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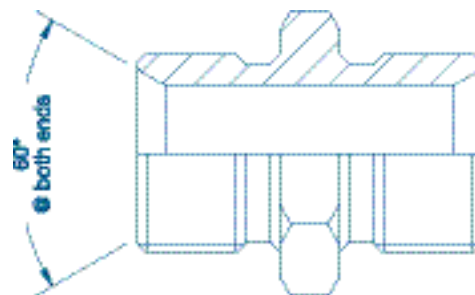
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## BSP male x BSP male

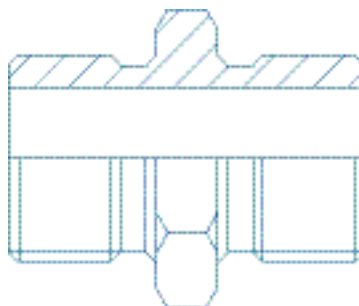
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<b>00007</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>00008</b>	<b>1/4 bsp x 5/8 bsp</b>
<b>00009</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>00010</b>	<b>1/4 bsp x 1 bsp</b>
<b>00011</b>	<b>1/4 bsp x 1-1/4 bsp</b>
<b>00012</b>	<b>1/4 bsp x 1-1/2 bsp</b>
<b>00013</b>	<b>1/4 bsp x 2 bsp</b>
<b>00014</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>00015</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>00016</b>	<b>3/8 bsp x 5/8 bsp</b>
<b>00017</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>00018</b>	<b>3/8 bsp x 1 bsp</b>
<b>00019</b>	<b>3/8 bsp x 1-1/4 bsp</b>
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<b>00029</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>00030</b>	<b>5/8 bsp x 1 bsp</b>
<b>00031</b>	<b>5/8 bsp x 1-1/4 bsp</b>
<b>00069</b>	<b>5/8 bsp x 1-1/2 bsp</b>
<b>00032</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>00033</b>	<b>3/4 bsp x 1 bsp</b>
<b>00034</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>00035</b>	<b>3/4 bsp x 1-1/2 bsp</b>

Code	Description
<b>00036</b>	<b>3/4 bsp x 2 bsp</b>
<b>00037</b>	<b>1 bsp x 1 bsp</b>
<b>00038</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>00039</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>00040</b>	<b>1 bsp x 2 bsp</b>
<b>00051</b>	<b>1 bsp x 2-1/2 bsp</b>
<b>00042</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>00043</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>00044</b>	<b>1-1/4 bsp x 2 bsp</b>
<b>00041</b>	<b>1-1/4 bsp x 2-1/2 bsp</b>
<b>00045</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>00046</b>	<b>1-1/2 bsp x 1-3/4 bsp</b>
<b>00047</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>00048</b>	<b>1-1/2 bsp x 2-1/2 bsp</b>
<b>00057</b>	<b>1-3/4 bsp x 1-3/4 bsp</b>
<b>00049</b>	<b>1-3/4 bsp x 2 bsp</b>
<b>00058</b>	<b>1-3/4 bsp x 2-1/2 bsp</b>
<b>00050</b>	<b>2 bsp x 2 bsp</b>
<b>00053</b>	<b>2 bsp x 2-1/2 bsp</b>
<b>00056</b>	<b>2 bsp x 3 bsp</b>
<b>00063</b>	<b>2 bsp x 4 bsp</b>
<b>00052</b>	<b>2-1/2 bsp x 2-1/2 bsp</b>
<b>00054</b>	<b>2-1/2 bsp x 3 bsp</b>
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<b>00064</b>	<b>3 bsp x 4 bsp</b>
<b>00061</b>	<b>3-1/2 bsp x 4 bsp</b>
<b>00062</b>	<b>4 bsp x 4 bsp</b>



## BSP male x BSP male flat faced full thread both ends

Code	Description
<b>20005</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>20014</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>20021</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>20023</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>20032</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>20037</b>	<b>1 bsp x 1 bsp</b>

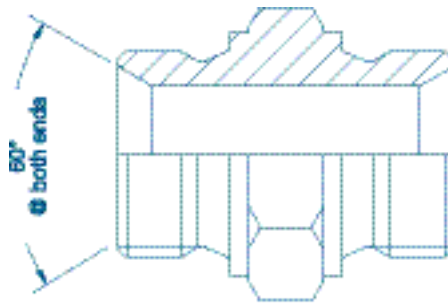


## BSP male x BSP male to DIN 3852 Form A

Code	Description
<b>09900</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>09901</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>09902</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>09904</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>09906</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>09907</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>09914</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>09915</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>09918</b>	<b>3/8 bsp x 5/8 bsp</b>
<b>09916</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>09919</b>	<b>3/8 bsp x 1-1/4 bsp</b>
<b>09920</b>	<b>3/8 bsp x 1-1/2 bsp</b>
<b>09921</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>09922</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>09923</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>09924</b>	<b>1/2 bsp x 1 bsp</b>
<b>09928</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>09929</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>09932</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>09933</b>	<b>3/4 bsp x 1 bsp</b>
<b>09934</b>	<b>3/4 bsp x 1-1/4 bsp</b>

Code	Description
<b>09937</b>	<b>1 bsp x 1 bsp</b>
<b>09938</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>09939</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>09941</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>09942</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>09945</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>09947</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>09951</b>	<b>2 bsp x 2 bsp</b>
<b>09953</b>	<b>2 bsp x 2-1/2 bsp</b>

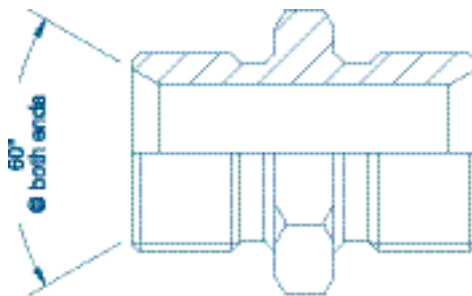
Other sizes in this range may be available on request.



## BSP male x BSP male 174 spec

Code	Description
<b>00121</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>00100</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>00114</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>00117</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>00101</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>00120</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>00102</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>00103</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>00126</b>	<b>3/8 bsp x 1 bsp</b>
<b>00125</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>00124</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>00104</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>00116</b>	<b>1/2 bsp x 1 bsp</b>
<b>00105</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>00127</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>00115</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>00106</b>	<b>3/4 bsp x 1 bsp</b>
<b>00107</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>00122</b>	<b>3/4 bsp x 1-1/2 bsp</b>

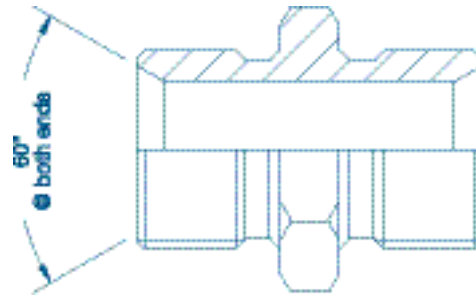
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<b>00119</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>00108</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>00128</b>	<b>1 bsp x 2 bsp</b>
<b>00109</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>00110</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>00129</b>	<b>1-1/4 bsp x 2 bsp</b>
<b>00111</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>00112</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>00113</b>	<b>2 bsp x 2 bsp</b>





## BSP male x BSP male BS5200 spec

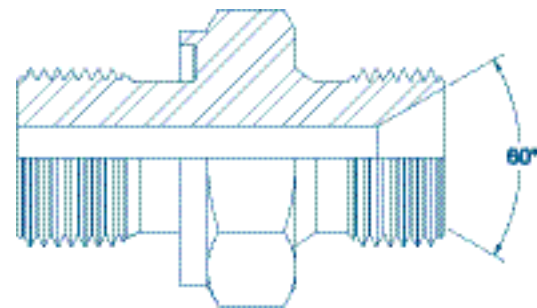
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<b>5200-04-06</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>5200-06-06</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>5200-06-08</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>5200-08-08</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>5200-12-12</b>	<b>3/4 bsp x 3/4 bsp</b>



## BSP male 3869 SEAL x BSP male

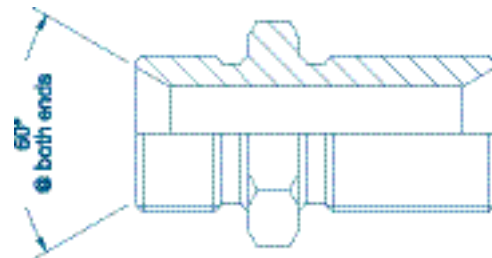
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<b>00005-3869</b>	<b>1/4 bsp3869 x 1/4 bsp</b>
<b>00014-3869</b>	<b>3/8 bsp3869 x 3/8 bsp</b>
<b>00021-3869</b>	<b>1/2 bsp3869 x 1/2 bsp</b>
<b>00023-3869</b>	<b>3/4 bsp3869 x 1/2 bsp</b>

Complete with seal.



## BSP male x BSP male bulkhead LESS LOCKNUT

Code	Description
<b>00200</b>	<b>1/8 bsp</b>
<b>00201</b>	<b>1/4 bsp</b>
<b>00202</b>	<b>3/8 bsp</b>
<b>00203</b>	<b>1/2 bsp</b>
<b>00204</b>	<b>5/8 bsp</b>
<b>00205</b>	<b>3/4 bsp</b>
<b>00206</b>	<b>1 bsp</b>
<b>00207</b>	<b>1-1/4 bsp</b>
<b>00208</b>	<b>1-1/2 bsp</b>
<b>00209</b>	<b>2 bsp</b>
<b>00216</b>	<b>2-1/2 bsp</b>
<b>00217</b>	<b>3 bsp</b>
<b>00212</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>00223</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>00213</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>00211</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>00210</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>00222</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>00214</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>00215</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>00219</b>	<b>3/4 bsp x 1 bsp</b>
<b>00220</b>	<b>1 bsp x 3/4 bsp</b>
<b>00218</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>00224</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>00225</b>	<b>1-1/2 bsp x 1 bsp</b>



## BSP Locknut

Code	Description
<b>00250</b>	<b>1/8 bsp</b>
<b>00251</b>	<b>1/4 bsp</b>
<b>00252</b>	<b>3/8 bsp</b>
<b>00253</b>	<b>1/2 bsp</b>
<b>00254</b>	<b>5/8 bsp</b>
<b>00255</b>	<b>3/4 bsp</b>
<b>00256</b>	<b>1 bsp</b>
<b>00257</b>	<b>1-1/4 bsp</b>

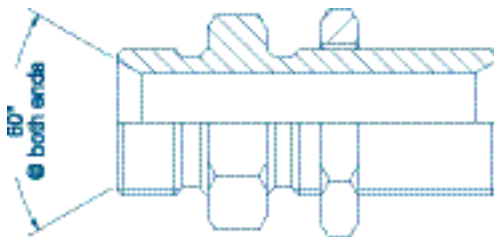
Code	Description
<b>00258</b>	<b>1-1/2 bsp</b>
<b>00259</b>	<b>2 bsp</b>
<b>00260</b>	<b>2-1/2 bsp</b>
<b>00261</b>	<b>3 bsp</b>



## BSP male x BSP male bulkhead WITH LOCKNUT

Code	Description
<b>09500</b>	<b>1/8 bsp</b>
<b>09501</b>	<b>1/4 bsp</b>
<b>09502</b>	<b>3/8 bsp</b>
<b>09503</b>	<b>1/2 bsp</b>
<b>09504</b>	<b>5/8 bsp</b>
<b>09506</b>	<b>3/4 bsp</b>
<b>09507</b>	<b>1 bsp</b>
<b>09508</b>	<b>1-1/4 bsp</b>
<b>09509</b>	<b>1-1/2 bsp</b>
<b>09510</b>	<b>2 bsp</b>
<b>09516</b>	<b>2-1/2 bsp</b>
<b>09517</b>	<b>3 bsp</b>

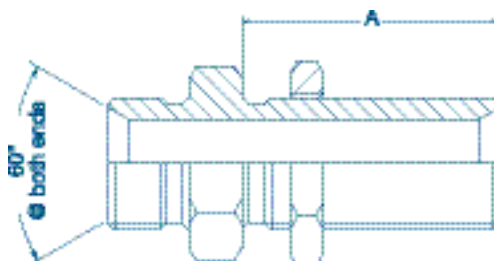
Code	Description
<b>09512</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>09523</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>09513</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>09505</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>09511</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>09519</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>09514</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>09515</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>09518</b>	<b>3/4 bsp x 1 bsp</b>
<b>09520</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>09524</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>09521</b>	<b>1-1/2 bsp x 1 bsp</b>



## BSP male x BSP male extended bulkhead WITH LOCKNUT

Code	Description	A
<b>12201</b>	<b>1/4 bsp</b>	1.790"
<b>12202</b>	<b>3/8 bsp</b>	1.850"
<b>12203</b>	<b>1/2 bsp</b>	2.030"
<b>12205</b>	<b>5/8 bsp</b>	2.070"
<b>12204</b>	<b>3/4 bsp</b>	2.250"
<b>12206</b>	<b>1 bsp</b>	2.560"
<b>12216</b>	<b>1-1/2 bsp</b>	2.570"
<b>12217</b>	<b>2 bsp</b>	2.570"

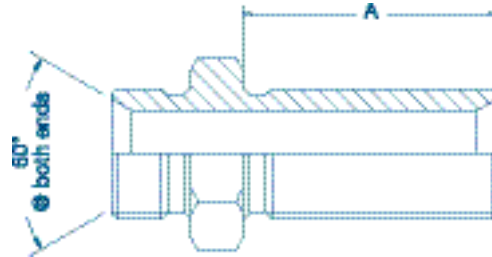
Code	Description	A
<b>12211</b>	<b>3/8 bsp x 1/2 bsp</b>	2.030"
<b>12210</b>	<b>1/2 bsp x 3/8 bsp</b>	1.850"
<b>12215</b>	<b>3/4 bsp x 1/2 bsp</b>	2.030"



## BSP male x BSP male extended bulkhead LESS LOCKNUT

Code	Description	A
<b>00240</b>	<b>1/4 bsp</b>	1.790"
<b>00241</b>	<b>3/8 bsp</b>	1.850"
<b>00242</b>	<b>1/2 bsp</b>	2.030"
<b>00245</b>	<b>5/8 bsp</b>	2.070"
<b>00243</b>	<b>3/4 bsp</b>	2.250"
<b>00244</b>	<b>1 bsp</b>	2.560"
<b>00246</b>	<b>1-1/2 bsp</b>	2.570"
<b>00239</b>	<b>2 bsp</b>	2.570"

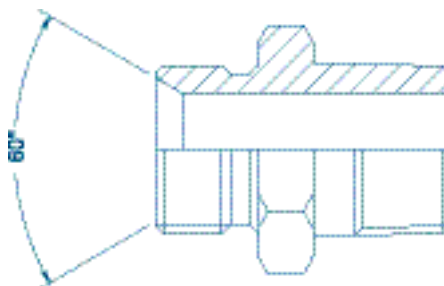
Code	Description	A
<b>00248</b>	<b>3/8 bsp x 1/2 bsp</b>	2.030"
<b>00247</b>	<b>1/2 bsp x 3/8 bsp</b>	1.850"
<b>00249</b>	<b>3/4 bsp x 1/2 bsp</b>	2.030"



## BSP male x BSPT male

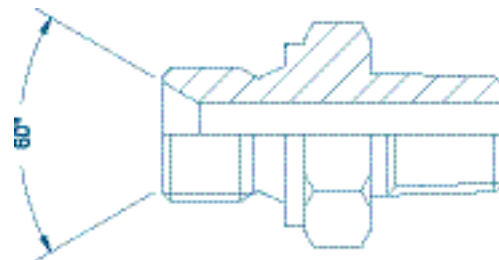
Code	Description
<b>00301</b>	<b>1/8 bsp x 1/8 bspt</b>
<b>00302</b>	<b>1/8 bsp x 1/4 bspt</b>
<b>00303</b>	<b>1/8 bsp x 3/8 bspt</b>
<b>00304</b>	<b>1/8 bsp x 1/2 bspt</b>
<b>00305</b>	<b>1/4 bsp x 1/8 bspt</b>
<b>00306</b>	<b>1/4 bsp x 1/4 bspt</b>
<b>00307</b>	<b>1/4 bsp x 3/8 bspt</b>
<b>00308</b>	<b>1/4 bsp x 1/2 bspt</b>
<b>00310</b>	<b>1/4 bsp x 3/4 bspt</b>
<b>00311</b>	<b>3/8 bsp x 1/8 bspt</b>
<b>00312</b>	<b>3/8 bsp x 1/4 bspt</b>
<b>00313</b>	<b>3/8 bsp x 3/8 bspt</b>
<b>00314</b>	<b>3/8 bsp x 1/2 bspt</b>
<b>00315</b>	<b>3/8 bsp x 5/8 bspt</b>
<b>00316</b>	<b>3/8 bsp x 3/4 bspt</b>
<b>00317</b>	<b>3/8 bsp x 1 bspt</b>
<b>00318</b>	<b>1/2 bsp x 1/8 bspt</b>
<b>00319</b>	<b>1/2 bsp x 1/4 bspt</b>
<b>00320</b>	<b>1/2 bsp x 3/8 bspt</b>
<b>00321</b>	<b>1/2 bsp x 1/2 bspt</b>
<b>00322</b>	<b>1/2 bsp x 5/8 bspt</b>
<b>00323</b>	<b>1/2 bsp x 3/4 bspt</b>
<b>00324</b>	<b>1/2 bsp x 1 bspt</b>
<b>00360</b>	<b>1/2 bsp x 1-1/4 bspt</b>
<b>00325</b>	<b>5/8 bsp x 1/4 bspt</b>
<b>00326</b>	<b>5/8 bsp x 3/8 bspt</b>
<b>00327</b>	<b>5/8 bsp x 1/2 bspt</b>
<b>00328</b>	<b>5/8 bsp x 5/8 bspt</b>
<b>00329</b>	<b>5/8 bsp x 3/4 bspt</b>
<b>00330</b>	<b>3/4 bsp x 1/4 bspt</b>
<b>00331</b>	<b>3/4 bsp x 3/8 bspt</b>
<b>00332</b>	<b>3/4 bsp x 1/2 bspt</b>
<b>00333</b>	<b>3/4 bsp x 5/8 bspt</b>
<b>00334</b>	<b>3/4 bsp x 3/4 bspt</b>
<b>00335</b>	<b>3/4 bsp x 1 bspt</b>
<b>00336</b>	<b>3/4 bsp x 1-1/4 bspt</b>
<b>00361</b>	<b>1 bsp x 1-1/2 bspt</b>
<b>00362</b>	<b>1 bsp x 2 bspt</b>
<b>00363</b>	<b>1-1/2 bsp x 2 bspt</b>
<b>00364</b>	<b>1-1/2 bsp x 3 bspt</b>
<b>00365</b>	<b>2 bsp x 3 bspt</b>
<b>00366</b>	<b>2 bsp x 4 bspt</b>

