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DIMENSIONAL STANDARD · ASME B16.9 / MSS SP-43

Lap Joint Stub End Weight Chart (kg)

Lap joint stub end weight chart in kg for SCH 10S, 20, STD, 40, XS and 80, ASME B16.9 / MSS SP-43.

This chart gives approximate **lap joint stub end weights** in kilograms by wall schedule, SCH 10S to SCH 80, for long and short pattern stub ends used with lap joint flanges.

Teshi Group manufactures these fittings in India in carbon, low-temperature, alloy, stainless, duplex and nickel-alloy grades, with EN 10204 3.1 certificates.

kg Approximate weight per piece by wall schedule or class

Lap joint stub end — weight by schedule (kg)

NPS	DN	SCH10S kg	SCH20 kg	STD kg	SCH40 kg	XS kg	SCH80 kg
1/2"	15	0.07	0.09	0.09	0.12	0.12	0.16
3/4"	20	0.09	0.12	0.12	0.16	0.15	0.21
1"	25	0.15	0.25	0.18	0.32	0.24	0.43
1 1/4"	32	0.19	0.34	0.25	0.43	0.33	0.57
1 1/2"	40	0.22	0.39	0.31	0.52	0.43	0.75
2"	50	0.35	0.71	0.52	1.02	0.73	1.49
2 1/2"	65	0.46	0.95	0.81	1.6	1.1	2.22
3"	80	0.62	1.22	1.1	2.11	1.5	2.98
3 1/2"	90	0.7	1.36	1.52	2.55	2.09	3.65
4"	100	0.94	1.59	1.8	3.05	2.58	4.44
5"	125	1.3	2.8	2.25	5.42	3.6	7.86
6"	150	1.75	3.3	3.59	7.02	5.76	11.3
8"	200	2.9	4.95	5.98	10.6	9.18	16.2
10"	250	4.79	8.5	10.2	18.4	13.7	24.9
12"	300	7.2	10.9	14.9	22.8	19.5	30.2
14"	350	7.95	15	—	—	—	—
16"	400	9.5	17.3	—	—	—	—
18"	450	11.1	19.8	—	—	—	—
20"	500	14.1	25.9	—	—	—	—
22"	550	—	28.2	—	—	—	—
24"	600	19.8	35	—	—	—	—

Notes

- Weights are approximate net weights per piece in kg for carbon steel, for estimation, freight and packing only. For austenitic stainless steel multiply by about 1.01–1.02.
- 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-b16-9-stub-end-weight-chart/