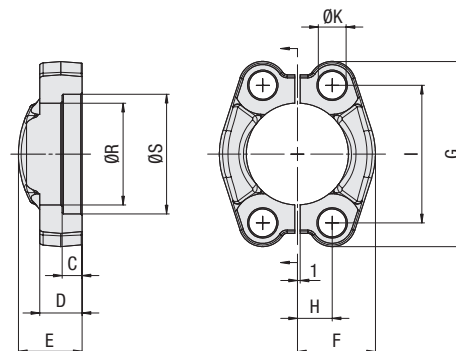


SAE Split Flange Halves Type DB ▪ 3000 PSI Series



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

Nominal Size		PN ¹ (bar/PSI)	Dimensions (mm/in)										Weight (kg/lbs) ca.	for Bolts		Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	E	F	G	H	I	ØK ²	per 100	Metric	UNC	
13	1/2	350	24,3	31	6,2	13	19	22,8	54	8,75	38,1	8,7	13,20	M8x25	5/16-18 UNC x 1-1/4	DB-301-W66
		5075	.96	1.22	.24	.51	.75	.90	2.13	.34	1.50	.34	29.04			
19	3/4	350	32,2	38,9	6,2	14	22	25,9	65	11,15	47,6	10,5	17,00	M10x30	3/8-16 UNC x 1-1/4	DB-302-W66
		5075	1.27	1.53	.24	.55	.87	1.02	2.56	.44	1.87	.41	37.40			
25	1	345	38,5	45,3	7,5	16	24	29,2	70	13,1	52,4	10,5	22,00	M10x30	3/8-16 UNC x 1-1/4	DB-303-W66
		5003	1.52	1.78	.30	.63	.94	1.15	2.76	.52	2.06	.41	48.40			
32	1-1/4	280	43,7	51,6	7,5	14	22	36,3	79,5	15,1	58,7	12	30,00		7/16-14 UNC x 1-1/2	DB-304-U-W66
		4061	1.72	2.03	.30	.55	.87	1.43	3.13	.59	2.31	.47	66.00			
32	1-1/4	280	43,7	51,6	7,5	14	22	36,3	79,5	15,1	58,7	12,5	31,20	M12x35		DB-304-M12-W66
		4061	1.72	2.03	.30	.55	.87	1.43	3.13	.59	2.31	.49	68.64			
32	1-1/4	280	43,7	51,6	7,5	14	22	36,3	79,5	15,1	58,7	10,5	32,20	M10x30		DB-304-M-W66
		4061	1.72	2.03	.30	.55	.87	1.43	3.13	.59	2.31	.41	70.84			
38	1-1/2	210	50,8	61,1	7,5	16	25	41,1	94	17,85	69,9	13,5	47,00	M12x35	1/2-13 UNC x 1-1/2	DB-305-W66
		3045	2.00	2.41	.30	.63	.98	1.62	3.70	.70	2.75	.53	103.40			
38	1-1/2	210	50,8	61,1	7,5	16	25	41,1	94	17,85	69,9	15	46,00	M14x35		DB-305-M14-W66
		3045	2.00	2.41	.30	.63	.98	1.62	3.70	.70	2.75	.59	101.20			
51	2	210	62,8	72,3	9	16	26	48,2	102	21,45	77,8	13,5	54,20	M12x35	1/2-13 UNC x 1-1/2	DB-306-W66
		3045	2.47	2.85	.35	.63	1.02	1.90	4.02	.84	3.06	.53	119.24			
51	2	210	62,8	72,3	9	16	26	48,2	102	21,45	77,8	15	50,00	M14x35		DB-306-M14-W66
		3045	2.47	2.85	.35	.63	1.02	1.90	4.02	.84	3.06	.59	110.00			
64	2-1/2	175	74,9	84,9	9	19	38	54,1	114,5	25,4	88,9	13,5	90,30	M12x40	1/2-13 UNC x 1-1/2	DB-307-W66
		2538	2.95	3.34	.35	.75	1.50	2.13	4.51	1.00	3.50	.53	198.66			
64	2-1/2	175	74,9	84,9	9	19	38	54,1	114,5	25,4	88,9	15	74,00	M14x40		DB-307-M14-W66
		2538	2.95	3.34	.35	.75	1.50	2.13	4.51	1.00	3.50	.59	162.80			
76	3	160	90,9	102,4	9	22	41	65,3	135	30,95	106,4	17	135,60	M16x50	5/8-11 UNC x 2	DB-308-W66
		2320	3.58	4.03	.35	.87	1.61	2.57	5.31	1.22	4.19	.67	298.32			
89	3-1/2	35	102,4	115,1	10,7	22	28	69,6	152	34,95	120,7	17	135,00	M16x50	5/8-11 UNC x 2	DB-309-W66
		508	4.03	4.53	.42	.87	1.10	2.74	5.98	1.38	4.75	.67	297.00			
102	4	35	115	127,8	10,7	25	35	75,9	162	38,9	130,2	17	170,00	M16x50	5/8-11 UNC x 2	DB-310-W66
		508	4.53	5.03	.42	.98	1.38	2.99	6.38	1.53	5.13	.67	374.00			
127	5	35	140,5	153,2	10,7	28	41	90,4	184	46 5	152,4	17	246,80	M16x55	5/8-11 UNC x 2-1/4	DB-311-W66
		508	5.53	6.03	.42	1.10	1.61	3.56	7.24	.00	6.00	.67	542.96			

Materials / Ordering Options / Examples

- * Pair of SAE Split Flange Halves made of Steel S355J2 / C45 or equivalent, zinc-plated and thick-film-passivated **DB-...-W66**
- * Pair of SAE Split Flange Halves made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request) **DB-...-W3**
- * Pair of SAE Split Flange Halves made of Stainless Steel V4A – 1.4404 (on request) **DB-...-W5**
- * Kit including Metric bolts 10.9, spring rings, O-ring made of NBR (Buna-N®) **DB-...-M-B-W129-K**
- * Kit including Metric bolts 10.9, spring rings, O-ring made of FKM (Viton®) **DB-...-M-V-W129-K**
- * Kit including UNC bolts (Grade 8), spring rings, O-ring made of NBR (Buna-N®) **DB-...-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.