



SC MFG. GROUP

DBA HIDALGO METALS ENTERPRISE LTD.

ONTARIO, CANADA
FAMILY OWNED · 20+ YEARS

REFERENCE TABLES · 2026

NIPPLES

Stainless steel nipples made to ASTM A733 from ASTM A312 pipe, threaded both ends as standard. Close and short lengths and the weight per piece for every size and length, in schedule 40, 80, 160 and XXS.

ASTM A733, from ASTM A312 pipe

SCH 40 / 80 / 160 / XXS

T.B.E. standard; T.O.E., B.O.E.,
P.B.E.

Close and short patterns through
12"

4

SCHEDULES

1/8"-6"

NOMINAL SIZE

14

LENGTHS TABULATED

1,500+

TON PRESS

01

THE RANGE

ASTM A733

Made from ASTM A312 pipe to ASTM A733, in schedule 40, 80, 160 and XXS. Standard nipples are threaded both ends (T.B.E.). Also available threaded one end (T.O.E.), beveled one end (B.O.E.), plain both ends (P.B.E.), and in many other dimensions.

How the tables read. One row per nominal pipe size. Close and short give the standard close- and short-pattern nipple lengths in inches; the remaining columns give the weight per piece in pounds at each overall length. A blank means that length is not made in that size.

02

SCHEDULE 40

NPS 1/8" TO 6" • WEIGHT PER PIECE

NPS	CLOSE	SHORT	3/4-1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	8"	10"	12"
1/8	3/4	1 1/2	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.16	0.20	0.24
1/4	7/8	1 1/2	0.04	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.19	0.21	0.28	0.35	0.42
3/8	1	1 1/2	0.05	0.07	0.09	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.38	0.47	0.57
1/2	1 1/8	1 1/2	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.32	0.35	0.39	0.43	0.57	0.71	0.85
3/4	1 3/8	2	—	0.14	0.19	0.24	0.28	0.33	0.38	0.42	0.47	0.52	0.57	0.75	0.94	1.13
1	1 1/2	2	—	0.21	0.28	0.35	0.42	0.49	0.56	0.63	0.70	0.77	0.84	1.12	1.40	1.68
1 1/4	1 5/8	2 1/2	—	0.28	0.38	0.47	0.57	0.66	0.76	0.85	0.95	1.04	1.14	1.52	1.89	2.27
1 1/2	1 3/4	2 1/2	—	0.34	0.45	0.57	0.68	0.79	0.91	1.02	1.13	1.25	1.36	1.81	2.27	2.72
2	2	2 1/2	—	—	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.67	1.83	2.44	3.04	3.65
2 1/2	2 1/2	3	—	—	—	1.21	1.45	1.69	1.93	2.17	2.41	2.66	2.90	3.86	4.83	5.79
3	2 5/8	3	—	—	—	1.58	—	2.21	2.53	2.84	3.16	3.47	3.79	5.05	6.31	7.58
4	2 7/8	4	—	—	—	—	2.70	—	3.60	4.05	4.50	4.95	5.40	7.19	8.99	10.79
5	3	4	—	—	—	—	3.66	—	4.87	5.48	6.09	6.70	7.31	9.75	12.18	14.62
6	3 1/8	4	—	—	—	—	4.74	—	6.32	7.11	7.90	8.69	9.49	12.65	15.81	18.97

Weights per piece in pounds for stainless steel nipples, schedule 40. A dash means that length is not made in that size.

02

SCHEDULE 80

NPS 1/8" TO 6"

NPS	CLOSE	SHORT	3/4-1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	8"	10"	12"
1/8	3/4	1 1/2	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.16	0.21	0.26	0.31
1/4	7/8	1 1/2	0.04	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.25	0.27	0.36	0.45	0.54
3/8	1	1 1/2	0.06	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.49	0.62	0.74
1/2	1 1/8	1 1/2	0.09	0.14	0.18	0.23	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.73	0.91	1.09
3/4	1 3/8	2	0.12	0.18	0.25	0.31	0.37	0.43	0.49	0.55	0.61	0.68	0.74	0.98	1.23	1.47
1	1 1/2	2	—	0.27	0.36	0.45	0.54	0.63	0.72	0.81	0.91	1.00	1.09	1.45	1.81	2.17
1 1/4	1 5/8	2 1/2	—	0.37	0.50	0.62	0.75	0.87	1.00	1.12	1.25	1.37	1.50	2.00	2.50	3.00
1 1/2	1 3/4	2 1/2	—	0.45	0.61	0.76	0.91	1.06	1.21	1.36	1.51	1.66	1.82	2.42	3.03	3.63
2	2	2 1/2	—	—	0.84	1.05	1.26	1.46	1.67	1.88	2.09	2.30	2.51	3.35	4.19	5.02
2 1/2	2 1/2	3	—	—	—	1.60	1.92	2.23	2.55	2.87	3.19	3.51	3.83	5.11	6.38	7.66
3	2 5/8	3	—	—	—	2.14	—	2.99	3.42	3.84	4.27	4.70	5.13	6.83	8.54	10.25
4	2 7/8	4	—	—	—	—	3.75	—	4.99	5.62	6.24	6.87	7.49	9.99	12.48	14.98
5	3	4	—	—	—	—	5.20	—	6.93	7.79	8.66	9.52	10.39	13.85	17.32	20.78
6	3 1/8	4	—	—	—	—	7.14	—	9.52	10.71	11.90	13.09	14.29	19.05	23.81	28.57

Weights per piece in pounds for stainless steel nipples, schedule 80.

NOT LISTED?

Nipples are also supplied threaded one end, beveled one end and plain both ends, in lengths and schedules outside the charts above. Send the size, schedule and end preparation and we will quote it.

03

SCHEDULE 160 & XXS

NPS 1/2" TO 2"

SCHEDULE 160

LENGTHS 1 1/2" TO 6" · WEIGHT PER PIECE

NPS	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"
1/2	0.16	0.22	0.27	0.33	0.38	0.43	0.49	0.54	0.60	0.65
3/4	0.24	0.32	0.40	0.48	0.56	0.65	0.73	0.81	0.89	0.97
1	0.36	0.47	0.59	0.71	0.83	0.95	1.07	1.19	1.30	1.42
1 1/4	0.47	0.63	0.78	0.94	1.10	1.26	1.41	1.57	1.73	1.88
1 1/2	0.61	0.81	1.01	1.21	1.42	1.62	1.82	2.02	2.23	2.43
2	—	1.24	1.55	1.86	2.17	2.48	2.79	3.10	3.41	3.72

Weights per piece in pounds for stainless steel nipples, schedule 160.

SCHEDULE XXS

DOUBLE EXTRA STRONG · LENGTHS 1 1/2" TO 6"

NPS	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"
1/2	0.21	0.29	0.36	0.43	0.50	0.57	0.64	0.71	0.79	0.86
3/4	0.31	0.41	0.51	0.61	0.71	0.81	0.92	1.02	1.12	1.22
1	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83
1 1/4	0.65	0.87	1.09	1.30	1.52	1.74	1.96	2.17	2.39	2.61
1 1/2	0.80	1.07	1.34	1.60	1.87	2.14	2.40	2.67	2.94	3.20
2	—	1.50	1.88	2.26	2.63	3.01	3.39	3.76	4.14	4.51

Weights per piece in pounds for stainless steel nipples, schedule XXS (double extra strong).