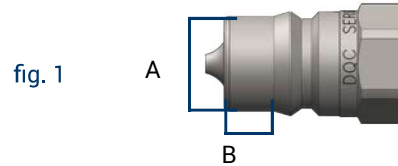


# Quick Coupling Selection Guide

- Determine the profile (shape) of the plug. Compare your plug shape with the profile chart below to identify the Dixon Quick Coupling pneumatic or hydraulic series.

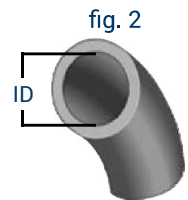


- Body size dimension charts can be found within each series section. Measure the **A** (diameter) and **B** (tip length) dimensions to determine the plug body size (figure 1).





























- Use the industry standard thread chart below (or diagram on page 6) to determine the end connection thread size. If you have a hose barb, the ID measurement of your hose will determine the barb size (figure 2).

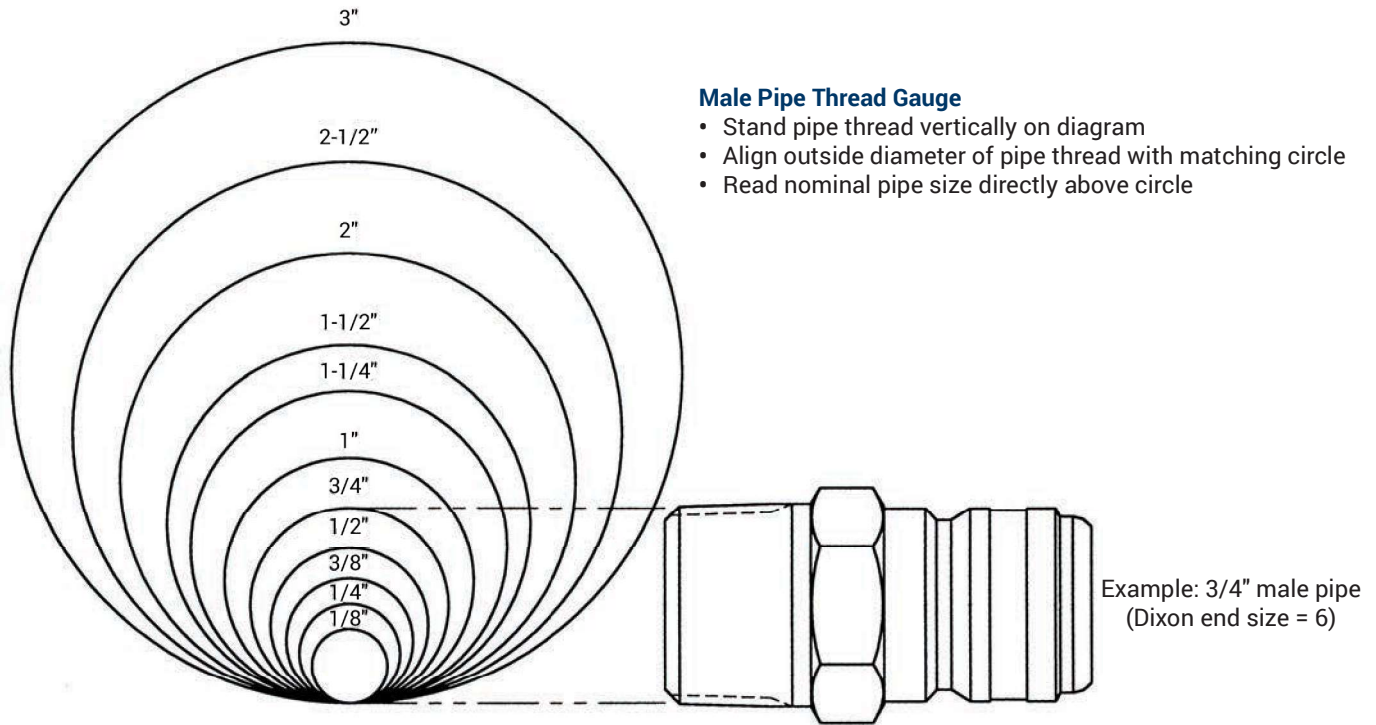
Actual Thread OD or ID	3/8"	1/2"	5/8"	3/4"	1"	1-3/8"	1-5/8"	1-29/32"	2-3/8"
Nominal Thread Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"



<h3>Pneumatic Profile Shape</h3>		<h3>DF-Series</h3> steel • brass • 303 ss Industrial Interchange page 20	<h3>J-Series</h3> steel • brass Automotive page 30	<h3>M-Series</h3> steel • brass ARO 210-310 page 35
<h3>CJ-Series</h3> steel • brass High-Flow page 39	<h3>SHD-Series</h3> steel • aluminum Twist-Lock page 42	<h3>L-Series</h3> steel • brass Lincoln page 45	<h3>U-Series</h3> brass Universal Air page 47	<h3>N-Series</h3> steel • brass • 303 ss • 316 ss Bowes / Dix-Lock® page 49
<h3>P-Series</h3> steel • brass • 303 ss Thor / Dual-Lock page 57	<h3>NK-Series</h3> steel Japanese Industrial page 61	<h3>BR-Series</h3> brass 21 Series page 63	<h3>A-Series</h3> steel • brass Compact page 65	<h3>SCV-Series</h3> brass Safety Check Valve page 68

