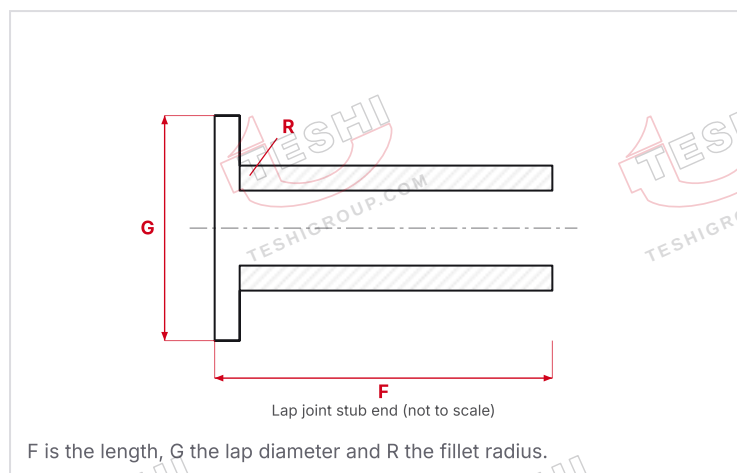


DIMENSIONAL STANDARD · ASME B16.9

ASME B16.9 Lap Joint Stub End Dimensions

Lap joint stub end length, lap diameter and fillet radius, NPS ½–24.

Dimensions of **lap joint stub ends** to ASME B16.9 in millimetres, in long pattern and short pattern (MSS SP-43) lengths, from NPS ½" to 24".



- OD** Outside diameter of barrel
- F** Length — long pattern and short pattern
- G** Diameter of lap
- R** Radius of fillet

Lap joint stub ends (mm)

NPS in	DN	OD Barrel	F Long pattern	F Short pattern	G Lap dia	R Fillet radius
½"	15	21.3	76	51	35	3
¾"	20	26.7	76	51	43	3
1"	25	33.4	102	51	51	3
1¼"	32	42.2	102	51	64	5
1½"	40	48.3	102	51	73	6
2"	50	60.3	152	64	92	8
2½"	65	73.0	152	64	105	8
3"	80	88.9	152	64	127	10
3½"	90	101.6	152	76	140	10
4"	100	114.3	152	76	157	11
5"	125	141.3	203	76	186	11
6"	150	168.3	203	89	216	13
8"	200	219.1	203	102	270	13
10"	250	273.0	254	127	324	13
12"	300	323.8	254	152	381	13
14"	350	355.6	305	152	413	13
16"	400	406.4	305	152	470	13
18"	450	457.0	305	152	533	13
20"	500	508.0	305	152	584	13
22"	550	559.0	305	152	641	13
24"	600	610.0	305	152	692	13



Notes

- Dimensions are in millimetres unless stated otherwise.
- The lap diameter G matches the raised-face diameter of an ASME B16.5 flange of the same size.
- Lap thickness is not less than the nominal pipe wall thickness.

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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