

# Flanges



## Standards

Table	Standard
D, E, F & H	AS 2129
PN & DIN 16	BS 4504
ANSI	ANSI B16.5

## Material Specifications

	Brazing Metal	Carbon Steel	Stainless Steel 304L & 316L
AS	AS 1565	AS 1204 - 250	ASTM A240
ANSI	AS 1565	ASTM A105	ASTM A182

## Pressure Ratings - PSI

Brazing Metal

Size Range	Table	At Temperature -200°C to 120°C	Size Range	Table	At Temperature -200°C to 120°C
15-80	D	100	90-200	D	100
	E	200		E	175
	F	305		F	245
	H	500		H	400

Steel

Stainless Steel

Size Range	Table	At Temperature -20°C to 100°C	Size Range	Table	At Temperature -20°C to 100°C
15-80	D	100	15-80	D	100
	E	200		E	175
	F	305		F	245
	H	500		H	400
	ANSI-150	280			
	ANSI-300	740			

## Slip-On Table D



Nominal (mm)	Size (in)	PRODUCT CODE								
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
									304	316
100	4	215.0	116.0	12.0	178.0	4	18.0	FLSTSD-100	FLS4SD-100	FLS6SD-100
125	5	255.0	143.7	13.0	210.0	8	18.0	FLSTSD-125	FLS4SD-125	FLS6SD-125
150	6 1/2	280.0	165.1	13.0	235.0	8	18.0	FLSTSD-150/165		FLS6SD-150/165
	6 5/8	280.0	168.2	13.0	235.0	8	18.0	FLSTSD-150/168	FLS4SD-150/168	FLS6SD-150/168
200	8	335.0	221.4	13.0	292.0	8	18.0	FLSTSD-200	FLS4SD-200	FLS6SD-200
250	10	405.0	276.3	16.0	356.0	8	22.0	FLSTSD-250	FLS4SD-250	FLS6SD-250
300	12	455.0	327.1	19.0	406.0	12	22.0	FLSTSD-300	FLS4SD-300	FLS6SD-300
350	14	525.0	359.1	22.0	470.0	12	26.0	FLSTSD-350		
400	16	580.0	410.4	22.0	521.0	12	26.0	FLSTSD-400		
450	18	640.0	461.7	25.0	584.0	12	26.0	FLSTSD-450		
500	20	705.0	513.0	29.0	641.0	16	26.0	FLSTSD-500		
600	24	825.0	615.9	32.0	756.0	16	30.0	FLSTSD-600		



## Slip-On Table E

Nominal (mm)	Size (in)	PRODUCT CODE								
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
									304	316
15	1/2	95.0	22.3	12.0	67.0	4	14.0	FLSTSE-015	FLS4SE-015	FLS6SE-015
20	3/4	100.0	27.6	12.0	73.0	4	14.0	FLSTSE-020	FLS4SE-020	FLS6SE-020
25	1	115.0	34.5	12.0	83.0	4	14.0	FLSTSE-025	FLS4SE-025	FLS6SE-025
32	1 1/4	120.0	43.1	12.0	87.0	4	14.0	FLSTSE-032	FLS4SE-032	FLS6SE-032
40	1 1/2	135.0	49.5	12.0	98.0	4	14.0	FLSTSE-040	FLS4SE-040	FLS6SE-040
50	2	150.0	61.9	12.0	114.0	4	18.0	FLSTSE-050	FLS4SE-050	FLS6SE-050
65	2 1/2	165.0	74.6	12.0	127.0	4	18.0	FLSTSE-065	FLS4SE-065	FLS6SE-065
80	3	185.0	90.6	12.0	146.0	4	18.0	FLSTSE-080	FLS4SE-080	FLS6SE-080
100	4	215.0	116.0	13.0	178.0	8	18.0	FLSTSE-100	FLS4SE-100	FLS6SE-100
125	5	255.0	143.7	14.0	210.0	8	18.0	FLSTSE-125	FLS4SE-125	FLS6SE-125
150	6 1/2	280.0	165.1	17.0	235.0	8	22.0	FLSTSE-150/165	FLS4SE-150/165	FLS6SE-150/165
	6 5/8	280.0	168.2	17.0	235.0	8	22.0	FLSTSE-150/168	FLS4SE-150/168	FLS6SE-150/168
200	8	335.0	221.4	19.0	292.0	8	22.0	FLSTSE-200	FLS4SE-200	FLS6SE-200
250	10	405.0	276.3	22.0	356.0	12	22.0	FLSTSE-250	FLS4SE-250	FLS6SE-250
300	12	455.0	327.1	25.0	406.0	12	26.0	FLSTSE-300	FLS4SE-300	FLS6SE-300
350	14	525.0	359.1	29.0	470.0	12	26.0	FLSTSE-350		
400	16	580.0	410.4	32.0	521.0	12	26.0	FLSTSE-400		
450	18	640.0	461.7	35.0	584.0	16	26.0	FLSTSE-450		

## Slip-On Table H



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel
15	1/2	115.0	22.3	13.0	83.0	4	18.0	FLSTSH-015
20	3/4	115.0	27.6	13.0	83.0	4	18.0	FLSTSH-020
25	1	120.0	34.5	14.0	87.0	4	18.0	FLSTSH-025
32	1 1/4	135.0	43.1	17.0	98.0	4	18.0	FLSTSH-032
40	1 1/2	140.0	49.5	17.0	105.0	4	18.0	FLSTSH-040
50	2	165.0	61.9	19.0	127.0	4	18.0	FLSTSH-050
65	2 1/2	185.0	74.6	19.0	146.0	8	18.0	FLSTSH-065
80	3	205.0	90.6	22.0	165.0	8	18.0	FLSTSH-080
100	4	230.0	116.0	25.0	191.0	8	18.0	FLSTSH-100
125	5	280.0	143.7	29.0	235.0	8	22.0	FLSTSH-125
150	6	305.0	170.6	29.0	260.0	12	22.0	FLSTSH-150
200	8	370.0	221.4	32.0	324.0	12	22.0	FLSTSH-200
250	10	430.0	276.3	35.0	381.0	12	26.0	FLSTSH-250
300	12	490.0	327.1	41.0	438.0	16	26.0	FLSTSH-300

## Slip-On DIN 16



Nominal (mm)	Size (in)	PRODUCT CODE								
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
									304	316
15	1/2	95.0	22.3	14.0	65.0	4	14.0		FLS6SP-015	
20	3/4	105.0	27.6	16.0	75.0	4	14.0	FLSTSP-020	FLS6SP-020	
25	1	115.0	34.5	16.0	85.0	4	14.0	FLSTSP-025	FLS6SP-025	
32	1 1/4	140.0	43.1	18.0	100.0	4	18.0	FLSTSP-032	FLS6SP-032	
40	1 1/2	150.0	49.5	18.0	110.0	4	18.0	FLSTSP-040	FLS4SP-040 FLS6SP-040	
50	2	165.0	61.9	20.0	125.0	4	18.0	FLSTSP-050	FLS4SP-050 FLS6SP-050	
65	2 1/2	185.0	74.6	20.0	145.0	4	18.0	FLSTSP-065	FLS4SP-065 FLS6SP-065	
80	3	200.0	90.6	20.0	160.0	8	18.0	FLSTSP-080	FLS4SP-080 FLS6SP-080	
100	4	220.0	116.0	22.0	180.0	8	18.0	FLSTSP-100	FLS4SP-100 FLS6SP-100	
125	5	250.0	143.7	22.0	210.0	8	18.0	FLSTSP-125	FLS6SP-125	
150	6	285.0	170.6	24.0	240.0	8	22.0	FLSTSP-150	FLS4SP-150 FLS6SP-150	
200	8	340.0	221.4	26.0	295.0	12	22.0	FLSTSP-200	FLS4SP-200 FLS6SP-200	
250	10	405.0	276.3	29.0	355.0	12	26.0	FLSTSP-250		
300	12	460.0	327.1	32.0	410.0	12	26.0	FLSTSP-300		



## Slip-On ANSI 150



Nominal (mm)	Size (in)	PRODUCT CODE								
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
									304	316
15	1/2	89.0	22.3	11.1	60.3	4	15.8	FLSTSA-015	FLS4SA-015	FLS6SA-015
20	3/4	98.5	27.6	12.8	69.8	4	15.8	FLSTSA-020	FLS4SA-020	FLS6SA-020
25	1	108.0	34.5	14.3	79.3	4	15.8	FLSTSA-025	FLS4SA-025	FLS6SA-025
32	1 1/4	117.5	43.1	15.9	88.9	4	15.8	FLSTSA-032	FLS4SA-032	FLS6SA-032
40	1 1/2	127.1	49.5	17.5	98.4	4	15.8	FLSTSA-040	FLS4SA-040	FLS6SA-040
50	2	152.5	61.9	19.1	120.6	4	19.0	FLSTSA-050	FLS4SA-050	FLS6SA-050
65	2 1/2	177.9	74.6	22.3	139.7	4	19.0	FLSTSA-065	FLS4SA-065	FLS6SA-065
80	3	190.6	90.6	23.8	152.4	4	19.0	FLSTSA-080	FLS4SA-080	FLS6SA-080
100	4	228.7	116.0	23.8	190.5	8	19.0	FLSTSA-100	FLS4SA-100	FLS6SA-100
125	5	254.1	143.7	23.8	215.9	8	22.2	FLSTSA-125	FLS4SA-125	FLS6SA-125
150	6	279.5	170.6	25.5	241.3	8	22.2	FLSTSA-150	FLS4SA-150	FLS6SA-150
200	8	343.0	221.4	28.6	298.4	8	22.2	FLSTSA-200	FLS4SA-200	FLS6SA-200
250	10	406.5	276.3	30.2	361.9	12	25.4	FLSTSA-250		FLS6SA-250
300	12	482.7	327.1	31.8	431.8	12	25.4	FLSTSA-300		FLS6SA-300

