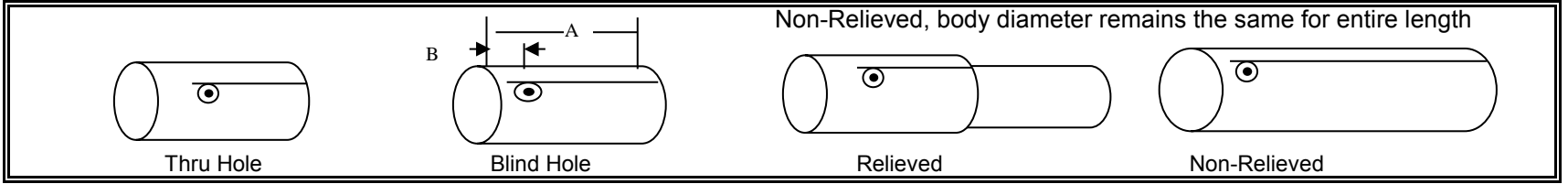




Choosing the Correct Air Plug

Print and Fax to:
 800-767-2034 / 631-231-1625
 or Email to:
 info@threadcheck.com

There are two basic styles of Air Plugs, Through Hole Style and Blind Hole Style. Dimension "B" refers to the dimension of the Jet Centerline to the Nose of the Air Plug. The overall dimension is indicated by Dimension "A". If you are measuring a Blind Bore you must order a Blind Style Air Plug so the Air Escapement Channels are designed to allow for the air to escape the part, regardless of the depth of the bore. There is an option for Super Blind Plugs which further reduces Dimension "B", permitting checking closer to the Counterbore, or the bottom of the part. If extra length is necessary and an extension or handle will not work, you can specify extra length in 1" increments. NON-Relieved should only be specified for valve bores where obstructions like lands could make it difficult to remove the tool. You must also specify the Dimensionair Model Number you are ordering the tooling for.



Company _____ Contact: _____ Phone: _____ Fax: _____	Reference: _____ Part Number: _____ Feature _____ Date: _____
---	--

Required Information: Click and fill line space or click check box to select.

Dimensionair to be used:
 D2500 / D4000
 D5000 / D8000
 D10000 / D16000
 D20000 / D32000

832 Dimensionair
 Column 1840 PE
 Millitron

Air Plug Material:
 440 Stainless/HCC
 Flash Chrome
 Hard Chrome Plate
 Ferro-tic

Number of Jets***:
 2
 3*
 4*
 6*
 Measurement Units: Inch
 Metric

Type/Location Jets:
 Thru Hole
 Blind Hole (.156"/4mm)
 Super Blind (.075"/1.9mm)

Extra Body length Req'd?
 Extra length* = _____
 Relieved*
 NON-Relieved

Feature Size (bore dia): _____
 Quantity: _____

Size Tolerance: _____
 Overall Bore Length*: _____
 Bore Roughness Ra* : _____

Stop Collar:
 Yes
 No
 OD Restrictions: Yes
 Max. Dia. Of Stop Collar? _____

Special Plug Markings: _____

Extension Required:
 Yes
 No
 Length:
 2"
 4"
 (See Catalog page 5-52)

ISO Long Form Certification of Air Plug required?
 Yes
 No

Miscellaneous Questions:

Tooling Hose Required:
 Yes
 No
 3 Foot
 5 Foot

Handle Required:
 Yes
 No
 W/ Shut-off
 Yes
 No
 (See Catalog page 5-52)

Master required?
 Yes
 No
 Nominal?
 Yes
 No
 Go to Page 2

AMR Calibration kit required?
 Yes
 No
 AFL-24 Oil/Water trap required?
 Yes
 No

*** **2 jet** check size, ovality, taper, bellmouth; **3 jet** check 3 point out of round; **4 jet** Average Diameter, requires special Dimensionair; **6 jet** Average 2 point and 3 point out of round, requires special Dimensionair

* Requires Design Review

Master Ring(s) for Calibration of Air Plugs

Requires 1 Nominal sized master Optionally (1) Minimum and (1) Maximum Deviation Masters

Calibration Master Information: Calibration Master Required (Nominally sized): Yes No

Measurement Units: Inch Metric Quantity required: _____

Nominal Master Size: _____ Class: X XX XXX**

Material: Steel Chrome Carbide Special Marking: _____

Cert. to Class: Yes No Certification to Size: Yes No (extra cost)

Tolerance Applied: **Bi-Lateral** (Per rules for nominal masters) Uni-Lateral (Per rules for Go / NoGo masters)

Deviation Master Information: Deviation Masters Required : Yes No

Measurement Units: Inch Metric Quantity required: _____

Minimum Master Size: _____ Class: X XX XXX**

Maximum Master Size: _____ Class: X XX XXX**

Material: Steel Chrome Carbide Special Marking: _____

Cert. to Class: Yes No Certification to Size: Yes No (extra cost)

Tolerance Applied: **Bi-Lateral** (Per rules for nominal masters) **Uni-Lateral** (Per rules for Go / NoGo masters)

**** Note: Mahr Federal recommends XX masters certified to Size instead of XXX certified to class**

Please complete all information above and include a legible print. Incomplete requests will delay the process.

To be completed by Mahr Federal Application Engineering Dept:

Proposal #	_____	Date:	_____
Pricing:	<u>Qty. 1</u>	<u>Qty. 2-4</u>	
Air Plug	_____	_____	
Nominal Master	_____	_____	
Minimum Master	_____	_____	
Maximum Master	_____	_____	
Accessories:	_____	Description:	_____
Accessories:	_____	Description:	_____
Accessories:	_____	Description:	_____
Delivery ARO:	_____	By:	_____

Additional Comments or Instructions: