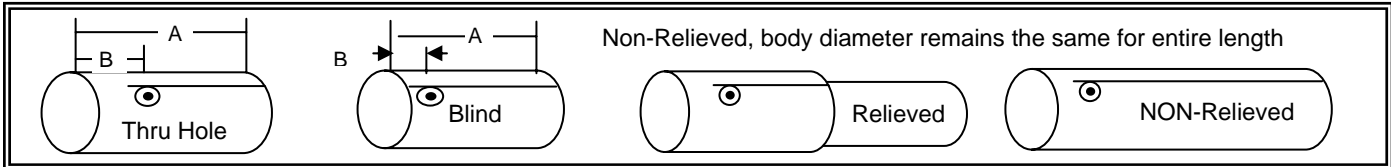




Choosing the Correct Air Plug

Fax to:
1.763.249.8150
or
Email to:
sales@pqi.net

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	Reference:	
Contact:	Part Number:	
Phone:	Feature	
Fax:	Date:	

Required Information:

Feature Size (bore dia):		Quantity:	
Size Tolerance:		Overall Bore Length:	
Style of Air Plug	Thru Hole [],	Blind Hole [],	Super Blind []
Extra Body length Req'd?	Extra length =	Relieved? []	NON-Relieved []
Measurement Units:	Inch, [] Metric, []	Number of Jets: 2, [] 3, [] 4, [] 6, []	
Special Plug Markings:			
ISO Long Form Certification of Air Plug required? Yes [], No []			
Dimensionair to be used:	Dimensionair Analog []	832 Dimensionair []	Column 1840 PE []
D2500 / D4000, []	D5000 / D8000, []	D10000 / D16000, []	D20000 / D32000, []
Stop Collar: Yes [], No [],	Restrictions No [], Yes []	Max. Dia. of Stop Collar?	=
Tooling Hose Required:	Yes [], No []	Length:	3 Foot [] 5 foot []
Extension Required:	Yes [], No []	Length: 2" [] 4" []	(See Catalog page 5-52)
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
ISO Long Form Certification of Straightness Plug 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

Calibration Master(s)

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 Masters Required (Nominally sized):	Yes [], No []	Quantity required:	1 [], other [],
Nominal Master Size:		Class:	X [], XX [], XXX []**
Material:	Chrome [], Hardened Steel [], Carbide []	Cert. to Class:	Yes [], No []
Special Marking:		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 []	Quantity required:	1 each [], other [],
Minimum Master Size:		Class:	X [], XX [], XXX []**
Maximum Master Size:		Class:	X [], XX [], XXX []**
Material:	Chrome [], Hardened Steel [], Carbide []	Cert. to Class:	Yes [], No []
Special Marking:		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:	Qty. 1	Qty. 2-4	
Air Plug			
Nominal Master			
Minimum. Master			
Maximum Master			
Delivery ARO:		By:	

Additional Comments or Instructions: _____