## Slip-On ANSI 300

Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	ID Bore	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel
15	1/2	95.3	22.3	14.3	66.6	4	15.8	FLSTSA3-015
20	3/4	117.5	27.6	15.9	82.5	4	19.0	FLSTSA3-020
25	1	123.9	34.5	17.5	88.9	4	19.0	FLSTSA3-025
32	1 1/4	133.4	43.1	19.1	98.4	4	19.0	FLSTSA3-032
40	1 1/2	155.6	49.5	20.7	114.3	4	22.2	FLSTSA3-040
50	2	165.2	61.9	22.3	127.0	8	19.0	FLSTSA3-050
65	2 1/2	190.6	74.6	25.5	149.2	8	22.2	FLSTSA3-065
80	3	209.6	90.6	28.6	168.2	8	22.2	FLSTSA3-080
100	4	254.1	116.0	31.8	200.0	8	22.2	FLSTSA3-100
125	5	279.5	143.7	35.0	234.9	8	22.2	FLSTSA3-125
150	6	317.6	170.6	36.5	269.8	12	22.2	FLSTSA3-150
200	8	381.1	221.4	41.3	330.2	12	25.4	FLSTSA3-200
250	10	444.6	276.3	47.7	387.3	16	28.5	FLSTSA3-250
300	12	520.8	327.1	50.9	450.8	16	31.7	FLSTSA3-300

## Blind - Table D



Nominal (mm)	Size (in)	PRODUCT CODE							
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
								304	316
100	4	215.0	12.0	178.0	4	18.0	FLSTBD-100	FLS4BD-100	FLS6BD-100
125	5	255.0	13.0	210.0	8	18.0	FLSTBD-125		FLS6BD-125
150	6	280.0	13.0	235.0	8	18.0	FLSTBD-150		FLS6BD-150
200	8	335.0	13.0	292.0	8	18.0	FLSTBD-200		FLS6BD-200
250	10	405.0	16.0	356.0	8	22.0	FLSTBD-250	FLS4BD-250	FLS6BD-250
300	12	455.0	19.0	406.0	12	22.0	FLSTBD-300		FLS6BD-300
350	14	525.0	22.0	470.0	12	26.0	FLSTBD-350		FLS6BD-350
400	16	580.0	22.0	521.0	12	26.0	FLSTBD-400		FLS6BD-400
450	18	640.0	25.0	584.0	12	26.0	FLSTBD-450		FLS6BD-450
500	20	705.0	29.0	641.0	16	26.0	FLSTBD-500		
600	24	825.0	32.0	756.0	16	30.0	FLSTBD-600		