Code	Description
<b>00337</b>	<b>1 bsp x 1/4 bspt</b>
<b>00361</b>	<b>1 bsp x 3/8 bspt</b>
<b>00338</b>	<b>1 bsp x 1/2 bspt</b>
<b>00339</b>	<b>1 bsp x 3/4 bspt</b>
<b>00340</b>	<b>1 bsp x 1 bspt</b>
<b>00341</b>	<b>1 bsp x 1-1/4 bspt</b>
<b>00342</b>	<b>1 bsp x 1-1/2 bspt</b>
<b>00343</b>	<b>1 bsp x 2 bspt</b>
<b>00344</b>	<b>1-1/4 bsp x 3/4 bspt</b>
<b>00345</b>	<b>1-1/4 bsp x 1 bspt</b>
<b>00346</b>	<b>1-1/4 bsp x 1-1/4 bspt</b>
<b>00347</b>	<b>1-1/4 bsp x 1-1/2 bspt</b>
<b>00348</b>	<b>1-1/4 bsp x 2 bspt</b>
<b>00349</b>	<b>1-1/2 bsp x 1 bspt</b>
<b>00350</b>	<b>1-1/2 bsp x 1-1/4 bspt</b>
<b>00351</b>	<b>1-1/2 bsp x 1-1/2 bspt</b>
<b>00352</b>	<b>1-1/2 bsp x 2 bspt</b>
<b>00353</b>	<b>2 bsp x 1 bspt</b>
<b>00354</b>	<b>2 bsp x 1-1/4 bspt</b>
<b>00355</b>	<b>2 bsp x 1-1/2 bspt</b>
<b>00356</b>	<b>2 bsp x 2 bspt</b>
<b>00363</b>	<b>2 bsp x 2-1/2 bspt</b>
<b>00362</b>	<b>2 bsp x 3 bspt</b>
<b>00359</b>	<b>2-1/2 bsp x 2 bspt</b>
<b>00357</b>	<b>2-1/2 bsp x 2-1/2 bspt</b>
<b>00364</b>	<b>2-1/2 bsp x 3 bspt</b>
<b>00369</b>	<b>3 bsp x 2-1/2 bspt</b>
<b>00358</b>	<b>3 bsp x 3 bspt</b>
<b>00366</b>	<b>4 bsp x 4 bspt</b>



## BSP male DIN 3852 FORM A x BSPT male

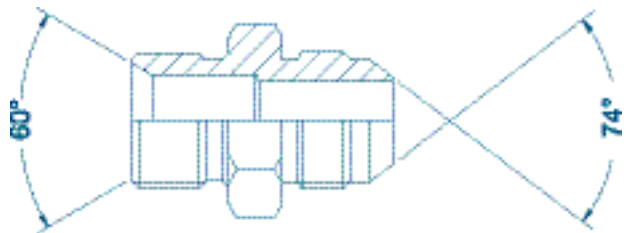
Code	Description
<b>60001</b>	<b>1/8 bsp x 1/8 bspt</b>
<b>60002</b>	<b>1/8 bsp x 1/4 bspt</b>
<b>60003</b>	<b>1/8 bsp x 3/8 bspt</b>
<b>60004</b>	<b>1/8 bsp x 1/2 bspt</b>
<b>60005</b>	<b>1/4 bsp x 1/8 bspt</b>
<b>60006</b>	<b>1/4 bsp x 1/4 bspt</b>
<b>60007</b>	<b>1/4 bsp x 3/8 bspt</b>
<b>60008</b>	<b>1/4 bsp x 1/2 bspt</b>
<b>60009</b>	<b>1/4 bsp x 3/4 bspt</b>
<b>60010</b>	<b>3/8 bsp x 1/8 bspt</b>
<b>60011</b>	<b>3/8 bsp x 1/4 bspt</b>
<b>60012</b>	<b>3/8 bsp x 3/8 bspt</b>
<b>60013</b>	<b>3/8 bsp x 1/2 bspt</b>
<b>60015</b>	<b>3/8 bsp x 3/4 bspt</b>
<b>60016</b>	<b>3/8 bsp x 1 bspt</b>
<b>60017</b>	<b>1/2 bsp x 1/8 bspt</b>
<b>60018</b>	<b>1/2 bsp x 1/4 bspt</b>
<b>60019</b>	<b>1/2 bsp x 3/8 bspt</b>
<b>60020</b>	<b>1/2 bsp x 1/2 bspt</b>
<b>60022</b>	<b>1/2 bsp x 3/4 bspt</b>
<b>60023</b>	<b>1/2 bsp x 1 bspt</b>
<b>60024</b>	<b>1/2 bsp x 1-1/4 bspt</b>
<b>60030</b>	<b>3/4 bsp x 1/4 bspt</b>
<b>60031</b>	<b>3/4 bsp x 3/8 bspt</b>
<b>60032</b>	<b>3/4 bsp x 1/2 bspt</b>
<b>60034</b>	<b>3/4 bsp x 3/4 bspt</b>
<b>60035</b>	<b>3/4 bsp x 1 bspt</b>
<b>60036</b>	<b>3/4 bsp x 1-1/4 bspt</b>
<b>60037</b>	<b>3/4 bsp x 1-1/2 bspt</b>
<b>60038</b>	<b>1 bsp x 3/8 bspt</b>
<b>60039</b>	<b>1 bsp x 1/2 bspt</b>
<b>60040</b>	<b>1 bsp x 3/4 bspt</b>
<b>60041</b>	<b>1 bsp x 1 bspt</b>
<b>60042</b>	<b>1 bsp x 1-1/4 bspt</b>
<b>60043</b>	<b>1 bsp x 1-1/2 bspt</b>
<b>60044</b>	<b>1 bsp x 2 bspt</b>
<b>60045</b>	<b>1-1/4 bsp x 3/4 bspt</b>
<b>60046</b>	<b>1-1/4 bsp x 1 bspt</b>
<b>60047</b>	<b>1-1/4 bsp x 1-1/4 bspt</b>
<b>60048</b>	<b>1-1/4 bsp x 1-1/2 bspt</b>
<b>60049</b>	<b>1-1/4 bsp x 2 bspt</b>
<b>60050</b>	<b>1-1/2 bsp x 1 bspt</b>
<b>60051</b>	<b>1-1/2 bsp x 1-1/4 bspt</b>
<b>60052</b>	<b>1-1/2 bsp x 1-1/2 bspt</b>
<b>60053</b>	<b>1-1/2 bsp x 2 bspt</b>
<b>60054</b>	<b>2 bsp x 1 bspt</b>
<b>60055</b>	<b>2 bsp x 1-1/4 bspt</b>
<b>60056</b>	<b>2 bsp x 1-1/2 bspt</b>
<b>60057</b>	<b>2 bsp x 2 bspt</b>



