

# NEW PLYMOUTH STEEL SUPPLIES LTD

## FLANGES

\*Sizes in nominal bore to suit standard stocked pipe & schedule pipe

### Flange AS 2129 BS10

Table D	15	20	25	32	40	50	65	80	100		150#	200#	250	300
Thickness*	5	5	5	6	6	8	8	10	10		13	13	16	19
OD	95	100	115	120	135	150	165	185	215		280	335	405	455
PCD	67	73	83	87	98	114	127	146	178		235	292	356	406
No Bolts	4	4	4	4	4	4	4	4	4		8	8	8	12
Bolt Size	M12	M12	M12	M12	M12	M16	M16	M16	M16		M16	M16	M20	M20
Bolt Length***	45	45	45	50	50	60	60	60	65		65	70	75	85
Weight SOW kg	0.3	0.3	0.4	0.5	0.6	0.9	1.1	1.6	2.1		4.1	5.1	8.8	11.9

Table E	15	20	25	32	40	50	65	80	100		150#	200#	250	300
Thickness*	6	6	7	8	9	10	10	11	13		17	19	22	25
OD	95	100	115	120	135	150	165	185	215		280	335	405	455
PCD	67	73	83	87	98	114	127	146	178		235	292	356	406
No Bolts	4	4	4	4	4	4	4	4	8		8	8	12	12
Bolt Size	M12	M12	M12	M12	M12	M16	M16	M16	M16		M20	M20	M20	M24
Bolt Length***	45	45	45	50	50	60	60	60	65		70	75	75	90
Weight SOW kg	0.3	0.4	0.5	0.6	0.9	1.2	1.3	1.8	2.7		5.3	7.5	12.1	15.6

Table H	15	20	25	32	40	50	65	80	100		150#	200#	250	300
Thickness*	13	13	14	17	17	19	19	22	25		29	32	35	41
OD	115	115	120	135	140	165	185	205	230		305	370	430	490
PCD	83	83	87	98	105	127	146	165	191		260	342	381	438
No Bolts	4	4	4	4	4	4	8	8	8		12	12	12	16
Bolt Size	M16	M16	M16	M16	M16	M16	M16	M16	M16		M20	M20	M24	M24
Bolt Length***	60	60	60	65	65	75	75	75	85		100	100	120	120
Weight SOW kg	1.0	1.0	1.2	1.7	1.8	2.8	3.4	4.7	6.2		11.8	17.6	23.7	34.1

### AS Flanges Temperature Pressure Ratings

Temp C	-50 to 232	250	275	300	325	350	375	400		450	475	MaxHydrostatic
	Pressure kPa											Test kPa
Table D	700	650	600	570	550	500	450	400				1050
Table E	1400	1300	1200	1100	1000	950	900	800				2100
Table H	3500	3300	3100	2900	2600	2400	2200	2000		1300	900	5250

\* Thickness of Plate Flange Note it is not practical to provide plate flanges less than 12mm thick

# OD of pipe must be nominated

\*\*\* Lengths of bolts for plate steel flanges