## Blind - Table E



Nominal (mm)	Size (in)	PRODUCT CODE							
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel	
								304	316
15	1/2	95.0	12.0	67.0	4	14.0	FLSTBE-015	FLS4BE-015	
20	3/4	100.0	12.0	73.0	4	14.0	FLSTBE-020	FLS4BE-020	
25	1	115.0	12.0	83.0	4	14.0	FLSTBE-025	FLS4BE-025	
32	1 1/4	120.0	12.0	87.0	4	14.0	FLSTBE-032	FLS4BE-032	
40	1 1/2	135.0	12.0	98.0	4	14.0	FLSTBE-040	FLS4BE-040	FLS6BE-040
50	2	150.0	12.0	114.0	4	18.0	FLSTBE-050	FLS4BE-050	FLS6BE-050
65	2 1/2	165.0	12.0	127.0	4	18.0	FLSTBE-065	FLS4BE-065	FLS6BE-065
80	3	185.0	12.0	146.0	4	18.0	FLSTBE-080	FLS4BE-080	FLS6BE-080
100	4	215.0	13.0	178.0	8	18.0	FLSTBE-100	FLS4BE-100	FLS6BE-100
125	5	255.0	14.0	210.0	8	18.0	FLSTBE-125	FLS4BE-125	FLS6BE-125
150	6	280.0	17.0	235.0	8	22.0	FLSTBE-150	FLS4BE-150	FLS6BE-150
200	8	335.0	19.0	292.0	8	22.0	FLSTBE-200	FLS4BE-200	FLS6BE-200
250	10	405.0	22.0	356.0	12	22.0	FLSTBE-250	FLS4BE-250	FLS6BE-250
300	12	455.0	25.0	406.0	12	26.0	FLSTBE-300	FLS4BE-300	FLS6BE-300
350	14	525.0	29.0	470.0	12	26.0	FLSTBE-350		FLS6BE-350
400	16	580.0	32.0	521.0	12	26.0	FLSTBE-400		FLS6BE-400
450	18	640.0	35.0	584.0	16	26.0	FLSTBE-450		FLS6BE-450
500	20	705.0	38.0	641.0	16	26.0	FLSTBE-500		
600	24	825.0	48.0	756.0	16	33.0	FLSTBE-600		

## Blind - Table H



Nominal (mm)	Size (in)	PRODUCT CODE					
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel
15	1/2	115.0	13.0	83.0	4	18.0	FLSTBH-015
20	3/4	115.0	13.0	83.0	4	18.0	FLSTBH-020
25	1	120.0	14.0	87.0	4	18.0	FLSTBH-025
32	1 1/4	135.0	17.0	98.0	4	18.0	FLSTBH-032
40	1 1/2	140.0	17.0	105.0	4	18.0	FLSTBH-040
50	2	165.0	19.0	127.0	4	18.0	FLSTBH-050
65	2 1/2	185.0	19.0	146.0	8	18.0	FLSTBH-065
80	3	205.0	22.0	165.0	8	18.0	FLSTBH-080
100	4	230.0	25.0	191.0	8	18.0	FLSTBH-100
125	5	280.0	29.0	235.0	8	22.0	FLSTBH-125
150	6	305.0	29.0	260.0	12	22.0	FLSTBH-150
200	8	370.0	32.0	324.0	12	22.0	FLSTBH-200
250	10	430.0	35.0	381.0	12	26.0	FLSTBH-250

## Blind - DIN 16



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel 316
15	1/2	95.0	14.0	65.0	4	14.0		FLS6BP-015
20	3/4	105.0	16.0	75.0	4	14.0	FLSTBP-020	FLS6BP-020
25	1	115.0	16.0	85.0	4	14.0	FLSTBP-025	FLS6BP-025
32	1 1/4	140.0	18.0	100.0	4	18.0	FLSTBP-032	FLS6BP-032
40	1 1/2	150.0	18.0	110.0	4	18.0	FLSTBP-040	FLS6BP-040
50	2	165.0	20.0	125.0	4	18.0	FLSTBP-050	FLS6BP-050
65	2 1/2	185.0	20.0	145.0	4	18.0	FLSTBP-065	FLS6BP-065
80	3	200.0	20.0	160.0	8	18.0	FLSTBP-080	FLS6BP-080
100	4	220.0	22.0	180.0	8	18.0	FLSTBP-100	FLS6BP-100
125	5	250.0	22.0	210.0	8	18.0	FLSTBP-125	FLS6BP-125
150	6	285.0	24.0	240.0	8	22.0	FLSTBP-150	FLS6BP-150
200	8	340.0	26.0	295.0	12	22.0	FLSTBP-200	FLS6BP-200
250	10	405.0	29.0	355.0	12	26.0		

**Blind - ANSI 150**



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	Stainless Steel 316
15	1/2	89.0	11.1	60.3	4	15.8	FLSTBA-015	FLS6BA-015
20	3/4	98.5	12.8	69.8	4	15.8	FLSTBA-020	FLS6BA-020
25	1	108.0	14.3	79.3	4	15.8	FLSTBA-025	FLS6BA-025
32	1 1/4	117.5	15.9	88.9	4	15.8	FLSTBA-032	FLS6BA-032
40	1 1/2	127.1	17.5	98.4	4	15.8	FLSTBA-040	FLS6BA-040
50	2	152.5	19.1	120.6	4	19.0	FLSTBA-050	FLS6BA-050
65	2 1/2	177.9	22.3	139.7	4	19.0	FLSTBA-065	FLS6BA-065
80	3	190.6	23.8	152.4	4	19.0	FLSTBA-080	FLS6BA-080
100	4	228.7	23.8	190.5	8	19.0	FLSTBA-100	FLS6BA-100
125	5	254.1	23.8	215.9	8	22.2	FLSTBA-125	FLS6BA-125
150	6	279.5	25.5	241.3	8	22.2	FLSTBA-150	FLS6BA-150
200	8	343.0	28.6	298.4	8	22.2	FLSTBA-200	FLS6BA-200
250	10	406.5	30.2	361.9	12	25.4	FLSTBA-250	

