



CS Black Steel Barrel Nipple With Std. Sch.40 XH Sch.80 Sch.160 XXH

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-NIP-C01 Nipple Socket
- Minimum Order Quantity: 100PCS
- Price: USD0.5-USD3 each
- Packaging Details: carton box+ pallets
- Delivery Time: 7 days for stock items, 30 days for newly produced items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 100000pcs one month



Product Specification

- Thread: ANSI B.1.20.1 DIN 2999, ISO 7/1, ISO 228, NPT, BSPT, BSP
- Thickness: Sch20, Sch40, Sch80, Sch120, Sch160,xs, Xxs, Customize
- Size: 1/4" To 6" 8MM-DN150MM
- Length: 1/2"-12" 15mm-300mm, Longer As Per Customize
- Material: A106GR.B, A53GR.B, API5L GR.B Stainless Steel
- Surface: Black, Sandblast, Pickling, Anti-rust Oil, Zinc Plated, Galvanized.
- Highlight: **Steel Nipple Socket, Sch.40 XH Nipple Socket, Sch.160 XXH barrel pipe nipple**

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Product Description

CS Black Steel Barrel Nipples With Std. Sch. 40, XH Sch. 80, Sch. 160, XXH

Seamless Nipple

Black & Galvanized steel Nipples with Std. Sch. 40, XH Sch. 80, Sch. 160, XXH

Applicable Specification

ASTM A733

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

Standard NPT Tapered Pipe Threads as per ANSI B 1.20.1 Specification.

Welded Pipe Nipples

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

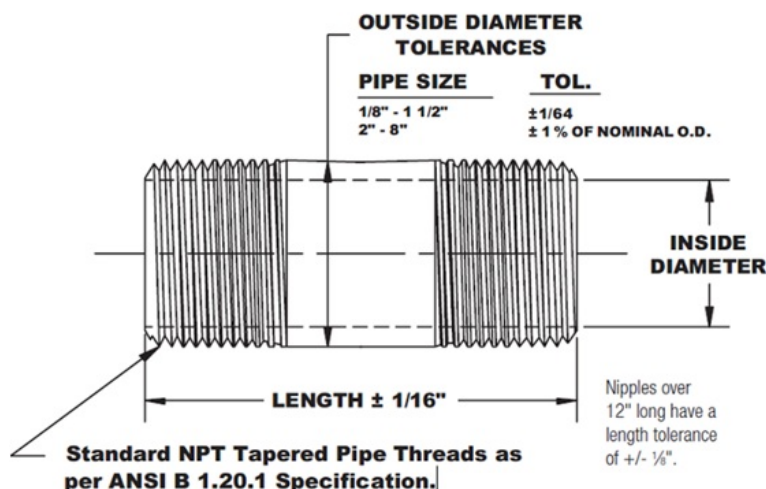
Material

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

Note: both the welded nipples and seamless nipples with Minimum wall thickness at any point to be not more than 10% over and 3 1/2% under nominal wall thickness specified

Product Information/Product Description/Basis Information/Specification

Products Name	Pipe Nipples and Sockets
Types	Close Nipple, long nipple, barrel Nipple, Swage Nipples, TBE nipple, PLE nipple, TSE nipple, BLE nipple, TLE Nipple, PSE nipple
Size	1/8"-6"
Wall Thickness	SCH20 ,SCH30,STD,SCH40S,SCH60,XS,SCH80S,SCH100,SCH120,,SCH160S,X XS ,DIN, SGP JIS thickness
Connection	Threaded Ends NPT, BSPT, BSPP ANSI B1.20.1, BS21, DIN2999
Design Standard	ASTMA733 DIN2982 DIN2988 BS3187 EN10241:2000
Material Grade	Carbon Steel A106GR.B A53GR.B, ST37 RST37.2 Stainless Steel 304, 304L, 304H, 316, 316L, 316H, 310, SS321, SS321H, 347, 347H, 904L Duplex SS 2507, DSS2205, UNS31803 UNS32750 UNS32760 1.4301, 1.4306, 1.4401, 1.4435, 1.4406, 1.4404, 1.4462, 1.4410, 1.4501
Surface	Black, Electric Galvanized, Cold Galvanized, Hot. Dipped Galvanized, zinc Plated



