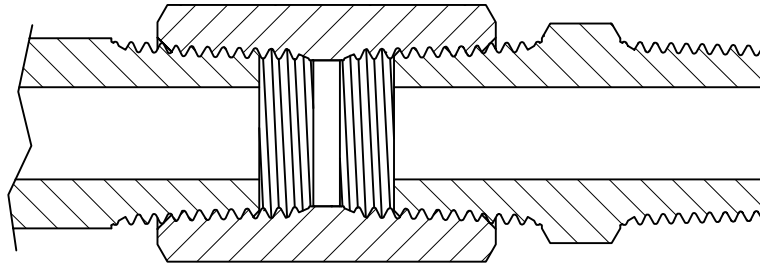


Pipe Fittings



Standard TITON Pipe Fittings are manufactured with female R Series and male BSPT threads in accordance with AS1772. These robust fittings are available in a comprehensive range of sizes ranging from 1/8" to 1". They are manufactured from high quality DZR brass alloy. Some fittings are available with NPT threads. Please contact Titon for stock availability.

ADVANTAGES

Very easy to assemble. No special tools or extra parts are necessary. May be assembled/disassembled numerous times.

APPLICATIONS

May be used with copper, steel, or brass pipe. Install where medium to high pressures are encountered. Pipe Fittings provide good resistance to vibration. Ideal for use in pneumatic and hydraulic control equipment.

WORKING PRESSURES

TITON Pipe Fittings are able to withstand high pressures, use the table below as a guideline.

SPECIAL SIZES

Other threads/sizes not specified are available upon request.

ASSEMBLY

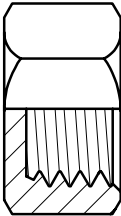
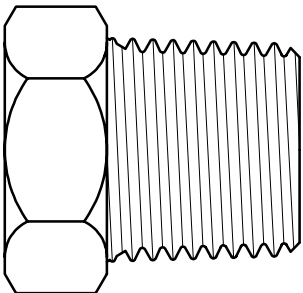
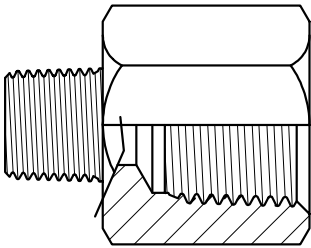
- I. Use pipe sealing compound.
- II. Tighten 1½ to 2½ turns past hand tight.

Thread Size	Hydraulic kPa [PSI]	Pneumatic kPa [PSI]
1/8	13750 [2000]	3500 [500]
1/4	13750 [2000]	3500 [500]
3/8	13750 [2000]	2750 [400]
1/2	10400 [1500]	2750 [400]
3/4	7000 [1020]	2000 [290]
1"	4000 [580]	1250 [180]

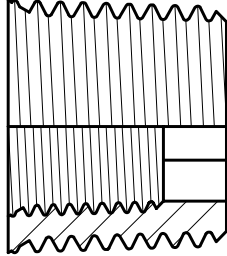
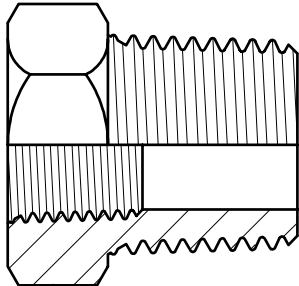
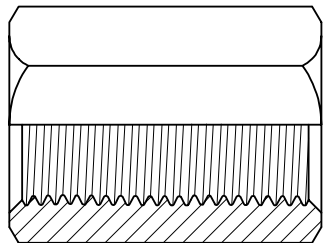
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Pipe Fittings

