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DIMENSIONAL STANDARD · ASME B16.9

ASME B16.9 Equal Tee Weight Chart (kg)

ASME B16.9 equal tee weight chart in kg for SCH 10S, 20, STD, 40, XS and 80, NPS ½ to 48.

This chart gives approximate **ASME B16.9 straight (equal) tee weights** in kilograms by wall schedule, SCH 10S to SCH 80.

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

Straight (equal) tee — weight by schedule (kg)

NPS	DN	SCH10S kg	SCH20 kg	STD kg	SCH40 kg	XS kg	SCH80 kg
1/2"	15	0.12	—	0.16	0.16	0.2	0.2
3/4"	20	0.14	—	0.2	0.2	0.3	0.3
1"	25	0.25	—	0.28	0.28	0.45	0.45
1 1/4"	32	0.46	—	0.6	0.6	0.7	0.7
1 1/2"	40	0.7	—	0.92	0.92	1.25	1.25
2"	50	1.2	—	1.48	1.48	2.15	2.15
2 1/2"	65	2.45	—	2.68	2.68	2.95	2.95
3"	80	1.9	—	3.76	3.76	4.35	4.35
3 1/2"	90	2.6	—	4.62	4.62	5.85	5.85
4"	100	3.1	—	6.5	6.5	7.66	7.66
5"	125	5.2	—	9.66	9.66	13.5	13.5
6"	150	7.2	—	14	14	19.3	19.3
8"	200	11.5	17.5	24.5	24.5	34.5	34.5
10"	250	19.2	28	41.3	41.3	58.4	67.5
12"	300	30.5	42.6	65	69	76.5	105
14"	350	40.5	64.5	83	96	104	142
16"	400	48	78.2	110	120	120	187
18"	450	58	102	132	170	159	263
20"	500	85	168	168	240	192	356
22"	550	92	185	185	—	209	416
24"	600	138	222	222	345	251	548
26"	650	—	340	240	—	340	—
28"	700	—	390	251	—	390	—
30"	750	224	420	280	—	420	—
32"	800	—	480	315	504	480	—
34"	850	—	540	351	561	540	—

NPS	DN	SCH10S kg	SCH20 kg	STD kg	SCH40 kg	XS kg	SCH80 kg
36"	900	—	610	396	790	610	—
38"	950	—	—	437	—	727	—
40"	1000	—	—	488	—	792	—
42"	1050	—	—	513	—	836	—
44"	1100	—	—	560	—	925	—
46"	1150	—	—	631	—	995	—
48"	1200	—	—	683	—	1080	—
52"	1300	—	—	798	—	—	—
56"	1400	—	—	906	—	—	—
60"	1500	—	—	1018	—	—	—

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-tee-weight-chart/