

STEEL BACKING FLANGES TECHNICAL DATA





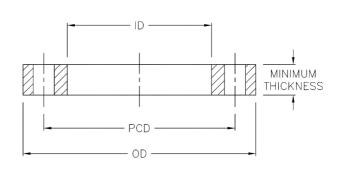
TECHNICAL DATA | STAINLESS STEEL **BACKING RING TABLE D**

Standards: AS4087

Size Range: 110mm - 1200mm Stainless Steel 316 Materials:

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	128	13	178	4 x 18	M16	BWBRSSD110
160	280	178	13	235	8 x 18	M16	BWBRSSD160
180	280	195	13	235	8 x 18	M16	BWBRSSD180
200	335	235	19	292	8 x 18	M16	BWBRSSD200
225	335	238	19	292	8 x 18	M16	BWBRSSD225
250	405	288	19	356	8 x 22	M20	BWBRSSD250
280	405	294	19	356	8 x 22	M20	BWBRSSD280
315	455	338	23	406	12 x 22	M20	BWBRSSD315
450	640	470	30	584	12 x 26	M24	BWBRSSD450
630	825	645	48	756	16 x 30	M27	BWBRSSD630
710	910	740	56	845	20 x 30	M27	BWBRSSD710
1000	1255	1050	66	1175	24 x 36	M33	BWBRSSD1000
1200	1490	1240	75	1410	32 x 36	M33	BWBRSSD1200

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on. Correct installation procedures should always be followed.

The drawings, materials and specifications outlined are subject to change without notice due to the continuous improvements and development of our product range.

FUSION QLD PTY LTD

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TECHNICAL DATA | STAINLESS STEEL **BACKING RING TABLE D**

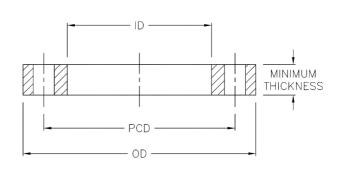
Standards: Compatible with AS4087 125mm x 4" - 630mm x 24"

Materials: Stainless Steel 316

Pressure Rating: PN16

Size Range:





Nominal Pipe OD mm x inch	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
125mm x 4"	215	138	13	178	4 x 18	M16	BWBRSSD1254
200mm x 6"	280	204	13	235	8 x 18	M16	BWBRSSD2006
225mm x 9"	370	238	19	324	8 x 18	M16	BWBRSSD2259
250mm x 9"	370	262	19	324	8 x 18	M16	BWBRSSD2509
250mm x 8"	335	256	19	292	8 x 18	M16	BWBRSSD2508
280mm x 9"	370	285	19	324	8 x 18	M16	BWBRSSD2809
315mm x 10"	405	318	19	356	8 x 22	M20	BWBRSSD31510
355mm x 12"	455	361	23	406	12 x 22	M20	BWBRSSD35512
400mm x 15"	550	406	30	495	12 x 26	M24	BWBRDSS40015
450mm x 15"	580	455	30	495	12 x 26	M24	BWBRSSD45015
500mm x 18"	640	508	30	584	12 x 26	M24	BWBRSSD50018
560mm x 20"	705	568	38	641	16 x 26	M24	BWBRDSS56020
630mm x 24"	825	645	48	756	16 x 30	M27	BWBRSSD63024

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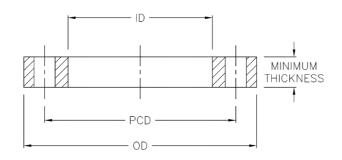
ABN: 42 987 067 369



TECHNICAL DATA | STAINLESS STEEL BACKING RING TABLE D/E

Standards: AS2129 | AS4087 Size Range: 20mm - 900mm Materials: Stainless Steel 316

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Standard	Code
20	95	28	6	67	4 x 14	M12	AS2129	BWBRSSDE020
25	100	34	6	73	4 x 14	M12	AS2129	BWBRSSDE025
32	115	43	7	83	4 x 14	M12	AS2129	BWBRSSDE032
40	120	51	8	87	4 x 14	M12	AS2129	BWBRSSDE040
50	135	62	9	98	4 x 14	M12	AS2129	BWBRSSDE050
63	150	78	11	114	4 x 18	M16	AS4087	BWBRSSDE063
75	165	92	11	127	4 x 18	M16	AS4087	BWBRSSDE075
90	185	108	11	146	4 x 18	M16	AS4087	BWBRSSDE090
125	255	140	14	210	8 x 18	M16	AS2129	BWBRSSDE125
140	255	158	14	210	8 x 18	M16	AS2129	BWBRSSDE140
355	525	376	30	470	12 x 26	M24	AS4087	BWBRSSDE355
400	580	430	32	521	12 x 26	M24	AS4087	BWBRSSDE400
500	705	533	38	641	16 x 26	M24	AS4087	BWBRSSDE500
560	760	590	44	699	16 x 30	M27	AS4087	BWBRSSE560
800	1060	843	56	984	20 x 36	M33	AS4087	BWBRSSDE800
900	1175	947	66	1092	24 x 36	M33	AS4087	BWBRSSDE900

