PLUG

Ex d, Ex e, Ex t, IP65/66/67/68
for INDUSTRIAL and Ex de I/II/IIIC

Features and Benefits

- Precision manufactured from high quality brass electroless nickel plated or stainless steel on request.
- Converts mismatching threads to the required thread.

Technical Data

Type:	Plugs
Material:	Brass Electroless Nickel Plated and Stainless Steel

Standards and Certifications

Equipment Protection Levels:	Ex d I/II MbGb, Ex e I/IIC MbGb, Ex t IIIC Db IM2/II2GD	
Certification:		Standard:
Australian/New Zealand/IEC	IECEx ITA 13.0005X	IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31, IEC 60529
ATEX	SIRA14ATEX1006X	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31, EN 60529
Chinese	CNEx 09.0916U	GB 3836.1, GB 3836.2, GB 3836.3, GB 12476.1
Marine	14-SG1216922-PDA	
SANS/SABS/IEC	MASC MS/13-594X	IEC 60079-0, IEC60079-1, IEC 60079-7, IEC 60079-31, IEC 60529
Ingress Protection - Parallel	IP66/67/68 (2m cont.)	
Ingress Protection - Tapered	IP65 (NPT)	

Conditions, Instructions and limitations for Safe Use - X

- An IP rating of IP66/67/68 is maintained for units with parallel threads when used with the supplied washer and for units with tapered thread when thread sealant is conducted as indicated in IEC60079-14. Alternatively an IP65 rating is applicable.
- A service temperature range of -20°C to 95°C is applicable if the washers are utilized to maintain an IP rating IP65/66/67/68 2m cont.
- A blanking element may not be installed on a plug.

NPT, METRIC, BSP - STOPPER PLUG
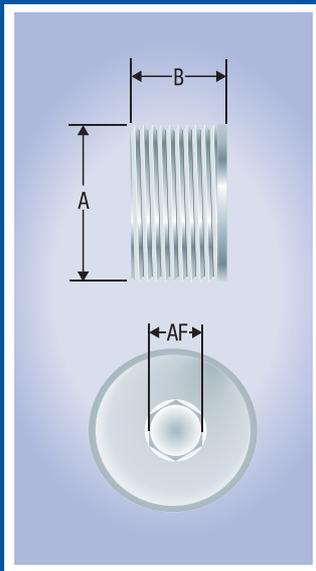
NPT - Stopper Plug

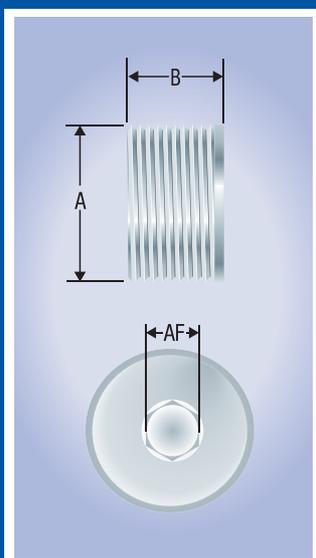| Product Code Outside Enclosure	Product Code Inside Enclosure	NPT Plug "A"	Dimension +2.0 - 0.0 "B"	Dimension A/F Min *
PSN012E	PSN012ER	½	15.0	10.0
PSN034E	PSN034ER	¾	15.0	10.0
PSN001E	PSN001ER	1	19.0	10.0
PSN114E	PSN114ER	1¼	19.0	10.0
PSN112E	PSN112ER	1½	21.0	14.0
PSN002E	PSN002ER	2	21.0	14.0
PSN212E	PSN212ER	2½	30.0	14.0
PSN003E	PSN003ER	3	32.0	14.0
PSN312E	PSN312ER	3½	33.0	14.0
PSN004E	PSN004ER	4	34.0	14.0

All dimensions except NPT are in mm.
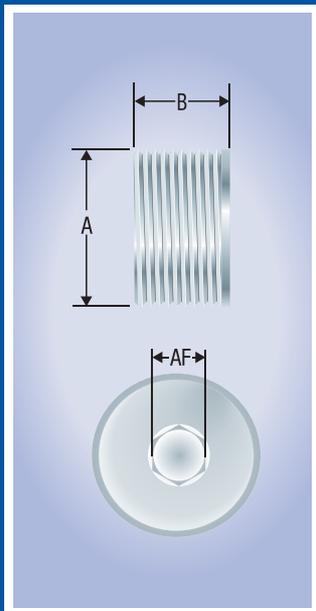
METRIC - Stopper Plug

| Product Code Outside Enclosure	Product Code Inside Enclosure	Metric Plug "A"	Dimension +2.0 - 0.0 "B"	Dimension A/F Min *
PSM016E	PSM016ER	M16	17.0	10.0
PSM020E	PSM020ER	M20	17.0	10.0
PSM025E	PSM025ER	M25	17.0	10.0
PSM032E	PSM032ER	M32	17.0	10.0
PSM040E	PSM040ER	M40	17.0	10.0
PSM050E	PSM050ER	M50	17.0	10.0
PSM063E	PSM063ER	M63	17.0	14.0
PSM075E	PSM075ER	M75	17.0	14.0
PSM080E	PSM080ER	M80x2 P	21.0	14.0
PSM090E	PSM090ER	M90x2 P	21.0	14.0
PSM100E	PSM100ER	M100x2 P	21.0	14.0

All dimensions are in mm.

