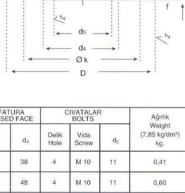


► DÜZ FLANŞ / FLAT FLANGE
• TS ISO 7005-1
• PN 6



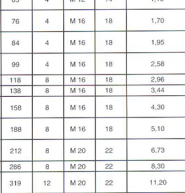
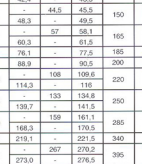
40	48.3	-	45.5	130	16	100	2	78	4	M 12	14	1,39
		-	49.5									
50		57	58.1	140	16	110	2	88	4	M 12	14	1,53
	60.3	-	61.5									
65	76.1	-	77.5	160	16	130	2	108	4	M 16	18	1,78
80	88.9	-	90.5	190	18	150	2	124	4	M 16	18	2,86
100		108	109.6									
	114.3	-	116	210	18	170	2	144	4	M 16	18	3,02
125		133	134.8	240	20	200	2	174	8	M 16	18	4,12
	139.7	-	141.5									
150		159	161.1	265	20	225	2	199	8	M 16	18	4,76
	168.3	-	170.5									
200	219.1	-	221.5	320	22	280	2	254	8	M 16	18	6,65
		267	270.2									
250		273.0	276.5	375	24	335	2	309	12	M 16	18	8,80
300	323.9	-	327.5	440	24	395	2	363	12	M 20	22	11,53
	355.6	-	359.5									
350		368	372.2	490	26	445	2	413	12	M 20	22	15,10
	406.4	-	411									
400		419	423.7	540	28	485	2	463	16	M 20	22	18,40
450	457.0	-	462	595	30	550	2	518	16	M 20	22	23,78
500	508.0	-	513.5	645	32	600	2	568	20	M 24	26	26,40
600	610.0	-	616.5	755	36	705	2	667	20	M 24	26	37,10

► **DÜZ FLANŞ / FLAT FLANGE**

- TS ISO 7005 - 1
- PN 10

The technical drawing shows a cross-section of a flat flange. It is a circular plate with a central hole of diameter d_1 and an outer diameter of d_2 . The thickness of the flange is denoted by z . The drawing includes hatching to indicate the material and dimension lines with arrows pointing to the respective features.

► DÜZ FLANŞ / FLAT FLANGE
• TS ISO 7005-1
• PN 10



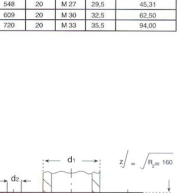
400	-	419	427	565	32	515	2	580	16	M 24	26	26,40
450	457,0	-	462	615	35	565	2	530	20	M 24	26	31,92
500	508,0	-	513,5	670	38	620	2	582	20	M 24	26	38,85
600	610,0	-	616,5	780	42	725	2	682	20	M 27	29,5	52,74

► DÜZ FLANŞ / FLAT FLANGE

- TS ISO 7005-1
- PN 16

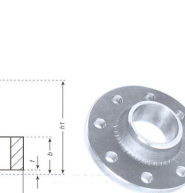
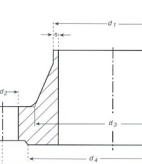
Anma Boyutu DN	BORU / PIPE		FLANŞ / FLANGE					FATURA RAISED FACE		CIVATALAR BOLTS			Ağırlık Weight (7,85 kg/dm³) kg
	d1	d2	D	b	k	f	d4	Delik Hole	Vida Screw	d2			
15	Sıra 1	Sıra 2											
	21,3	22	95	14	65	2	46	4	M 12	14	0,60		
20	26,9	27,5	105	16	75	2	56	4	M 12	14	0,90		
25	33,7	34,5	115	16	85	2	65	4	M 12	14	1,10		
32	42,4	43,5	140	18	100	2	76	4	M 16	18	1,70		
40	44,5	45,5	160	18	110	2	84	4	M 16	18	1,95		
50	57,0	58,0	190	20	125	2	96	4	M 16	18	2,58		
65	76,0	77,0	220	22	145	2	110	8	M 16	18	2,96		
80	90,0	91,0	260	24	170	2	124	8	M 20	22	3,44		
100	108,0	109,0	300	26	200	2	144	8	M 20	22	4,30		
125	133,0	134,0	360	28	240	2	174	12	M 20	22	5,10		
150	159,0	160,0	420	30	280	2	199	12	M 24	26	6,73		
200	219,0	220,0	510	32	335	2	254	12	M 24	26	8,30		
250	267,0	268,0	610	36	385	2	309	16	M 24	26	11,20		
300	323,0	324,0	720	40	445	2	363	16	M 24	26	12,80		
350	356,0	357,0	840	44	485	2	413	16	M 24	26	15,10		
400	406,0	407,0	975	48	530	2	463	16	M 24	26	17,40		
450	457,0	458,0	1115	52	565	2	518	16	M 24	26	20,00		
500	508,0	509,0	1275	56	600	2	568	20	M 24	26	22,80		
600	610,0	611,0	1545	60	670	2	667	20	M 27	29,5	29,50		
700	720,0	721,0	1825	64	725	2	767	20	M 27	29,5	33,00		
800	780,0	781,0	2125	68	780	2	867	20	M 27	29,5	37,00		
900	840,0	841,0	2440	72	845	2	967	20	M 27	29,5	41,00		
1000	900,0	901,0	2775	76	900	2	1067	20	M 27	29,5	45,00		