Note:

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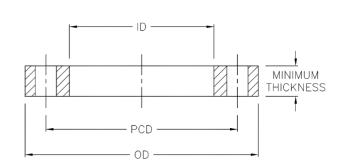
TECHNICAL DATA | STAINLESS STEEL BACKING RING TABLE E

Standards: AS2129

Size Range: 110mm - 1000mm Materials: Stainless Steel 316

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	128	13	178	8 x 18	M16	BWBRSSE1110
160	280	178	17	235	8 x 22	M20	BWBRSSE160
180	280	195	17	235	8 x 22	M20	BWBRSSE180
200	335	235	19	292	8 x 22	M20	BWBRSSE200
225	335	238	19	292	8 x 22	M20	BWBRSSE225
250	405	288	22	356	12 x 22	M20	BWBRSSE250
280	405	294	22	356	12 x 22	M20	BWBRSSE280
315	455	346	25	406	12 x 26	M24	BWBRSSE315
450	640	480	35	584	16 x 26	M24	BWBRSSE450
630	825	645	48	756	16 x 33	M30	BWBRSSE630
710	910	740	51	845	20 x 33	M30	BWBRSSE710
1000	1255	1050	67	1175	24 x 39	M36	BWBRSSE1000

Note:

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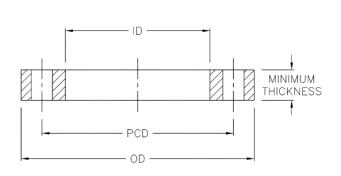
TECHNICAL DATA | STAINLESS STEEL BACKING RING TABLE D

Standards: AS2129

Size Range: 315mm - 1000mm Materials: Stainless Steel 316

Pressure Rating: PN10





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
315	455	346	19	406	12 x 22	M20	BWBRSSD315
355	525	376	22	470	12 x 26	M24	BWBRSSD355
400	580	430	22	521	12 x 26	M24	BWBRSSD400
450	640	470	25	584	12 x 26	M24	BWBRSSD450
500	705	533	29	641	16 x 26	M24	BWBRSSD500
560	760	590	29	699	16 x 30	M27	BWBRSSD560
630	825	645	32	756	16 x 30	M27	BWBRSSD630
710	910	740	35	845	20 x 30	M27	BWBRSSD710
800	1060	843	41	984	20 x 36	M33	BWBRSSD800
900	1175	947	48	1092	24 x 36	M33	BWBRSSD900
1000	1255	1050	51	1175	24 x 36	M33	BWBRSSD1000

Note

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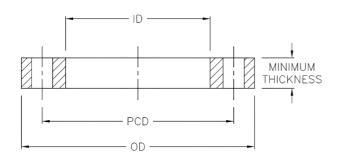


TECHNICAL DATA | STAINLESS STEEL BACKING RING TABLE F

Standards: AS4087

Size Range: 90mm - 800mm Materials: Stainless Steel 316

Pressure Rating: PN21





Nominal Pipe OD mm / inch	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
90	205	108	15	165	8 x 18	M16	BWBRSSF090
125mm x 4"	230	128	19	191	8 x 18	M16	BWBRSSF1254
160	305	178	17	235	8 x 22	M20	BWBRSSF160
180	305	195	24	260	12 x 22	M20	BWBRSSF180
200	370	235	24	324	12 x 22	M20	BWBRSSF200
225	405	238	30	356	12 x 26	M24	BWBRSSF225
250	430	288	30	381	12 x 26	M24	BWBRSSF250
280	430	300	30	381	12 x 26	M24	BWBRSSF280
315	490	345	30	438	16 x 26	M24	BWBRSSF315
355	550	376	30	495	16 x 30	M27	BWBRSSFE355
400	610	430	38	552	20 x 30	M27	BWBRSSF400
450	675	470	38	610	20 x 33	M30	BWBRSSF450
500	735	533	48	673	24 x 33	M30	BWBRSSF500
630	850	645	68	984	28 x 36	M33	BWBRSSF630
710	935	740	58	857	24 x 36	M33	BWBRSSF710
800	1060	843	68	984	28 x 36	M33	BWBRSSF800

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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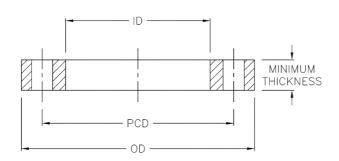


TECHNICAL DATA | STAINLESS STEEL BACKING RING ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Stainless Steel 316

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
20	90	28	11.2	60.5	4 x 16	1/2"	BWBRSSA20
25	98	34	12.8	70	4 x 16	1/2"	BWBRSSA25
32	108	42	14.2	79.5	4 x 16	1/2"	BWBRSSA32
40	117	51	15.7	89	4 x 16	1/2"	BWBRSSA40
50	127	62	17.5	98.5	4 x 16	1/2"	BWBRSSA50
63	152	78	19	120.5	4 x 20	5/8"	BWBRSSA63
75	178	92	22.3	139.5	4 x 20	5/8"	BWBRSSA75
90	191	108	23.9	152	4 x 20	5/8"	BWBRSSA90
110	229	128	23.9	190.5	8 x 20	5/8"	BWBRSSA110
125	254	140	23.9	216	8 x 22	3/4"	BWBRSSA125
140	254	158	23.9	216	8 x 22	3/4"	BWBRSSA140
160	279	178	25.4	241	8 x 22	3/4"	BWBRSSA160
180	279	195	25.4	241	8 x 22	3/4"	BWBRSSA180
200	343	235	28.4	298.5	8 x 22	3/4"	BWBRSSA200
225	343	238	28.4	298.5	8 x 22	3/4"	BWBRSSA225

Note:

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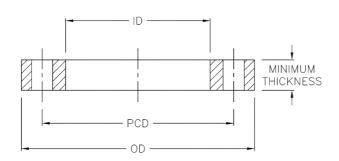


TECHNICAL DATA | STAINLESS STEEL BACKING RING ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Stainless Steel 316

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
250	406	288	30.2	362	12 x 26	7/8"	BWBRSSA250
280	406	294	30.2	362	12 x 26	7/8"	BWBRSSA280
315	482	345	31.8	432	12 x 26	7/8"	BWBRSSA315
355	533	376	35	476	12 x 30	1"	BWBRSSA355
400	600	430	36.6	540	16 x 30	1"	BWBRSSA400
450	635	480	39.6	578	16 x 33	1.1/8"	BWBRA450
500	700	533	43	635	20 x 33	1.1/8"	BWBRSSA500
560	750	618	48	692	20 x 36	1.1/8"	BWBRSSA560
630	815	660	47.8	750	20 x 36	1.1/4"	BWBRSSA630
710	925	740	69.9	863.6	28 x 36	1.1/4"	BWBRSSA710
800	1060	835	81	977.9	28 x 41	1.3/4"	BWBRSSA800

Note

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Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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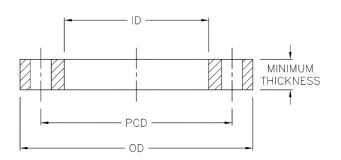
TECHNICAL DATA | STAINLESS STEEL BLIND FLANGE TABLE D

Standards: AS4087

Size Range: 110mm - 1000mm Materials: Stainless Steel 316

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	N/A	13	178	4 x 18	M16	BWBFSSD110
180	280	N/A	13	235	8 x 18	M16	BWBFSSD160
200	335	N/A	19	292	8 x 18	M16	BWBFSSD200
250	405	N/A	19	356	8 x 22	M20	BWBFSSD250
315	455	N/A	23	406	12 x 22	M20	BWBFSSD315
450	640	N/A	30	584	12 x 26	M24	BWBFSSD450
630	825	N/A	48	756	16 x 30	M27	BWBFSSD630
710	910	N/A	56	845	20 x 30	M27	BWBFSSD710
1000	1255	N/A	66	1175	24 x 36	M33	BWBFSSD1000

Note:

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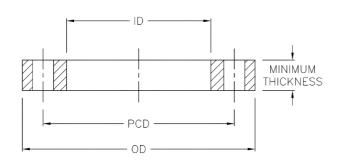
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TECHNICAL DATA | STAINLESS STEEL BLIND FLANGE TABLE D/E