<p><b>Hydraulic Profile Shape</b></p> 	<p><b>H-Series</b> steel • brass • 303 ss • 316 ss</p>  <p>ISO7241-B page 70</p>	<p><b>H-BOP-Series</b> steel • 316 ss</p>  <p>ISO7241-B BOP page 80</p>	<p><b>HS-Series</b> steel • brass • 303 ss</p>  <p>ISO7241-B Steam page 82</p>	<p><b>K-Series</b> steel • 316 ss</p>  <p>ISO7241-A page 85</p>
<p><b>AG-Series</b> steel</p>  <p>Agricultural page 91</p>	<p><b>V-Series</b> steel • brass • 316 ss</p>  <p>MIL-C-51234 page 95</p>	<p><b>TR-Series</b> steel</p>  <p>European page 112</p>	<p><b>HT-Series</b> steel • 316 ss</p>  <p>Correct Connect® ISO16028 page 114</p>	<p><b>HTE-Series</b> steel</p>  <p>ISO16028 Connect Under Pressure Plug pages 122</p>
<p><b>HTZ-Series</b> steel</p>  <p>ISO16028 Connect Under Pressure Coupler page 125</p>	<p><b>HT-AG-Series</b> steel</p>  <p>ISO16028 - AG ISO7241-A page 126</p>	<p><b>XK-Series</b> steel</p>  <p>10K Flushface page 127</p>	<p><b>ST-Series</b> steel • 316 ss</p>  <p>Heavy-Duty Flushface page 129</p>	<p><b>PD-Series</b> steel</p>  <p>ISO15171-1 Test page 135</p>
<p><b>VEP-Series</b> steel • 316 ss</p>  <p>Threaded Flushface page 137</p>	<p><b>VEP-BOP-Series</b> steel</p>  <p>Threaded Flushface BOP page 142</p>	<p><b>W-Series</b> steel • brass</p>  <p>Wingstyle page 144</p>	<p><b>WS-Series</b> steel • 316 ss</p>  <p>Heavy-Duty Wingstyle page 149</p>	<p><b>WS-BOP-Series</b> steel • 316 ss</p>  <p>Heavy-Duty Wingstyle BOP page 155</p>
<p><b>T-Series</b> steel • 316 ss</p>  <p>10K Threaded page 157</p>	<p><b>CVV-Series</b> steel</p>  <p>Euro-Threaded ISO14541 page 160</p>	<p><b>TD-Series</b> 316 ss</p>  <p>15K and 20K Threaded page 164</p>	<p><b>E-Series</b> steel • brass • 303 ss</p>  <p>Straight-Through page 166</p>	<p><b>EA-Series</b> steel</p>  <p>Water Blast page 172</p>
<p><b>CM-Series</b> brass</p>  <p>Mold Coolant page 174</p>				

### Male / Female Pipe (NPTF) Thread Identification



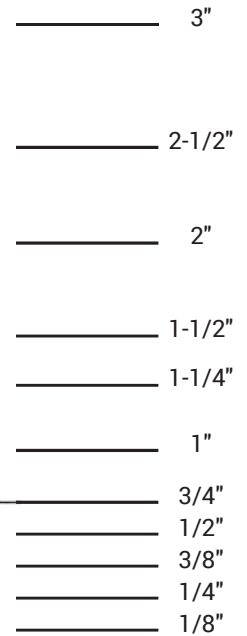
**Male Pipe Thread Gauge**

- Stand pipe thread vertically on diagram
- Align outside diameter of pipe thread with matching circle
- Read nominal pipe size directly above circle

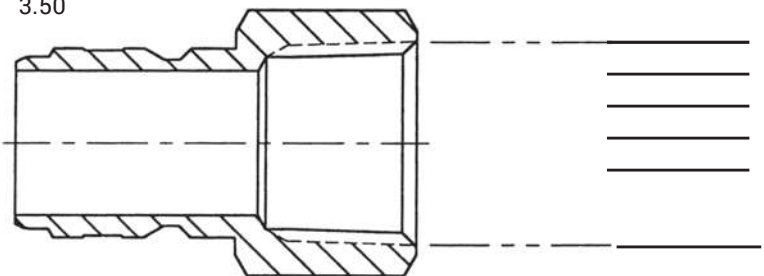
**Female Pipe Thread Gauge**

- Hold pipe thread against scale on edge of page
- Align one side of pipe thread with illustration base line
- Read nominal pipe size directly from scale

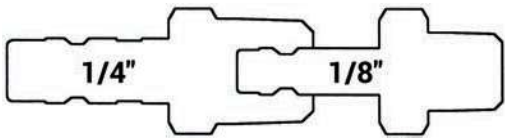
Nominal Pipe Size (inches)	Dixon End Size	Nominal Thread Size (inches)	Nominal Pipe Size (inches)
1/8	1	1/8 - 27	0.41
1/4	2	1/4 - 18	0.54
3/8	3	3/8 - 18	0.68
1/2	4	1/2 - 14	0.84
3/4	6	3/4 - 14	1.05
1	8	1-11 - 1/2	1.32
1-1/4	10	1-1/4 - 11-1/2	1.66
1-1/2	12	1-1/2 - 11-1/2	1.90
2	16	2 - 11-1/2	2.38
2-1/2	20	2-1/2 - 8	2.88
3	24	3 - 8	3.50



