

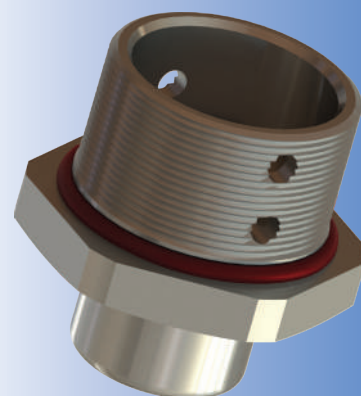
## Drain Plugs, Metal

### Drain Plugs

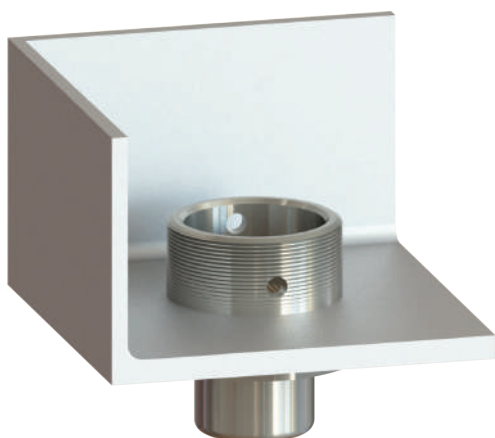
- Balances pressure differences between inner housing and the outside environment.
- Prevents damages according to pressure differences.
- Prevents the formation of water condensation in tightly-sealed standard housings.
- Membrane properties: hydrophobic, oleophobic.

#### Technical Details

Material	Body	Brass, Brass Nickel Plated, Stainless Steel
	Bushing	Bronze
	O-ring	Silicone
Ingress Protection Rating		IP 68 - 5 Bar, 30 min
		IP 66
Operating Temperature	Seal Material	
	Silicone	-60°C to +85°C
Thread Type		Metric (M) EN 60423
		NPT (N) ANSI ASME B1.20.1
Accessories		• Lock nuts
		• Gaskets (Washers)
Remarks		• We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes.
		• Accessories must be ordered separately.
		• O-ring available in Metric threads.

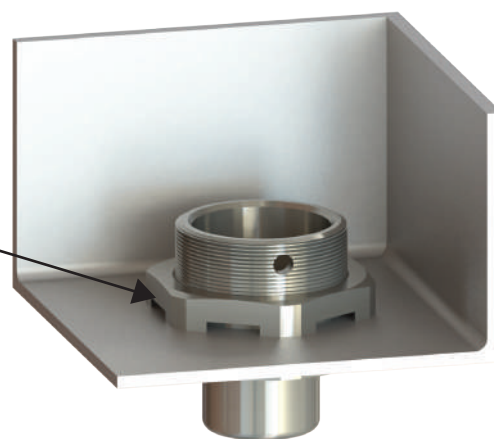


Threaded Hole



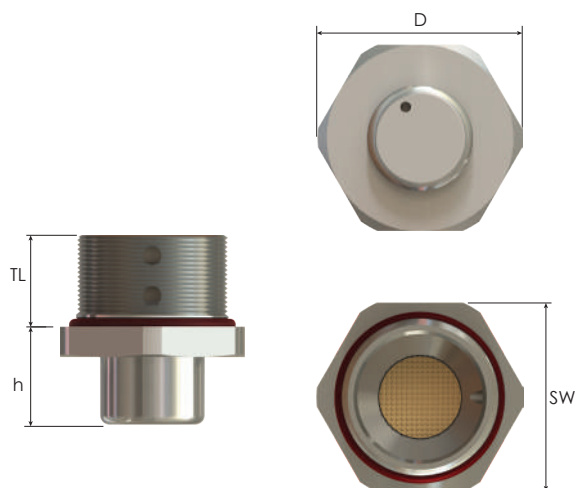
Non-Threaded Hole

Special Lock Nut for Drain Plug



Order Coding				
Part Number	Material	Seal	-	Lock Nut
Mandatory	Mandatory	Mandatory	-	Option
See table	B Brass	S Silicone	-	L Lock Nut
	BN Brass Nickel Plated		-	
	X Stainless Steel			
Example				
IBDRV-1M	BN	S	-	L

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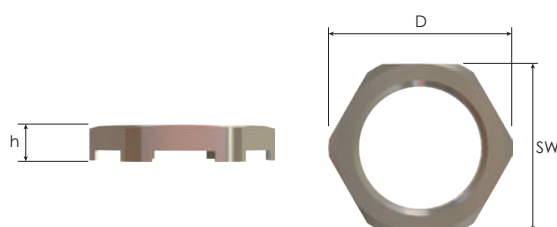
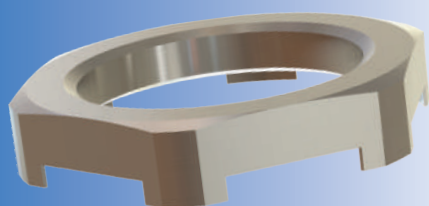


Thread Type **METRIC** acc. to EN 60423

Outer Thread Size (Male)	Outer Thread Length	Spanner Width	Outer Ø	Height	Part Number	Minimum Order Quantity
	TL mm	SW mm	D mm	h mm		
M20x1,5	15,0	25	27,5	16,0	IBDRV-1M	189
M25x1,5	15,0	30	33,0	16,0	IBDRV-2M	105

Thread Type **NPT** acc. to ANSI ASME B1.20.1

Outer Thread Size (Male)	Outer Thread Length	Spanner Width	Outer Ø	Height	Part Number	Minimum Order Quantity
	TL mm	SW mm	D mm	h mm		
NPT 1/2"	16,0	25	27,5	16,0	IBDRV-1N	189
NPT 3/4"	16,0	30	33,0	16,0	IBDRV-2N	105



## Special Lock Nuts for Drain Plugs

Inner Thread Size (Female)	Spanner Width SW mm	Outer Ø D2 mm	Height h mm	Part Number	Minimum Order Quantity
M20x1,5	25	27,5	5,0	BDRL-03	189
M25x1,5	30	33,0	5,0	BDRL-04	105
NPSL 1/2"	25	27,5	5,0	BDRLN-03	189
NPSL 3/4"	30	33,0	5,0	BDRLN-04	105