## BSP male x JIC male

Code	Description
<b>01164</b>	<b>1/8 bsp x 3/8 jic</b>
<b>01101</b>	<b>1/8 bsp x 7/16 jic</b>
<b>01102</b>	<b>1/8 bsp x 1/2 jic</b>
<b>01100</b>	<b>1/8 bsp x 9/16 jic</b>
<b>01160</b>	<b>1/4 bsp x 5/16 jic</b>
<b>01163</b>	<b>1/4 bsp x 3/8 jic</b>
<b>01103</b>	<b>1/4 bsp x 7/16 jic</b>
<b>01104</b>	<b>1/4 bsp x 1/2 jic</b>
<b>01105</b>	<b>1/4 bsp x 9/16 jic</b>
<b>01106</b>	<b>1/4 bsp x 3/4 jic</b>
<b>01107</b>	<b>1/4 bsp x 7/8 jic</b>
<b>01155</b>	<b>1/4 bsp x 1-1/16 jic</b>
<b>01168</b>	<b>1/4 bsp x 1-3/16 jic</b>
<b>01108</b>	<b>1/4 bsp x 1-5/16 jic</b>
<b>01109</b>	<b>3/8 bsp x 7/16 jic</b>
<b>01110</b>	<b>3/8 bsp x 1/2 jic</b>
<b>01111</b>	<b>3/8 bsp x 9/16 jic</b>
<b>01112</b>	<b>3/8 bsp x 3/4 jic</b>
<b>01113</b>	<b>3/8 bsp x 7/8 jic</b>
<b>01114</b>	<b>3/8 bsp x 1-1/16 jic</b>
<b>01115</b>	<b>3/8 bsp x 1-5/16 jic</b>
<b>01116</b>	<b>1/2 bsp x 7/16 jic</b>
<b>01117</b>	<b>1/2 bsp x 1/2 jic</b>
<b>01118</b>	<b>1/2 bsp x 9/16 jic</b>
<b>01119</b>	<b>1/2 bsp x 3/4 jic</b>
<b>01120</b>	<b>1/2 bsp x 7/8 jic</b>
<b>01121</b>	<b>1/2 bsp x 1-1/16 jic</b>
<b>01174</b>	<b>1/2 bsp x 1-3/16 jic</b>
<b>01122</b>	<b>1/2 bsp x 1-5/16 jic</b>
<b>01180</b>	<b>5/8 bsp x 7/16 jic</b>
<b>01181</b>	<b>5/8 bsp x 1/2 jic</b>
<b>01123</b>	<b>5/8 bsp x 9/16 jic</b>
<b>01124</b>	<b>5/8 bsp x 3/4 jic</b>
<b>01125</b>	<b>5/8 bsp x 7/8 jic</b>
<b>01126</b>	<b>5/8 bsp x 1-1/16 jic</b>
<b>01127</b>	<b>5/8 bsp x 1-3/16 jic</b>
<b>01128</b>	<b>5/8 bsp x 1-5/16 jic</b>
<b>01182</b>	<b>5/8 bsp x 1-5/8 jic</b>
<b>01129</b>	<b>3/4 bsp x 7/16 jic</b>
<b>01130</b>	<b>3/4 bsp x 1/2 jic</b>
<b>01150</b>	<b>3/4 bsp x 9/16 jic</b>
<b>01131</b>	<b>3/4 bsp x 3/4 jic</b>
<b>01132</b>	<b>3/4 bsp x 7/8 jic</b>
<b>01133</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>01134</b>	<b>3/4 bsp x 1-3/16 jic</b>
<b>01135</b>	<b>3/4 bsp x 1-5/16 jic</b>
<b>01148</b>	<b>3/4 bsp x 1-5/8 jic</b>
<b>01158</b>	<b>3/4 bsp x 1-7/8 jic</b>

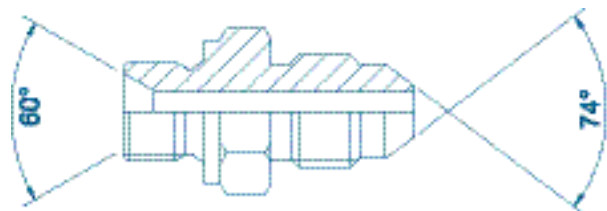
Code	Description
<b>01169</b>	<b>1 bsp x 9/16 jic</b>
<b>01136</b>	<b>1 bsp x 3/4 jic</b>
<b>01137</b>	<b>1 bsp x 7/8 jic</b>
<b>01138</b>	<b>1 bsp x 1-1/16 jic</b>
<b>01139</b>	<b>1 bsp x 1-3/16 jic</b>
<b>01140</b>	<b>1 bsp x 1-5/16 jic</b>
<b>01141</b>	<b>1 bsp x 1-5/8 jic</b>
<b>01156</b>	<b>1 bsp x 1-7/8 jic</b>
<b>01151</b>	<b>1 bsp x 2-1/2 jic</b>
<b>01142</b>	<b>1-1/4 bsp x 1-1/16 jic</b>
<b>01143</b>	<b>1-1/4 bsp x 1-5/16 jic</b>
<b>01144</b>	<b>1-1/4 bsp x 1-5/8 jic</b>
<b>01145</b>	<b>1-1/4 bsp x 1-7/8 jic</b>
<b>01152</b>	<b>1-1/4 bsp x 2-1/2 jic</b>
<b>01159</b>	<b>1-1/2 bsp x 1-1/16 jic</b>
<b>01149</b>	<b>1-1/2 bsp x 1-5/16 jic</b>
<b>01154</b>	<b>1-1/2 bsp x 1-5/8 jic</b>
<b>01146</b>	<b>1-1/2 bsp x 1-7/8 jic</b>
<b>01153</b>	<b>1-1/2 bsp x 2-1/2 jic</b>
<b>01162</b>	<b>2 bsp x 1-5/16 jic</b>
<b>01175</b>	<b>2 bsp x 1-5/8 jic</b>
<b>01157</b>	<b>2 bsp x 1-7/8 jic</b>
<b>01147</b>	<b>2 bsp x 2-1/2 jic</b>
<b>01179</b>	<b>2-1/2 bsp x 1-7/8 jic</b>
<b>01165</b>	<b>3 bsp x 1-7/8 jic</b>
<b>01166</b>	<b>3 bsp x 2-1/2 jic</b>
<b>01167</b>	<b>3-1/2 bsp x 2-1/2 jic</b>



## BSP male DIN 3852 FORM A x JIC male

Code	Description
<b>61164</b>	<b>1/8 bsp x 3/8 jic</b>
<b>61101</b>	<b>1/8 bsp x 7/16 jic</b>
<b>61102</b>	<b>1/8 bsp x 1/2 jic</b>
<b>61100</b>	<b>1/8 bsp x 9/16 jic</b>
<b>61160</b>	<b>1/4 bsp x 5/16 jic</b>
<b>61163</b>	<b>1/4 bsp x 3/8 jic</b>
<b>61103</b>	<b>1/4 bsp x 7/16 jic</b>
<b>61104</b>	<b>1/4 bsp x 1/2 jic</b>
<b>61105</b>	<b>1/4 bsp x 9/16 jic</b>
<b>61106</b>	<b>1/4 bsp x 3/4 jic</b>
<b>61107</b>	<b>1/4 bsp x 7/8 jic</b>
<b>61155</b>	<b>1/4 bsp x 1-1/16 jic</b>
<b>61168</b>	<b>1/4 bsp x 1-3/16 jic</b>
<b>61108</b>	<b>1/4 bsp x 1-5/16 jic</b>
<b>61170</b>	<b>3/8 bsp x 3/8 jic</b>
<b>61109</b>	<b>3/8 bsp x 7/16 jic</b>
<b>61110</b>	<b>3/8 bsp x 1/2 jic</b>
<b>61111</b>	<b>3/8 bsp x 9/16 jic</b>
<b>61112</b>	<b>3/8 bsp x 3/4 jic</b>
<b>61113</b>	<b>3/8 bsp x 7/8 jic</b>
<b>61114</b>	<b>3/8 bsp x 1-1/16 jic</b>
<b>61171</b>	<b>3/8 bsp x 1-3/16 jic</b>
<b>61115</b>	<b>3/8 bsp x 1-5/16 jic</b>
<b>61116</b>	<b>1/2 bsp x 7/16 jic</b>
<b>61117</b>	<b>1/2 bsp x 1/2 jic</b>
<b>61118</b>	<b>1/2 bsp x 9/16 jic</b>
<b>61119</b>	<b>1/2 bsp x 3/4 jic</b>
<b>61120</b>	<b>1/2 bsp x 7/8 jic</b>
<b>61121</b>	<b>1/2 bsp x 1-1/16 jic</b>
<b>61122</b>	<b>1/2 bsp x 1-5/16 jic</b>
<b>61161</b>	<b>1/2 bsp x 1-7/8 jic</b>
<b>61123</b>	<b>5/8 bsp x 9/16 jic</b>
<b>61124</b>	<b>5/8 bsp x 3/4 jic</b>
<b>61125</b>	<b>5/8 bsp x 7/8 jic</b>
<b>61126</b>	<b>5/8 bsp x 1-1/16 jic</b>
<b>61127</b>	<b>5/8 bsp x 1-3/16 jic</b>
<b>61128</b>	<b>5/8 bsp x 1-5/16 jic</b>
<b>61129</b>	<b>3/4 bsp x 7/16 jic</b>
<b>61130</b>	<b>3/4 bsp x 1/2 jic</b>
<b>61150</b>	<b>3/4 bsp x 9/16 jic</b>
<b>61131</b>	<b>3/4 bsp x 3/4 jic</b>
<b>61132</b>	<b>3/4 bsp x 7/8 jic</b>
<b>61133</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>61134</b>	<b>3/4 bsp x 1-3/16 jic</b>
<b>61135</b>	<b>3/4 bsp x 1-5/16 jic</b>
<b>61148</b>	<b>3/4 bsp x 1-5/8 jic</b>
<b>61158</b>	<b>3/4 bsp x 1-7/8 jic</b>