**Blind - ANSI 300**



Nominal (mm)	Size (in)	PRODUCT CODE					
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel
15	1/2	95.3	14.3	66.6	4	15.8	FLSTBA3-015
20	3/4	117.5	15.9	82.5	4	19.0	FLSTBA3-020
25	1	123.9	17.5	88.9	4	19.0	FLSTBA3-025
32	1 1/4	133.4	19.1	98.4	4	19.0	FLSTBA3-032
40	1 1/2	155.6	20.7	114.3	4	22.2	FLSTBA3-040
50	2	165.2	22.3	127.0	8	19.0	FLSTBA3-050
65	2 1/2	190.6	25.5	149.2	8	22.2	FLSTBA3-065
80	3	209.6	28.6	168.2	8	22.2	FLSTBA3-080
100	4	254.1	31.8	200.0	8	22.2	FLSTBA3-100
125	5	279.5	35.0	234.9	8	22.2	FLSTBA3-125
150	6	317.6	36.5	269.8	12	22.2	FLSTBA3-150
200	8	381.1	41.3	330.2	12	25.4	FLSTBA3-200
250	10	444.6	47.7	387.3	16	28.5	FLSTBA3-250

## Threaded - Table E



Nominal (mm)	Size (in)	PRODUCT CODE							Stainless Steel 316
		OD Flange	Thickness of flange	Thickness over boss	PCD	Number of holes	Diameter of holes	Carbon Steel	
15	1/2	95.0	12.0	15.8	67.0	4	14.0	FLSTTE-015	
20	3/4	100.0	12.0	17.4	73.0	4	14.0	FLSTTE-020	
25	1	115.0	12.0	18.2	83.0	4	14.0	FLSTTE-025	FLS6TE-025
32	1 1/4	120.0	12.0	19.0	87.0	4	14.0	FLSTTE-032	FLS6TE-032
40	1 1/2	135.0	12.0	21.4	98.0	4	14.0	FLSTTE-040	FLS6TE-040
50	2	150.0	12.0	22.2	114.0	4	18.0	FLSTTE-050	FLS6TE-050
65	2 1/2	165.0	12.0	26.2	127.0	4	18.0	FLSTTE-065	FLS6TE-065
80	3	185.0	12.0	27.0	146.0	4	18.0	FLSTTE-080	FLS6TE-080
100	4	215.0	13.0	32.7	178.0	8	18.0	FLSTTE-100	FLS6TE-100
150	6	280.0	17.0	36.5	235.0	8	22.0	FLSTTE-150	FLS6TE-150

## Threaded - Table H



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	Thickness of flange	Thickness over boss	PCD	Number of holes	Diameter of holes	Carbon Steel
15	1/2	115.0	13.0	22.2	83.0	4	18.0	FLSTTH-015
20	3/4	115.0	13.0	23.8	83.0	4	18.0	FLSTTH-020
25	1	120.0	14.0	25.4	87.0	4	18.0	FLSTTH-025
32	1 1/4	135.0	17.0	28.6	98.0	4	18.0	FLSTTH-032
40	1 1/2	140.0	17.0	30.2	105.0	4	18.0	FLSTTH-040
50	2	165.0	19.0	31.7	127.0	4	18.0	FLSTTH-050
65	2 1/2	185.0	19.0	34.9	146.0	8	18.0	FLSTTH-065
80	3	205.0	22.0	38.1	165.0	8	18.0	FLSTTH-080
100	4	230.0	25.0	44.4	191.0	8	18.0	FLSTTH-100

## Threaded - DIN 16



Nominal (mm)	Size (in)	PRODUCT CODE							Stainless Steel 316
		OD Flange	Thickness of flange	Thickness over boss	PCD	Number of holes	Diameter of holes	Carbon Steel	
25	1	115.0	16.0	24.0	85.0	4	14.0	FLSTTP-025	FLS6TP-025
32	1 1/4	140.0	18.0	26.0	100.0	4	18.0	FLSTTP-032	FLS6TP-032
40	1 1/2	150.0	18.0	26.0	110.0	4	18.0	FLSTTP-040	FLS6TP-040
50	2	165.0	20.0	28.0	125.0	4	18.0	FLSTTP-050	FLS6TP-050
65	2 1/2	185.0	20.0	32.0	145.0	4	18.0	FLSTTP-065	FLS6TP-065
80	3	200.0	20.0	34.0	160.0	8	18.0	FLSTTP-080	FLS6TP-080
100	4	220.0	22.0	40.0	180.0	8	18.0	FLSTTP-100	FLS6TP-100



