

PIPE NIPPLES AND PIPE COUPLINGS



Specification

Unless otherwise specified welded nipples ASTM A 53 are furnished on orders for steel nipples in standard and extra strong sizes $\frac{1}{8}$ " – 8" NPS (6 – 200 DN).

Welded steel nipples (A 53 Type F or Type E) are available in standard and extra strong sizes $\frac{1}{8}$ " – 8" NPS (6 – 200 DN), right hand threads, black or galvanized.

Seamless nipples manufactured for the U.S. and International markets are not phosphate coated. Seamless nipples manufactured for Canada are phosphate coated.

Seamless steel pressure tube nipples (ASTM A 106 Grade B) are available in standard and extra strong sizes $\frac{1}{8}$ " – 8" NPS (6 – 200 DN) with right hand threads, black only.

Right and left steel nipples are available in standard and extra heavy weight sizes $\frac{1}{8}$ " – 4" NPS (8 – 50 DN), in 4" (102mm) and 6" (152mm) lengths.

Nipples are available from stock in $\frac{1}{8}$ " – 8" NPS (6 – 200 DN) diameter, close to 12 NPS (300 DN) in length. Sizes 13" – 24" NPS (325 – 600 DN). (Prices on application.)

Steel pipe nipples meet ASTM A733.

$\frac{1}{8}$ " Schedule 40 and 80 galvanized nipples are all electroplated.

Identification

Where possible, each seamless pipe nipple is identified with the following:

- A trade mark
- Seamless designation "SMLS"
- Pipe schedule STD, XS/XH, SCH 160 and XXS/XXH
- Material designation A106 B
- Heat number for traceability

Standards and Specifications

	Dimensions	Material	Thread	Federal/Other
PIPE NIPPLES				
Steel Pipe - Welded	ASTM A733	ASTM A53 Type F or Type E	ASME B1.20.1+	WWN 351
Steel Pipe - Seamless (High Temp.)	ASTM A733	ASTM A106 Gr. B	ASME B1.20.1+	WWN 351
Brass		ASTM B43	ASME B1.20.1+	WWN 351

+ ASME B1.20.1 was ANSI B2.1

PIPE NIPPLES

Welded Pipe Nipples

Black & Galvanized, Std. Sch. 40, XH Sch. 80



FIG. 339:
Standard
Black Schedule 40

FIG. 338:
Extra Heavy
Black Schedule 80

FIG. 343:
Standard
Galv. Schedule 40

FIG. 342:
Extra Heavy
Galv. Schedule 80

Material

ASTM A53 Standard Specification for Pipe Steel, Black, Galvanized, Hot-Dipped, Zinc Coated, Welded.

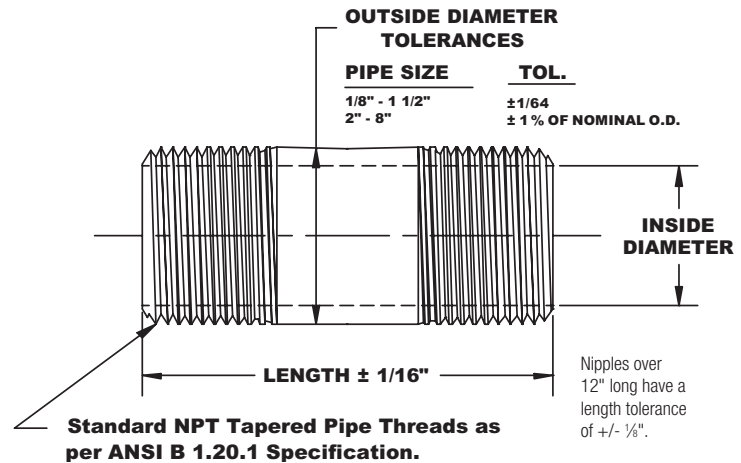
Applicable specification

ASTM A733

(Refer to the chart below for specific pipe dimensions.)

Note: Minimum wall thickness at any point to be not more than +/- 10% nominal wall thickness specified for that size pipe.

Standard and Extra Heavy right and left nipples available in 1/8" - 4" diameter and 4" and 6" lengths.



Pipe Size in	Pipe O.D. in	Length Close in	Pipe Nipple Lengths															
			1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1/8	0.405	3/4																
1/4	0.540	7/8																
3/8	0.675	1																
1/2	0.840	1 1/8																
3/4	1.050	1 3/8																
1	1.315	1 1/2																
1 1/4	1.660	1 5/8																
1 1/2	1.900	1 3/4																
2	2.375	2																
2 1/2	2.875	2 1/2																
3	3.500	2 5/8																
3 1/2	4.000	2 3/4																
4	4.500	2 7/8																
5	5.563	3																
6	6.625	3 1/8																

Note: Other lengths available.

8" Pipe Size available as POA - contact your Anvil Representative for details.