

2020

# AS 2129 Table E Flanges

## High Pressure Pipe Fittings

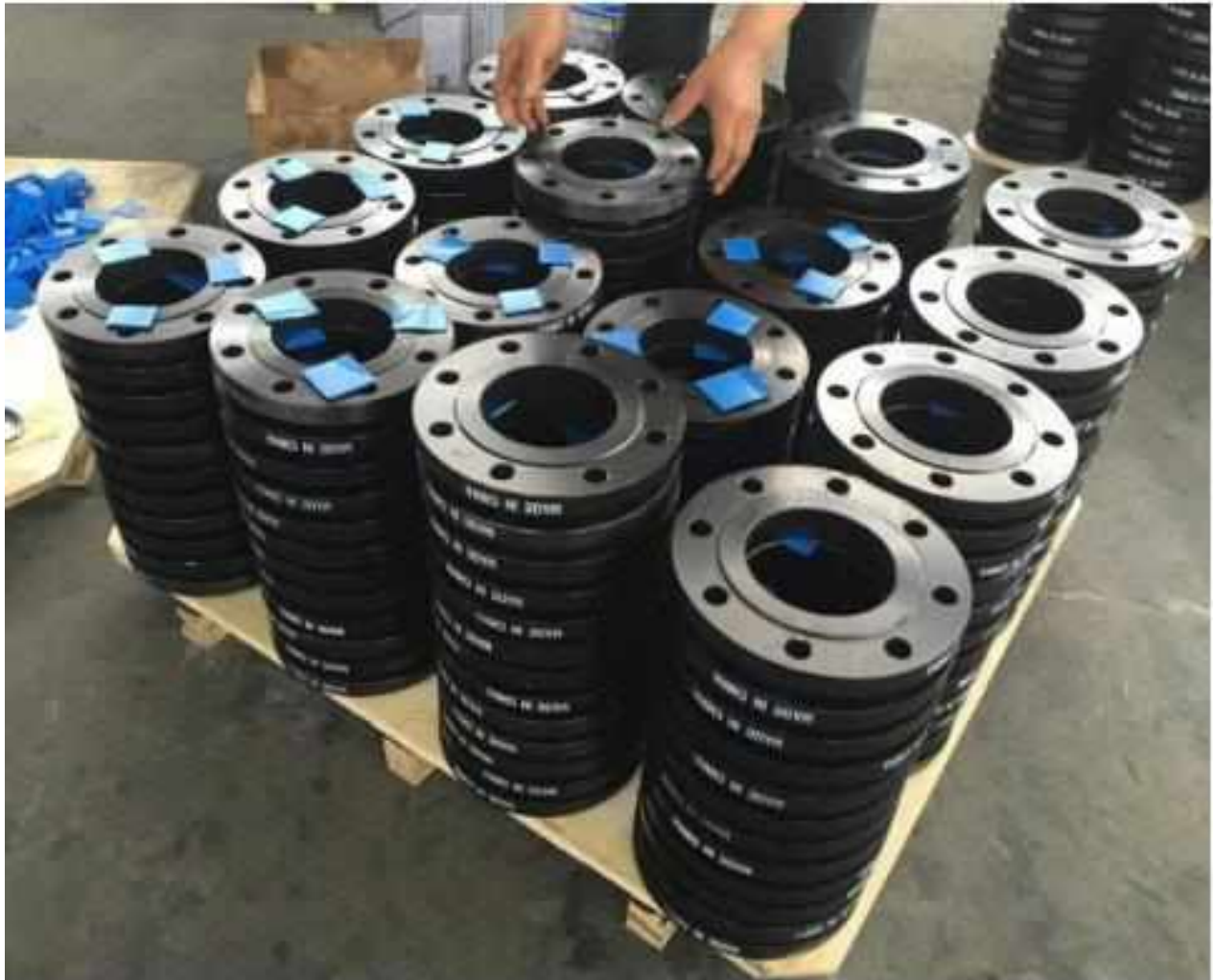
AS 2129 Table E Flanges Are Commonly Used To Connect Valves.  
Australian Standard 2129 E Flange Available Bored For Pipe Or Tube, Or  
BLRF And NPT BSP.





**RAJVEER STAINLESS AND ALLOYS**

MANUFACTURE AND SUPPLIER OF PIPES / FITTINGS / FASTNERS  
ISO 9001, 14001 : 2015 OHS 18001:2007 & PED 2014 / 68 / EU



### **Refer AS 2129 Table E Flanges Dimension**

*Our Range Of As 2129 Table E Blind Flanges Finds Application In Industries Like Chemical, Construction, Engineering, Power Plant, Oil & Gas. We Also Offer Flange As2129 Bs Table E Are Available In Different grades, Size, Thickness And Specification As Per Asme B16.5.*

**Australian Standard 2129 E Flange Manufacturers In India, Standard Table Of AS 2129 Flanges.**

**Table E**

<b>NPS</b>	<b>SORF</b>	<b>O.D.</b>	<b>THK</b>	<b>Bolt</b>	<b>Number</b>	<b>Dia.</b>
<b>mm</b>	<b>Bore</b>	<b>of Flange</b>		<b>Circle</b>	<b>Holes</b>	<b>of</b>
				<b>Dia.</b>		<b>Holes</b>
15	22.3	95.0	6	67.0	4	14.0
20	27.6	100.0	6	73.0	4	14.0
25	34.5	115.0	7	83.0	4	14.0
32	43.1	120.0	8	87.0	4	14.0
40	49.5	135.0	9	98.0	4	14.0
50	61.9	150.0	10	114.0	4	18.0
65	74.6	165.0	10	127.0	4	18.0
80	90.6	185.0	11	146.0	4	18.0
90	103.3	205.0	12	165.0	8	18.0
100	116.0	215.0	13	178.0	8	18.0
125	143.7	255.0	14	210.0	8	18.0
150	170.6	280.0	17	235.0	8	22.0
200	221.4	335.0	19	292.0	8	22.0
250	276.3	405.0	22	356.0	12	22.0
300	327.1	455.0	25	406.0	12	26.0
350	359.1	525.0	29	470.0	12	26.0
375	410.4	550.0	32	495.0	12	26.0
400	410.4	580.0	32	521.0	12	26.0
450	461.7	640.0	35	584.0	16	26.0
500	513.0	705.0	38	641.0	16	26.0
550	564.3	760.0	44	699.0	16	30.0
600	615.9	825.0	48	756.0	16	33.0
700	717.5	910.0	51	845.0	20	33.0
750	768.3	995.0	54	927.0	20	36.0
800	819.1	1060.0	54	984.0	20	36.0
850	869.9	1090.0	57	1016.0	20	36.0
900	920.7	1175.0	64	1092.0	24	36.0

*Australian Standard 2129 Table E Flange Provides Different Properties For Different Classes. AS 2129 Plate Flanges Could Be Used In High Pressure Containment Systems.*

<i>Standard</i>	<i>Class</i>	<i>Diameter</i>	<i>Bolt Circle Diameter</i>	<i>Number of Bolts</i>	<i>Bolt Size</i>	<i>Diameter of Bolt Hole</i>
<i>AS4087</i>	<i>PN14</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>M12</i>	<i>14</i>
<i>AS 2129</i>	<i>Table C</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>14</i>
	<i>Table D</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>14</i>
	<i>Table E</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>14</i>
	<i>Table F</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>14</i>
	<i>Table H</i>	<i>114</i>	<i>83</i>	<i>4</i>	<i>16</i>	<i>17</i>
	<i>Table J</i>	<i>114</i>	<i>83</i>	<i>4</i>	<i>16</i>	<i>17</i>
<i>ANSI B16.5</i>	<i>ANSI 150</i>	<i>89</i>	<i>60</i>	<i>4</i>	<i>13</i>	<i>16</i>
	<i>ANSI 300</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>16</i>
	<i>ANSI 600</i>	<i>95</i>	<i>67</i>	<i>4</i>	<i>13</i>	<i>16</i>
	<i>ANSI 900</i>	<i>121</i>	<i>83</i>	<i>4</i>	<i>19</i>	<i>22</i>
	<i>ANSI 1500</i>	<i>121</i>	<i>83</i>	<i>4</i>	<i>19</i>	<i>22</i>
<i>ISO 7005 (DIN)</i>	<i>PN6</i>	<i>80</i>	<i>55</i>	<i>4</i>	<i>M10</i>	<i>11</i>
	<i>PN10</i>	<i>95</i>	<i>65</i>	<i>4</i>	<i>M12</i>	<i>14</i>
	<i>PN16</i>	<i>95</i>	<i>65</i>	<i>4</i>	<i>M12</i>	<i>14</i>
	<i>PN20</i>	<i>90</i>	<i>60.5</i>	<i>4</i>	<i>M14</i>	<i>16</i>
	<i>PN25</i>	<i>95</i>	<i>65</i>	<i>4</i>	<i>M12</i>	<i>14</i>
	<i>PN40</i>	<i>95</i>	<i>65</i>	<i>4</i>	<i>M12</i>	<i>14</i>

