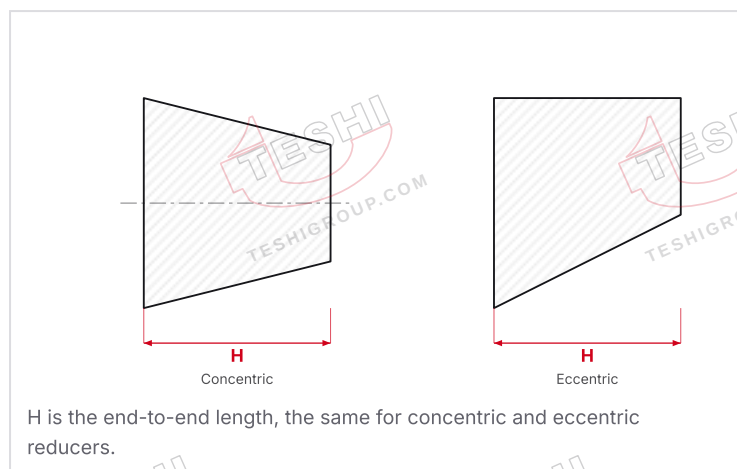


DIMENSIONAL STANDARD · ASME B16.9

ASME B16.9 Butt Weld Reducer Dimensions

End-to-end length of concentric and eccentric butt weld reducers, NPS ¾–48.

End-to-end length of **ASME B16.9 concentric and eccentric reducers** in millimetres. The length H depends only on the large-end size; the table also lists the small-end sizes the standard covers for each large end.



H End-to-end length

Reducers — end-to-end length (mm)

Large end NPS in	Small end NPS covered in	H End to end
¾"	½, ⅜	38
1"	¾, ½	51
1¼"	1, ¾, ½	51
1½"	1¼, 1, ¾, ½	64
2"	1½, 1¼, 1, ¾	76
2½"	2, 1½, 1¼, 1	89
3"	2½, 2, 1½, 1¼	89
3½"	3, 2½, 2, 1½, 1¼	102
4"	3½, 3, 2½, 2, 1½	102
5"	4, 3½, 3, 2½, 2	127
6"	5, 4, 3½, 3, 2½	140
8"	6, 5, 4, 3½	152
10"	8, 6, 5, 4	178
12"	10, 8, 6, 5	203
14"	12, 10, 8, 6	330
16"	14, 12, 10, 8	356
18"	16, 14, 12, 10	381
20"	18, 16, 14, 12	508
22"	20, 18, 16, 14	508
24"	22, 20, 18, 16	508
26"	24, 22, 20, 18	610
28"	26, 24, 20, 18	610

Large end NPS in	Small end NPS covered in	H End to end
30"	28, 26, 24, 20	610
32"	30, 28, 26, 24	610
34"	32, 30, 26, 24	610
36"	34, 32, 30, 26, 24	610
38"	36, 34, 32, 30, 28, 26	610
40"	38, 36, 34, 32, 30	610
42"	40, 38, 36, 34, 32, 30	610
44"	42, 40, 38, 36	610
46"	44, 42, 40, 38	711
48"	46, 44, 42, 40	711

Notes

- Dimensions are in millimetres unless stated otherwise.
- Other size combinations are manufactured to order.

Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions and properties before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions.

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