أدنوك
ADNOC

WE ARE PRE-QUALIFIED
SUPPLIER BY ADNOC!
Suppliers Code : 20031525

BS4504 Plate Flange

Ramesh Group Corporation	ADNOC Approved	Suppliers Code: 20031525
Email: info@rameshgroup.com **Website:** www.rameshgroup.com	**Phone:** +91-9819806035 **Address:** Mumbai, India.	RSC Ramesh Steel CORPORATION

TABLE OF CONTENTS

BS4504 Plate Flange Specifications 3

Size Range 3

Certificate 3

Testing 3

Manufacturing Methods 4

Price List 5-7

BS4504 PN10 Plate Flange Price List 5

BS4504 PN16 Slip On Flange Price List 6

BS4504 PN16 Blank Flange Price List 7

Bolting Of BS4504 PN25 Flange 7-8

Gasket For BS4504 Welding Plate Flange 9

BS4504 Flange Pressure Rating 10

BS4504 PN16 Flange Dimensions PDF 11

Facings Types Of British Standard 4504 Flange 12

Material Of BS 4504 Pipeline Flange 11

RSC Ramesh Steel CORPORATION

20031525	Ramesh Steel Corporation - RSC	India

Check BS4504 PN10 Flange Specifications For Pipeline Work

BS4504 Plate Flange Specifications

British Standard
BS 4504

Size
DN10-DN2000

Certificate
MTC EN 10204 3.1

Formed
1989

Surface Finish
Serrated Spiral Finish

Gasket
Full Face (FF)

Facing
RF & FF

Bolts Holes Number
4 to 24

Connection Method
Welding Production

BS4504 Material

Stainless Steel

Carbon Steel

Mild Steel

Coating

Anti-Rust Oil

Coal Tar

PE Coating

Manufacturing Methods

Forgings

Bar

Plate

Testing

Tensile Test

Impact Test

PMI Test

Wall Thickness

SCH 10

SCH 40

SCH 60 To SCH 180

Inspection

Hub Diameter

End Thickness

Diameter Of Bolt Circle

Purchase BS4504 Blank Plate Flange For A Reasonable Price, View BS 4504 Slip On Plate Flange Bolting

BS4504 PN10 Plate Flange Price List

- Grade : F316L
- Face : Flat Face

Size	Price In Dirham (AED) Per Unit	Price In US (Dollar) Per Unit
3/4" NB	AED 45.54	US $12.4
1" NB	AED 84.99	US $23.14
1-1/4" NB	AED 143.98	US $39.20
1-1/2 NB	AED 159.00	US $43.29
2" NB	AED 227.76	US $62.01
2-1/2" NB	AED 255.71	US $69.62
3" NB	AED 278.30	US $75.77
4" NB	AED 302.73	US $82.42
6" NB	AED 360.46	US $98.14

BS4504 PN16 Slip On Flange Price List

- Material : Mild Steel
- Face: FF

Types	Price In Dirham (AED) Per Unit	Price In US (Dollar) Per Unit
1/2"	AED 23.51	US $6.4
3/4"	AED 44.59	US $12.14
1"	AED 63.17	US $17.20
1-1/4"	AED 85.54	US $23.29
1-1/2”	AED 117.57	US $32.01

2"	AED 182.25	US $49.62
2-1/2"	AED 204.84	US $55.77
3"	AED 229.27	US $62.42
4"	AED 256.26	US $69.77
5"	AED 280.69	US $76.42
6"	AED 324.69	US $88.4
8"	AED 346.91	US $94.45
10"	AED 411.81	US $112.12
12"	AED 443.11	US $120.64
14"	AED 479.95	US $130.67

BS4504 PN16 Blank Flange Price List

- Material: Mild Steel
- Face: RTJ

Size	Weight (KG)	Price In Dirham (AED) Per Unit	Price In US (Dollar) Per Unit
1/2"	0.8	AED 30.85	US $8.4
3/4"	1.1	AED 56.71	US $15.44
1"	1.4	AED 86.57	US $23.57
1-1/4"	2	AED 107.21	US $29.19
1-1/2"	2.4	AED 144.49	US $39.34
2"	2.9	AED 192.57	US $52.43
2-1/2"	3.6	AED 228.94	US $62.33
3"	4.6	AED 247.85	US $67.48
4"	5.7	AED 270.62	US $73.68

