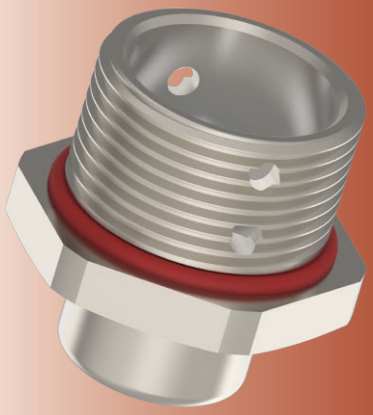
VIRGO

Drain plugs for Ex e application

Drain Plug

- Effectively draining moisture out off an enclosure.
- Prevents damages, such as condensation water.
- Allows the air inside the enclosure to breathe with the surrounding atmosphere.



Technical Details			
Material	Body ,Cap	Brass, Brass Nickel Plated, Stainless Steel 316L	
	Membrane	Bronze	
	O-Ring	Silicone	
Ingress Protection Rating		IP 66	
Operating Temperature		Seal Material	
		Silicone	
Ex e/tb		-60°C to +85°C	
Equipment For		• Gas & Dust potentially explosive atmospheres.	
Suitable for use in		Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22	
Equipment Marking		Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db IP66	
Marking Example *		BMD BDRV... CE 0722 Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db Ta -60°C to +85°C IP66 IMQ 13 ATEX 030X IECEx IMQ 14.0003X	
Type Protection		Ex eb ; Ex tb	
Thread Type		• Metric (M) ISO Pitch 1,5 • Npt (N) ANSI ASME B1.20.1	
Accessories		• Lock Nut	
Remarks		• O-ring available in Metric outer threads. • Accessories must be ordered separately.	
Approvals		Certificate Number	Standards
Ex		IMQ 13 ATEX 030X	EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014
IECEx		IECEx IMQ 14.0003X	IEC 60079-0:2011 Edition:6 IEC 60079-31:2013 Edition:2 IEC 60079-7:2015 Edition:5
EAC		№ TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013

-For details of approvals, see our website.
*** The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.**

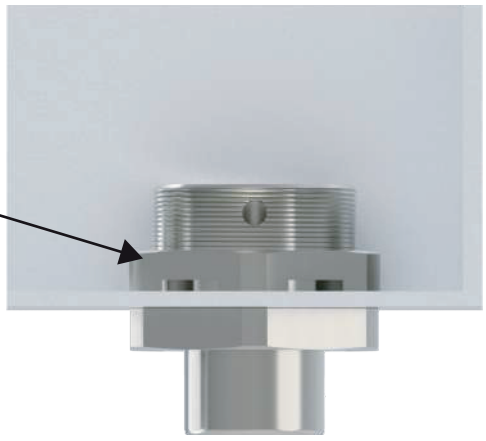
Ideally it should be located at the lowest point of the housing to ensure optimum draining.

Threaded Hole



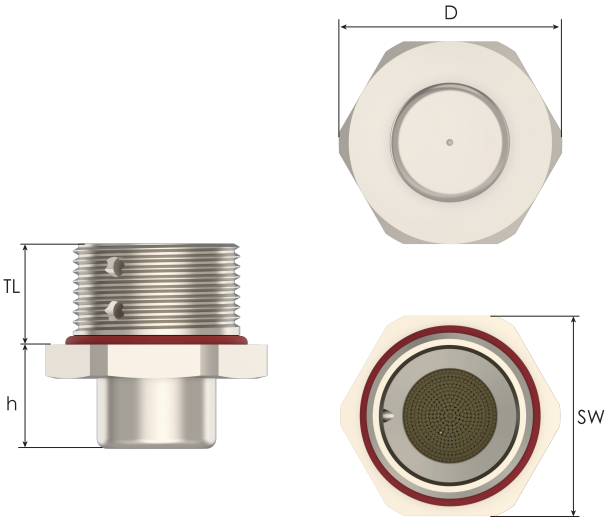
Non-Threaded Hole

Special Lock Nut for Drain Plug



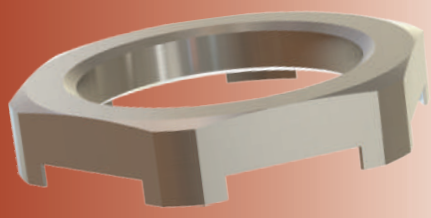
Order Coding				
Part Number	*Material*	*Seal*	-	*Lock Nut*
Mandatory	Mandatory	Mandatory	-	Option
See table	B Brass BN Brass Nickel Plated X Stainless steel 316L	S Silicone	-	L Lock Nut
Example				
BDRV-1M	BN		-	

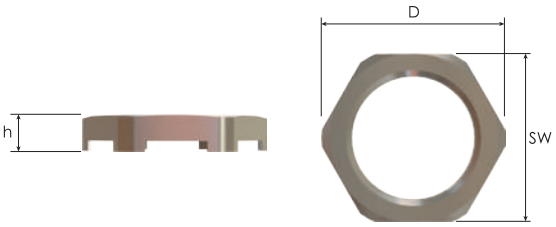
VIRGO
Drain Plugs Ex e applications



Thread Type **METRIC** acc. to ISO 965-3					
Outer Thread Size (Male)	Outer Thread Length TL mm	Spanner Width SW mm	Outer Ø D2 mm	Height h mm	Part Number
M20x1,5	15,0	25	27,5	16,0	**BDRVY-1M**
M25x1,5	15,0	30	33,0	16,0	**BDRVY-2M**

Thread Type **NPT** acc. to ANSI ASME B1.20.1					
Outer Thread Size (Male)	Outer Thread Length TL mm	Spanner Width SW mm	Outer Ø D2 mm	Height h mm	Part Number
NPT 1/2"	16,0	25	27,5	16,0	**BDRVY-1N**
NPT 3/4"	16,0	30	33,0	16,0	**BDRVY-2N**





Special Lock Nuts for Drain Plugs

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