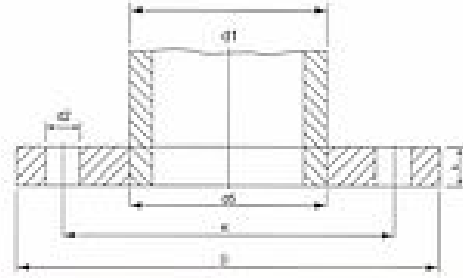


■ DIN 2576,PN 16 FLANGE

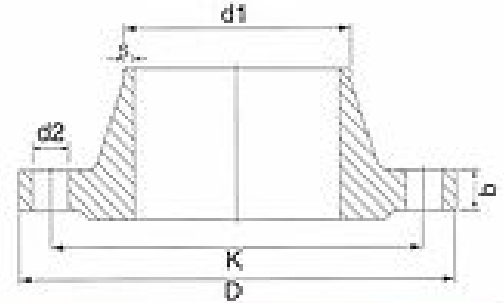
■ TS EN 1092-1 PN 16 DÜZ FLANŞ



DN	d ₁ Reihe 1	d ₁ Reihe 2	D	b	k	d ₂ Reihe 1	d ₂ Reihe 2	d ₃ Schrauben	Weight Reihe 1/2
10	17.2	14.0	90	14	60	17.7	14.5	4×M 12×50mm	0.605 / 0.613
15	21.3	20.0	95	14	65	22.0	21.0	4×M 12×50mm	0.669 / 0.675
20	26.9	25.0	105	16	75	27.6	26.0	4×M 12×55mm	0.936 / 0.749
25	33.7	30.0	115	16	85	34.4	31.0	4×M 12×55mm	1.110 / 1.140
32	42.4	38.0	140	16	100	43.1	39.0	4×M 16×55mm	1.620 / 1.660
40	48.3	44.5	150	16	110	49.0	45.5	4×M 16×55mm	1.860 / 1.890
50	60.3	57.0	165	18	125	61.1	58.1	4×M 16×60mm	2.470 / 2.510
65	76.1	-	185	18	145	77.1	-	4×M 16×60mm	3.000
80	88.9	-	200	20	160	90.3	-	8×M 16×65mm	3.790
100	114.3	108.0	220	20	180	115.9	109.6	8×M 16×65mm	4.030 / 4.200
125	139.7	133.0	250	22	210	141.6	134.8	8×M 16×70mm	5.460 / 5.710
150	168.3	159.0	285	22	240	170.5	161.1	8×M 20×70mm	6.570 / 6.720
200	219.1	-	340	24	295	221.8	-	8×M 20×75mm	9.310
250	273.0	267.0	395	26	330	276.2	270.2	12×M 20×80mm	11.90 / 12.50
300	323.9	-	445	26	400	327.6	-	12×M 20×80mm	13.80
350	355.6	368.0	505	28	460	399.7	372.2	16×M 20×85mm	20.60 / 19.00
400	406.4	419.0	565	32	515	411.0	423.7	16×M 24×95mm	27.90 / 25.90