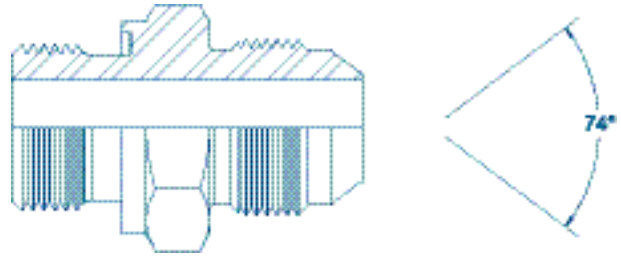
Code	Description
<b>61169</b>	<b>1 bsp x 9/16 jic</b>
<b>61136</b>	<b>1 bsp x 3/4 jic</b>
<b>61137</b>	<b>1 bsp x 7/8 jic</b>
<b>61138</b>	<b>1 bsp x 1-1/16 jic</b>
<b>61139</b>	<b>1 bsp x 1-3/16 jic</b>
<b>61140</b>	<b>1 bsp x 1-5/16 jic</b>
<b>61141</b>	<b>1 bsp x 1-5/8 jic</b>
<b>61156</b>	<b>1 bsp x 1-7/8 jic</b>
<b>61151</b>	<b>1 bsp x 2-1/2 jic</b>
<b>61142</b>	<b>1-1/4 bsp x 1-1/16 jic</b>
<b>61143</b>	<b>1-1/4 bsp x 1-5/16 jic</b>
<b>61144</b>	<b>1-1/4 bsp x 1-5/8 jic</b>
<b>61145</b>	<b>1-1/4 bsp x 1-7/8 jic</b>
<b>61152</b>	<b>1-1/4 bsp x 2-1/2 jic</b>
<b>61159</b>	<b>1-1/2 bsp x 1-1/16 jic</b>
<b>61149</b>	<b>1-1/2 bsp x 1-5/16 jic</b>
<b>61154</b>	<b>1-1/2 bsp x 1-5/8 jic</b>
<b>61146</b>	<b>1-1/2 bsp x 1-7/8 jic</b>
<b>61153</b>	<b>1-1/2 bsp x 2-1/2 jic</b>
<b>61162</b>	<b>2 bsp x 1-5/16 jic</b>
<b>61157</b>	<b>2 bsp x 1-7/8 jic</b>
<b>61147</b>	<b>2 bsp x 2-1/2 jic</b>
<b>61165</b>	<b>3 bsp x 1-7/8 jic</b>
<b>61166</b>	<b>3 bsp x 2-1/2 jic</b>
<b>61167</b>	<b>3-1/2 bsp x 2-1/2 jic</b>



## BSP male 3869 SEAL x JIC male

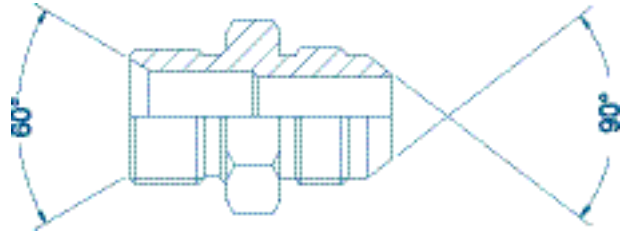
Code	Description
<b>01111-3869</b>	<b>3/8</b> bsp3869 x <b>9/16</b> jic
<b>01132-3869</b>	<b>3/4</b> bsp3869 x <b>7/8</b> bsp

Complete with seal.



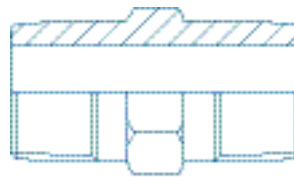
## BSP male x SAE male 45° external flare

Code	Description
<b>13200</b>	<b>3/8</b> bsp x <b>5/8</b> sae
<b>13201</b>	<b>3/8</b> bsp x <b>1-1/16</b> sae



## BSPT male x BSPT male

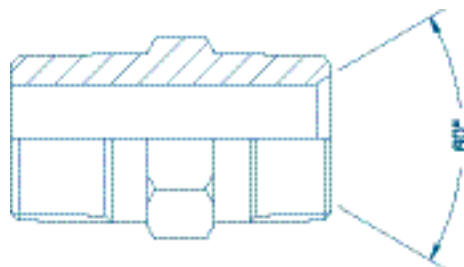
Code	Description
<b>00410</b>	<b>1/8</b> bspt x <b>1/8</b> bspt
<b>00412</b>	<b>1/8</b> bspt x <b>1/4</b> bspt
<b>00400</b>	<b>1/8</b> bspt x <b>3/8</b> bspt
<b>00401</b>	<b>1/4</b> bspt x <b>1/4</b> bspt
<b>00414</b>	<b>1/4</b> bspt x <b>3/8</b> bspt
<b>00411</b>	<b>1/4</b> bspt x <b>1/2</b> bspt
<b>00402</b>	<b>3/8</b> bspt x <b>3/8</b> bspt
<b>00403</b>	<b>3/8</b> bspt x <b>1/2</b> bspt
<b>00404</b>	<b>1/2</b> bspt x <b>1/2</b> bspt
<b>00398</b>	<b>1/2</b> bspt x <b>5/8</b> bspt
<b>00417</b>	<b>1/2</b> bspt x <b>3/4</b> bspt
<b>00415</b>	<b>5/8</b> bspt x <b>5/8</b> bspt
<b>00405</b>	<b>3/4</b> bspt x <b>3/4</b> bspt
<b>00416</b>	<b>3/4</b> bspt x <b>1</b> bspt
<b>00423</b>	<b>3/4</b> bspt x <b>1-1/4</b> bspt
<b>00406</b>	<b>1</b> bspt x <b>1</b> bspt
<b>00424</b>	<b>1</b> bspt x <b>1-1/4</b> bspt
<b>00413</b>	<b>1</b> bspt x <b>1-1/2</b> bspt
<b>00407</b>	<b>1-1/4</b> bspt x <b>1-1/4</b> bspt
<b>00419</b>	<b>1-1/4</b> bspt x <b>1-1/2</b> bspt
<b>00421</b>	<b>1-1/4</b> bspt x <b>2</b> bspt
<b>00408</b>	<b>1-1/2</b> bspt x <b>1-1/2</b> bspt
<b>00422</b>	<b>1-1/2</b> bspt x <b>2</b> bspt
<b>00397</b>	<b>1-1/2</b> bspt x <b>2-1/2</b> bspt
<b>00409</b>	<b>2</b> bspt x <b>2</b> bspt
<b>00399</b>	<b>2</b> bspt x <b>2-1/2</b> bspt
<b>00396</b>	<b>2</b> bspt x <b>3</b> bspt
<b>00418</b>	<b>2-1/2</b> bspt x <b>2-1/2</b> bspt
<b>00420</b>	<b>3</b> bspt x <b>3</b> bspt



## BSPT male x NPTF male

Code	Description
<b>10016</b>	<b>1/8</b> bspt x <b>1/8</b> nptf
<b>10012</b>	<b>1/8</b> bspt x <b>1/4</b> nptf
<b>10013</b>	<b>1/4</b> bspt x <b>1/8</b> nptf
<b>10000</b>	<b>1/4</b> bspt x <b>1/4</b> nptf
<b>10008</b>	<b>1/4</b> bspt x <b>3/8</b> nptf
<b>10033</b>	<b>1/4</b> bspt x <b>3/4</b> nptf
<b>10009</b>	<b>3/8</b> bspt x <b>1/4</b> nptf
<b>10001</b>	<b>3/8</b> bspt x <b>3/8</b> nptf
<b>10017</b>	<b>3/8</b> bspt x <b>1/2</b> nptf
<b>10032</b>	<b>3/8</b> bspt x <b>3/4</b> nptf
<b>10002</b>	<b>1/2</b> bspt x <b>1/2</b> nptf
<b>10022</b>	<b>1/2</b> bspt x <b>3/4</b> nptf
<b>10003</b>	<b>3/4</b> bspt x <b>3/4</b> nptf
<b>10015</b>	<b>3/4</b> bspt x <b>1</b> nptf
<b>10018</b>	<b>1</b> bspt x <b>3/4</b> nptf
<b>10004</b>	<b>1</b> bspt x <b>1</b> nptf
<b>10027</b>	<b>1</b> bspt x <b>1-1/4</b> nptf
<b>10020</b>	<b>1</b> bspt x <b>2</b> nptf
<b>10031</b>	<b>1-1/4</b> bspt x <b>1</b> nptf
<b>10005</b>	<b>1-1/4</b> bspt x <b>1-1/4</b> nptf

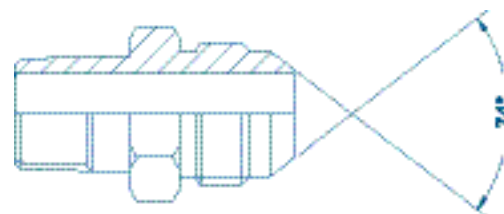
Code	Description
<b>10030</b>	<b>1-1/2</b> bspt x <b>1</b> nptf
<b>10011</b>	<b>1-1/2</b> bspt x <b>1-1/4</b> nptf
<b>10006</b>	<b>1-1/2</b> bspt x <b>1-1/2</b> nptf
<b>10023</b>	<b>1-1/2</b> bspt x <b>2</b> nptf
<b>10019</b>	<b>2</b> bspt x <b>1</b> nptf
<b>10014</b>	<b>2</b> bspt x <b>1-1/2</b> nptf
<b>10007</b>	<b>2</b> bspt x <b>2</b> nptf
<b>10026</b>	<b>2-1/2</b> bspt x <b>2</b> nptf
<b>10010</b>	<b>2-1/2</b> bspt x <b>2-1/2</b> nptf
<b>10025</b>	<b>3</b> bspt x <b>2</b> nptf
<b>10021</b>	<b>3</b> bspt x <b>3</b> nptf
<b>10024</b>	<b>4</b> bspt x <b>4</b> nptf



