

Conduit Fittings: Nipple, DNP Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

DNP nipples are cylindrical accessories with male-threaded ends, designed for connecting to female-threaded entries.

Specification

Material : Intermediate Metal Conduit (IMC)
Finishing galvanize coated thread,
Stainless Steel, SS 304,
Stainless Steel, SS 316,
Brass (optional nickel-plated brass)

Standard NPT thread:

ANSI/ASME B1.20.1

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex II 2G	Ex II 2D
Symbol of Protection	Ex db IIC Gb Ex eb IIC Gb	Ex tb IIIC Db
Certificate	KDB 21 ATEX 0037U IECEx KDB 21.0007U	
T Rating	Temperature class of enclosure to which will be connected.	
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-7, EN IEC 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31	
Ambeint Temperature	-40°C to +80°C (-60°C to +150°C stainless steel or Brass)	
Index of Protection	IP66	

On request:

Custom lengths available upon request for nipple lengths exceeding the values specified in the table.

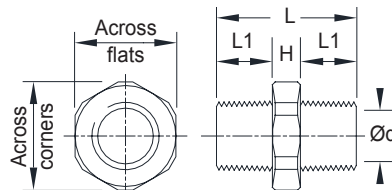
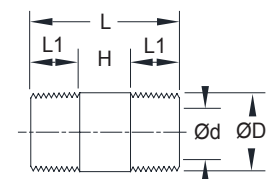
Catalogue Number Logic

Series	Thread size	Length	Material
DNP -			
I	IMC	S4	Stainless steel, SS 304
B	Brass	S6	Stainless steel, SS 316

Ordering Requirements and Dimensions

IMC (standard)

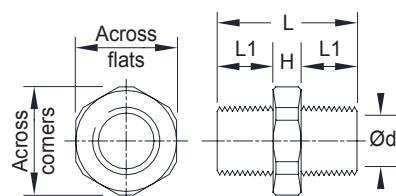
Stainless steel or Brass



Cat. No.	Entry threads (Male)	Dimensions in mm				
		L	L1	H	Inside diameter (Ød)	Outside diameter (ØD)
DNP -N1 -59 I	1/2" NPT	59.70	19.85	20.0	17.12	20.70
DNP -N2 -60 I	3/4" NPT	60.30	20.15	20.0	22.34	26.14
DNP -N3 -70 I	1" NPT	70.00	25.00	20.0	28.45	32.77
DNP -N4 -71 I	1-1/4" NPT	71.22	25.61	20.0	37.27	41.59
DNP -N5 -72 I	1-1/2" NPT	72.08	26.04	20.0	43.23	47.81
DNP -N6 -73 I	2" NPT	73.74	26.87	20.0	55.11	59.93
DNP -N7 -104I	2-1/2" NPT	104.80	39.90	25.0	65.44	72.56
DNP -N8 -107I	3" NPT	107.98	41.49	25.0	81.17	88.29
DNP -N9 -110I	3-1/2" NPT	110.52	42.76	25.0	93.74	100.86
DNP -N10 -113I	4" NPT	113.06	44.03	25.0	106.28	113.40

Cat. No.	Entry threads (Male)	Dimensions in mm				
		L	L1	H	Inside diameter (Ød)	Across flats
DNP -N1 -59 □	1/2" NPT	59.70	19.85	20.0	14.5	24.5
DNP -N2 -60 □	3/4" NPT	60.30	20.15	20.0	18.0	31.75
DNP -N3 -70 □	1" NPT	70.00	25.00	20.0	24.0	38.10
DNP -N4 -71 □	1-1/4" NPT	71.22	25.61	20.0	31.0	44.40
DNP -N5 -72 □	1-1/2" NPT	72.08	26.04	20.0	37.0	50.80
DNP -N6 -73 □	2" NPT	73.74	26.87	20.0	49.0	63.50
DNP -N7 -104 □	2-1/2" NPT	104.80	39.90	25.0	60.0	76.20
DNP -N8 -107 □	3" NPT	107.98	41.49	25.0	74.0	101.00
DNP -N9 -110 □	3-1/2" NPT	110.52	42.76	25.0	86.0	114.00
DNP -N10 -113 □	4" NPT	113.06	44.03	25.0	96.0	120.00

Stainless steel or Brass (Metric)



Cat. No.	Entry threads (Male)	Dimensions in mm				
		L	L1	H	Inside diameter (Ød)	Across flats
DNP-M1-50 □	M20x1.5	50.0	15.0	20.0	14.5	26.5
DNP-M2-50 □	M25x1.5	50.0	15.0	20.0	18.0	31.75
DNP-M3-50 □	M32x1.5	50.0	15.0	20.0	24.0	42.0
DNP-M4-50 □	M40x1.5	50.0	15.0	20.0	32.0	49.0
DNP-M5-50 □	M50x1.5	50.0	15.0	20.0	40.0	63.0
DNP-M6-50 □	M63x1.5	50.0	15.0	20.0	51.0	77.0