■ DIN 2633,PN 16 WELDING NECK FLANGE

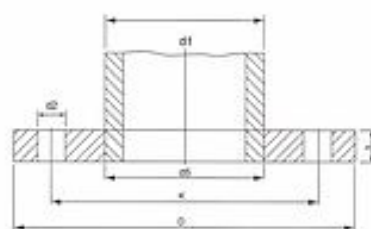
■ DIN 2633, PN 16 KAYNAK BOYUNLU FLANŞ



DN	d ₁ Reihe 1	d ₂ Reihe 2	D	b	k	s	d ₃ Schrauben	Weight
10	17.2	14.0	90	14	60	1.8	4×M 12×50mm	0.580
15	21.3	20.0	95	14	65	2.0	4×M 12×50mm	0.648
20	26.9	25.0	105	16	75	2.3	4×M 12×55mm	0.952
25	33.7	30.0	115	16	85	2.6	4×M 12×55mm	1.140
32	42.4	38.0	140	16	100	2.6	4×M 16×55mm	1.690
40	48.3	44.5	150	16	110	2.6	4×M 16×55mm	1.860
50	60.3	57.0	165	18	125	2.9	4×M 16×60mm	2.530
65	76.1	-	185	18	145	2.9	4×M 16×60mm	3.060
80	88.9	-	200	20	160	3.2	8×M 16×65mm	3.700
100	114.3	108.0	220	20	180	3.6	8×M 16×65mm	4.620
125	139.7	133.0	250	22	210	4.0	8×M 16×70mm	6.300
150	168.3	159.0	285	22	240	4.5	8×M 20×70mm	7.750
200	219.1	-	340	24	295	5.9	12×M 20×75mm	11.00
250	273.0	267.0	405	26	355	6.3	12×M 24×80mm	15.60
300	323.9	-	460	28	410	7.1	12×M 24×85mm	22.00
350	355.6	368.0	520	30	470	8.0	16×M 24×90mm	31.2/28.8
400	406.4	419.0	580	32	525	8.0	16×M 27×95mm	39.3/36.3

■ DIN 2576, PN 40 FLAT FLANGE

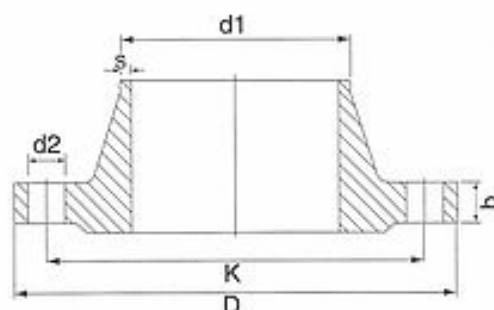
■ DIN 2576, PN 40 DÜZ FLANŞ



DN	D	b	k	d ₂	Weight
10	90	16	60	4×M 12×55mm	0.50
15	95	16	65	4×M 12×55mm	0.67
20	105	18	75	4×M 12×60mm	0.94
25	115	18	85	4×M 12×60mm	1.11
32	140	18	100	4×M 16×60mm	1.62
40	150	18	110	4×M 16×60mm	1.86
50	165	20	125	4×M 16×65mm	2.47
65	185	22	145	8×M 16×70mm	3.00
80	200	24	160	8×M 16×75mm	3.79
100	235	24	190	8×M 20×75mm	4.03
125	270	26	220	8×M 24×80mm	5.46
150	300	28	250	8×M 24×85mm	6.57
200	375	34	320	12×M 27×100mm	9.10
250	450	38	385	12×M 30×110mm	11.40
300	515	42	450	16×M 30×120mm	13.80
350	580	46	510	16×M 33×130mm	19.00
400	660	50	585	16×M 36×140mm	25.50

■ DIN 2635, PN 40 WELDING NECK FLANGE

■ DIN 2635, PN 40 KAYNAK BOYUNLU FLANŞ



DN	d ₁ Reihe 1	d ₂ Reihe 2	D	b	k	s	d ₂ Schrauben	Weight
10	17.2	14.0	90	16	60	1.8	4×M 12×50mm	0.661
15	21.3	20.0	95	16	65	2.0	4×M 12×50mm	0.746
20	26.9	25.0	105	18	75	2.3	4×M 12×55mm	1.06
25	33.7	30.0	115	18	85	2.6	4×M 12×55mm	1.29
32	42.4	38.0	140	18	100	2.6	4×M 16×55mm	1.88
40	48.3	44.5	150	18	110	2.6	4×M 16×55mm	2.33
50	60.3	57.0	165	20	125	2.9	4×M 16×60mm	2.83
65	76.1	-	185	22	145	2.9	4×M 16×60mm	3.74
80	88.9	-	200	24	160	3.2	8×M 16×65mm	4.75
100	114.3	108.0	220	24	180	3.6	8×M 16×65mm	6.52
125	139.7	133.0	250	26	210	4.0	8×M 16×70mm	9.07
150	168.3	159.0	285	28	240	4.5	8×M 20×70mm	11.80
200	219.1	-	340	34	295	5.9	12×M 20×75mm	21.50
250	273.0	267.0	405	38	355	6.3	12×M 24×80mm	34.90
300	323.9	-	460	42	410	7.1	12×M 24×85mm	49.70
350	355.6	368.0	520	46	470	8.0	16×M 24×90mm	68.10
400	406.4	419.0	580	50	525	8.0	16×M 27×95mm	96.50

