

TUBING, FLANGES & PIPE FITTINGS

BS 10 flanges

Specify the flange standard, size, drilling, facing and material for the mating installation.

Application: Application-led selection for the specified operating conditions.

[BS10 flange dimensions / column group 1 of 2](#)

Nominal bore (mm)	Class / table designation	Flange outside diameter D (mm)	Flange thickness b (mm)	Bolt holes	Hole diameter d1 (mm)	Bolt size	Bolt circle PCD (mm)	Reference mass (kg)
15	T/D	95.3	4.8	4	14.3	M12	66.7	0.42
15	T/E	95.3	6.3	4	14.3	M12	66.7	0.42
20	T/D	101.6	9.5	4	14.2	M12	73	0.53
20	T/E	101.6	9.5	4	14.2	M12	73	0.53
25	T/D	114.3	4.8	4	14.3	M12	82.6	0.7
25	T/E	114.3	7.1	4	14.3	M12	82.6	0.7
32	T/D	120.7	6.3	4	14.2	M12	87.3	0.8
32	T/E	120.7	7.9	4	14.2	M12	87.3	0.8
40	T/D	133.4	6.3	4	14.2	M12	98.4	1
40	T/E	133.4	8.7	4	18	M12	98.4	1
50	T/D	152.4	7.9	4	17.5	M16	114.3	0.88
50	T/E	152.4	9.5	4	17.5	M16	114.3	1.06
65	T/D	165.1	7.9	4	17.5	M16	127	1.3
65	T/E	165.1	10.3	4	17.5	M16	127	1.6
80	T/D	184.1	9.5	4	17.5	M16	146	1.43
80	T/E	184.1	11.1	4	17.5	M16	146	1.8

BS10 flange dimensions / column group 1 of 2

Nominal bore (mm)	Class / table designation	Flange outside diameter D (mm)	Flange thickness b (mm)	Bolt holes	Hole diameter d1 (mm)	Bolt size	Bolt circle PCD (mm)	Reference mass (kg)
100	T/D	215.9	9.5	4	17.5	M16	177.8	2
100	T/E	215.9	13.7	8	17.5	M16	177.8	2
125	T/D	254	12.7	8	17.5	M16	209.6	3.48
125	T/E	254	14.3	8	17.5	M20	209.6	3.48
150	T/D	279.4	12.7	8	17.5	M16	235	3.88
150	T/E	279.4	17.5	8	22.2	M20	235	5.36
200	T/D	336.6	12.7	8	17.5	M16	292.1	4.91
200	T/E	336.6	19	8	22.2	M20	292.1	7.59
250	T/D	406.4	15.9	8	22.2	M20	355.6	8.7
250	T/E	406.4	22.2	12	22.2	M20	355.6	12.05
300	T/D	457.2	19	12	22.2	M20	406.4	12.05
300	T/E	457.2	25.4	12	25.4	M24	406.4	16.07
350	T/D	527.1	22.2	12	25.4	M20	469.9	19.58
350	T/E	527.1	28.6	12	25.4	M24	469.9	25.89
400	T/D	577.9	22.2	12	25.4	M20	520.7	22.32
400	T/E	577.9	31.8	12	25.4	M24	520.7	32.59
450	T/D	641.4	25.4	12	25.4	M20	584.2	30.8
450	T/E	641.4	34.9	16	25.4	M20	584.2	42.86
500	T/D	704	28.6	16	25.4	M20	641.4	41.07
500	T/E	704.9	38.1	16	25.4	M20	641.1	55.8
600	T/D	825.5	31.8	16	28.6	M24	755.7	60.27

BS10 flange dimensions / column group 1 of 2

Nominal bore (mm)	Class / table designation	Flange outside diameter D (mm)	Flange thickness b (mm)	Bolt holes	Hole diameter d1 (mm)	Bolt size	Bolt circle PCD (mm)	Reference mass (kg)
600	T/E	825.5	47.6	16	31.8	M30	755.7	89.29
700	T/D	908.1	34.9	20	28.6	M24	844.6	64.17
700	T/E	908.1	50.8	20	31.8	M30	844.6	92.19
900	T/D	1174.7	47.6	24	35	M30	1092.2	156.25
900	T/E	1174.7	63.5	24	35	M30	1092.2	203.13
1000	T/D	1257.3	50.8	24	35	M30	1174.7	167
1000	T/E	1257.3	60.7	24	38.1	M36	1174.7	214
1200	T/D	1492.2	60.3	32	35	M30	1409.7	258.94
1200	T/E	1492.2	79.4	32	38.1	M36	1409.7	334.78

Identifying columns are repeated. Read all column groups together for the complete row specification.

BS10 flange dimensions / column group 2 of 2

Nominal bore (mm)	Class / table designation	Standard reference
15	T/D	BS10
15	T/E	BS10
20	T/D	BS10
20	T/E	BS10
25	T/D	BS10
25	T/E	BS10
32	T/D	BS10
32	T/E	BS10
40	T/D	BS10

BS10 flange dimensions / column group 2 of 2

Nominal bore (mm)	Class / table designation	Standard reference
40	T/E	BS10
50	T/D	BS10
50	T/E	BS10
65	T/D	BS10
65	T/E	BS10
80	T/D	BS10
80	T/E	BS10
100	T/D	BS10
100	T/E	BS10
125	T/D	BS10
125	T/E	BS10
150	T/D	BS10
150	T/E	BS10
200	T/D	BS10
200	T/E	BS10
250	T/D	BS10
250	T/E	BS10
300	T/D	BS10
300	T/E	BS10
350	T/D	BS10
350	T/E	BS10

BS10 flange dimensions / column group 2 of 2

Nominal bore (mm)	Class / table designation	Standard reference
400	T/D	BS10
400	T/E	BS10
450	T/D	BS10
450	T/E	BS10
500	T/D	BS10
500	T/E	BS10
600	T/D	BS10
600	T/E	BS10
700	T/D	BS10
700	T/E	BS10
900	T/D	BS10
900	T/E	BS10
1000	T/D	BS10
1000	T/E	BS10
1200	T/D	BS10
1200	T/E	BS10

Identifying columns are repeated. Read all column groups together for the complete row specification.

Flange drilling and dimensional references for the selected standard, nominal bore and class. Specify the flange construction, face, material grade and design temperature. A PN, class or table designation alone does not establish an allowable working pressure for every material and temperature. Blank dimensions are not confirmed available configurations.

Application & quotation checklist

Standard, nominal size and pressure class; Material grade and wall thickness; Facing, drilling and connection type; Drawing or dimensions of the mating connection

Request a quotation

admin@africanhosesolutions.co.za | 010 065 3872

Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.