► DÜZ FLANŞ / FLAT FLANGE
• TS ISO 7005-1
• PN 16



BORU / PIPE		FLANŞ / FLANGE					FATURA RAISED FACE		CIVATALAR BOLTS			Ağırlık Weight (7.85 kg/dm³) kg
Anma Boyutu DN	d1		D	b	k	f	d4	Delik Hole	Vida Screw	d5		
	Sıra 1	Sıra 2										
15	21,3	20	95	14	65	2	48	4	M 12	14	0,60	
20	26,9	25	105	16	75	2	56	4	M 12	14	0,90	
25	33,7	30	115	16	85	2	65	4	M 12	14	1,10	
32	42,4	38	140	18	100	2	76	4	M 16	18	1,70	
40	48,3	44,5	150	18	110	2	84	4	M 16	18	1,95	
50	60,3	57	165	20	125	2	99	4	M 16	18	2,58	
65	76,1	77,5	185	22	145	2	118	8	M 16	18	3,30	
80	88,9	90,5	200	24	160	2	132	8	M 16	18	4,00	
100	114,3	108	235	26	190	2	156	8	M 20	22	5,87	
125	139,7	133	270	28	220	2	184	8	M 24	26	8,10	
150	168,3	159	300	30	250	2	211	8	M 24	26	10,05	
200	219,1	183	375	36	320	2	284	12	M 27	29,5	17,50	
250	273,0	267	450	42	385	2	345	12	M 30	32,5	28,50	
300	323,9	323,5	515	48	450	2	409	16	M 30	32,5	45,58	
350	356,6	356,5	580	55	510	2	465	16	M 33	35,5	62,16	
400	406,4	398	650	60	585	2	535	16	M 36	39	88,05	
450	457,0	419	725	65	660	2	600	20	M 36	39	91,76	
500	508,0	462	800	72	740	2	675	20	M 39	42	116,16	
600	610,0	515,5	940	84	795	2	795	20	M 45	48	176,16	

► DÜZ FLANŞ / FLAT FLANGE
• TS ISO 7005-1
• PN 40



BORU PIPE		FLANŞ FLANGE					BOYUN NECK				ALIN ÇIKINTIS RAISED FACE		CIVATALAR BOLTS			Ağırlık Weight (7,85 kg/dm ³) kg
d	d ₁	D	b	k	h ₁	d ₂	s	r	h ₂	d ₃	f	Sayısı	Vida	d ₄		
10	17,2	90	16	60	35	25	1,8	4	6	40	2	4	M 12	14		
15	20	95	16	65	38	30	2	4	6	45	2	4	M 12	14	0,61	
20	25	105	18	75	40	38	2,3	4	6	58	2	4	M 12	14	0,72	
25	30	115	18	85	40	42	2,6	4	6	68	2	4	M 12	14	0,96	
32	38	140	18	100	42	56	2,6	6	6	78	2	4	M 16	18	1,06	
40	45	150	18	110	45	64	2,6	6	7	88	3	4	M 16	18	1,88	
50	57	165	20	125	48	72	2,9	6	8	102	3	4	M 16	18	2,33	
65	76	185	22	145	52	90	2,9	6	10	122	3	8	M 16	18	2,82	
80	95	200	24	160	58	105	3,2	8	12	138	3	8	M 16	18	3,74	
100	114	235	24	190	65	134	3,6	8	12	162	3	8	M 20	22	4,75	
125	133	270	26	220	68	155	4	8	12	188	3	8	M 24	26	6,06	
150	159	300	28	250	75	182	4,5	10	12	218	3	8	M 24	26	9,07	
175	191	350	32	295	82	215	5,6	10	15	260	3	12	M 27	30	11,8	
200	219	375	34	320	88	240	6,3	10	16	285	3	12	M 27	30	18,2	
250	267	450	38	385	105	298	7,1	12	18	345	3	12	M 30	33	21,5	
300	318	515	42	450	115	352	8	12	18	410	4	16	M 30	33	34,8	
350	356	580	46	510	125	408	8,8	12	20	465	4	16	M 33	36	49,7	
400	406	640	50	585	135	462	11	12	20	535	4	16	M 36	39	66,1	
450	458	700	54	640	145	518	12	20	20	615	4	20	M 39	42	96,5	
500	508	755	52	670	140	562	14,2	12	20	615	4	20	M 39	42	117	