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DIMENSIONAL STANDARD · ASME B16.48

ASME B16.48 Spade & Ring Spacer Dimensions

ASME B16.48 spade (paddle blank) and ring spacer dimensions, Class 150: OD, spacer ID, centre to handle end, thickness and handle width in mm.

This chart gives **ASME B16.48 spade and ring spacer** dimensions in millimetres for Class 150 raised-face flanges — outside diameter, spacer bore, centre to handle end, thickness and handle width. A spade (paddle blank) isolates the line; the matching ring spacer keeps the gap when the line is in service.

Teshi Group manufactures spades, ring spacers and spectacle blinds in India.

- **A** Outside diameter
- **B** Inside diameter of the ring spacer
- **C** Centre to handle end
- **t** Thickness
- **W** Handle width

Spade and ring spacer — Class 150 (mm)

NPS	A Outside dia · mm	B Spacer inside dia · mm	C Centre to handle end · mm	t Thickness · mm	W Handle width · mm
1/2"	45	16	126	3	32
3/4"	54	21	131	3	32
1"	64	27	136	3	32
1 1/4"	73	42	145	6.4	32
1 1/2"	83	48	145	6.4	32
2"	102	61	155	6.4	32
2 1/2"	107	73	170	6.4	32
3"	133	89	170	6.4	32
3 1/2"	159	102	202	9.7	38
4"	172	114	202	9.7	38
5"	194	141	225	9.7	38
6"	219	168	225	12.7	38
8"	276	219	267	12.7	38
10"	337	273	322	15.7	44
12"	406	324	357	19.1	44
14"	448	356	378	19.1	44
16"	511	406	410	22.4	44
18"	546	457	427	25.4	51
20"	603	508	455	28.4	51
24"	714	610	512	31.8	51

Notes

- All dimensions are in millimetres.
- Spade = solid paddle (B not applicable); the ring spacer uses bore B. C is the centre-to-handle-end dimension.
- Reference values for estimation and checking. Verify against the current edition of the standard and the purchase specification before design, purchase or fabrication.

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 before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions. Online version: https://teshigroup.com/dimensional-standards/asme-b16-48-spade-spacer-dimensions/