## BSPT male x JIC male

Code	Description
<b>19300</b>	<b>1/8</b> bspt x <b>7/16</b> jic
<b>19302</b>	<b>1/8</b> bspt x <b>1/2</b> jic
<b>19301</b>	<b>1/8</b> bspt x <b>9/16</b> jic
<b>19303</b>	<b>1/4</b> bspt x <b>7/16</b> jic
<b>19305</b>	<b>1/4</b> bspt x <b>1/2</b> jic
<b>19304</b>	<b>1/4</b> bspt x <b>9/16</b> jic
<b>19317</b>	<b>1/4</b> bspt x <b>3/4</b> jic
<b>19338</b>	<b>1/4</b> bspt x <b>7/8</b> jic
<b>19306</b>	<b>3/8</b> bspt x <b>7/16</b> jic
<b>19318</b>	<b>3/8</b> bspt x <b>1/2</b> jic
<b>19307</b>	<b>3/8</b> bspt x <b>9/16</b> jic
<b>19308</b>	<b>3/8</b> bspt x <b>3/4</b> jic
<b>19319</b>	<b>3/8</b> bspt x <b>7/8</b> jic
<b>19309</b>	<b>1/2</b> bspt x <b>9/16</b> jic
<b>19311</b>	<b>1/2</b> bspt x <b>3/4</b> jic
<b>19310</b>	<b>1/2</b> bspt x <b>7/8</b> jic
<b>19312</b>	<b>1/2</b> bspt x <b>1-1/16</b> jic
<b>19320</b>	<b>3/4</b> bspt x <b>3/4</b> jic
<b>19321</b>	<b>3/4</b> bspt x <b>7/8</b> jic
<b>19313</b>	<b>3/4</b> bspt x <b>1-1/16</b> jic
<b>19314</b>	<b>3/4</b> bspt x <b>1-3/16</b> jic
<b>19322</b>	<b>3/4</b> bspt x <b>1-5/16</b> jic

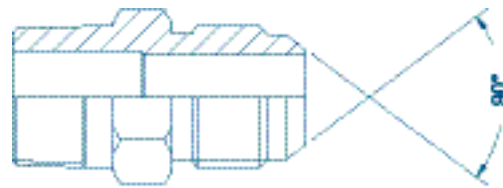
Code	Description
<b>19323</b>	<b>1</b> bspt x <b>3/4</b> jic
<b>19330</b>	<b>1</b> bspt x <b>7/8</b> jic
<b>19315</b>	<b>1</b> bspt x <b>1-1/16</b> jic
<b>19316</b>	<b>1</b> bspt x <b>1-5/16</b> jic
<b>19327</b>	<b>1</b> bspt x <b>1-5/8</b> jic
<b>19329</b>	<b>1-1/4</b> bspt x <b>1-5/16</b> jic
<b>19324</b>	<b>1-1/4</b> bspt x <b>1-5/8</b> jic
<b>19333</b>	<b>1-1/4</b> bspt x <b>1-7/8</b> jic
<b>19328</b>	<b>1-1/2</b> bspt x <b>1-5/8</b> jic
<b>19325</b>	<b>1-1/2</b> bspt x <b>1-7/8</b> jic
<b>19331</b>	<b>2</b> bspt x <b>1-7/8</b> jic
<b>19326</b>	<b>2</b> bspt x <b>2-1/2</b> jic





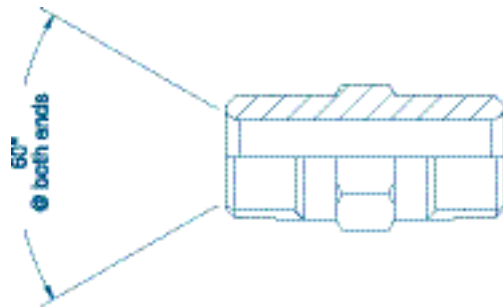
## BSPT male x SAE male 45° external flare

Code	Description
<b>18053</b>	<b>1/8 bspt x 5/8 sae</b>
<b>18050</b>	<b>1/4 bspt x 5/8 sae</b>
<b>18051</b>	<b>3/8 bspt x 5/8 sae</b>
<b>18052</b>	<b>1/2 bspt x 5/8 sae</b>



## NPTF male x NPTF male

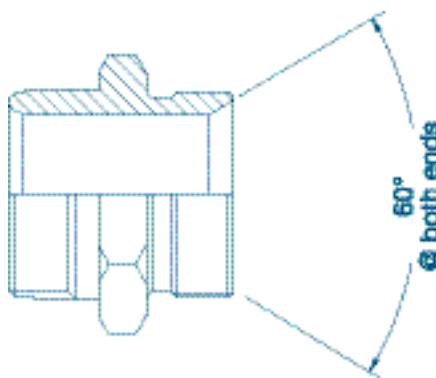
Code	Description
<b>00675</b>	<b>1/8 nptf x 1/8 nptf</b>
<b>00676</b>	<b>1/8 nptf x 1/4 nptf</b>
<b>00700</b>	<b>1/8 nptf x 3/8 nptf</b>
<b>00704</b>	<b>1/8 nptf x 1/2 nptf</b>
<b>00677</b>	<b>1/4 nptf x 1/4 nptf</b>
<b>00678</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>00681</b>	<b>1/4 nptf x 1/2 nptf</b>
<b>00684</b>	<b>1/4 nptf x 3/4 nptf</b>
<b>00699</b>	<b>1/4 nptf x 1 nptf</b>
<b>00679</b>	<b>3/8 nptf x 3/8 nptf</b>
<b>00680</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>00685</b>	<b>3/8 nptf x 3/4 nptf</b>
<b>00708</b>	<b>3/8 nptf x 1 nptf</b>
<b>00682</b>	<b>1/2 nptf x 1/2 nptf</b>
<b>00686</b>	<b>1/2 nptf x 3/4 nptf</b>
<b>00690</b>	<b>1/2 nptf x 1 nptf</b>
<b>00705</b>	<b>1/2 nptf x 1-1/4 nptf</b>
<b>00702</b>	<b>1/2 nptf x 1-1/2 nptf</b>
<b>00688</b>	<b>3/4 nptf x 3/4 nptf</b>
<b>00691</b>	<b>3/4 nptf x 1 nptf</b>
<b>00689</b>	<b>3/4 nptf x 1-1/4 nptf</b>
<b>00695</b>	<b>3/4 nptf x 1-1/2 nptf</b>
<b>00692</b>	<b>1 nptf x 1 nptf</b>
<b>00693</b>	<b>1 nptf x 1-1/4 nptf</b>
<b>00701</b>	<b>1 nptf x 1-1/2 nptf</b>
<b>00712</b>	<b>1 nptf x 2 nptf</b>
<b>00694</b>	<b>1-1/4 nptf x 1-1/4 nptf</b>
<b>00696</b>	<b>1-1/4 nptf x 1-1/2 nptf</b>
<b>00706</b>	<b>1-1/4 nptf x 2 nptf</b>
<b>00697</b>	<b>1-1/2 nptf x 1-1/2 nptf</b>
<b>00703</b>	<b>1-1/2 nptf x 2 nptf</b>
<b>00714</b>	<b>1-1/2 nptf x 3 nptf</b>
<b>00698</b>	<b>2 nptf x 2 nptf</b>
<b>00717</b>	<b>2 nptf x 2-1/2 nptf</b>
<b>00711</b>	<b>2 nptf x 3 nptf</b>
<b>00707</b>	<b>2-1/2 nptf x 2-1/2 nptf</b>
<b>00713</b>	<b>2-1/2 nptf x 3 nptf</b>
<b>00709</b>	<b>3 nptf x 3 nptf</b>
<b>00710</b>	<b>4 nptf x 4 nptf</b>