BSP - Stopper Plug

Product Code Outside Enclosure	Product Code Inside Enclosure	BSP Plug "A"	Dimension +2.0 - 0.0 "B"	Dimension A/F Min *
PSB012E	PSB012ER	½	17.0	10.0
PSB034E	PSB034ER	¾	17.0	10.0
PSB001E	PSB001ER	1	21.0	10.0
PSB114E	PSB114ER	1¼	21.0	10.0
PSB112E	PSB112ER	1½	21.0	10.0
PSB002E	PSB002ER	2	21.0	10.0
PSB212E	PSB212ER	2½	21.0	14.0
PSB003E	PSB003ER	3	21.0	14.0
PSB312E	PSB312ER	3½	21.0	14.0
PSB004E	PSB004ER	4	21.0	14.0

All dimensions except BSP are in mm.

See Handi Fit and/or Posi Fit Junction Box data sheet for Non Metallic Plug
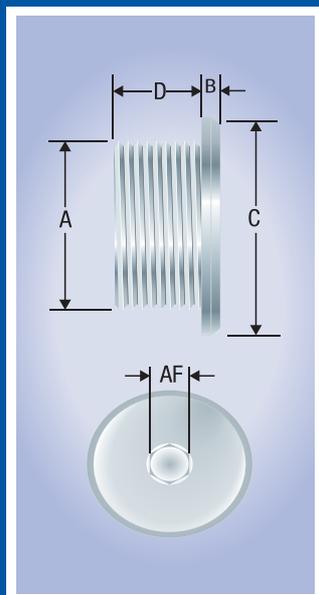
NPT, METRIC, BSP - DOME PLUG
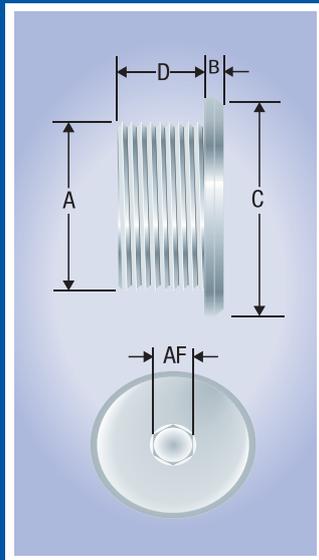
NPT - Dome Plug

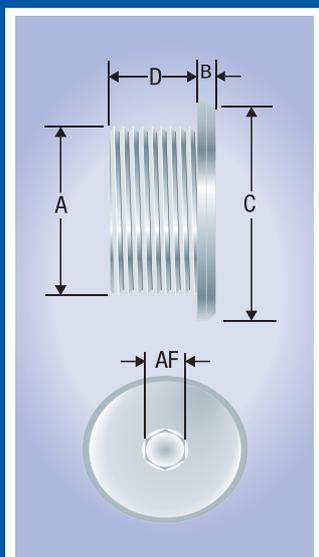| Product Code	NPT Dimension "A"	Dimension Min "B"	Dimension Min "C"	Dimension "D"	Dimension A/F Min *
PDN012E	½	3.0	25.0	15.0	10.0
PDN034E	¾	3.0	35.0	15.0	10.0
PDN001E	1	3.0	42.0	19.0	10.0
PDN114E	1¼	3.0	50.0	19.0	10.0
PDN112E	1½	3.0	60.0	21.0	10.0
PDN002E	2	3.0	75.0	21.0	10.0
PDN212E	2½	3.0	85.0	30.0	14.0
PDN003E	3	3.0	90.0	32.0	14.0
PDN312E	3½	3.0	102.0	33.0	14.0
PDN004E	4	3.0	115.0	34.0	14.0

All dimensions except NPT are in mm.

Metric - Dome Plug

Product Code	Metric Dimension "A"	Dimension Min "B"	Dimension Min "C"	Dimension "D"	Dimension A/F Min *
PDM016E	M16	3.0	22.0	16.0	10.0
PDM020E	M20	3.0	25.0	16.0	10.0
PDM025E	M25	3.0	35.0	16.0	10.0
PDM032E	M32	3.0	42.0	16.0	10.0
PDM040E	M40	3.0	50.0	16.0	10.0
PDM050E	M50	3.0	60.0	16.0	10.0
PDM063E	M63	3.0	70.0	16.0	14.0
PDM075E	M75	3.0	85.0	16.0	14.0
PDM080E	M80x2P	3.0	90.0	20.0	14.0
PDM090E	M90x2P	3.0	100.0	20.0	14.0
PDM100E	M100x2P	3.0	110.0	20.0	14.0

All dimensions are in mm.