5"	8.1	AED 303.31	US $82.58
6"	10.5	AED 351.32	US $95.65
8"	16.2	AED 380.45	US $103.58
10"	25	AED 457.43	US $124.54
12"	35.1	AED 534.05	US $145.40

Manufacturer Of BS4504 PN25 Flange in India and Check Gasket Of PN10/ PN16 Blind Flange in Grade: F304/ F316

Bolting Of BS4504 PN25 Flange

DN	Size of Bolts	Bolt Circle Diameter	Diameter Of Bolt Hole	Number of Holes
-	MM	MM	MM	-
DN10	M12	60	14	4
DN15	M12	65	14	4
DN25	M12	85	14	4
DN40	M16	110	18	4
DN80	M16	160	18	8
DN100	M16	180	18	8
DN150	M20	240	22	8
DN200	M20	295	22	12
DN300	M24	410	26	12
DN400	M27	525	30	16
DN500	M30	650	33	20
DN600	M33	770	36	20
DN700	M33	840	36	24
DN800	M36	950	39	24
DN900	M36	1050	39	28
DN1000	M39	1170	42	28
DN1400	M45	1590	48	36
DN1600	M52	1820	56	40

Gasket For BS4504 Welding Plate Flange

Gasket	Suitable For	Temperature Range
EDPM	Hydraulic Fluids	-40°C to +120°C
Natural Rubber	Abrasion Resistance	-40°C to +80°C
Neoprene	Weathering Resistance	-20°C to +100°C
Silicone	High and Low Temperatures	-60°C to +220°C

Custom Size BS4504 Welding Plate Flange Supplier in Mumbai, India, Pressure Rating Of BS4504 Slip On Flange PN10/ PN16/ PN25