PIPE

<h2 style="margin: 0;">3133</h2> 	<h3 style="text-align: center; margin: 0;">Cap</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th style="text-align: center;">Part Number</th> <th style="text-align: center;">Standard Pack</th> <th style="text-align: center;">Tube</th> <th style="text-align: center;">Pipe Thread</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">313302</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/8 BSPP</td> </tr> <tr> <td style="text-align: center;">313304</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/4 BSPP</td> </tr> <tr> <td style="text-align: center;">313306</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3/8 BSPP</td> </tr> <tr> <td style="text-align: center;">313308</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/2 BSPP</td> </tr> </tbody> </table>	Part Number	Standard Pack	Tube	Pipe Thread	313302	10	-	1/8 BSPP	313304	10	-	1/4 BSPP	313306	10	-	3/8 BSPP	313308	10	-	1/2 BSPP																																				
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<h2 style="margin: 0;">3152</h2> 	<h3 style="text-align: center; margin: 0;">Hex Plug</h3> <p style="text-align: center; margin: 5px 0;">Available In Hollow and Solid Configurations.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th style="text-align: center;">Part Number</th> <th style="text-align: center;">Standard Pack</th> <th style="text-align: center;">Tube</th> <th style="text-align: center;">Pipe Thread</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">315204</td> <td style="text-align: center;">50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/4 BSPT</td> </tr> <tr> <td style="text-align: center;">315206</td> <td style="text-align: center;">50</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3/8 BSPT</td> </tr> <tr> <td style="text-align: center;">315208</td> <td style="text-align: center;">20</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/2 BSPT</td> </tr> <tr> <td style="text-align: center;">315212</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3/4 BSPT</td> </tr> <tr> <td style="text-align: center;">315216</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1" BSPT</td> </tr> <tr> <td colspan="4" style="text-align: center; font-size: small;">Parts Listed Above Are Hollow, Parts Listed Below Are Solid</td> </tr> <tr> <td style="text-align: center;">315202S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/8 BSPT</td> </tr> <tr> <td style="text-align: center;">315204S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/4 BSPT</td> </tr> <tr> <td style="text-align: center;">315206S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3/8 BSPT</td> </tr> <tr> <td style="text-align: center;">315208S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1/2 BSPT</td> </tr> <tr> <td style="text-align: center;">315212S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">3/4 BSPT</td> </tr> <tr> <td style="text-align: center;">315216S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1" BSPT</td> </tr> </tbody> </table>	Part Number	Standard Pack	Tube	Pipe Thread	315204	50	-	1/4 BSPT	315206	50	-	3/8 BSPT	315208	20	-	1/2 BSPT	315212	10	-	3/4 BSPT	315216	10	-	1" BSPT	Parts Listed Above Are Hollow, Parts Listed Below Are Solid				315202S	10	-	1/8 BSPT	315204S	10	-	1/4 BSPT	315206S	10	-	3/8 BSPT	315208S	10	-	1/2 BSPT	315212S	10	-	3/4 BSPT	315216S	10	-	1" BSPT				
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32000602	20	3/8 BSPP	1/8 BSPT																																																						
32000604	10	3/8 BSPP	1/4 BSPT																																																						
32000606	10	3/8 BSPP	3/8 BSPT																																																						
32000804	10	1/2 BSPP	1/4 BSPT																																																						
32000806	10	1/2 BSPP	3/8 BSPT																																																						
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32001204	5	3/4 BSPP	1/4 BSPT																																																						
32001206	5	3/4 BSPP	3/8 BSPT																																																						
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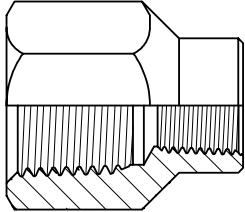
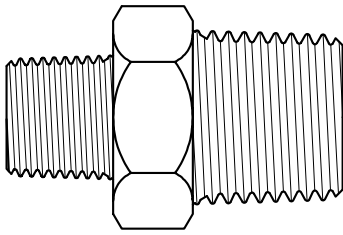
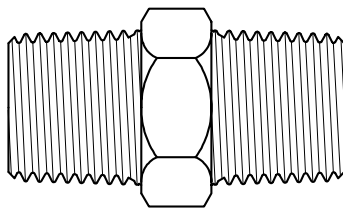
Pipe Fittings

