

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

## APPLICATIONS

Reducer is a connecting piece with a specific radius on both sides used to connect two pipes of different diameters.

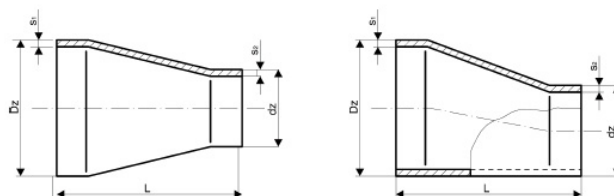
## VARIANTS

Other materials:

- Ferritic
- Austenitic steels

Standards:

- EN 10253-1 Form 1
- EN 10253-1 Form 2



No.	Part	Material
1	Flange	Carbon steel P265GH / A216 Gr. WPB

## Specifications

Standart: DIN 2605-1/Type A

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
DN	d <sub>z</sub>	s	Weight dia. 90B°		
mm			kg		
15	21.3		R=7,5	R=28	R=42.5
			b=28	b=38	b=53
		2	0.03	0.04	0.07
		2.3	0.03	0.05	0.07
		2.6	0.04	0.05	0.08
		2.9	0.04	0.06	0.09
		3.2	0.05	0.07	0.1
		3.6	0.05	0.08	0.12
20	26.9		R=25	R=29	R=57.5
			b=39	b=43	b=71
		2.3	0,06	0.06	0.13
		2.6	0.06	0,07	0.14

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		2.9	0.06	0.08	0.16
		3.2	0,07	0.09	0.17
		3.6	0.07	0.1	0.19
		4	0.08	0.1	0.21
		4.5	0,09	0.11	0.24
25	33.7		R=25	R=38	R=72.5
			b=42	b=56	b=90
		2.6	0,10	0.12	0.23
		2.9	0.11	0.13	0.25
		3.2	0,12	0.15	0.28
		3.6	0.13	0.16	0.31
		4	5714	0.18	0.34
		4.5	0.14	0.2	0.37
		5	0.15	0.21	0.41
32	38		R=32.5	R=45	R=825
			b=52	b=64	b=101
		2.6	0.12	0.16	0.3
		2.9	0.13	0.18	0.33
		3.2	0.14	0.2	0.36
		3.6	0.16	0.22	0.4
		4	0.17	0.24	0.44
	42,4		R=32	R=48	R=92.5
			b=53	b=69	b=114
		2.6	0.15	0.19	0.37
		2.9	0.17	0.21	0.41
		3.2	0.18	0.23	0.45
		3.6	0.21	0.26	0.5
		4	0.23	0.29	0.55
		4.5	3.25	0.32	0.6
		5	0.27	0.35	0.7
40	44.5		R=40	R=51	R=97.5
			b=62	b=73	b=130

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		2.6	0.17	0.22	0.41
		2.9	0.19	0.24	0.46
		3.2	0.21	0.26	0.5
		3.6	0.23	0.29	0.56
		4	0.25	0.32	0,61
	48.3		R=38	R=57	R=107,5
			b=62	b=81	b=132
		2.6	0.2	0.26	0.5
		2.9	0.22	0.29	0.55
		3.2	0.24	0.32	0,60
		3.6	0.27	0.36	0,67
		4	0.29	0.39	0.74
		4.5	0.33	0.44	0.82
		5	0.37	1!M8	0.9
50	57,0		R=525	R=72	R=127.5
			b=81	b=100	b=156
		2.9	0.32	0.44	0.78
		3.2	0.35	0.48	0.85
		3.6	0.39	0.54	0.95
		4	0.43	0.59	1.05
		4.5	0.48	0.66	1.17
		5	0.53	0.73	1.29
		5.6	0.59	0.81	1.42
		6.3	0.65	0.89	1.58
	60.3		R=51	R=76	R=135
			b=81	b=106	b=165
		2.9	0.36	0.49	0,87
		3.2	0.39	0.54	0.96
		3.6	0.44	0,60	1.07
		4	0.48	0.67	1.17
		4.5	0.54	0.74	1.32
		5	0.59	0.82	1.45

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		5.6	0.66	0.9	1.6
		6.3	0.73	1	1.78
		7.1	0.78	1.11	1.9
65	76.1		R=63	R=95	R=175
			b=102	b=133	b=213
		2.9	0.58	0.78	1.44
		3.2	0.64	0.86	1.58
		3.6	0.71	0.96	1.77
		4	0.78	1.06	1.96
		4.5	0.88	1.19	2.19
		5	0.97	1.31	2.41
		5.6	1.07	1.46	2.68
		6.3	1.19	1.62	2.98
		7.1	1.33	1.81	3.32
		8	1.48	2.01	3.7
80	88.9		R=76	R=114	R=205
			b=121	b=159	b=250
		3.2	0.88	1.22	2.18
		3.6	0.96	1.36	2.44
		4	1.09	1.51	2.7
		4.5	1.22	1.69	3.02
		5	1.34	1.86	3.33
		5.6	1.49	2.07	3.71
		6.3	1.67	2.31	4.13
		7.1	1.86	2.58	4.61
		8	2.07	2.87	5.14
		10	2.52	3.5	6.27
100	108		R=100	R=142.5	R=252.5
			b=154	b=196	b=306
		3.6	1.46	2.08	3.68
		4	1.61	2.3	4.07
		4.5	1.81	2.57	4.56

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		5	2	2.85	5.04
		5.6	2.22	3.17	5.61
		6.3		3.54	6.27
		7.1	2.78	3.96	7,01
		8	3.1	4.42	7.83
		10	3.4	3.5	9.59
	114.3		R=102	R=152	R=270
			b=159	b=210	b=327
		3.6	1.62	2.36	4.17
		4	1.8	2.61	4.62
		4.5	2.01	2.92	5.17
		5	2.23	3.23	5.72
		5.6	2.48	3.6	6.37
		6.3	2.77	4.02	7,12
		7.1	3.1	4.5	7.96
		8	3.46	5.03	8.9
		10	4.24	6.16	10.9
125	133		R=125	R=181	R=321.5
			b=192	b=247	b=379
		4	2.5	3.62	6.25
		4.5	2.8	4.06	7,00
		5	3.1	4.49	7.75
		5.6	3.46	5	8.64
		6.3	3.87	5.6	9.66
		7.1	4,33	6.27	10.8
		8	4.84	7.01	12.1
	139.7		R=127	R=190	R=330
			b=197	b=260	b=400
		4	2.79	4.01	6.94
		4.5	3.13	4.49	7,78
		5	3.46	4.97	8.61
		5.6	3.86	5.54	9.6

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		6.3	4,32	6.2	10.8
		7.1	4.83	6.95	12
		8	5.41	7.78	13.5
150	159		R=150	R=216	R=375
			b=230	b=294	b=454
		4.5	4.04	5.82	10.1
		5	4.48	6.45	11.2
		5.6	4.99	7.19	12.5
		6.3	5.59	8.05	14
		7.1	6.27	9.03	15.7
		8	7,02	10,1	17.6
		8.8	7,68	11.1	19.2
		10	8.66	12.5	21.7
		14	-	18	-
150	168.3		R=152	R=229	R=390
			b=237	b=313	b=474
		4.5	4.43	6.53	11.1
		5	4.9	7.23	12.3
		5.6	5.47	8.07	13.8
		6.3	6.13	9.04	15.4
		7.1	6.87	10.1	17.3
		8	7.7	11.4	19.4
		8.8	8.43	12.4	21.2
		10	9.51	14	23.9
200	219.1		R=203	R=305	R=510
			b=313	b=415	b=620
		6.3	10.9	15.8	26.5
		7.1	12.3	17.8	29.7
		8	13.7	20	33.4
		8.8	15.1	21.9	36.6
		10	17	24.7	41.3
		11	18.6	27,0	45.2

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		12.5	21	30.5	51
		16	26.4	38.4	66
250	273.1		R=254	R=381	R=650
			b=391	b=518	b=787
		6.3	16.5	24,8	42.3
		7.1	18.6	27.9	47.5
		8	20.9	31.5	53.4
		8.8	22.9	34.5	58.5
		10	25.9	38.8	66.2
		11	28.4	42.5	72.6
		12.5	32	48.1	82
300	323.9		R=305	R=457	R=775
			b=467	b=619	b=937
		7.1	26.6	39.8	67.5
		8	29.9	44.7	75.9
		8.8	32.8	49,1	83.3
		10,0	37.1	55,6	94,2
		11	40,7	60.9	103
		12.5	46	68,9	117
350	355,6		R=356	R=533	R=850
			b=533	b=711	b=1028
		8	38,2	57,5	91,6
		8.8	42	63.1	101
		10,0	47.5	71.4	114
		11	52.1	78.3	125
		12.5	59	88.6	141
		14.2	66.7	100	160
400	406.4		R=406	R=610	R=970
			b=610	b=813	b=1173
		8	50.1	75.3	120
		8.8	55,1	82.6	132
		10	62.4	93.6	149

# SEAMLESS STEEL BUTEWELD REDUCERS EN10253-2

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		11	68.5	103	163
		12.5	77.5	116	185
		14.2	87,7	131	209
450	457		R=457	R=686	R=1122
			b=606	b=914	b=1351
		8	63.3	95.5	156
		8.8	69.5	105	171
		10,0	78,8	119	194
		11	86,5	130	213
		12.5	98	148	242
		14.2	111	167	274
500	508		R=508	R=762	R=1245
			b=762	b=1016	b=1499
		8	78.2	118	193
		8.8	85.9	130	212
		о о	97,4	147	240
		ТТо	107	161	264
		12.5	121	183	299
		14.2	137	207	338
600	610		R=610	R=914	R=1525
			b=915	b=1219	b=1830
		10	142	209	348
		11	156	230	383
		12.5	176	260	434
		14.2	200	295	491
		16	224	331	552
		17.5	245	361	602
700	711		R=711	R=1067	R=1778
			b=1067	b=1422	b=2133
		10	190	285	475
		11	209	313	521
		12.5	237	355	592



**SEAMLESS STEEL BUTEWELD REDUCERS**  
**EN10253-2**

Материал steel P265GH , A234WPB

Налягане Pressure:

Размер Ø 21.3 - 508.0

Nominal diameter	Outside diameter	Wall thickness	Radius		
			2d	3d	5d
		14.2	268	403	671
		16	302	452	754