BSP - Dome Plug

Product Code	BSP Dimension "A"	Dimension Min "B"	Dimension Min "C"	Dimension "D"	Dimension A/F Min *
PDB012E	½	3.0	27.0	16.0	10.0
PDB034E	¾	3.0	32.0	16.0	10.0
PDB001E	1	3.0	38.0	20.0	10.0
PDB114E	1¼	3.0	50.0	20.0	10.0
PDB112E	1½	3.0	60.0	20.0	10.0
PDB002E	2	3.0	75.0	20.0	10.0
PDB212E	2½	3.0	85.0	20.0	14.0
PDB003E	3	3.0	90.0	20.0	14.0
PDB312E	3½	3.0	100.0	20.0	14.0
PDB004E	4	3.0	120.0	20.0	14.0

All dimensions except BSP are in mm.

See Handi Fit and/or Posi Fit Junction Box data sheet for Non Metallic Plug

NPT, METRIC, BSP - HEX PLUG
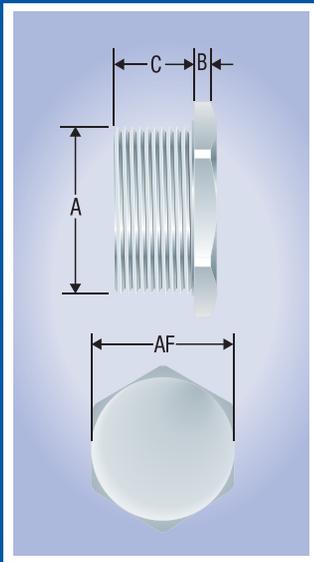
NPT - Hex Plug

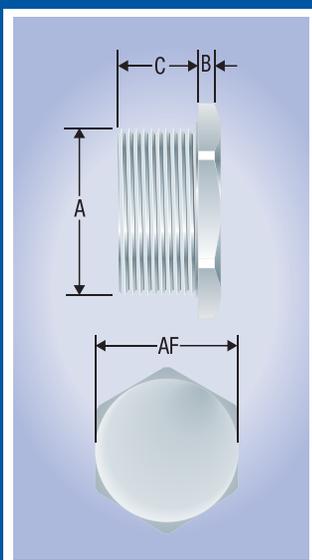| Product Code	NPT Dimension "A"	Dimension Min "B"	Dimension "C"	Dimension A/F Min *
PHN012E	½	6.0	15.0	22.0
PHN034E	¾	6.0	15.0	27.0
PHN001E	1	6.0	19.0	34.0
PHN114E	1¼	6.0	19.0	43.0
PHN112E	1½	6.0	21.0	50.0
PHN002E	2	6.0	21.0	62.0
PHN212E	2½	6.0	30.0	74.0
PHN003E	3	6.0	32.0	90.0
PHN312E	3½	6.0	33.0	102.0
PHN004E	4	6.0	34.0	115.0

All dimensions except NPT are in mm.
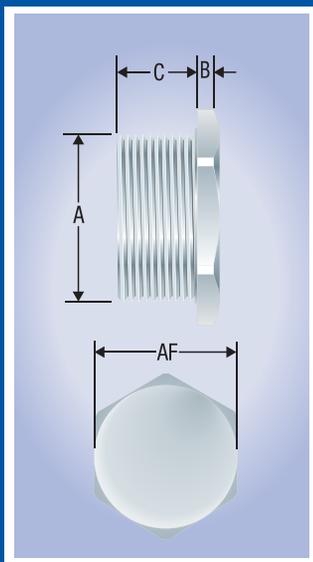
Metric - Hex Plug

Product Code	Metric Dimension "A"	Dimension Min "B"	Dimension "C"	Dimension A/F Min *
PHM016E	M16	6.0	16.0	22.0
PHM020E	M20	6.0	16.0	25.0
PHM025E	M25	6.0	16.0	32.0
PHM032E	M32	6.0	16.0	38.0
PHM040E	M40	6.0	16.0	50.0
PHM050E	M50	6.0	16.0	60.0
PHM063E	M63	6.0	16.0	70.0
PHM075E	M75	6.0	16.0	80.0
PHM080E	M80x2P	6.0	20.0	90.0
PHM090E	M90x2P	6.0	20.0	100.0
PHM100E	M100x2P	6.0	20.0	110.0

All dimensions are in mm.

BSP - Hex Plug

Product Code	BSP Dimension "A"	Dimension Min "B"	Dimension "C"	Dimension A/F Min *
PHB012E	½	6.0	16.0	27.0
PHB034E	¾	6.0	16.0	32.0
PHB001E	1	6.0	20.0	38.0
PHB114E	1¼	6.0	20.0	50.0
PHB112E	1½	6.0	20.0	60.0
PHB002E	2	6.0	20.0	70.0
PHB212E	2½	6.0	20.0	80.0
PHB003E	3	6.0	20.0	90.0
PHB312E	3½	6.0	20.0	100.0
PHB004E	4	6.0	20.0	120.0

All dimensions except BSP are in mm.

See Handi Fit and/or Posi Fit Junction Box data sheet for Non Metallic Plug