Standards: AS2129 | AS4087 Size Range: 20mm - 900mm Materials: Stainless Steel 316

Pressure Rating: PN10 | PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Pressure Rating	Standard	Code
20	95	N/A	6	67	4 x 14	M12	PN10	AS2129	BWBFSSDE020
25	100	N/A	6	73	4 x 14	M12	PN10	AS2129	BWBFSSDE025
32	115	N/A	7	83	4 x 14	M12	PN10	AS2129	BWBFSSDE032
40	120	N/A	8	87	4 x 14	M12	PN10	AS2129	BWBFSSDE040
50	135	N/A	9	98	4 x 14	M12	PN10	AS2129	BWBFSSDE050
63	150	N/A	11	114	4 x 18	M16	PN16	AS4087	BWBFSSDE063
75	165	N/A	11	127	4 x 18	M16	PN16	AS4087	BWBFSSDE075
90	185	N/A	11	146	4 x 18	M16	PN16	AS4087	BWBFSSDE090
355	525	N/A	30	470	12 x 26	M24	PN16	AS4087	BWBFDE355
400	580	N/A	32	521	12 x 26	M24	PN16	AS4087	BWBFDE400
500	705	N/A	38	641	16 x 26	M24	PN16	AS4087	BWBFDE500
800	1060	N/A	56	984	20 x 36	M33	PN16	AS4087	BWBFSSE800
900	1175	N/A	66	1092	20 x 36	M33	PN16	AS4087	BWBFSSE900

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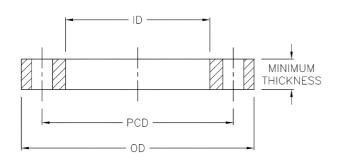


TECHNICAL DATA | STAINLESS STEEL BLIND FLANGE TABLE E

Standards: AS2129

Size Range: 110mm x 1000mm Materials: Stainless Steel 316

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	N/A	13	178	8 x 18	M16	BWBFSSE110
160	280	N/A	17	235	8 x 22	M20	BWBFSSE160
200	335	N/A	19	292	8 x 22	M20	BWBFSSE200
250	405	N/A	22	356	12 x 22	M20	BEBFSSE250
315	455	N/A	25	406	12 x 26	M24	BWBFSSE315
450	640	N/A	35	584	16 x 26	M24	BWBFSSE450
560	760	N/A	44	699	16 x 30	M27	BWBFE560
630	825	N/A	48	756	16 x 33	M30	BWBFSSE630
710	910	N/A	51	845	20 x 33	M30	BWBFSSE710
1000	1255	N/A	67	1175	24 x 39	M36	BWBFSSE1000

Note:

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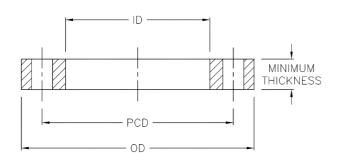


TECHNICAL DATA | STAINLESS STEEL BLIND FLANGE ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Stainless Steel 316

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
20	90	N/A	11.2	60.5	4 x 16	1/2"	BWBFA020
25	98	N/A	12.8	70	4 x 16	1/2"	BWBFA025
32	108	N/A	14.2	79.5	4 x 16	1/2"	BWBFA32
40	117	N/A	15.7	89	4 x 16	1/2"	BWBFA40
50	127	N/A	17.5	98.5	4 x 16	1/2"	BWBFA50
63	152	N/A	19	120.5	4 x 20	5/8"	BWBFA63
75	178	N/A	22.3	139.5	4 x 20	5/8"	BWBFA75
90	191	N/A	23.9	152	4 x 20	5/8"	BWBFA90
110	229	N/A	23.9	190.5	8 x 20	5/8"	BWBFA110
125	254	N/A	23.9	216	8 x 22	3/4"	BWBFA125
140	254	N/A	23.9	216	8 x 22	3/4"	BWBFA140
160	279	N/A	25.4	241	8 x 22	3/4"	BWBFA160
180	279	N/A	25.4	241	8 x 22	3/4"	BWBFA180
200	343	N/A	28.4	298.5	8 x 22	3/4"	BWBFA200

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

Correct installation procedures should always be followed.

The drawings, materials and specifications outlined are subject to change without notice due to the continuous improvements and development of our product range.