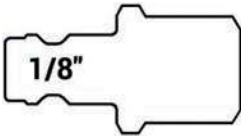
Example: 3/4" female pipe (Dixon end size = 6)



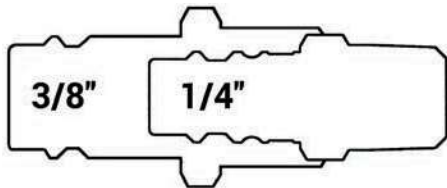
Base line for all sizes



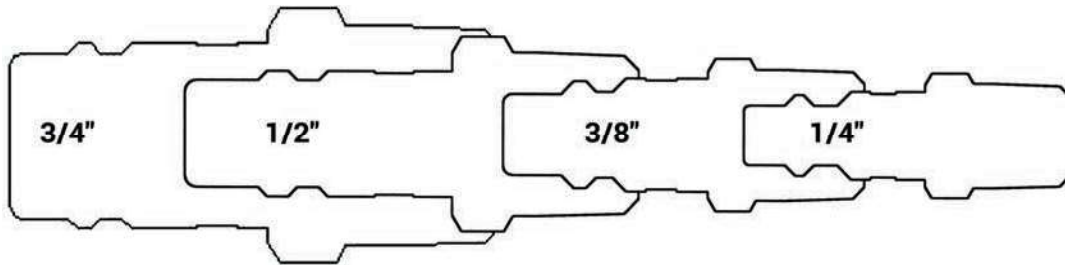
**A-Series**



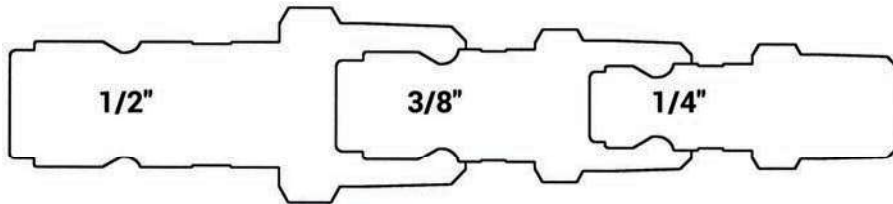