## Threaded - ANSI 150



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	
							BSP	NPT
15	1/2	89.0	15.9	60.3	4	15.8	FLSTTA-015	FLSTTA-015N
20	3/4	98.5	15.9	69.8	4	15.8	FLSTTA-020	FLSTTA-020N
25	1	108.0	17.5	79.3	4	15.8	FLSTTA-025	FLSTTA-025N
32	1 1/4	117.5	20.7	88.9	4	15.8	FLSTTA-032	FLSTTA-032N
40	1 1/2	127.1	22.3	98.4	4	15.8	FLSTTA-040	FLSTTA-040N
50	2	152.5	25.5	120.6	4	19.0	FLSTTA-050	FLSTTA-050N
65	2 1/2	177.9	28.6	139.7	4	19.0	FLSTTA-065	FLSTTA-065N
80	3	190.6	30.2	152.4	4	19.0	FLSTTA-080	FLSTTA-080N

## Threaded - ANSI 300



Nominal (mm)	Size (in)	PRODUCT CODE						
		OD Flange	Thickness	PCD	Number of Holes	Diameter of Holes	Carbon Steel	
							NPT	
15	1/2	89.0	22.3	60.3	4	15.8	FLSTTA3-015N	
20	3/4	98.5	25.5	69.8	4	19.0	FLSTTA3-020N	
25	1	108.0	27.0	79.3	4	19.0	FLSTTA3-025N	
32	1 1/4	117.5	27.0	88.9	4	19.0	FLSTTA3-032N	
40	1 1/2	127.1	30.2	98.4	4	22.2	FLSTTA3-040N	
50	2	152.5	33.4	120.6	4	19.0	FLSTTA3-050N	
65	2 1/2	177.9	38.2	139.7	4	22.2	FLSTTA3-065N	
80	3	190.6	42.9	152.4	4	22.2	FLSTTA3-080N	



**Socketweld - ANSI 150**

Nominal (mm)	Size (in)	OD Flange	Thickness	Bore Diameter	Socket Diameter	PCD	Number of Holes	Diameter of Holes	PRODUCT CODE
									Carbon Steel
15	1/2	89.0	15.9	22.3	9.6	60.3	4	15.8	FLSTSWA14-015
20	3/4	98.5	15.9	27.6	11.1	69.8	4	15.8	FLSTSWA14-020
25	1	108.0	17.5	34.5	12.8	79.3	4	15.8	FLSTSWA14-025
32	1 1/4	117.5	20.7	43.1	14.3	88.9	4	15.8	FLSTSWA14-032
40	1 1/2	127.1	22.3	49.5	15.9	98.4	4	15.8	FLSTSWA14-040

**Socketweld - ANSI 300**



Nominal (mm)	Size (in)	OD Flange	Thickness	Bore Diameter	Socket Diameter	PCD	Number of Holes	Diameter of Holes	PRODUCT CODE
									Carbon Steel
15	1/2	95.3	22.3	22.3	9.6	66.6	4	15.8	FLSTSW34-015
20	3/4	117.5	25.5	27.6	11.1	82.5	4	19.0	FLSTSW34-020
25	1	123.9	27.0	34.5	12.8	88.9	4	19.0	FLSTSW34-025
32	1 1/4	133.4	27.0	43.1	14.3	98.4	4	19.0	FLSTSW34-032
40	1 1/2	155.6	30.2	49.5	15.9	114.3	4	22.2	FLSTSW34-040
50	2	165.2	33.4	61.9	17.5	127.0	8	19.0	FLSTSW34-050
80	3	209.6	42.9	90.6		168.2	8	22.2	FLSTSW34-080
100	4	254.1	47.7	116.0		200.0	8	22.2	FLSTSW34-100