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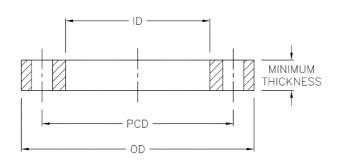


TECHNICAL DATA | STAINLESS STEEL BLIND FLANGE ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Stainless Steel 316

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
225	343	N/A	28.4	298.5	8 x 22	3/4"	BWBFA225
250	406	N/A	30.2	362	12 x 26	7/8"	BWBFA250
280	406	N/A	30.2	362	12 x 26	7/8"	BWBFA280
315	482	N/A	31.8	432	12 x 26	7/8"	BWBFA315
355	533	N/A	35	476	12 x 30	1"	BWBFA355
400	600	N/A	36.6	540	16 x 30	1"	BWBFA400
450	635	N/A	39.6	578	16 x 33	1.1/8"	BWBFA450
500	700	N/A	43	635	20 x 33	1.1/8"	BWBFA500
560	750	N/A	48	692	20 x 36	1.1/8"	BWBFA560
630	815	N/A	47.8	750	20 x 36	1.1/4"	BWBFA630
710	925	N/A	69.9	863.6	28 x 36	1.1/4"	BWBFA710
800	1060	N/A	81	977.9	28 x 41	1.3/4"	BWBFA800

Note

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

Correct installation procedures should always be followed.

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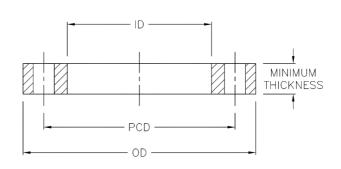
TECHNICAL DATA | GALVANISED STEEL BACKING RING TABLE D

Standards: AS4087

Size Range: 110mm - 1000mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	128	13	178	4 x 18	M16	BWBRD110
160	280	178	13	235	8 x 18	M16	BWBRD160
180	280	195	13	235	8 x 18	M16	BWBRD180
200	335	235	19	292	8 x 18	M16	BWBRD200
225	335	238	19	292	8 x 18	M16	BWBRD225
250	405	288	19	356	8 x 22	M20	BWBRD250
280	405	294	19	356	8 x 22	M20	BWBRD280
315	455	338	23	406	12 x 22	M20	BWBRD315
450	640	470	30	584	12 x 26	M24	BWBRD450
630	825	645	48	756	16 x 30	M27	BWBRD630
710	910	740	56	845	20 x 30	M27	BWBRD710
1000	1255	1050	66	1175	24 x 36	M33	BWBRD1000

Note

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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TECHNICAL DATA | GALVANISED STEEL BACKING RING TABLE D

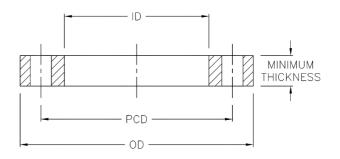
Standards: Compatible with AS4087 and AS2129

Size Range: 315mm x 10" - 450mm x 15"

Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm x inch	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
315mm x 10"	405	318	19	356	8 x 22	M20	BWBRD31510
315mm x 10"	405	308	19	356	12 x 22	M20	BWBRE31510
355mm x 12"	455	361	23	406	12 x 22	M20	BWBRD35512
400mm x 15"	550	406	30	495	12 x 26	M24	BWBRD40015
450mm x 15"	580	455	30	495	12 x 26	M24	BWBRD45015

Note

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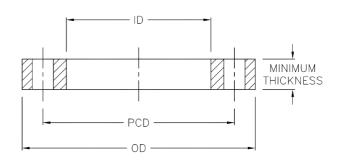


TECHNICAL DATA | GALVANISED STEEL BACKING RING TABLE D/E

Standards: AS2129 | AS4087 Size Range: 20mm - 900mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Standard	Code
20	95	28	6	67	4 x 14	M12	AS2129	BWBRDE20
25	100	34	6	73	4 x 14	M12	AS2129	BWBRDE25
32	115	43	7	83	4 x 14	M12	AS2129	BWBRDE32
40	120	51	8	87	4 x 14	M12	AS2129	BWBRDE40
50	135	62	9	98	4 x 14	M12	AS2129	BWBRDE50
63	150	78	11	114	4 x 18	M16	AS4087	BWBRDE63
75	165	92	11	127	4 x 18	M16	AS4087	BWBRDE75
90	185	108	11	146	4 x 18	M16	AS4087	BWBRDE90
125	255	140	14	210	8 x 18	M16	AS2129	BWBRDE125
140	255	158	14	210	8 x 18	M16	AS2129	BWBRDE140
355	525	376	30	470	12 x 26	M24	AS4087	BWBRDE355
400	580	430	32	521	12 x 26	M24	AS4087	BWBRDE400
500	705	533	38	641	16 x 26	M24	AS4087	BWBRDE500
800	1060	843	56	984	20 x 36	M33	AS4087	BWBRDE800
900	1175	947	66	1092	24 x 36	M33	AS4087	BWBRDE900

