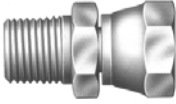


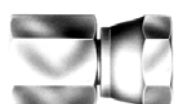
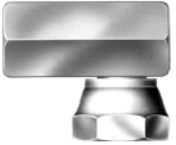
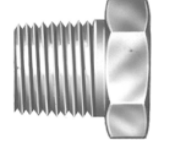
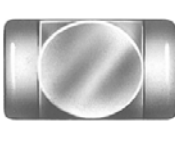
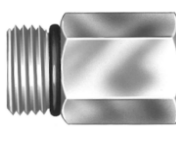



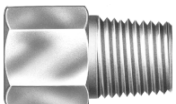
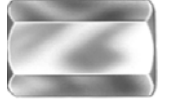
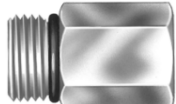
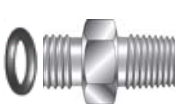
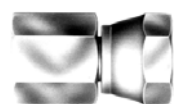




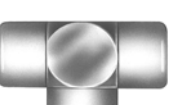







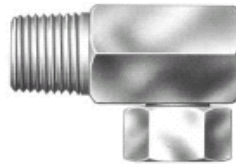


HYDRAULIC ADAPTER Selection Chart

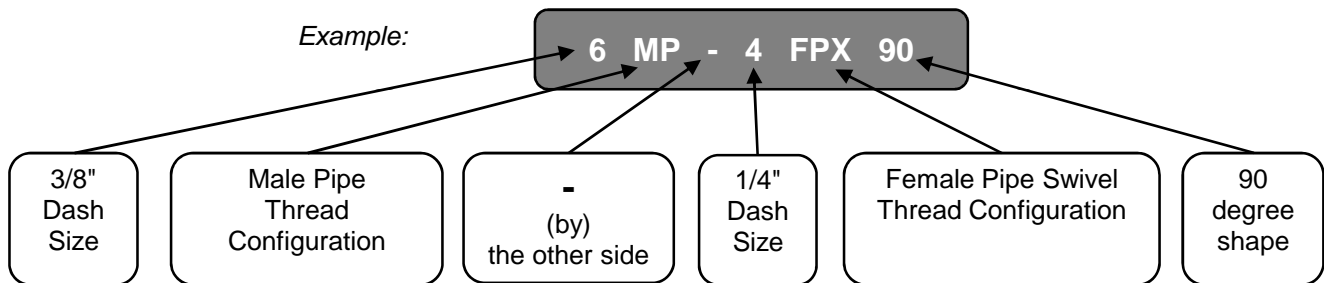
<p>GROUP A</p>  <p>Male Pipe to Female Pipe Swivel</p> <p>MP - FPX</p>	<p>GROUP B</p>  <p>Male Pipe to Female Pipe Swivel 45°</p> <p>MP - FPX 45</p>	<p>GROUP C</p>  <p>Male Pipe to Female Pipe Swivel 90°</p> <p>MP - FPX 90</p>	<p>GROUP D</p>  <p>Female Pipe to Female Pipe Swivel</p> <p>FP - FPX</p>
<p>GROUP E</p>  <p>Female Pipe to Female Pipe Swivel 90°</p> <p>FP - FPX 90</p>	<p>GROUP F</p>  <p>Male Pipe to Female Pipe Bushing</p> <p>MP - FP BUSH</p>	<p>GROUP G</p>  <p>Female Pipe to Female Pipe</p> <p>FP - FP</p>	<p>GROUP H</p>  <p>Male Boss Oring to Female Pipe</p> <p>MB - FP</p>
<p>GROUP I</p>  <p>Male Boss Oring to Female Pipe Swivel</p> <p>MB - FPX</p>	<p>GROUP J</p>  <p>Male Boss Oring to Female Pipe Swivel 45°</p> <p>MB - FPX 45</p>	<p>GROUP K</p>  <p>Male Boss Oring to Female Pipe Swivel 90°</p> <p>MB - FPX 90</p>	<p>GROUP L</p>  <p>Female Boss Oring to Male Pipe</p> <p>FB - MP</p>
<p>GROUP M</p>  <p>Female Pipe to Female Boss Oring</p> <p>FP - FB</p>	<p>GROUP N</p>  <p>Male Boss Oring to Female Boss Oring</p> <p>MB - FB</p>	<p>GROUP O</p>  <p>Male Boss Oring to Male Pipe</p> <p>MB - MP</p>	<p>GROUP P</p>  <p>Female Pipe to Female JIC Swivel (37° flare)</p> <p>FP - FJX</p>
<p>GROUP Q</p>  <p>Male JIC to Male Pipe</p> <p>MJ - MP</p>	<p>GROUP R</p>  <p>Male JIC to Male Pipe 90°</p> <p>MJ - MP 90</p>	<p>GROUP S</p>  <p>Male JIC to Female Pipe</p> <p>MJ - FP</p>	<p>GROUP T</p>  <p>Male JIC to Male JIC</p> <p>MJ - MJ</p>
<p>GROUP U</p>  <p>Female Pipe Tee</p> <p>FP - TEE</p>	<p>GROUP V</p>  <p>Male Pipe to Male Pipe</p> <p>MP - MP</p>	<p>GROUP W</p>  <p>Male Pipe to Female Pipe Swivel Restricted Orifice</p> <p>MP - FPXR</p>	<p>GROUP X</p>  <p>Female Pipe to Female Pipe Swivel 45°</p> <p>FP-FPX45</p>
<p>GROUP Y</p>  <p>Male Pipe to Male Pipe 90°</p> <p>MP-MP90</p>	<p>GROUP Z</p>  <p>Male JIC to Male Boss 90°</p> <p>MJ-MB90</p>	<p>GROUP AA</p>  <p>Male Boss to Male JIC</p> <p>MB-MJ</p>	<p>GROUP AB</p>  <p>Female Pipe Swivel to Male Pipe Tee</p> <p>FPX-MP-TEE</p>

Adapter End Style Nomenclature

Hydraulic adapter part numbers have a meaningful description. Combine the thread configuration codes shown below to identify hydraulic adapters. The hydraulics industry has adopted a measuring system called Dash Numbers to indicate hose and coupling size. The number that precedes the coupling description is the dash size (see table below). This industry standard number denotes hose I.D. in sixteenths of an inch.



Example:



Code	Thread Configuration
B	Oring Boss
BUSH	Hex Bushing
CAP	Cap - female
F	Female
J	JIC thread (37° Flare)
M	Male
OR	Oring
P	Pipe thread NPTF or NPSM
PLUG	Plug - male
R	Restricted Orifice
S	SAE thread (45° flare)
TEE	3 sides
X	Swivel
45	45 degree shape
90	90 degree shape

Dash Numbers & Oring Thread Identification Chart			
Dash Size: Is an Industry Standard Method of denoting the fitting size in 1/16 of an inch.			
Oring Thread size or thread pitch: Is popularly known as "Boss" thread or John Deere thread.			
Dash Size	Oring Thread (Pitch) Size		
-4 1/4"	7/16	-20	
-5 5/16"	1/2	-20	
-6 3/8"	9/16	-18	
-8 1/2"	3/4	-16	
-10 5/8"	7/8	-14	
-12 3/4"	1-1/16	-12	