Supplied by

**NATIONAL PETROLEUM EQUIPMENT**  
WEST GOSFORD NSW  
(02) 4324 0899

## Weld Neck - ANSI 150



Nominal (mm)	Size (in)	OD Flange	Thickness	Bore Diameter	Neck Diameter	PCD	Number of Holes	Diameter of Holes	PRODUCT CODE	
									Carbon Steel	Stainless Steel
15	1/2	89.0	47.7	15.8	21.4	60.3	4	15.8	FLSTWNA14-015	FLS6WNA14-015
20	3/4	98.5	52.4	21.0	26.7	69.8	4	15.8	FLSTWNA14-020	FLS6WNA14-020
25	1	108.0	55.6	26.7	33.6	79.3	4	15.8	FLSTWNA14-025	FLS6WNA14-025
32	1 1/4	117.5	57.2	35.1	42.2	89.9	4	15.8	FLSTWNA14-032	FLS6WNA14-032
40	1 1/2	127.1	61.9	40.9	48.3	98.4	4	15.8	FLSTWNA14-040	FLS6WNA14-040
50	2	152.5	63.6	52.5	60.5	120.6	4	19.0	FLSTWNA14-050	FLS6WNA14-050
65	2 1/2	177.9	69.9	62.7	73.2	139.7	4	19.0	FLSTWNA14-065	FLS6WNA14-065
80	3	190.6	69.9	77.9	89.0	152.4	4	19.0	FLSTWNA14-080	FLS6WNA14-080
100	4	228.7	76.3	102.3	114.4	190.5	8	19.0	FLSTWNA14-100	FLS6WNA14-100
125	5	254.1	89.0	128.2	141.3	215.9	8	22.2	FLSTWNA14-125	FLS6WNA14-125
150	6	279.5	89.0	154.1	168.5	241.3	8	22.2	FLSTWNA14-150	FLS6WNA14-150
200	8	343.0	101.7	202.7	219.3	288.4	8	22.2	FLSTWNA14-200	FLS6WNA14-200
250	10	406.5	101.7	254.5	273.1	351.9	12	25.4	FLSTWNA14-250	FLS6WNA14-250
300	12	482.7	114.4	304.8	323.9	431.8	13	25.4	FLSTWNA14-300	FLS6WNA14-300

## Weld Neck - ANSI 300 XS



Nominal (mm)	Size (in)	OD Flange	Thickness	Bore Diameter	Neck Diameter	PCD	Number of Holes	Diameter of Holes	PRODUCT CODE
									Carbon Steel
15	1/2	95.3	52.4	14.0	21.4	66.6	4	15.8	FLSTWNA34-015
20	3/4	117.5	57.2	18.8	26.7	82.5	4	19.0	FLSTWNA34-020
25	1	123.9	61.9	24.3	33.6	88.9	4	19.0	FLSTWNA34-025
32	1 1/4	133.4	65.1	32.5	42.2	98.4	4	19.0	FLSTWNA34-032
40	1 1/2	155.6	68.3	38.2	48.3	114.3	4	22.2	FLSTWNA34-040
50	2	165.2	69.9	49.3	60.5	127.0	8	19.0	FLSTWNA34-050
65	2 1/2	190.6	76.3	59.0	73.2	149.2	8	22.2	FLSTWNA34-065
80	3	209.6	79.4	73.7	89.0	168.2	8	22.2	FLSTWNA34-080
100	4	254.1	85.8	97.2	114.4	200.0	8	22.2	FLSTWNA34-100
125	5	279.5	98.5	130.4	141.3	234.9	8	22.2	FLSTWNA34-125
150	6	317.6	98.5	146.3	168.5	269.8	12	22.2	FLSTWNA34-150
200	8	381.1	111.2	193.7	219.3	330.2	12	25.4	FLSTWNA34-200
250	10	444.6	117.2	247.8	273.1	387.3	16	28.5	FLSTWNA34-250
300	12	520.8	130.2	298.6	323.9	450.8	16	31.7	FLSTWNA34-300

## Flange Gaskets

Material: Rubber Compounds 3mm



Size (mm)	PRODUCT CODE			
	Natural Rubber			
	Table D & E	Table F & H	DIN16	ASA150
015	FLGRE-015	FLGRH-015	FLGRP-015	FLGRA-015
020	FLGRE-020	FLGRH-020	FLGRP-020	FLGRA-020
025	FLGRE-025	FLGRH-025	FLGRP-025	FLGRA-025
032	FLGRE-032	FLGRH-032	FLGRP-032	FLGRA-032
040	FLGRE-040	FLGRH-040	FLGRP-040	FLGRA-040
050	FLGRE-050	FLGRH-050	FLGRP-050	FLGRA-050
065	FLGRE-065	FLGRH-065	FLGRP-065	FLGRA-065
080	FLGRE-080	FLGRH-080	FLGRP-080	FLGRA-080
100	FLGRD-100	FLGRH-100	FLGRP-100	FLGRA-100
100	FLGRE-100			
125	FLGRE-125	FLGRH-125	FLGRP-125	FLGRA-125
150	FLGRE-150	FLGRH-150	FLGRP-150	FLGRA-150
200	FLGRE-200	FLGRH-200	FLGRP-200	FLGRA-200
250	FLGRD-250	FLGRH-250	FLGRP-250	FLGRA-250
250	FLGRE-250			
300	FLGRE-300	FLGRH-300	FLGRP-300	FLGRA-300