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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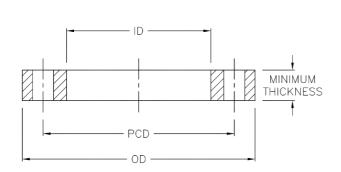


TECHNICAL DATA | GALVANISED STEEL BACKING RING TABLE E

Standards: AS2129

Size Range: 110mm - 1000mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	128	13	178	8 x 18	M16	BWBRE110
160	280	178	17	235	8 x 22	M20	BWBRE160
180	280	195	17	235	8 x 22	M20	BWBRE180
200	335	235	19	292	8 x 22	M20	BWBRE200
225	335	238	19	292	8 x 22	M20	BWBRE225
250	405	288	22	356	12 x 22	M20	BWBRE250
280	405	294	22	356	12 x 22	M20	BWBRE280
315	455	346	25	406	12 x 26	M24	BWBRE315
450	640	480	35	584	16 x 26	M24	BWBRE450
560	760	590	44	699	16 x 30	M27	BWBRE560
630	825	645	48	756	16 x 33	M30	BWBRE630
710	910	740	51	845	20 x 33	M30	BWBRE710
1000	1255	1050	67	1175	24 x 39	M36	BWBRE1000

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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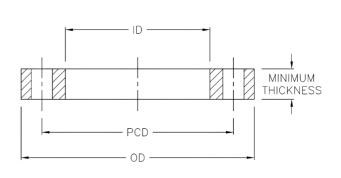
TECHNICAL DATA | GALVANISED STEEL BACKING RING TABLE D

Standards: AS2129

Size Range: 315mm - 1000mm Materials: Galvanised Steel

Pressure Rating: PN10





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
315	455	346	19	406	12 x 22	M20	BWBRD315
355	525	376	22	470	12 x 26	M24	BWBRD355
400	580	430	22	521	12 x 26	M24	BWBRD400
450	640	470	25	584	12 x 26	M24	BWBRD450
500	705	533	29	641	16 x 26	M24	BWBRD500
560	760	590	29	699	16 x 30	M27	BWBRD560
630	825	645	32	756	16 x 30	M27	BWBRD630
710	910	740	35	845	20 x 30	M27	BWBRD710
800	1060	843	41	984	20 x 36	M33	BWBRD800
900	1175	947	48	1092	24 x 36	M33	BWBRD900
1000	1255	1050	51	1175	24 x 36	M33	BWBRD1000

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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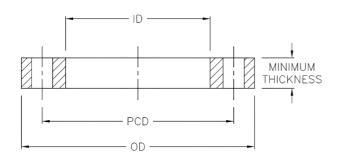


TECHNICAL DATA | GALVANISED STEEL BACKING RING ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Galvanised Steel

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
20	90	28	11.2	60.5	4 x 16	1/2"	BWBRA020
25	98	34	12.8	70	4 x 16	1/2"	BWBRA025
32	108	42	14.2	79.5	4 x 16	1/2"	BWBRA032
40	117	51	15.7	89	4 x 16	1/2"	BWBRA040
50	127	62	17.5	98.5	4 x 16	1/2"	BWBRA050
63	152	78	19	120.5	4 x 20	5/8"	BWBRA063
75	178	92	22.3	139.5	4 x 20	5/8"	BWBRA075
90	191	108	23.9	152	4 x 20	5/8"	BWBRA090
110	229	128	23.9	190.5	8 x 20	5/8"	BWBRA110
125	254	140	23.9	216	8 x 22	3/4"	BWBRA125
140	254	158	23.9	216	8 x 22	3/4"	BWBRA140
160	279	178	25.4	241	8 x 22	3/4"	BWBRA160
180	279	195	25.4	241	8 x 22	3/4"	BWBRA180
200	343	235	28.4	298.5	8 x 22	3/4"	BWBRA200
225	343	238	28.4	298.5	8 x 22	3/4"	BWBRA225

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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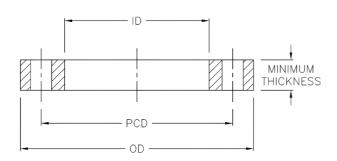


TECHNICAL DATA | GALVANISED STEEL BACKING RING ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Galvanised Steel