**BR-Series**



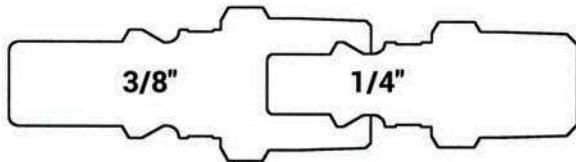
**CJ-Series**



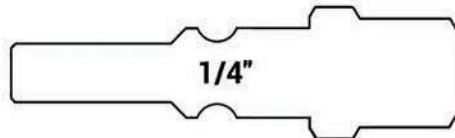
**DF-Series**



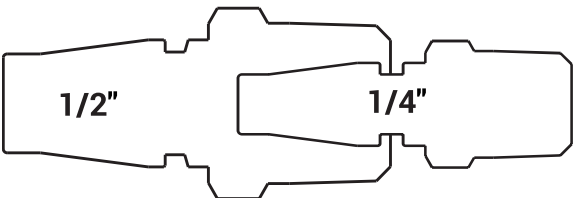
**J-Series**



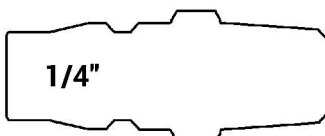
**M-Series**



**L-Series**

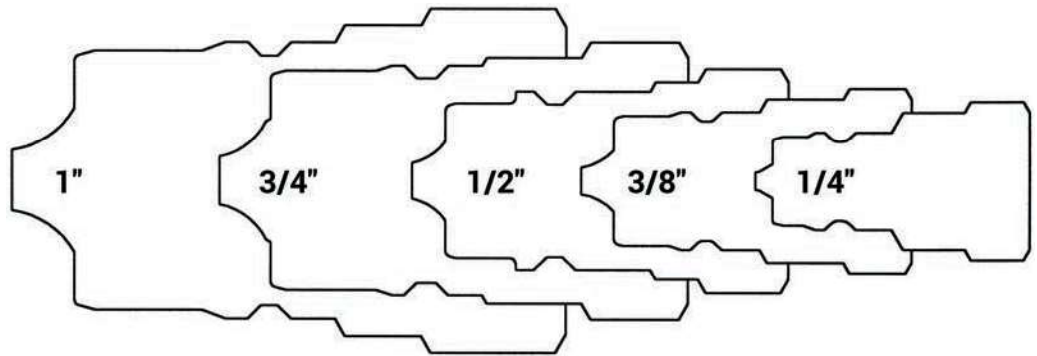