Size (mm)	PRODUCT CODE			
	Nitrile		EPDM	
	Table E	ASA150	Table E	DIN 16
015	FLGBE-015	FLGBA-015		
020	FLGBE-020	FLGBA-020		
025	FLGBE-025	FLGBA-025	FLGEE-025	
032	FLGBE-032	FLGBA-032	FLGEE-032	
040	FLGBE-040	FLGBA-040	FLGEE-040	FLGEP-040
050	FLGBE-050	FLGBA-050	FLGEE-050	FLGEP-050
065	FLGBE-065	FLGBA-065	FLGEE-065	FLGEP-065
080	FLGBE-080	FLGBA-080	FLGEE-080	FLGEP-080
100	FLGBE-100	FLGBA-100	FLEGE-100	FLGEP-100
125	FLGBE-125	FLGBA-125	FLGEE-125	
150	FLGBE-150	FLGBA-150	FLGEE-150	
200	FLGBE-200	FLGBA-200	FLGEE-200	
250	FLGBE-250	FLGBA-250	FLGEE-250	



Material: Mineral and aramid fibres with Nitrile Rubber binder.

Approvals: BS7531 Grade Y  
AS/NZS4020 Potable Water



Nominal (mm)	PRODUCT CODE				
	High Temperature Fibre				
	Table D & E	Table H	DIN 16	ANSI 150	ANSI 300
15	FLGJE-015	FLGJH-015	FLGJP-015	FLGJA-015	FLGJA3-015
20	FLGJE-020	FLGJH-020	FLGJP-020	FLGJA-020	FLGJA3-020
25	FLGJE-025	FLGJH-025	FLGJP-025	FLGJA-025	FLGJA3-025
32	FLGJE-032	FLGJH-032	FLGJP-032	FLGJA-032	FLGJA3-032
40	FLGJE-040	FLGJH-040	FLGJP-040	FLGJA-040	FLGJA3-040
50	FLGJE-050	FLGJH-050	FLGJP-050	FLGJA-050	FLGJA3-050
65	FLGJE-065	FLGJH-065	FLGJP-065	FLGJA-065	FLGJA3-065
80	FLGJE-080	FLGJH-080	FLGJP-080	FLGJA-080	FLGJA3-080
100	FLGJD-100	FLGJH-100	FLGJP-100	FLGJA-100	FLGJA3-100
100	FLGJE-100				
150	FLGJE-150	FLGJH-150	FLGJP-150	FLGJA-150	FLGJA3-150
200	FLGJE-200	FLGJH-200	FLGJP-200	FLGJA-200	FLGJA3-200
250	FLGJD-250	FLGJH-250	FLGJP-250	FLGJA-250	FLGJA3-250
250	FLGJE-250				
300	FLGJE-300	FLGJH-300	FLGJP-300	FLGJA-300	FLGJA3-300



Nominal (mm)	PRODUCT CODE	
	High Temperature Fibre	
	ANSI 150	
15	FLGJAR-015	
20	FLGJAR-020	
25	FLGJAR-025	
32	FLGJAR-032	
40	FLGJAR-040	
50	FLGJAR-050	
65	FLGJAR-065	
80	FLGJAR-080	
100	FLGJAR-100	
150	FLGJAR-150	
200	FLGJAR-200	
250	FLGJAR-250	
300	FLGJAR-300	



Nominal (mm)	PRODUCT CODE	
	Graphite Wound	
	ANSI 150	ANSI 300
15	FLGGSC6A-015	FLGGSC6A3-015
20	FLGGSC6A-020	FLGGSC6A3-020
25	FLGGSC6A-025	FLGGSC6A3-025
32	FLGGSC6A-032	FLGGSC6A3-032
40	FLGGSC6A-040	FLGGSC6A3-040
50	FLGGSC6A-050	FLGGSC6A3-050
65	FLGGSC6A-065	FLGGSC6A3-065
80	FLGGSC6A-080	FLGGSC6A3-080
100	FLGGSC6A-100	FLGGSC6A3-100
150	FLGGSC6A-150	FLGGSC6A3-150
200	FLGGSC6A-200	FLGGSC6A3-200
250	FLGGSC6A-250	FLGGSC6A3-250
300	FLGGSC6A-300	FLGGSC6A3-300