## **AS 2129 Flanges Standard**

**AS 2129 Table E Blind Flanges Specification List And AS 2129 Table E Slip On Flanges Pressure Rating Class.**

*Flange As 2129 Table E Applications Are Usually Seen In The Petroleum Industry, Power Generation Industry, Oil And Gas Industry, Chemical Industries, Ship Building Industries.*

**Specification :** AS 2129 Table E Flanges

**Manufacturing Shapes :** Ring Type Joint, Flat Face, Raised Face, Lap-Joint Face, Small Tongue, Large Tongue & Groove, Large Male-Female, Groove, Small Male-Female

**Size Chart :** 1/2" to 48"

**Standards :** MSS S44, ISO70051, EN-1092, DIN, ANSI, ASME/ANSI B16.5/16.36/16.47A/16.47B, BS1560-3.1, ANSI/ASME B16.5, B16.47 Series A & B, B16.48, API7S-15, EN1092, API7S-43, API605, BS4504

**Pressure Rating :** 600 LBS, 2500 LBS 900 LBS, 1500 LBS, Class 150 LBS, 300 LBS

**Production Technique :** Heat treated, Forged and machined

**EN Standards :** 40Bar 25Bar 10Bar 16Bar 6Bar

**Most common Types :** Threaded / Forged / Plate /Screwed



**AS 2129 Table E 304L And 316L Grade**

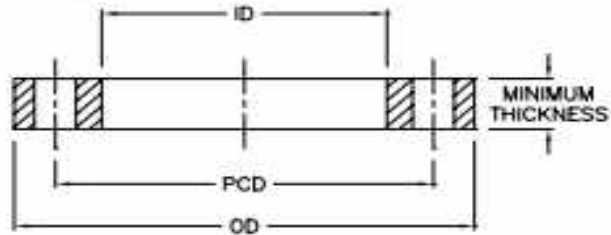
Grade	Size Pipe NB / Tube mm	Table 'E'		
		Slip On		Wgt
		BFP (Pipe)	BFT (Tube)	
		FFEPF304	FFEPF304	
304L	15 / 12.70	●	○	0.3
	20 / 19.05	●	○	0.4
	25 / 25.40	●	○	0.6
	32 / 31.75	○	○	0.7
	40 / 38.10	●	○	1.0
	50 / 50.80	●	●	1.1
	65 / 63.5	○	●	1.2
	80 / 76.2	●	●	1.9
	100 / 101.6	●	●	2.6
	125 / 127.0	○	●	4.3
	150 / 152.4	●	○	5.2
	200 / 203.2	●	○	8.3
	250	●	○	11.6
	300	●	○	16.6
		FFEPF316	FFEPF316	
316L	15 / 12.70	●	○	0.3
	20 / 19.05	●	○	0.4
	25 / 25.40	●	●	0.6
	32 / 31.75	●	○	0.7
	40 / 38.10	●	●	1.0
	50 / 50.80	●	●	1.1
	65 / 63.5	●	●	1.2
	80 / 76.2	●	●	1.9
	100 / 101.6	●	●	2.6
	125 / 127.0	●	●	4.3
	150 / 152.4	●	●	5.2
	200 / 203.2	●	●	8.3
	250	●	○	11.6
	300	●	○	16.6

Australian Standard 2129 E Flange

TABLE E		LENGTH THROUGH HUB	DRILLING DATA	TABLE E
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NPS		FLANGE O.D.	THICK. OF FLANGE (Refer Note.1)	BOSSED SOW	WN	PITCH CIRCLE DIA.	BOLT HOLE DIA.	No. OF BOLT HOLES	NPS	
MM	INCH	OD	T	L	L1	PCD	H	#	MM	INCH
15	1/2	95	6	16	28	67	14	4	15	1/2
20	3/4	100	6	17	28	73	14	4	20	3/4
25	1	115	7	18	29	83	14	4	25	1
32	1 1/4	120	8	19	33	87	14	4	32	1 1/4
40	1 1/2	135	9	22	38	98	14	4	40	1 1/2
50	2	150	10	23	39	114	18	4	50	2
65	2 1/2	165	10	26	42	127	18	4	65	2 1/2
80	3	185	11	27	46	146	18	4	80	3
90	3 1/2	205	12	29	47	165	18	8	90	3 1/2
100	4	215	13	32	54	178	18	8	100	4
125	5	255	14	33	58	210	18	8	125	5
150	6	280	17	36	65	235	22	8	150	6
200	8	335	19	41	70	292	22	8	200	8
225	9	370	21	46	78	324	22	12	225	9
250	10	405	22	49	86	356	22	12	250	10
300	12	455	25	54	95	406	26	12	300	12
350	14	525	29		102	470	26	12	350	14
375	15	550	32		108	495	26	12	375	15
400	16	580	32			521	26	12	400	16
450	18	640	35			584	26	16	450	18
500	20	705	38			641	26	16	500	20
525	21	735	41			673	30	16	525	21
550	22	760	44			699	30	16	550	22
600	24	825	48			756	33	16	600	24
700	28	910	51			845	33	20	700	28
750	30	995	54			927	36	20	750	30
800	32	1060	54			984	36	20	800	32
850	34	1090	57			1016	36	20	850	34
900	36	1175	64			1092	36	24	900	36
1000	40	1255	67			1175	39	24	1000	40
1050	42	1335	70			1251	39	28	1050	42
1200	48	1490	79			1410	39	32	1200	48