## NPTF male x BSP male

Code	Description
<b>00600</b>	<b>1/8 nptf x 1/8 bsp</b>
<b>00601</b>	<b>1/8 nptf x 1/4 bsp</b>
<b>00602</b>	<b>1/8 nptf x 3/8 bsp</b>
<b>00603</b>	<b>1/8 nptf x 1/2 bsp</b>
<b>00604</b>	<b>1/4 nptf x 1/8 bsp</b>
<b>00605</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>00606</b>	<b>1/4 nptf x 3/8 bsp</b>
<b>00607</b>	<b>1/4 nptf x 1/2 bsp</b>
<b>00608</b>	<b>1/4 nptf x 3/4 bsp</b>
<b>00650</b>	<b>1/4 nptf x 1 bsp</b>
<b>00609</b>	<b>3/8 nptf x 1/8 bsp</b>
<b>00610</b>	<b>3/8 nptf x 1/4 bsp</b>
<b>00611</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>00612</b>	<b>3/8 nptf x 1/2 bsp</b>
<b>00613</b>	<b>3/8 nptf x 5/8 bsp</b>
<b>00614</b>	<b>3/8 nptf x 3/4 bsp</b>
<b>00660</b>	<b>3/8 nptf x 1 bsp</b>
<b>00656</b>	<b>1/2 nptf x 1/8 bsp</b>
<b>00615</b>	<b>1/2 nptf x 1/4 bsp</b>
<b>00616</b>	<b>1/2 nptf x 3/8 bsp</b>
<b>00617</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>00618</b>	<b>1/2 nptf x 5/8 bsp</b>
<b>00619</b>	<b>1/2 nptf x 3/4 bsp</b>
<b>00620</b>	<b>1/2 nptf x 1 bsp</b>
<b>00621</b>	<b>3/4 nptf x 1/4 bsp</b>
<b>00622</b>	<b>3/4 nptf x 3/8 bsp</b>
<b>00623</b>	<b>3/4 nptf x 1/2 bsp</b>
<b>00624</b>	<b>3/4 nptf x 5/8 bsp</b>
<b>00625</b>	<b>3/4 nptf x 3/4 bsp</b>
<b>00626</b>	<b>3/4 nptf x 1 bsp</b>
<b>00627</b>	<b>3/4 nptf x 1-1/4 bsp</b>
<b>00647</b>	<b>3/4 nptf x 1-1/2 bsp</b>
<b>00628</b>	<b>1 nptf x 1/4 bsp</b>
<b>00649</b>	<b>1 nptf x 3/8 bsp</b>
<b>00629</b>	<b>1 nptf x 1/2 bsp</b>
<b>00630</b>	<b>1 nptf x 3/4 bsp</b>
<b>00631</b>	<b>1 nptf x 1 bsp</b>
<b>00632</b>	<b>1 nptf x 1-1/4 bsp</b>
<b>00633</b>	<b>1 nptf x 1-1/2 bsp</b>
<b>00634</b>	<b>1 nptf x 2 bsp</b>
<b>00635</b>	<b>1-1/4 nptf x 3/4 bsp</b>
<b>00636</b>	<b>1-1/4 nptf x 1 bsp</b>
<b>00637</b>	<b>1-1/4 nptf x 1-1/4 bsp</b>
<b>00638</b>	<b>1-1/4 nptf x 1-1/2 bsp</b>
<b>00639</b>	<b>1-1/4 nptf x 2 bsp</b>
<b>00674</b>	<b>1-1/2 nptf x 3/4 bsp</b>
<b>00640</b>	<b>1-1/2 nptf x 1 bsp</b>
<b>00648</b>	<b>1-1/2 nptf x 1-1/4 bsp</b>
<b>00641</b>	<b>1-1/2 nptf x 1-1/2 bsp</b>
<b>00642</b>	<b>1-1/2 nptf x 2 bsp</b>

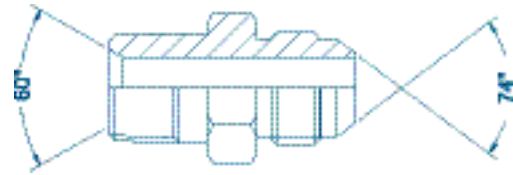
Code	Description
<b>00673</b>	<b>2 nptf x 3/4 bsp</b>
<b>00643</b>	<b>2 nptf x 1 bsp</b>
<b>00653</b>	<b>2 nptf x 1-1/4 bsp</b>
<b>00644</b>	<b>2 nptf x 1-1/2 bsp</b>
<b>00645</b>	<b>2 nptf x 2 bsp</b>
<b>00646</b>	<b>2 nptf x 2-1/2 bsp</b>
<b>00670</b>	<b>2 nptf x 3 bsp</b>
<b>00657</b>	<b>2-1/2 nptf x 2 bsp</b>
<b>00654</b>	<b>2-1/2 nptf x 2-1/2 bsp</b>
<b>00671</b>	<b>2-1/2 nptf x 3 bsp</b>
<b>00658</b>	<b>3 nptf x 2 bsp</b>
<b>00659</b>	<b>3 nptf x 2-1/2 bsp</b>
<b>00655</b>	<b>3 nptf x 3 bsp</b>
<b>00672</b>	<b>4 nptf x 4 bsp</b>



## NPTF male x JIC male

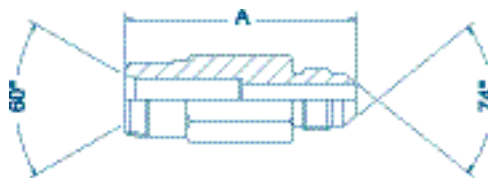
Code	Description
<b>00772</b>	<b>1/8 nptf x 3/8 jic</b>
<b>00720</b>	<b>1/8 nptf x 7/16 jic</b>
<b>00721</b>	<b>1/8 nptf x 1/2 jic</b>
<b>00722</b>	<b>1/8 nptf x 9/16 jic</b>
<b>00723</b>	<b>1/8 nptf x 3/4 jic</b>
<b>00742</b>	<b>1/4 nptf x 3/8 jic</b>
<b>00724</b>	<b>1/4 nptf x 7/16 jic</b>
<b>00725</b>	<b>1/4 nptf x 1/2 jic</b>
<b>00726</b>	<b>1/4 nptf x 9/16 jic</b>
<b>00727</b>	<b>1/4 nptf x 3/4 jic</b>
<b>00728</b>	<b>1/4 nptf x 7/8 jic</b>
<b>00743</b>	<b>1/4 nptf x 1-1/16 jic</b>
<b>00744</b>	<b>1/4 nptf x 1-5/16 jic</b>
<b>00729</b>	<b>3/8 nptf x 7/16 jic</b>
<b>00730</b>	<b>3/8 nptf x 1/2 jic</b>
<b>00731</b>	<b>3/8 nptf x 9/16 jic</b>
<b>00732</b>	<b>3/8 nptf x 3/4 jic</b>
<b>00733</b>	<b>3/8 nptf x 7/8 jic</b>
<b>00734</b>	<b>3/8 nptf x 1-1/16 jic</b>
<b>00775</b>	<b>3/8 nptf x 1-5/16 jic</b>
<b>00735</b>	<b>1/2 nptf x 7/16 jic</b>
<b>00736</b>	<b>1/2 nptf x 1/2 jic</b>
<b>00737</b>	<b>1/2 nptf x 9/16 jic</b>
<b>00738</b>	<b>1/2 nptf x 3/4 jic</b>
<b>00739</b>	<b>1/2 nptf x 7/8 jic</b>
<b>00740</b>	<b>1/2 nptf x 1-1/16 jic</b>
<b>00741</b>	<b>1/2 nptf x 1-5/16 jic</b>
<b>00745</b>	<b>3/4 nptf x 7/16 jic</b>
<b>00746</b>	<b>3/4 nptf x 9/16 jic</b>
<b>00747</b>	<b>3/4 nptf x 3/4 jic</b>
<b>00748</b>	<b>3/4 nptf x 7/8 jic</b>
<b>00749</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>00750</b>	<b>3/4 nptf x 1-5/16 jic</b>
<b>00771</b>	<b>3/4 nptf x 1-5/8 jic</b>
<b>00767</b>	<b>1 nptf x 3/4 jic</b>
<b>00768</b>	<b>1 nptf x 7/8 jic</b>
<b>00751</b>	<b>1 nptf x 1-1/16 jic</b>
<b>00752</b>	<b>1 nptf x 1-5/16 jic</b>
<b>00753</b>	<b>1 nptf x 1-5/8 jic</b>
<b>00754</b>	<b>1 nptf x 1-7/8 jic</b>
<b>00756</b>	<b>1-1/4 nptf x 1-1/16 jic</b>
<b>00757</b>	<b>1-1/4 nptf x 1-5/16 jic</b>
<b>00758</b>	<b>1-1/4 nptf x 1-5/8 jic</b>
<b>00759</b>	<b>1-1/4 nptf x 1-7/8 jic</b>
<b>00760</b>	<b>1-1/4 nptf x 2-1/2 jic</b>
<b>00761</b>	<b>1-1/2 nptf x 1-1/16 jic</b>
<b>00762</b>	<b>1-1/2 nptf x 1-5/16 jic</b>
<b>00763</b>	<b>1-1/2 nptf x 1-5/8 jic</b>
<b>00764</b>	<b>1-1/2 nptf x 1-7/8 jic</b>
<b>00765</b>	<b>1-1/2 nptf x 2-1/2 jic</b>

Code	Description
<b>00770</b>	<b>2 nptf x 1-5/8 jic</b>
<b>00769</b>	<b>2 nptf x 1-7/8 jic</b>
<b>00766</b>	<b>2 nptf x 2-1/2 jic</b>
<b>00755</b>	<b>2-1/2 nptf x 3 jic</b>



## NPTF male x JIC male extended

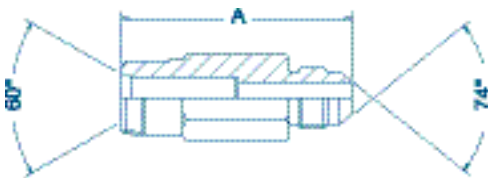
Code	Description	A
<b>10720</b>	<b>1/8 nptf x 7/16 jic</b>	1.812"
<b>10726</b>	<b>1/4 nptf x 9/16 jic</b>	2.246"
<b>10731</b>	<b>3/8 nptf x 9/16 jic</b>	2.482"
<b>10732</b>	<b>3/8 nptf x 3/4 jic</b>	2.758"
<b>10740</b>	<b>1/2 nptf x 1-1/16 jic</b>	3.270"
<b>10752</b>	<b>1 nptf x 1-5/16 jic</b>	4.018"



## NPTF male x JIC male extended

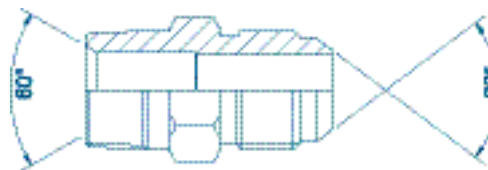
Code	Description	A
<b>20720</b>	<b>1/8 nptf x 7/16 jic</b>	2.561"
<b>20732</b>	<b>3/8 nptf x 3/4 jic</b>	4.018"

Due to lack of demand, it is no longer economical for us to supply these items and once sold will no longer be available.