**SHD-Series**

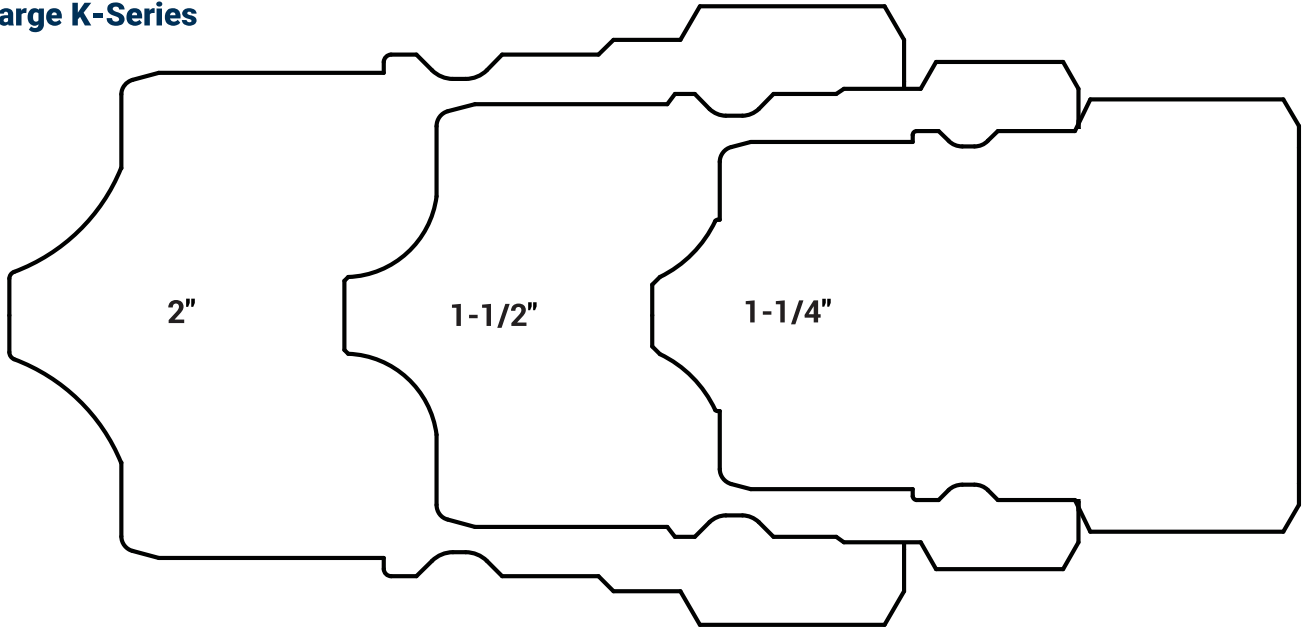


**NK-Series**

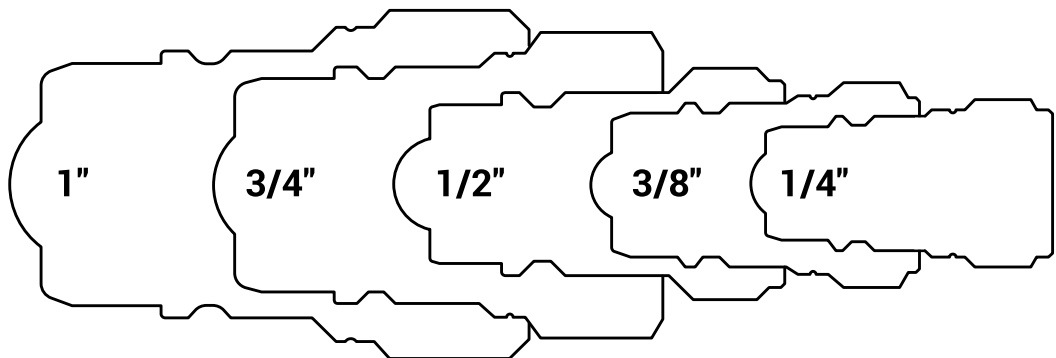
**K-Series**



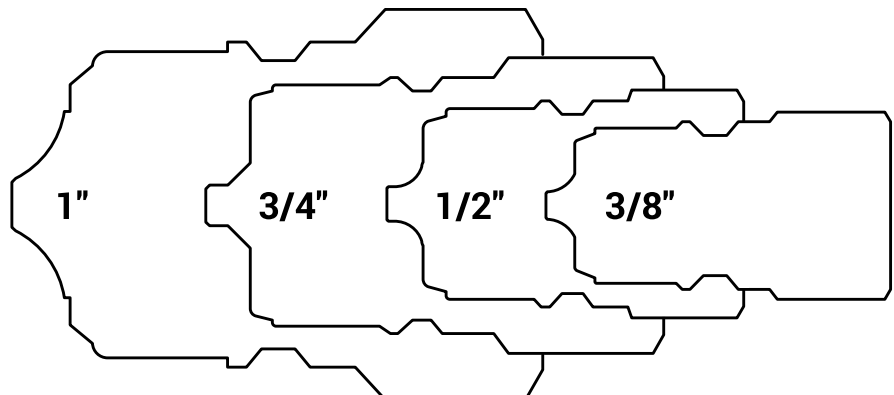
**Large K-Series**

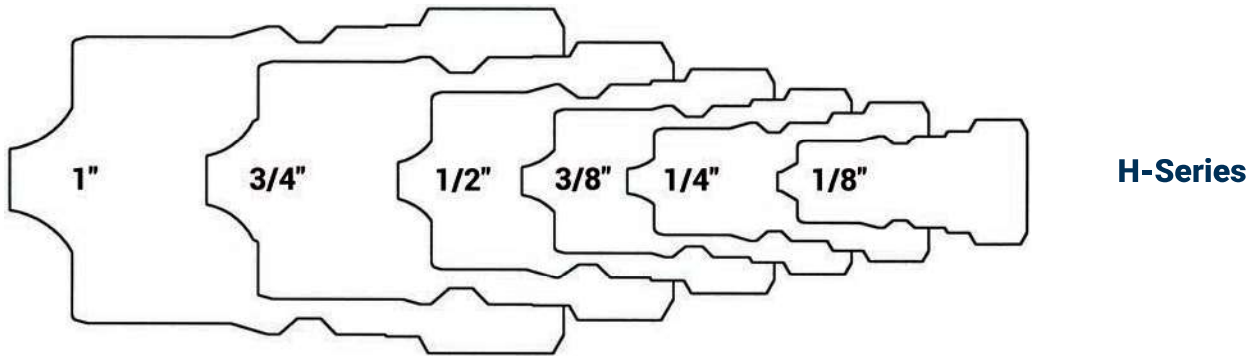