Steel Barrel Nipples with ASTM A733 Standard

NPS	OD	L	Pipe Nipple Lengths (Inches)
in	in	in	

1/8	0.405	3/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
1/4	0.54	7/8	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
3/8	0.675	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
1/2	0.84	1 1/8	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
3/4	1.05	1 3/8	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
1	1.315	1 1/2		2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
1 1/4	1.66	1 5/8		2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
1 1/2	1.9	1 3/4		2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
2	2.375	2			2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
2 1/2	2.875	2 1/2				3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
3	3.5	2 5/8				3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12
4	4.5	2 7/8						4	4 1/2	5	5 1/2	6	8	10	12
5	5.563	3							4 1/2	5	5 1/2	6	8	10	12
6	6.625	3 1/8							4 1/2	5	5 1/2	6	8	10	12

Long Nipples with EN 10241:2000 BSPT BSPP

SIZE	Type 01 (MM)				Type 02 (MM)			
	OD	Thick	Length	KGS	OD	Thickness	Length	KGS
1/8"	14.0	2.7	17	0.023	15.000	3.200	19.000	0.018
1/4"	18.5	3.2	25	0.028	18.500	3.530	27.000	0.034
3/8"	21.3	3.2	26	0.032	22.000	3.530	28.000	0.041
1/2"	26.4	3.8	34	0.069	27.000	4.180	37.000	0.074
3/4"	31.8	3.8	36	0.092	32.500	4.190	39.000	0.104
1"	39.5	4.6	43	0.157	39.500	4.660	46.000	0.153
1-1/4"	48.3	4.7	48	0.240	49.000	5.020	51.000	0.240
1-1/2"	54.8	4.7	48	0.251	56.000	5.580	51.000	0.340
2"	66.3	4.8	56	0.388	68.000	5.670	60.000	0.501
2-1/2"	82.0	4.9	65	0.494	84.000	5.900	69.000	0.742
3"	95.0	5.0	71	0.615	98.000	6.540	75.000	0.957
4"	122.0	6.0	83	1.175	124.000	6.970	87.000	1.579
5"	147.0	6.0	92	1.530	151.000	7.760	96.000	2.306
6"	174.0	6.5	92	1.900	178	8.57	96	3.310

Features /Characteristics

Steel Pipe used for Schedules 40 & 80 welded nipples conforms to ASTM A53

Steel Pipe used for Schedule 80 nipples conforms to ASTM A106 Grade B

Both welded and seamless steel nipples conform to ASTM A733

NPT threads on all nipples conform to ASME B1.20.1

Independent lab verification that fittings meet applicable chemical & physical property

Application and usage:

Electric power, oil and gas, petrochemical, chemical, marine, heating, Metallurgy

Reference Standards

ASME B16.9 Specification for Butt Welded Fittings

ASME B16.9 specification is designed for butt welded fittings applied in industrial construction pipelines. Including elbow, tee, cross, cap, reducer, and etc.

Standard Scope

The standard includes specifications of NPS 1/2 to NPS 48 (DN15-DN1200) factory-made wrought butt-welded pipe fittings overall dimensions, tolerances ratings, test methods and markings.

Special Fittings

Special fittings here refer to special sizes, forms and tolerances that agreed between buyer and manufacturer.

Fabricated Fittings

Fabricated laterals and other fittings by circumferential or intersection welds are considered pipe fabrication could not apply this standard.

Units under ASME B16.9 shall be stated in both SI (Metric) and U.S. Customary units. Designation for size is NPS.

Reference Standards

It is not considered practical to identify the specific edition of each standard and specification in the individual references. A product made comply with a prior edition of referenced standards and in all other respects conforming to this standard will be considered complied.

ASME B16.5: Pipe Flanges and Flanged Fittings: NPS 1/2 Through NPS 24 Metric/Inch Standard

ASME B16.25: For Buttwelding Ends

ASME B31: Code for Pressure Piping

ASME B31.3: Process Piping

ASME B36.10M, Welded and Seamless Wrought Steel Pipe

ASME B36.19M, Stainless Steel Pipe

ASME Boiler and Pressure Vessel Code

ASTM A234/A234M-17, Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service

ASTM A403/A403M-16, Specification for Wrought Austenitic Stainless Steel Piping Fittings

ASTM A420/A420M-16, Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low Temperature Service

ASTM A815/A815M-14e1, Specification for Wrought Ferritic, Ferritic/Austenitic and Martensitic Stainless Steel Piping Fittings



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