- DIN 2527, PN 10 BLIND FLANGE
- DIN 2527, PN 10 KÖR FLANŞ



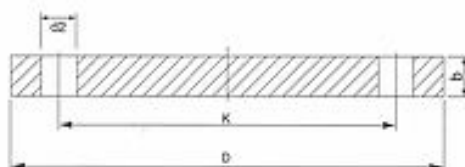
DN	D	b	k	d ₂	Weight
10-175	Blindflansche nach DIN 2527, PN16 verwenden				
200	340	24	295	8×M 20×75mm	16.50
250	395	26	350	12×M 20×80mm	24.00
300	445	26	400	12×M 20×80mm	30.90
350	505	26	460	16×M 20×80mm	40.60
400	565	26	515	16×M 24×80mm	49.40

- DIN 2527, PN 16 BLIND FLANGE
- DIN 2527, PN 16 KÖR FLANŞ



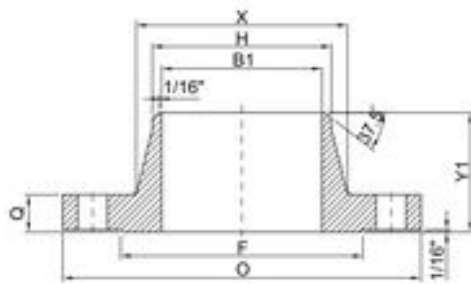
DN	D	b	k	d ₂	Weight
10	90	14	60	4×M 12×50mm	0.630
15	95	14	65	4×M 12×50mm	0.720
20	105	16	75	4×M 12×55mm	1.010
25	115	16	85	4×M 12×55mm	1.230
32	140	16	100	4×M 16×55mm	1.800
40	150	16	110	4×M 16×55mm	2.090
50	165	18	125	4×M 16×60mm	2.880
65	185	18	145	4×M 16×60mm	3.660
80	200	20	160	8×M 16×65mm	4.770
100	220	20	180	8×M 16×65mm	5.650
125	250	22	210	8×M 16×70mm	8.420
150	285	22	240	8×M 20×70mm	10.40
200	340	24	295	12×M 20×75mm	16.10
250	405	26	355	12×M 24×80mm	24.90
300	460	28	410	12×M 24×85mm	35.10
350	520	30	470	16×M 24×90mm	47.80
400	580	32	525	16×M 27×95mm	63.50

- DIN 2527, PN 40 BLIND FLANGE
- DIN 2527, PN 40 KÖR FLANŞ

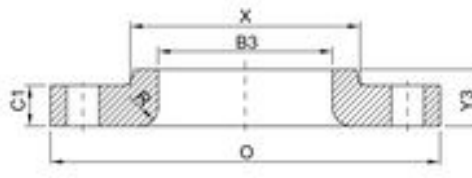


DN	D	b	k	d ₂	Weight
10	90	16	60	4×M 12×55mm	0.720
15	95	16	65	4×M 12×55mm	0.810
20	105	18	75	4×M 12×60mm	1.240
25	115	18	85	4×M 12×60mm	1.380
32	140	18	100	4×M 16×60mm	2.030
40	150	18	110	4×M 16×60mm	2.350
50	165	20	125	4×M 16×65mm	3.200
65	185	22	145	8×M 16×70mm	4.290
80	200	24	160	8×M 16×75mm	5.880
100	235	24	190	8×M 20×75mm	7.540
125	270	26	220	8×M 24×80mm	10.80
150	300	28	250	8×M 24×85mm	14.50
200	375	34	320	12×M 27×100mm	27.20
250	450	38	385	12×M 30×110mm	43.80
300	515	42	450	16×M 30×120mm	63.30
350	580	46	510	16×M 33×130mm	89.50
400	660	50	585	16×M 36×140mm	127.0

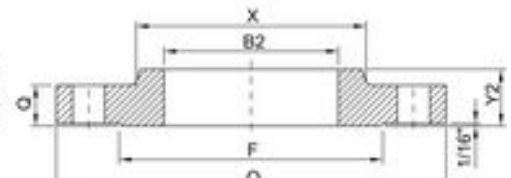
■ 150 LB ANSI B16.5 FLANŞLAR
■ CLAS 150 ANSI B16.5 FLANGES



KAYNAK BOYUNLU/WELDING NECK



LAP-JOINT



SLIP-ON

Kaynak Boyunlu/Welding Neck				Lap Joint			Slip-on				
Boru Çapı/ Nominal Pipe Size	Dış Çap/ Outside Diameter (mm)	Kalınlık/ Thickness (mm)	Kalınlık/ Thickness of Lap Joint (mm)	Fatura Çapı/ Raised Face Diameter	Dönüş Açısı/ Corner Radius of Bore of Lap Joint	Boğaz Çapı/Bore			Boyun Uzunluğu/Length thru hub		
						Kaynak Boyunlu/ Soket Kaynaklı- Welding Neck/Socket Welding	Slip-On/ Soket Kaynaklı- Slip-On/ Socket Welding	Lap Joint	Kaynak Boyunlu/ Welding Neck	Slip-On/ Soket Kaynaklı- Slip-On/ Threaded/ Socket Welding	Lap Joint
	O	Q	C1	F	R	B1	B2	B3	Y1	Y2	Y3
1/2	90	9.6	11.2	34.9	3.0	15.8	22.2	22.9	46.0	14.0	16.0
3/4	100	11.2	12.7	42.9	3.0	20.9	27.7	28.2	51.0	14.0	16.0
1	110	12.7	14.3	50.8	3.0	26.6	34.5	34.9	54.0	16.0	17.0
1 1/4	115	14.3	15.9	63.5	5.0	35.1	43.2	43.7	56.0	19.0	21.0
1 1/2	125	15.9	17.5	73.0	6.0	40.9	49.5	50.0	60.0	21.0	22.0
2	150	17.5	19.1	92.1	8.0	52.5	61.9	62.5	62.0	24.0	25.0
2 1/2	180	20.7	22.3	104.8	8.0	62.7	74.6	75.4	68.0	27.0	29.0
3	190	22.3	23.9	127.0	10.0	77.9	90.7	91.4	68.0	29.0	30.0
4	230	22.3	23.9	157.2	11.0	102.3	116.1	116.8	75.0	32.0	33.0
5	255	22.3	23.9	185.7	11.0	128.2	143.8	144.4	87.0	35.0	36.0
6	280	23.9	25.4	215.9	13.0	154.1	170.7	171.4	87.0	38.0	40.0
8	345	27.0	28.6	269.9	13.0	202.7	221.5	222.2	100.0	43.0	44.0
10	405	28.6	30.2	323.8	13.0	254.6	276.2	277.4	100.0	48.0	49.0
12	485	30.2	31.8	381.0	13.0	304.8	327.0	328.2	113.0	54.0	56.0
14	535	33.4	35.0	412.8	13.0		359.2	360.2	125.0	56.0	79.0
16	595	35.0	36.6	469.9	13.0		410.5	411.2	125.0	62.0	87.0
18	635	38.1	39.7	533.4	13.0		461.8	462.3	138.0	67.0	97.0
20	700	41.3	42.9	584.2	13.0		513.1	514.4	143.0	71.0	103.0
24	815	46.1	47.7	692.2	13.0		616.0	616.0	151.0	81.0	111.0