**STEEL BACKING FLANGES  
AS 2129 : TABLE E**



Nominal Pipe OD	Flange Size	OD	ID	Minimum Thickness	PCD	Bolt Hole No. x Dia.	Bolt Size
20	15	95	28	6	67	4X14	M12
25	20	100	34	6	73	4X14	M12
32	25	115	42	7	83	4X14	M12
40	32	120	51	8	87	4X14	M12
50	40	135	62	9	98	4X14	M12
63	50	150	78	10	114	4X18	M16
75	65	165	92	10	127	4X18	M16
90	80	185	108	11	146	4X18	M16
110	100	215	128	13	178	8X18	M16
125	100	215	135	13	178	8X18	M16
125	125	255	140	14	210	8X18	M16
140	125	255	158	14	210	8X18	M16
160	150	280	178	17	235	8X22	M20
180	150	280	188	17	235	8X22	M20
200	200	335	235	19	292	8X22	M20
225	200	335	238	19	292	8X22	M20
250	250	405	288	22	356	12X22	M20
280	250	405	294	22	356	12X22	M20
315	300	455	338	25	406	12X26	M24
355	350	525	376	29	470	12X26	M24
400	400	580	430	32	521	12X26	M24
450	450	640	470	35	584	16X26	M24
500	500	705	533	38	641	16X26	M24
560	550	760	618	44	699	16X30	M27
630	600	825	645	48	756	16X33	M30
710	700	910	740	51	845	20X33	M30
800	800	1060	843	54	984	20X36	M33
900	900	1175	947	64	1092	24X36	M33
1000	1000	1255	1050	67	1175	24X39	M36

[View Other Type Of Forged Australian Standard 2129 E Flange.](#)





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MANUFACTURE AND SUPPLIER OF PIPES / FITTINGS / FASTNERS  
 ISO 9001, 14001 : 2015 OHS 18001:2007 & PED 2014 / 68 / EU

<b>Flanges Tables</b>	<b>-10°C to 200°C</b>	<b>250°C</b>	<b>300°C</b>	<b>350°C</b>	<b>400°C</b>	<b>425°C</b>	<b>450°C</b>	<b>475°C</b>
6	6	5.5	5	–	–	–	–	–
10	10	9	8	7	6	–	–	–
16	16	15	13	11	9	–	–	–
25	25	24	21	17	14	12	9	6
40	40	38	33	28	23	20	15	10
64	64	61	53	44	36	32	24	16
100	100	95	83	70	57	50	37	25
160	160	152	132	112	92	80	60	40

**Flange AS2129 BS Table E Pressure Rating Class**

<b>AS 2129 Table E Flanges</b>	
<i>AS 2129 Table E Slip-On Flange</i>	<i>AS 2129 Table E Threaded Flange</i>
<i>AS 2129 Table E Weld Neck Flange</i>	<i>AS 2129 Table E Socket Weld Flange</i>
<i>AS 2129 Table E Blind Flange</i>	<i>AS 2129 Table E Reducing Flange</i>
<i>AS 2129 Table E Lap Joint Flange</i>	<i>AS 2129 Table E Plate Flange</i>
<i>AS 2129 Table E Orifice Flange</i>	<i>AS 2129 Table E Forged Flange</i>
<i>AS 2129 Table E Ring Type Joint Flange</i>	<i>AS 2129 Table E Square Flange</i>

**AS 2129 Table E Flanges**

**Australian Standard 2129 E Flange**

**Flange AS 2129 Table E**

**AS 2129 Table E Blind Flanges**

**AS 2129 Table E Slip On Flanges**



WNR 2" X 300# SCH40S A105 B105 H NO. 00087 MADE IN INDIA



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