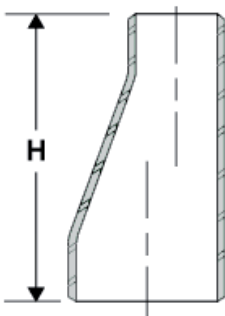
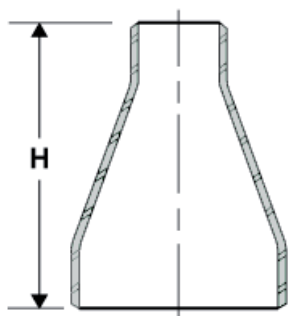


## Concêntricas e Excêntricas

ANSI B16.9

Espessura **Standard** Milímetros / Quilogramas



Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
3/4" x 1/2"	38	0.01
1" x 3/4"	51	0.2
1" x 1/2"	51	0.2
1 1/4" x 1"	51	0.2
1 1/4" x 3/4"	51	0.1
1 1/4" x 1/2"	51	0.1
1 1/2" x 1 1/4"	64	0.3
1 1/2" x 1"	64	0.3
1 1/2" x 3/4"	64	0.2
1 1/2" x 1/2"	64	0.3
2" x 1 1/2"	76	0.4
2" x 1 1/4"	76	0.4
2" x 1"	76	0.4
2" x 3/4"	76	0.3
2 1/2" x 2"	89	0.7
2 1/2" x 1 1/2"	89	0.7
2 1/2" x 1 1/4"	89	0.6
2 1/2" x 1"	89	0.6
3" x 2 1/2"	89	0.5
3" x 2"	89	0.9
3" x 1 1/2"	89	0.9
3" x 1 1/4"	89	0.8
3" x 1"	89	0.8
3 1/2" x 3"	102	1.3
3 1/2" x 2 1/2"	102	1.2
3 1/2" x 2"	102	1.2
3 1/2" x 1 1/2"	102	1.2
3 1/2" x 1 1/4"	102	1.1
4" x 3 1/2"	102	1.6
4" x 3"	102	1.5
4" x 2 1/2"	102	1.5

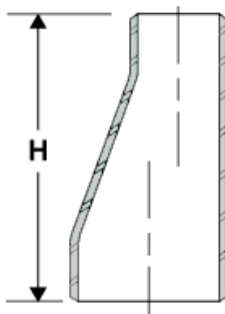
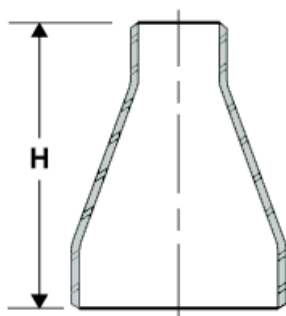


Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
4" x 2"	102	1.4
4" x 1 1/2"	102	1.4
4" x 1 1/4"	102	1.3
5" x 4"	127	2.5
5" x 3 1/2"	127	2.4
5" x 3"	127	2.3
5" x 2 1/2"	127	2.2
5" x 2"	127	2.1
6" x 5"	140	3.4
6" x 4"	140	3.4
6" x 3 1/2"	140	3.2
6" x 3"	140	3.1
6" x 2 1/2"	140	3.0
6" x 2"	140	2.9
8" x 6"	152	5.6
8" x 5"	152	5.2
8" x 4"	152	4.9
8" x 3 1/2"	152	4.8
8" x 3"	152	4.4
10" x 8"	178	10.0
10" x 6"	178	9.4
10" x 5"	178	8.8
10" x 4"	178	8.3
12" x 10"	203	14.7
12" x 8"	203	13.8
12" x 6"	203	13.4
12" x 5"	203	12.6
12" x 4"	203	11.9
14" x 12"	330	28.6
14" x 10"	330	27.9
14" x 8"	330	27.2

## Concêntricas e Excêntricas

ANSI B16.9

Espessura **Standard** Milímetros / Quilogramas



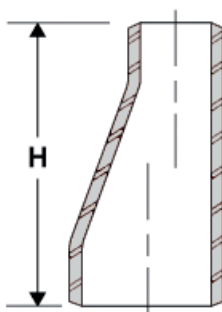
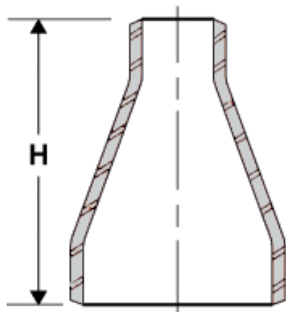
Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
14" x 6"	330	26.9
16" x 14"	356	34.2
16" x 12"	356	33.0
16" x 10"	356	32.3
16" x 8"	356	31.5
16" x 6"	330	30.1
18" x 16"	381	39.5
18" x 14"	381	39.0
18" x 12"	381	38.5
18" x 10"	381	38.0
20" x 18"	508	55.8
20" x 16"	508	54.9
20" x 14"	508	54.0
20" x 12"	508	53.5
20" x 10"	508	53.1
24" x 20"	508	70.8
24" x 18"	508	69.4
24" x 16"	508	68.0
30" x 28"	610	99.8
30" x 26"	610	99.8
30" x 24"	610	99.8
30" x 22"	610	99.8
30" x 20"	610	99.8
30" x 18"	610	90.7
36" x 34"	610	129.3
36" x 32"	610	129.3
36" x 30"	610	129.3
36" x 28"	610	129.3
36" x 26"	610	129.3
36" x 24"	610	129.3
36" x 22"	610	129.3