**AG-Series**

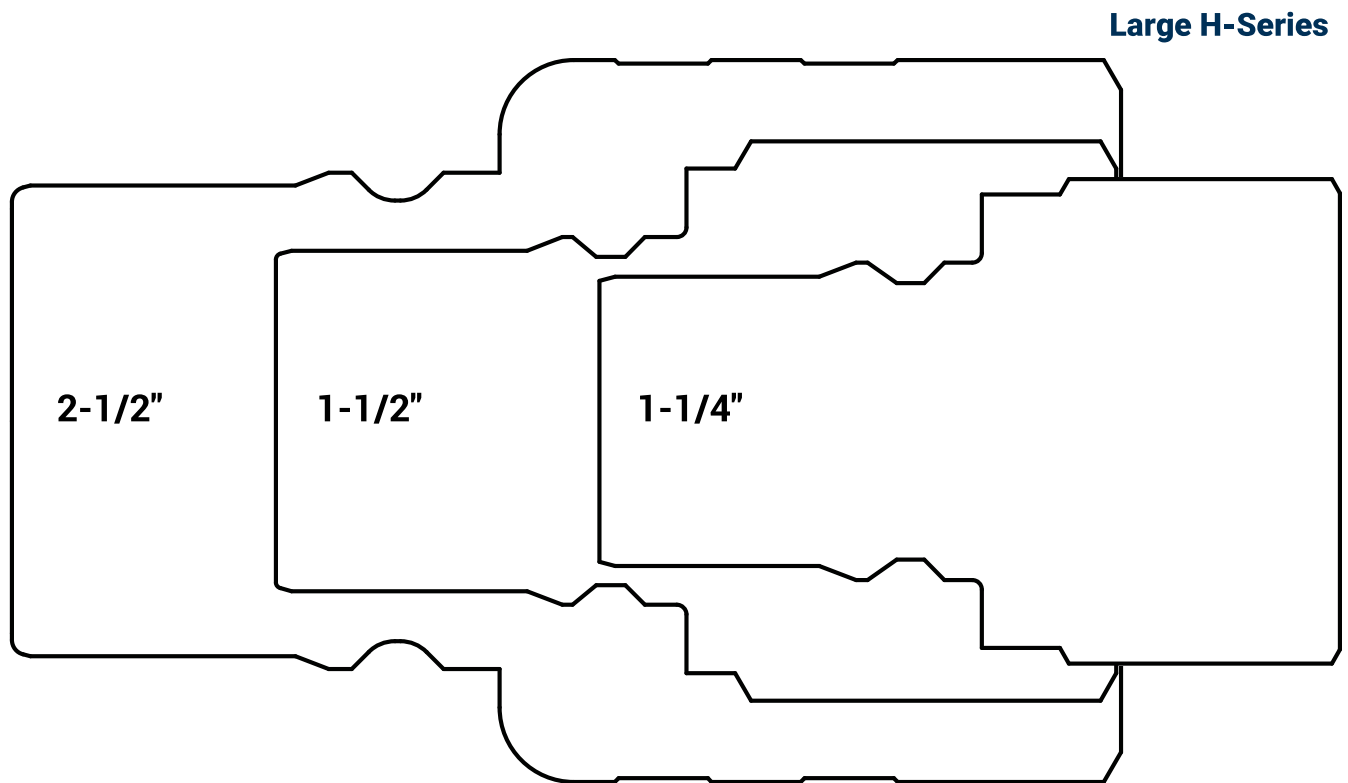


**TR-Series**

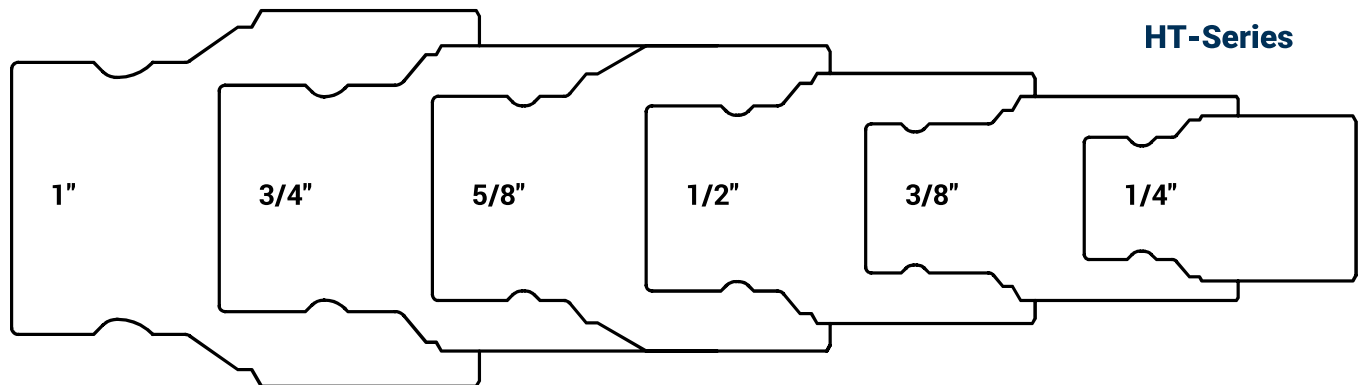




**H-Series**

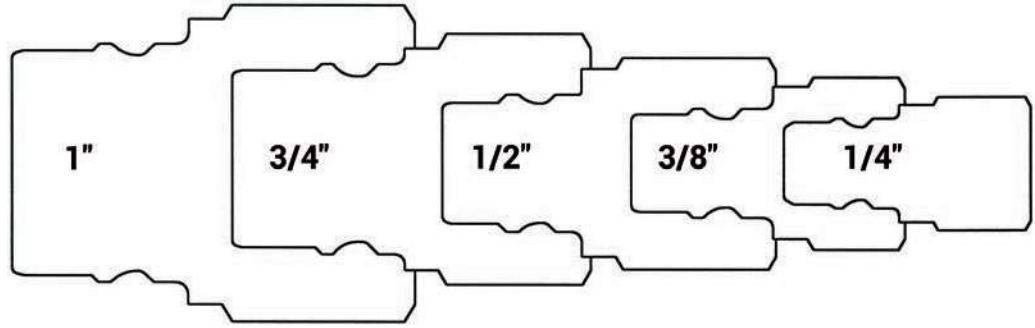


**Large H-Series**

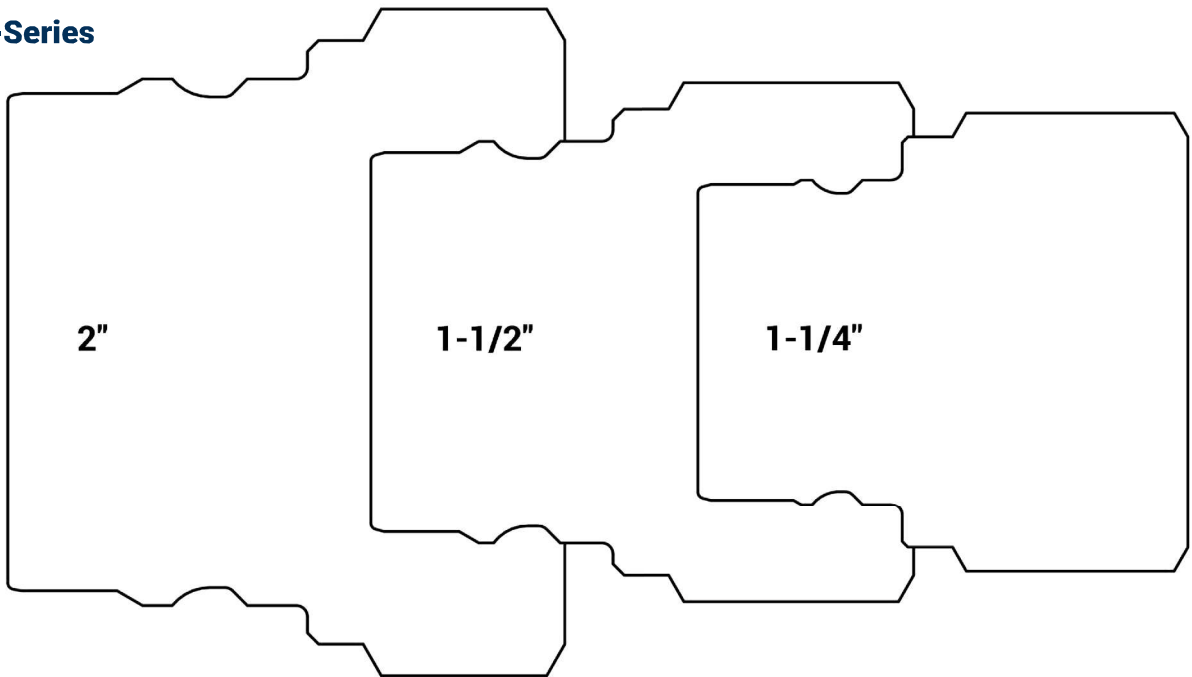