<p style="text-align: center;">Flush Mount Reducing Bush Internal Hex Drive</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Pipe Thread (Female)</th> <th>Pipe Thread (Male)</th> </tr> </thead> <tbody> <tr> <td>32230402</td> <td>20</td> <td>1/8 BSPP</td> <td>1/4 BSPT</td> </tr> <tr> <td>32230604</td> <td>15</td> <td>1/4 BSPP</td> <td>3/8 BSPT</td> </tr> <tr> <td>32230806</td> <td>10</td> <td>3/8 BSPP</td> <td>1/2 BSPT</td> </tr> </tbody> </table>	Part Number	Standard Pack	Pipe Thread (Female)	Pipe Thread (Male)	32230402	20	1/8 BSPP	1/4 BSPT	32230604	15	1/4 BSPP	3/8 BSPT	32230806	10	3/8 BSPP	1/2 BSPT	<p style="text-align: right;">3223</p> 																																
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Part Number	Standard Pack	Pipe Thread (Female)	Pipe Thread (Male)																																														
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32240802	20	1/8 BSPP	1/2 BSPT																																														
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32240806	20	3/8 BSPP	1/2 BSPT																																														
32241202	20	1/8 BSPP	3/4 BSPT																																														
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32241208	20	1/2 BSPP	3/4 BSPT																																														
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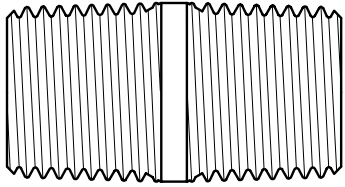
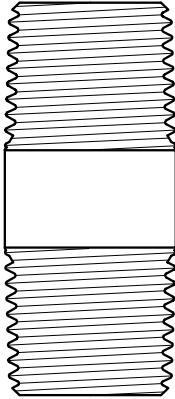
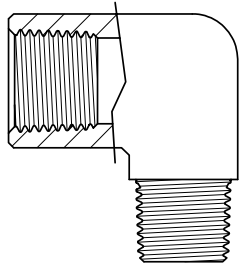
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Pipe Fittings

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<p>3304</p> 	<p style="text-align: center;">Reducing Socket</p> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Standard Pack</th> <th>Pipe Thread</th> <th>Pipe Thread</th> </tr> </thead> <tbody> <tr><td>33040402</td><td>20</td><td>1/4 BSPP</td><td>1/8 BSPP</td></tr> <tr><td>33040602</td><td>20</td><td>3/8 BSPP</td><td>1/8 BSPP</td></tr> <tr><td>33040604</td><td>20</td><td>3/8 BSPP</td><td>1/4 BSPP</td></tr> <tr><td>33040802</td><td>10</td><td>1/2 BSPP</td><td>1/8 BSPP</td></tr> <tr><td>33040804</td><td>10</td><td>1/2 BSPP</td><td>1/4 BSPP</td></tr> <tr><td>33040806</td><td>10</td><td>1/2 BSPP</td><td>3/8 BSPP</td></tr> <tr><td>33041206</td><td>10</td><td>3/4 BSPP</td><td>3/8 BSPP</td></tr> <tr><td>33041208</td><td>10</td><td>3/4 BSPP</td><td>1/2 BSPP</td></tr> <tr><td>33041612</td><td>1</td><td>1" BSPP</td><td>3/4 BSPP</td></tr> </tbody> </table>	Part Number	Standard Pack	Pipe Thread	Pipe Thread	33040402	20	1/4 BSPP	1/8 BSPP	33040602	20	3/8 BSPP	1/8 BSPP	33040604	20	3/8 BSPP	1/4 BSPP	33040802	10	1/2 BSPP	1/8 BSPP	33040804	10	1/2 BSPP	1/4 BSPP	33040806	10	1/2 BSPP	3/8 BSPP	33041206	10	3/4 BSPP	3/8 BSPP	33041208	10	3/4 BSPP	1/2 BSPP	33041612	1	1" BSPP	3/4 BSPP								
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Pipe Fittings

