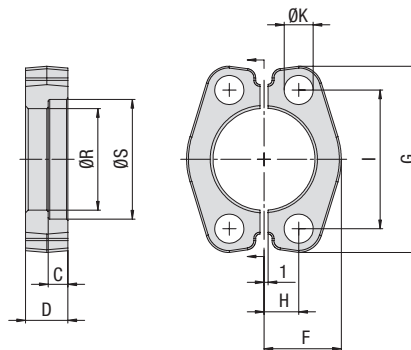


SAE Split Flange Halves (Flat Style) Type DB-FL ▪ 3000 / 6000 PSI Series



3000 PSI Standard Pressure Series (according to ISO 6162-1:2012)

Nominal Size		PN ¹ (^{bar} /PSI)	Dimensions (^{mm} / _{in})										Weight (^{kg} / _{lbs}) ca. per 100	for Bolts		Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	F	G	H	I	ØK ²		Metric	UNC		
13	1/2	350	24,3	31	6,2	13	22,8	54	8,75	38,1	8,7	10,6	M8x25	5/16–18 UNC x 1-1/4	DB-FL-301-W66	
		5075	.96	1.22	.24	.51	.90	2.13	.34	1.50	.34	23.32				
19	3/4	350	32,2	38,9	6,2	14	25,9	65	11,15	47,6	10,5	15,1	M10x30	3/8–16 UNC x 1-1/4	DB-FL-302-W66	
		5075	1.27	1.53	.24	.55	1.02	2.56	.44	1.87	.41	33.13				
25	1	345	38,5	45,3	7,5	16	29,2	70	13,1	52,4	10,5	19,0	M10x30	3/8–16 UNC x 1-1/4	DB-FL-303-W66	
		5003	1.52	1.78	.30	.63	1.15	2.76	.52	2.06	.41	41.80				
32	1-1/4	280	43,7	51,6	7,5	14	36,6	79	15,1	58,7	10,5	25,4	M10x35		DB-FL-304-M-W66	
		4061	1.72	2.03	.30	.55	1.44	3.11	.59	2.31	.41	55.88				
38	1-1/2	210	50,8	61,6	7,5	16	41,1	94	17,85	69,9	13,5	40,3	M12x35	1/2–13 UNC x 1-1/2	DB-FL-305-W66	
		3045	2.00	2.43	.30	.63	1.62	3.70	.70	2.75	.53	88.66				
51	2	210	62,8	72,3	9	16	48,2	102	21,45	77,8	13,5	45,4	M12x35	1/2–13 UNC x 1-1/2	DB-FL-306-W66	
		3045	2.47	2.85	.35	.63	1.90	4.02	.84	3.06	.53	99.81				
64	2-1/2	175	74,9	84,9	9	19	53	115	25,4	88,9	13,5	63,4	M12x40	1/2–13 UNC x 1-1/2	DB-FL-307-W66	
		2538	2.95	3.34	.35	.75	2.09	4.53	1.00	3.50	.53	139.48				
76	3	160	90,9	102,4	9	22	64,3	135	30,95	106,4	17	103,6	M16x50	5/8–11 UNC x 2	DB-FL-308-W66	
		1450	3.58	4.03	.35	.87	2.53	5.31	1.22	4.19	.67	227.92				

6000 PSI High Pressure Series (according to ISO 6162-2:2012)

500 bar / 7251 PSI

Nominal Size		PN ¹ (^{bar} /PSI)	Dimensions (^{mm} / _{in})										Weight (^{kg} /lbs) ca.	for Bolts		Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	F	G	H	I	ØK ²	per 100	Metric	UNC		
13	1/2	500	24,6	32,5	7,2	16	23,6	56	9,1	40,5	8,7	15,1	M8x30	5/16–18 UNC x 1-1/4	DB-FL-601-W66	
		7251	.97	1.28	.28	.63	.93	2.20	.36	1.59	.34	33.18				
19	3/4	500	32,5	42	8,2	20	30,0	71	11,9	50,8	10,5	30,8	M10x35	3/8–16 UNC x 1-1/2	DB-FL-602-W66	
		7251	1.28	1.65	.32	.79	1.18	2.80	.47	2.00	.41	67.76				
25	1	500	38,8	48,4	9	25	34,8	81	13,9	57,2	13	52,2	M12x45		DB-FL-603-M-W66	
		7251	1.53	1.91	.35	.98	1.37	3.19	.55	2.25	.51	114.84				
32	1-1/4	500	44,5	54,8	9,8	27	38,6	95	15,9	66,6	15	69,5	M14x45		DB-FL-604-M14-W66	
		7251	1.75	2.16	.39	1.06	1.52	3.74	.63	2.62	.59	152.90				
38	1-1/2	500	51,6	64,3	12	30	47,5	113	18,25	79,3	17	116,8	M16x55	5/8–11 UNC x 2-1/4	DB-FL-605-W66	
		7251	2.03	2.53	.47	1.18	1.87	4.45	.72	3.12	.67	256.96				
51	2	500	67,6	80,2	12	37	56,9	133	22,25	96,8	21	184,7	M20x70	3/4–10 UNC x 2-3/4	DB-FL-606-W66	
		7251	2.66	3.16	.47	1.46	2.24	5.24	.88	3.81	.83	406.34				
64	2-1/2	500	89,5	108,5	20	48	75	166	29,35	123,8	25	281,4	M24x80		DB-FL-607-M-W66 ³	
		7251	3.52	4.27	.79	1.89	2.95	6.54	1.16	4.87	.98	619.08				
76	3	500	114,5	132,5	25	58	89	210	35,7	152,4	32	462,1	M30x90		DB-FL-608-M-W66 ³	
		7251	4.51	5.22	.98	2.28	3.50	8.27	1.41	6.00	1.26	1016.62				

Materials / Ordering Options / Examples

* Pair of SAE Split Flange Halves (Flat Style) made of Steel C55 or equivalent, zinc-plated and thick-film-passivated

DB-FL-...-W66

* Kit including Metric bolts 10.9, spring rings, O-ring made of NBR (Buna-N®)

DB-FL-...-M-B-W129-K

* Kit including Metric bolts 10.9, spring rings, O-ring made of FKM (Viton®)

DB-FL-...-M-V-W129-K

* Kit including UNC bolts (Grade 8), spring rings, O-ring made of NBR (Buna-N®)

DB-FL-...-U-B-W129-K

¹ The maximum working pressure PN (bar/PSI) applies only to the flange itself and depends on the bolts used (Grade 10.9). The actual maximum working pressure depends on the thickness and the quality of the tube used.

² Dimensions of screw holes in part different to the ISO to match both Metric and UNC bolts.

³ Made of steel C45 or equivalent, zinc-plated and thick-film-passivated.