**HT-Series**

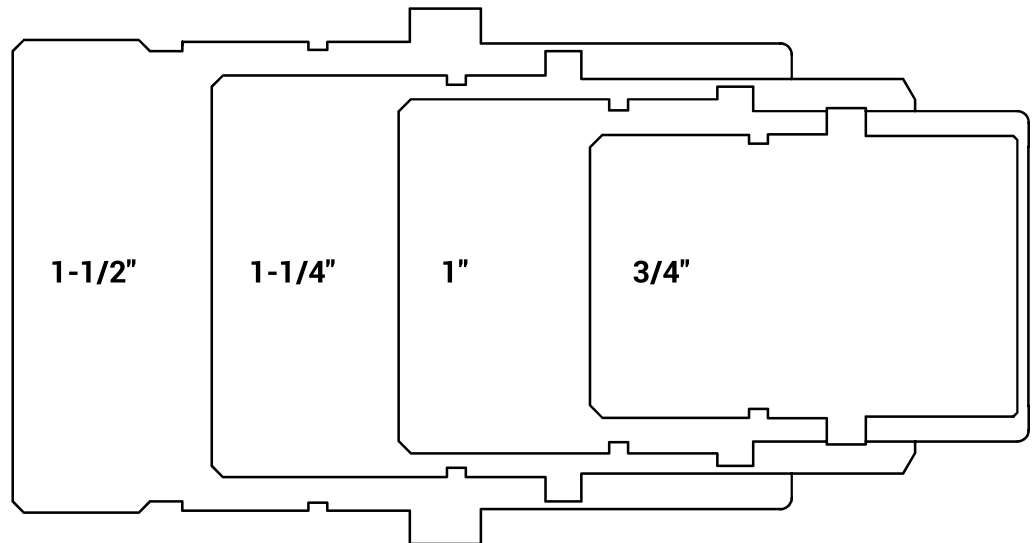
**V-Series**

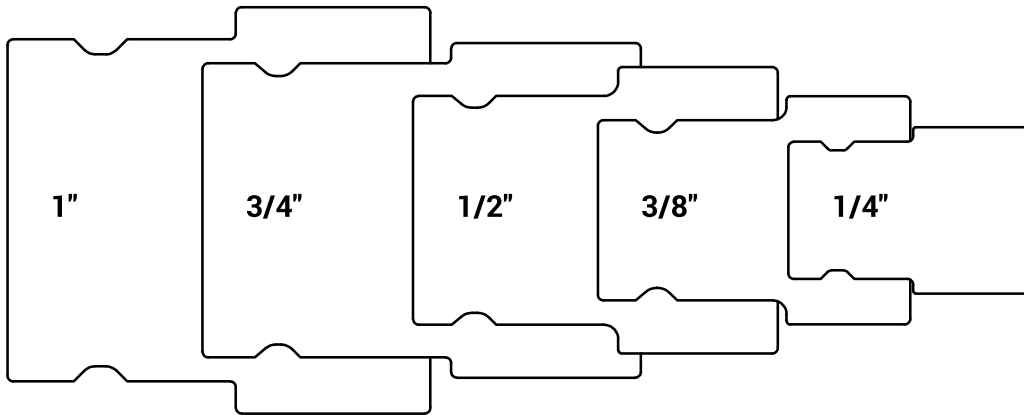


**Large V-Series**

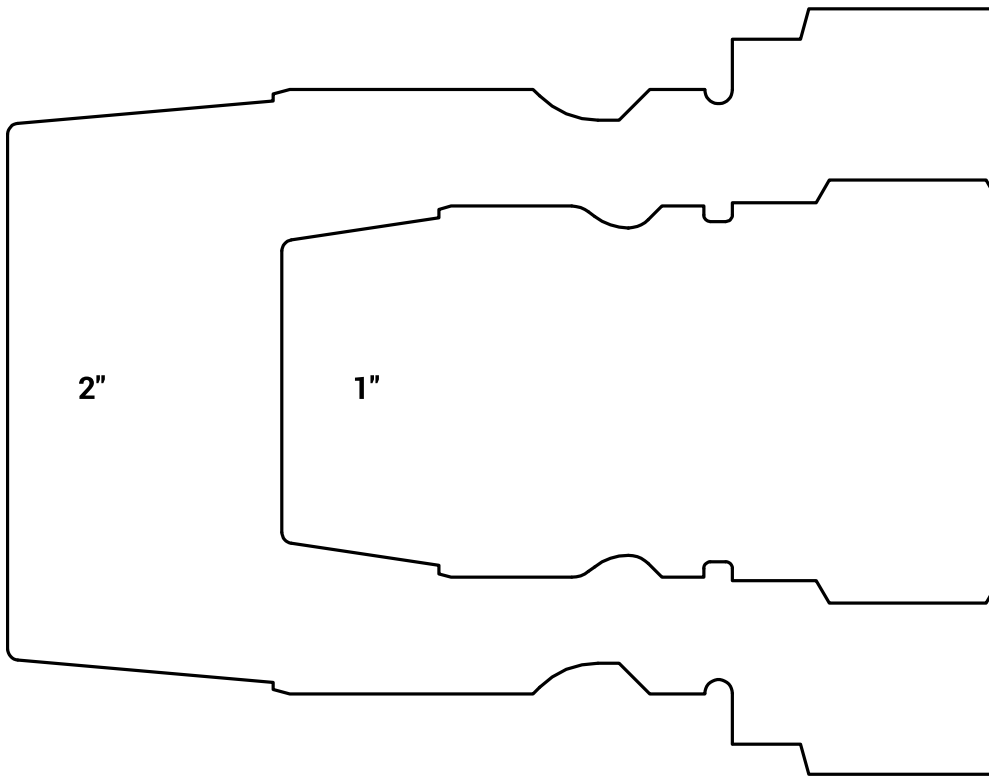


**W-Series**

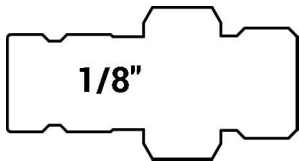




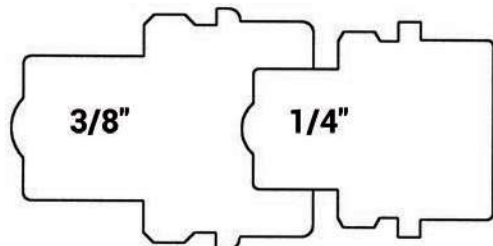