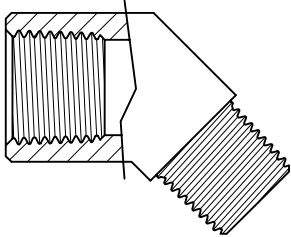
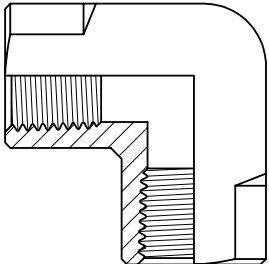
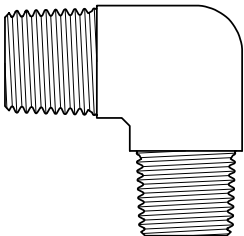
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332612	5	-	3/4 BSPT																																																														
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See Next Page For 45° Elbows

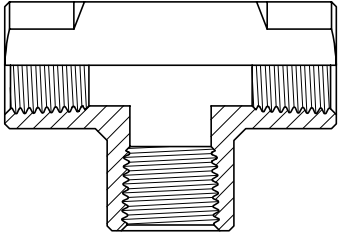
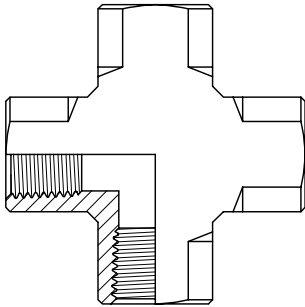
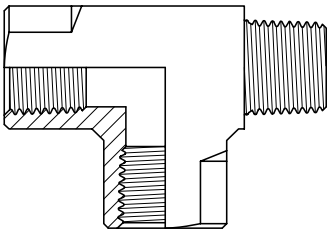
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Pipe Fittings

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<p>340045</p> 	<p style="text-align: center;">Male To Female 45° Elbow</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th style="text-align: center;">Part Number</th> <th style="text-align: center;">Standard Pack</th> <th style="text-align: center;">Pipe Thread (Female)</th> <th style="text-align: center;">Pipe Thread (Male)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">34004502</td> <td style="text-align: center;">5</td> <td style="text-align: center;">1/8 BSPP</td> <td style="text-align: center;">1/8 BSPT</td> </tr> <tr> <td style="text-align: center;">34004504</td> <td style="text-align: center;">5</td> <td style="text-align: center;">1/4 BSPP</td> <td style="text-align: center;">1/4 BSPT</td> </tr> <tr> <td style="text-align: center;">34004506</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3/8 BSPP</td> <td style="text-align: center;">3/8 BSPT</td> </tr> <tr> <td style="text-align: center;">34004508</td> <td style="text-align: center;">5</td> <td style="text-align: center;">1/2 BSPP</td> <td style="text-align: center;">1/2 BSPT</td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">See Previous Page For 90° Elbows.</p>	Part Number	Standard Pack	Pipe Thread (Female)	Pipe Thread (Male)	34004502	5	1/8 BSPP	1/8 BSPT	34004504	5	1/4 BSPP	1/4 BSPT	34004506	5	3/8 BSPP	3/8 BSPT	34004508	5	1/2 BSPP	1/2 BSPT												
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Pipe Fittings

<p style="text-align: center;">Female Tee</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th>Part Number</th> <th>Standard Pack</th> <th>Tube</th> <th>Pipe Thread (Female)</th> </tr> </thead> <tbody> <tr> <td>370002</td> <td>10</td> <td>-</td> <td>1/8 BSPP</td> </tr> <tr> <td>370004</td> <td>10</td> <td>-</td> <td>1/4 BSPP</td> </tr> <tr> <td>370006</td> <td>10</td> <td>-</td> <td>3/8 BSPP</td> </tr> <tr> <td>370008</td> <td>10</td> <td>-</td> <td>1/2 BSPP</td> </tr> </tbody> </table>	Part Number	Standard Pack	Tube	Pipe Thread (Female)	370002	10	-	1/8 BSPP	370004	10	-	1/4 BSPP	370006	10	-	3/8 BSPP	370008	10	-	1/2 BSPP	<p style="text-align: right; font-size: 24pt;">3700</p> 
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400004	10	1/4 BSPT	1/4 BSPT																		
400006	10	3/8 BSPT	3/8 BSPT																		

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