## Concêntricas e Excêntricas

ANSI B16.9

Espessura **XS** Milímetros / Quilogramas



Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
3/4" x 1/2"	38	0.1
1" x 3/4"	51	0.2
1" x 1/2"	51	0.2
1 1/4" x 1"	51	0.2
1 1/4" x 3/4"	51	0.2
1 1/4" x 1/2"	51	0.2
1 1/2" x 1 1/4"	64	0.3
1 1/2" x 1"	64	0.3
1 1/2" x 3/4"	64	0.3
1 1/2" x 1/2"	64	0.3
2" x 1 1/2"	76	0.4
2" x 1 1/4"	76	0.4
2" x 1"	76	0.4
2" x 3/4"	76	0.3
2 1/2" x 2"	89	0.7
2 1/2" x 1 1/2"	89	0.7
2 1/2" x 1 1/4"	89	0.6
2 1/2" x 1"	89	0.6
3" x 2 1/2"	89	1.0
3" x 2"	89	0.9
3" x 1 1/2"	89	0.9
3" x 1 1/4"	89	0.8
3" x 1"	89	0.8
3 1/2" x 3"	102	1.3
3 1/2" x 2 1/2"	102	1.2
3 1/2" x 2"	102	1.2
3 1/2" x 1 1/2"	102	1.2
3 1/2" x 1 1/4"	102	1.2
4" x 3 1/2"	102	1.1
4" x 3"	102	1.6
4" x 2 1/2"	102	1.5

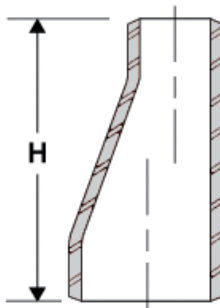
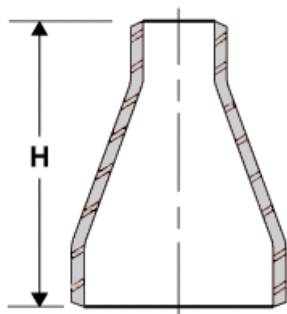


Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
4" x 2"	102	1.5
4" x 1 1/2"	102	1.4
4" x 1 1/4"	102	1.4
5" x 4"	102	1.4
5" x 3 1/2"	102	1.3
5" x 3"	127	2.5
5" x 2 1/2"	127	2.4
5" x 2"	127	2.3
6" x 5"	127	2.2
6" x 4"	127	2.1
6" x 3 1/2"	140	3.4
6" x 3"	140	3.4
6" x 2 1/2"	140	3.2
6" x 2"	140	3.1
8" x 6"	140	3.0
8" x 5"	140	2.9
8" x 4"	152	5.6
8" x 3 1/2"	152	5.2
8" x 3"	152	4.9
10" x 8"	152	4.8
10" x 6"	152	4.4
10" x 5"	178	10.0
10" x 4"	178	9.4
12" x 10"	178	8.8
12" x 8"	178	8.3
12" x 6"	203	14.7
12" x 5"	203	13.8
12" x 4"	203	13.4
14" x 12"	203	12.6
14" x 10"	203	11.9
14" x 8"	330	28.6

## Concêntricas e Excêntricas

ANSI B16.9

Espessura **XS** Milímetros / Quilogramas



Diâmetro Nominal (DN)	Altura (H)	Peso (Kg)
14" x 6"	330	27.8
16" x 14"	330	27.2
16" x 12"	330	26.9
16" x 10"	356	34.2
16" x 8"	356	33.0
16" x 6"	356	32.3
18" x 16"	356	31.4
18" x 14"	356	30.1
18" x 12"	381	39.6
18" x 10"	381	39.0
20" x 18"	381	38.5
20" x 16"	381	38.0
20" x 14"	508	55.8
20" x 12"	508	54.9
20" x 10"	508	54.0
24" x 20"	508	53.5
24" x 18"	508	53.1
24" x 16"	508	70.8
30" x 28"	508	69.4
30" x 26"	508	68.0
30" x 24"	610	220
30" x 22"	610	220
30" x 20"	610	220
30" x 18"	610	220
36" x 34"	610	220
36" x 32"	610	200
36" x 30"	610	285
36" x 28"	610	285
36" x 26"	610	285
36" x 24"	610	285
36" x 22"	610	285