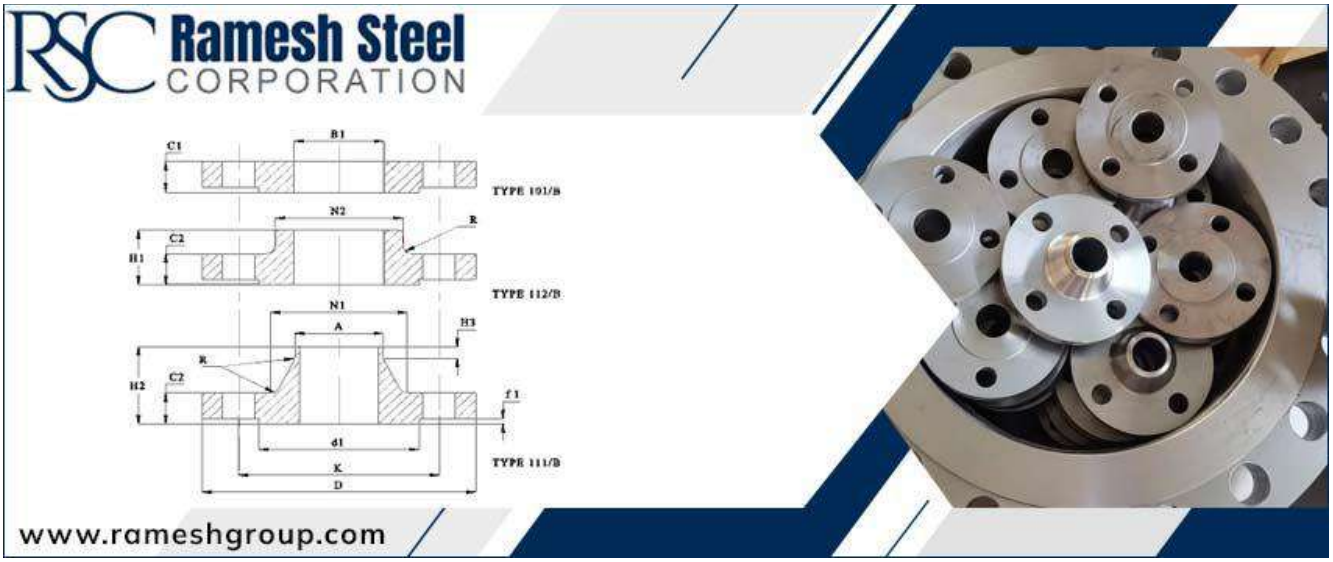
RSC Ramesh Steel CORPORATION

BS4504 Flange Pressure Rating

- PN10
- PN16
- PN25

Learn About BS4504 PN16 Flange Dimensions PDF, and Most Selling Material Of British Standard 4504 Plate RF Flange

BS4504 PN16 Flange Dimensions PDF



DN	D	C1	C2	H1	H2	H3
Nominal Size	Outside Diameter	Thickness of Plate Flange	Thickness of Weld Neck and Boss	Length of Boss Flange	Length of Weld Neck	Length of Neck
10	90	14	14	20	35	6
15	95	14	14	20	35	6
20	105	14	14	24	38	6
25	115	16	16	24	38	6
32	140	18	16	26	40	6
40	150	18	16	26	42	7
50	165	20	18	28	45	8

65	185	20	18	32	45	10
80	200	20	20	34	50	10
100	220	22	20	40	52	12
125	250	22	22	44	55	12
150	285	24	22	44	55	12
200	340	26	24	44	62	16
250	405	29	26	46	70	16
300	460	32	28	46	78	16
350	520	35	30	57	82	16
400	580	38	32	63	85	16
450	640	42	34	68	87	16
500	715	46	34	73	90	16
600	840	52	36	83	95	18
700	910	60	36	83	100	18
800	1025	68	38	90	105	20
900	1125	76	40	94	110	20
1000	1255	84	42	100	120	22
1200	1485	98	48	-	130	30
1400	1685	-	52	-	145	30
1600	1930	-	58	-	160	35

DN	**R**	**A**	**N1**	**N2**	**B1**	**d1**	**f1**
Nominal Size	Corner Radius	Outside Dia of Neck	Dia of Weld Neck	Dia of Boss	Bore of Type 101 & 112	d1	f1
10	3	17,2	28	30	18	40	2
15	3	21,3	32	35	22	45	2
20	4	26,9	39	45	27,5	58	2
25	4	33,7	46	52	34,5	68	2
32	5	42,4	56	60	43,5	78	2
40	5	48,3	64	70	49,5	88	3
50	5	60,3	74	84	61,5	102	3
65	6	76,1	92	104	77,5	122	3
80	6	88,9	110	118	90,5	138	3
100	6	114,3	130	140	116	162	3
125	6	139,7	158	168	141,5	188	3
150	8	168,3	184	195	170,5	212	3
200	8	219,1	234	246	221,5	268	3
250	10	273	288	298	276,5	320	3
300	10	323,9	342	350	327,5	378	4
350	10	355,6	390	400	359	438	4

400	10	406,4	444	456	411,0	490	4
450	12	457,0	490	502	462,0	550	4
500	12	508,0	546	559	513,5	610	4
600	12	610,0	650	658	616,5	725	5
700	12	711,0	750	760	-	795	5
800	12	813,0	848	864	-	900	5
900	12	914,0	948	968	-	1000	5
1000	12	1016,0	1056	1072	-	1115	5
1200	12	1220,0	1260	-	-	1330	5
1400	12	1420,0	1465	-	-	1530	5
1600	12	1620,0	1668	-	-	1750	5

Facings Types Of British Standard 4504 Flange

Facings	Types
Type A	Flat
Type B	Raised Face
Type C	Tongue
Type D	Groove
Type E	Spigot
Type F	Recess
Type G	O-Ring Recess
Type H	0-Ring Groove

Material Of BS 4504 Pipeline Flange

- Stainless Steel
- Carbon Steel
- Mild Steel

Ramesh Steel CORPORATION

www.rameshgroup.com