B 16.9 (Note 1,7) MSS SP 75 + -0.8		B 16.9 (Note 7) MSS SP 43 MSS SP 75	MSS SP 43 MSS SP 75	B 16.9 From 1/2"	MSS SP 43 From 1/4"	MSS SP 75 To 16"	B 16.9 From 1/2"	MSS SP 43 From 1/4"	MSS SP 75 To 16"	B 16.9 From 1/2"	MSS SP 43 From 1/2"	MSS SP 75 From 1/2"	B 16.9 From 1/2"	MSS SP 43 From 1/2"	MSS SP 75 From 1/2"	From 1/2"	B 16.9 + -1	MSS SP 75 16" to	B 16.9 + -2	MSS SP 43 16" to			
	-0.8					to 36"	to 8"		to 24"	to 8"	24"	to 8"	to 8"	to 24"	to 24"	to 8"	to 4"	to 4"	to 8"	24"	24"	24"			
		+ -0.79	+ -16			+ -2	+ -1.59		+ -2	+ -1.59	+ -2.4	+ -6	+ -6.35	+ -6	+ -6.35	+ -1.0	+ -0.79	+ -3	+ -3.17	5" to 8"	+ -2	+ -1.6	+ -4	+ -6.4	
																				10" to 12"	+ -2		+ -5		
3" to 4"	+ -1.6			Not Less				from 16"																	
				than				to 24"												14" to 16"	+ -3		+ -6		
5" to 8"	+ -24	+ -1.59	from 18"	Not Less	87,5%	16" to	from 26"	+ -2.4												18" to 24"	+ -4	26" to	+ -10	26" to	
	-1.6	-0.79	to 36"	than	of	24"	to 30"															36"	36"		
10" to 18"	+4	+2.38	+ -3.2	+ -24	87,5%	Nominal 0,25mm	+ -3	from 10"	from 26"		from 26"	from 10"	from 10"		from 10"	from 10"	from 5"	from 16"				+ -2.4	+ -12.7		
	-3	-0.79			of	Thk		to 24"	to 36"		to 36"	to 24"	to 26"		to 24"	to 24"	to 24"	to 24"	26" to 30"	+ -5		+ -10			
					Nominal			+ -2.38	+ -3.2		from 16"	+ -2.4	+ -10	+ -9.53		+ -2.0	+ -1.59	+ -6	+ -6.8			36" to	38" to		
				Thk							to 36"									32" to 42"		48"	48"		
20" to 48"	+6	+3.17	+ -4.8	from 38"		26" to	from 32"	from 38"	from 26"	+ -2.4	38" to							From	From	26"	32" to 42"	+ -5	+ -3.2	+ -13	+ -19"
	-4.8	-0.79	to 48"			36"	to 48"	to 48"	to 48"	48"		OUT OF ROUNDNESS MSS SP 75(3)					26" to	5" to	to						
			+ -32			0,25 mm	+ -5	+ -4.8	+ -5	+ -9.5								48"	24"	48"	44" to 48"	+ -5	+ -19		
												Nominal Pipe Size Inch	At Ends of Flanges	Through out body of Elbows	For MSS SP-75			+ -10	+ -6.35	+ -9.53					
												Elbows		Others											
												16" to 24"	4.8	12	2.5%	+ -3.2									
												26" to 38"		12	2.5%	+ -6.4									
												28" to 48"		12	2.5%	+ -9.4									