**ST-Series**



**Large ST-Series**



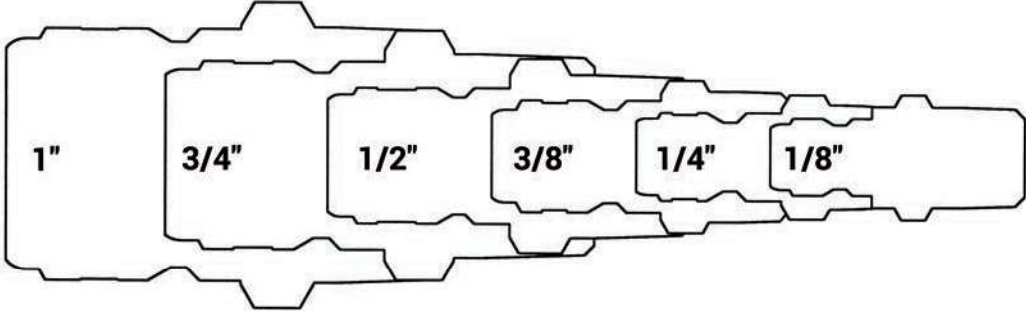
**PD-Series**



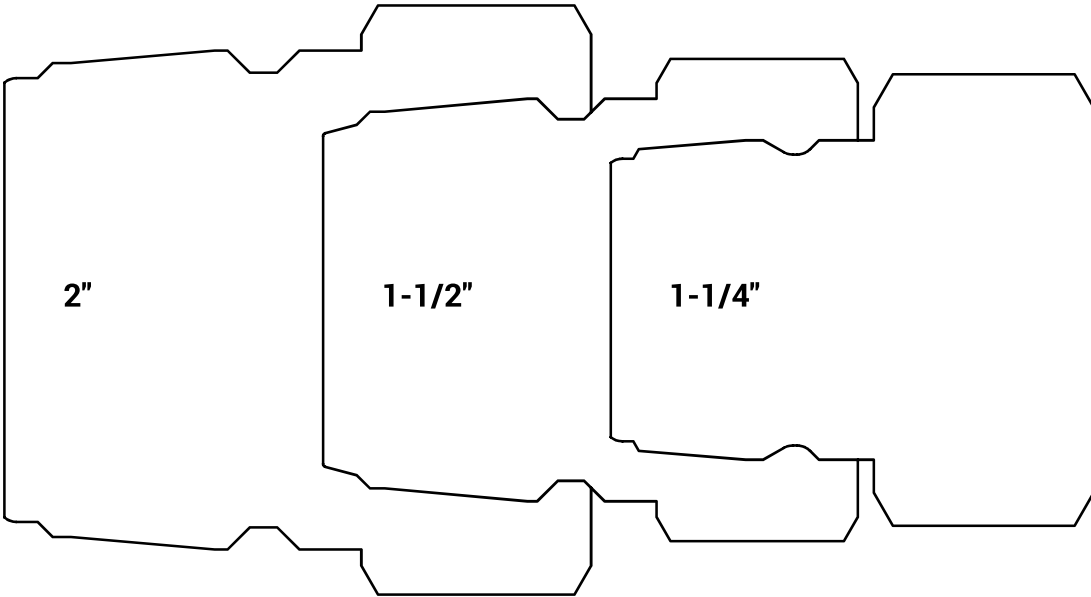
**T-Series**



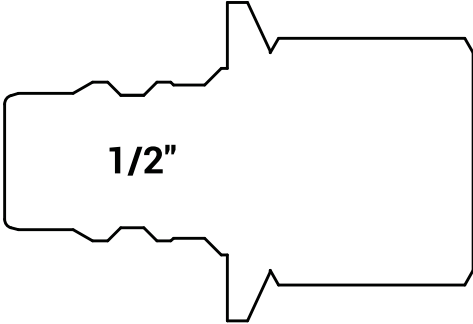
**E-Series**



**Large E-Series**



**EA-Series**



**CM-Series**

