

# Butt-Welded Eccentric Reducer

## Model: SD-BECR

A reducer is a fitting that can be used to connect between two different sizes of pipes. A concentric reducer shapes like a cone where eccentric reducer has an edge which is parallel to the joining pipe, this parallel edge outcomes in the two pipes having balanced centre lines.



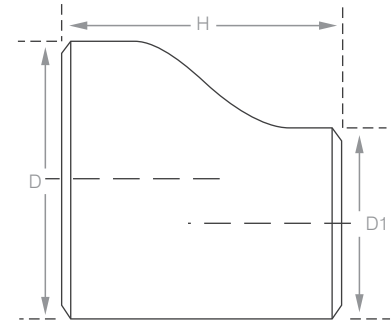
## Product Specifications:

Available Size	1/2" - 48"
Material	ASTM A234 Grade WPB
Dimension Standard	ASME B16.9
Application	HVAC & Chilled Water
Coating Finish	Black
End Type	Beveled End, Raised Face

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## Product Dimensions:

Nominal Pipe Size	Outside Diameter		End to End
	D mm	D1 mm	H mm
¾ x ¾	26.7	17.3	38
¾ x ½	26.7	21.3	38
1 x ½	33.4	21.3	51
1 x ¾	33.4	26.7	51
1¼ x ½	42.2	21.3	51
1¼ x ¾	42.2	26.7	51
1¼ x 1	42.2	33.4	51
1½ x ½	48.3	21.3	64
1½ x ¾	48.3	26.7	64
1½ x 1	48.3	33.4	64
1½ x 1¼	48.3	42.2	64
2 x ¾	60.3	26.7	76
2 x 1	60.3	33.4	76
2 x 1¼	60.3	42.2	76
2 x 1½	60.3	48.3	76
2½ x 1	73.0	33.4	89
2½ x 1¼	73.0	42.2	89
2½ x 1½	73.0	48.3	89
2½ x 2	73.0	60.3	89
3 x 1¼	88.9	42.2	89
3 x 1½	88.9	48.3	89
3 x 2	88.9	60.3	89
3 x 2½	88.9	73.0	89
3½ x 1¼	101.6	42.2	102
3½ x 1½	101.6	48.3	102
3½ x 2	101.6	60.3	102
3½ x 2½	101.6	73.0	102
3½ x 3	101.6	88.9	102
4 x 1½	114.3	48.3	102
4 x 2	114.3	60.3	102
4 x 2½	114.3	73.0	102
4 x 3	114.3	88.9	102
4 x 3½	114.3	101.6	102
5 x 2	141.3	60.3	127
5 x 2½	141.3	73.0	127
5 x 3	141.3	88.9	127
5 x 3½	141.3	101.6	127
5 x 4	141.3	114.3	127
6 x 2½	168.3	73.0	140
6 x 3	168.3	88.9	140
6 x 3½	168.3	101.6	140
6 x 4	168.3	114.3	140
6 x 5	168.3	141.3	140
8 x 3½	219.1	101.6	152
8 x 4	219.1	114.3	152
8 x 5	219.1	141.3	152



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## Product Dimensions:

Nominal Pipe Size	Outside Diameter		End to End
	D mm	D1 mm	H mm
8 x 6	219.1	168.3	152
10 x 4	273.0	114.3	178
10 x 5	273.0	141.3	178
10 x 6	273.0	168.3	178
10 x 8	273.0	219.1	178
12 x 5	323.8	141.3	203
12 x 6	323.8	168.3	203
12 x 8	323.8	219.1	203
12 x 10	323.8	273.0	203
14 x 6	355.6	168.3	330
14 x 8	355.6	219.1	330
14 x 10	355.6	273.0	330
14 x 12	355.6	323.8	330
16 x 8	406.4	219.1	356
16 x 10	406.4	273.0	356
16 x 12	406.4	323.8	356
16 x 14	406.4	355.6	356
18 x 10	457.0	273.0	381
18 x 12	457.0	323.8	381
18 x 14	457.0	355.6	381
18 x 16	457.0	406.4	381
20 x 12	508.0	323.8	508
20 x 14	508.0	355.6	508
20 x 16	508.0	406.4	508
20 x 18	508.0	457.0	508
22 x 14	559.0	355.4	508
22 x 16	559.0	406.4	508
22 x 18	559.0	457.0	508
22 x 20	559.0	508.0	508
24 x 16	610.0	406.4	508
24 x 18	610.0	457.0	508
24 x 20	610.0	508.0	508
24 x 22	610.0	559.0	508
26 x 18	660.0	457.0	610
26 x 20	660.0	508.0	610
26 x 22	660.0	559.0	610
26 x 24	660.0	610.0	610
28 x 18	711.0	457.0	610
28 x 20	711.0	508.0	610
28 x 24	711.0	610.0	610
28 x 26	711.0	660.0	610
30 x 20	762.0	508.0	610
30 x 24	762.0	610.0	610
30 x 26	762.0	660.0	610
30 x 28	762.0	711.0	610
32 x 24	813.0	610.0	610

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## Product Dimensions:

Nominal Pipe Size	Outside Diameter		End to End
	D mm	D1 mm	H mm
32 x 26	813.0	660.0	610
32 x 28	813.0	711.0	610
32 x 30	813.0	762.0	610
34 x 24	864.0	610.0	610
34 x 26	864.0	660.0	610
34 x 30	864.0	762.0	610
34 x 32	864.0	813.0	610
36 x 24	914.0	610.0	610
36 x 26	914.0	660.0	610
36 x 30	914.0	762.0	610
36 x 32	914.0	813.0	610
36 x 34	914.0	864.0	610
38 x 26	965.0	660.0	610
38 x 28	965.0	711.0	610
38 x 30	965.0	762.0	610
38 x 32	965.0	813.0	610
38 x 34	965.0	864.0	610
38 x 36	965.0	914.0	610
40 x 30	1016.0	762.0	610
40 x 32	1016.0	813.0	610
40 x 34	1016.0	864.0	610
40 x 36	1016.0	914.0	610
40 x 38	1016.0	965.0	610
42 x 30	1067.0	762.0	610
42 x 32	1067.0	813.0	610
42 x 34	1067.0	864.0	610
42 x 36	1067.0	914.0	610
42 x 38	1067.0	965.0	610
42 x 40	1067.0	1016.0	610
44 x 36	1118.0	914.0	610
44 x 38	1118.0	965.0	610
44 x 40	1118.0	1016.0	610
44 x 42	1118.0	1067.0	610
46 x 38	1168.0	965.0	711
46 x 40	1168.0	1016.0	711
46 x 42	1168.0	1067.0	711
46 x 44	1168.0	1118.0	711
48 x 40	1219.0	1016.0	711
48 x 42	1219.0	1067.0	711
48 x 44	1219.0	1118.0	711
48 x 46	1219.0	1168.0	711

# Butt-Welded Reducer Tee

## Miscellaneous Data:

### 1. Ordering Information

Example: SD-BECR-1-3

- SD-BECR is the part number
- (1) Black
- (3) Size

### 2. Contact Information

For further information on any aspect of the SHIELD Butt-Welded Fittings please contact below:

MIDDLE EAST & AFRICA	UNITED KINGDOM
Jebel Ali Free Zone, Dubai, UAE P.O Box: 61199 Tel.: +971 4 881 2070 Fax: +971 4 881 2198 Email: shieldme@shielglobal.com	Unit 3, Endeavor Drive, Basildon-Essex, SS3 14WF Tel.: +44 1708 377731 Fax: +44 1708347637 Email: shielduk@shielglobal.com