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
250	406	288	30.2	362	12 x 26	7/8"	BWBRA250
280	406	294	30.2	362	12 x 26	7/8"	BWBRA280
315	482	345	31.8	432	12 x 26	7/8"	BWBRA315
355	533	376	35	476	12 x 30	1"	BWBRA355
400	600	430	36.6	540	16 x 30	1"	BWBRA400
450	635	480	39.6	578	16 x 33	1.1/8"	BWBRA450
500	700	533	43	635	20 x 33	1.1/8"	BWBRA500
560	750	618	48	692	20 x 36	1.1/8"	BWBRA560
630	815	660	47.8	750	20 x 36	1.1/4"	BWBRA630
710	925	740	69.9	863.6	28 x 36	1.1/4"	BWBRA710
800	1060	835	81	977.9	28 x 41	1.3/4"	BWBRA800

Note:

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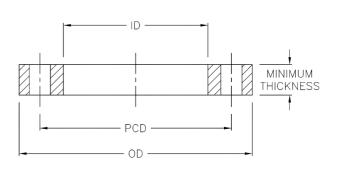


TECHNICAL DATA | GALVANISED STEEL BLIND FLANGE TABLE D/E

Standards: AS2129 | AS4087 Size Range: 20mm - 900mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Pressure Rating	Standard	Code
20	95	N/A	6	67	4 x 14	M12	PN10	AS2129	BWBFDE020
25	100	N/A	6	73	4 x 14	M12	PN10	AS2129	BWBFDE025
32	115	N/A	7	83	4 x 14	M12	PN10	AS2129	BWBFDE032
40	120	N/A	8	87	4 x 14	M12	PN10	AS2129	BWBFDE040
50	135	N/A	9	98	4 x 14	M12	PN10	AS2129	BWBFDE050
63	150	N/A	11	114	4 x 18	M16	PN16	AS4087	BWBFDE063
75	165	N/A	11	127	4 x 18	M16	PN16	AS4087	BWBFDE075
90	185	N/A	11	146	4 x 18	M16	PN16	AS4087	BWBFDE090
355	525	N/A	30	470	12 x 26	M24	PN16	AS4087	BWBFDE355
400	580	N/A	32	521	12 x 26	M24	PN16	AS4087	BWBFDE400
500	705	N/A	38	641	16 x 26	M24	PN16	AS4087	BWBFDE500
800	1060	N/A	56	984	20 x 36	M33	PN16	AS4087	BWBFDE800
900	1175	N/A	66	1092	20 x 36	M33	PN16	AS4087	BWBFDE900

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

Correct installation procedures should always be followed.

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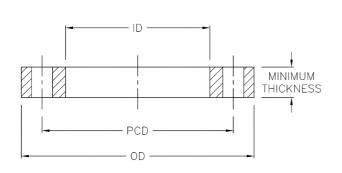


TECHNICAL DATA | GALVANISED STEEL BLIND FLANGE TABLE E

Standards: AS2129

Size Range: 110mm x 1000mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	N/A	13	178	8 x 18	M16	BWBFE110
160	280	N/A	17	235	8 x 22	M20	BWBFE160
200	335	N/A	19	292	8 x 22	M20	BWBFE200
250	405	N/A	22	356	12 x 22	M20	BWBFE250
315	455	N/A	25	406	12 x 26	M24	BWBFE315
450	640	N/A	35	584	16 x 26	M24	BWBFE450
560	760	N/A	44	699	16 x 30	M27	BWBFE560
630	825	N/A	48	756	16 x 33	M30	BWBFE630
710	910	N/A	51	845	20 x 33	M30	BWBFE710
1000	1255	N/A	67	1175	24 x 39	M36	BWBFE1000

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on. Correct installation procedures should always be followed.

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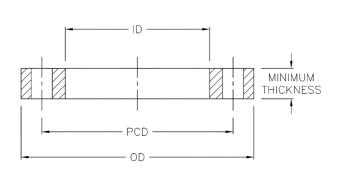
TECHNICAL DATA | GALVANISED STEEL BLIND FLANGE TABLE D

Standards: AS4087

Size Range: 110mm - 1000mm Materials: Galvanised Steel

Pressure Rating: PN16





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size mm	Code
110	215	N/A	13	178	4 x 18	M16	BWBFD110
180	280	N/A	13	235	8 x 18	M16	BWBFD160
200	335	N/A	19	292	8 x 18	M16	BWBFD200
250	405	N/A	19	356	8 x 22	M20	BWBFD250
315	455	N/A	23	406	12 x 22	M20	BWBFD315
450	640	N/A	30	584	12 x 26	M24	BWBFD450
630	825	N/A	48	756	16 x 30	M27	BWBFD630
710	910	N/A	56	845	20 x 30	M27	BWBRD710
1000	1255	N/A	66	1175	24 x 36	M33	BWBRD1000

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on.

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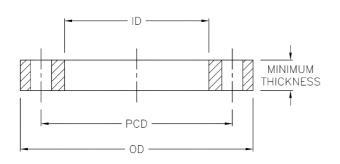


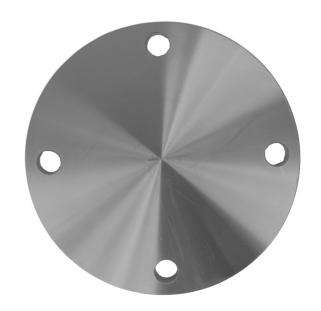
TECHNICAL DATA | GALVANISED STEEL BLIND FLANGE ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Galvanised Steel

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
20	90	N/A	11.2	60.5	4 x 16	1/2"	BWBFA020
25	98	N/A	12.8	70	4 x 16	1/2"	BWBFA025
32	108	N/A	14.2	79.5	4 x 16	1/2"	BWBFA32
40	117	N/A	15.7	89	4 x 16	1/2"	BWBFA40
50	127	N/A	17.5	98.5	4 x 16	1/2"	BWBFA50
63	152	N/A	19	120.5	4 x 20	5/8"	BWBFA63
75	178	N/A	22.3	139.5	4 x 20	5/8"	BWBFA75
90	191	N/A	23.9	152	4 x 20	5/8"	BWBFA90
110	229	N/A	23.9	190.5	8 x 20	5/8"	BWBFA110
125	254	N/A	23.9	216	8 x 22	3/4"	BWBFA125
140	254	N/A	23.9	216	8 x 22	3/4"	BWBFA140
160	279	N/A	25.4	241	8 x 22	3/4"	BWBFA160
180	279	N/A	25.4	241	8 x 22	3/4"	BWBFA180
200	343	N/A	28.4	298.5	8 x 22	3/4"	BWBFA200

Note:

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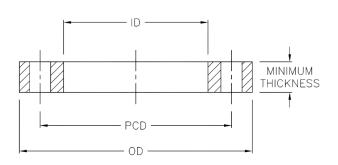


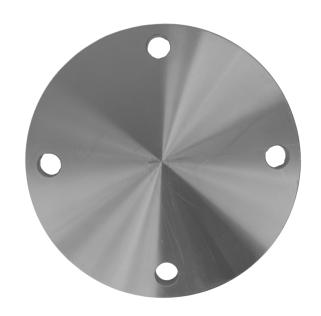
TECHNICAL DATA | GALVANISED STEEL BLIND FLANGE ANSI 150

Standards: ANSI

Size Range: 20mm - 800mm Materials: Galvanised Steel

Pressure Rating: ANSI 150





Nominal Pipe OD mm	OD mm	ID mm	Thickness mm	PCD mm	Bolt Hole No. x Dia	Bolt Size inch	Code
225	343	N/A	28.4	298.5	8 x 22	3/4"	BWBFA225
250	406	N/A	30.2	362	12 x 26	7/8"	BWBFA250
280	406	N/A	30.2	362	12 x 26	7/8"	BWBFA280
315	482	N/A	31.8	432	12 x 26	7/8"	BWBFA315
355	533	N/A	35	476	12 x 30	1"	BWBFA355
400	600	N/A	36.6	540	16 x 30	1"	BWBFA400
450	635	N/A	39.6	578	16 x 33	1.1/8"	BWBFA450
500	700	N/A	43	635	20 x 33	1.1/8"	BWBFA500
560	750	N/A	48	692	20 x 36	1.1/8"	BWBFA560
630	815	N/A	47.8	750	20 x 36	1.1/4"	BWBFA630
710	925	N/A	69.9	863.6	28 x 36	1.1/4"	BWBFA710
800	1060	N/A	81	977.9	28 x 41	1.3/4"	BWBFA800

Note:

Installation should always be performed by a licensed operator. As the thicknesses of these flanges differ, it is the responsibility of the licensed installer to check the pressure rating of the flange to be installed, is suitable for the system which it is being used on. Correct installation procedures should always be followed.

The drawings, materials and specifications outlined are subject to change without notice due to the continuous improvements and development of our product range.

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