## NPTF male x SAE male 45° external flare

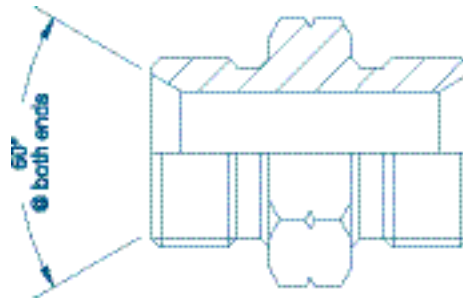
Code	Description
<b>01050</b>	<b>1/8 nptf x 7/16 sae</b>
<b>01051</b>	<b>1/8 nptf x 1/2 sae</b>
<b>01052</b>	<b>1/4 nptf x 7/16 sae</b>
<b>01053</b>	<b>1/4 nptf x 1/2 sae</b>
<b>01054</b>	<b>1/4 nptf x 5/8 sae</b>
<b>01055</b>	<b>1/4 nptf x 3/4 sae</b>
<b>01056</b>	<b>3/8 nptf x 7/16 sae</b>
<b>01058</b>	<b>3/8 nptf x 5/8 sae</b>
<b>01057</b>	<b>3/8 nptf x 3/4 sae</b>
<b>01059</b>	<b>3/8 nptf x 7/8 sae</b>
<b>01060</b>	<b>1/2 nptf x 5/8 sae</b>
<b>01061</b>	<b>1/2 nptf x 3/4 sae</b>
<b>01062</b>	<b>1/2 nptf x 7/8 sae</b>
<b>01063</b>	<b>1/2 nptf x 1-1/16 sae</b>
<b>01065</b>	<b>3/4 nptf x 3/4 sae</b>
<b>01066</b>	<b>3/4 nptf x 7/8 sae</b>
<b>01067</b>	<b>3/4 nptf x 1-1/16 sae</b>



## METRIC male x METRIC male 1.5mm pitch

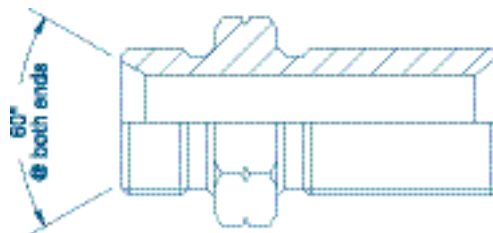
Code	Description
<b>00425</b>	<b>10mm x 10mm</b>
<b>00426</b>	<b>10mm x 12mm</b>
<b>00427</b>	<b>10mm x 14mm</b>
<b>00428</b>	<b>10mm x 16mm</b>
<b>00429</b>	<b>12mm x 12mm</b>
<b>00430</b>	<b>12mm x 14mm</b>
<b>00431</b>	<b>12mm x 16mm</b>
<b>00465</b>	<b>12mm x 18mm</b>
<b>00432</b>	<b>14mm x 14mm</b>
<b>00433</b>	<b>14mm x 16mm</b>
<b>00434</b>	<b>14mm x 18mm</b>
<b>00435</b>	<b>14mm x 20mm</b>
<b>00463</b>	<b>14mm x 22mm</b>
<b>00437</b>	<b>16mm x 16mm</b>
<b>00438</b>	<b>16mm x 18mm</b>
<b>00439</b>	<b>16mm x 20mm</b>
<b>00440</b>	<b>16mm x 22mm</b>
<b>00472</b>	<b>16mm x 24mm</b>
<b>00441</b>	<b>16mm x 26mm</b>
<b>00442</b>	<b>18mm x 18mm</b>
<b>00443</b>	<b>18mm x 20mm</b>
<b>00444</b>	<b>18mm x 22mm</b>
<b>00466</b>	<b>18mm x 24mm</b>
<b>00445</b>	<b>18mm x 26mm</b>
<b>00446</b>	<b>18mm x 30mm</b>
<b>00447</b>	<b>20mm x 20mm</b>
<b>00448</b>	<b>20mm x 22mm</b>
<b>00467</b>	<b>20mm x 24mm</b>
<b>00468</b>	<b>20mm x 26mm</b>
<b>00450</b>	<b>22mm x 22mm</b>
<b>00451</b>	<b>22mm x 24mm</b>
<b>00452</b>	<b>22mm x 26mm</b>
<b>00453</b>	<b>22mm x 30mm</b>
<b>00454</b>	<b>24mm x 24mm</b>
<b>00469</b>	<b>24mm x 26mm</b>

Code	Description
<b>00455</b>	<b>26mm x 26mm</b>
<b>00457</b>	<b>30mm x 30mm</b>
<b>00464</b>	<b>30mm x 38mm</b>
<b>00458</b>	<b>38mm x 38mm</b>



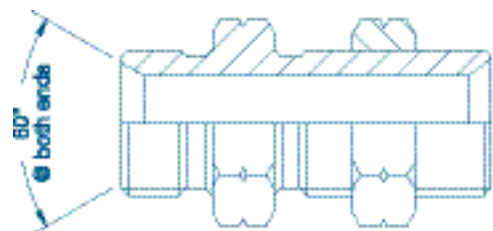
## METRIC male x METRIC male 1.5mm pitch bulkhead LESS LOCKNUT

Code	Description
<b>00160</b>	<b>12 mm</b>
<b>00161</b>	<b>14 mm</b>
<b>00162</b>	<b>16 mm</b>
<b>00163</b>	<b>18 mm</b>
<b>00164</b>	<b>20 mm</b>
<b>00165</b>	<b>22 mm</b>
<b>00166</b>	<b>24 mm</b>



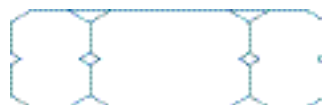
## METRIC male x METRIC male 1.5mm pitch bulkhead WITH LOCKNUT

Code	Description
<b>09550</b>	<b>12 mm</b>
<b>09551</b>	<b>14 mm</b>
<b>09552</b>	<b>16 mm</b>
<b>09553</b>	<b>18 mm</b>
<b>09554</b>	<b>20 mm</b>
<b>09555</b>	<b>22 mm</b>
<b>09556</b>	<b>24 mm</b>



## METRIC LOCKNUT by 1.5mm pitch

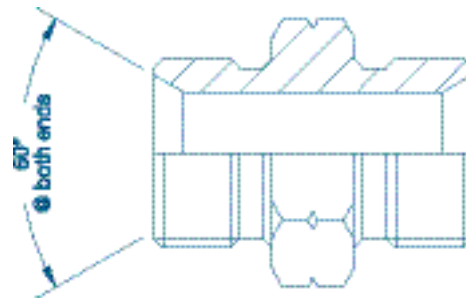
Code	Description
<b>00290</b>	<b>12 mm</b>
<b>00291</b>	<b>14 mm</b>
<b>00292</b>	<b>16 mm</b>
<b>00293</b>	<b>18 mm</b>
<b>00294</b>	<b>20 mm</b>
<b>00295</b>	<b>22 mm</b>
<b>00296</b>	<b>24 mm</b>



## METRIC male 1.5mm pitch x BSP male

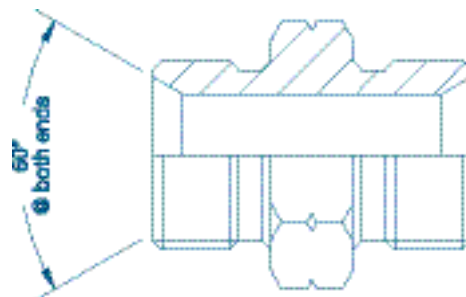
Code	Description
<b>00558</b>	<b>10mm x 1/8 bsp</b>
<b>00500</b>	<b>10mm x 1/4 bsp</b>
<b>00546</b>	<b>10mm x 3/8 bsp</b>
<b>00501</b>	<b>12mm x 1/8 bsp</b>
<b>00502</b>	<b>12mm x 1/4 bsp</b>
<b>00503</b>	<b>12mm x 3/8 bsp</b>
<b>00504</b>	<b>12mm x 1/2 bsp</b>
<b>00505</b>	<b>14mm x 1/8 bsp</b>
<b>00506</b>	<b>14mm x 1/4 bsp</b>
<b>00507</b>	<b>14mm x 3/8 bsp</b>
<b>00508</b>	<b>14mm x 1/2 bsp</b>
<b>00549</b>	<b>14mm x 5/8 bsp</b>
<b>00560</b>	<b>16mm x 1/8 bsp</b>
<b>00509</b>	<b>16mm x 1/4 bsp</b>
<b>00510</b>	<b>16mm x 3/8 bsp</b>
<b>00511</b>	<b>16mm x 1/2 bsp</b>
<b>00512</b>	<b>16mm x 5/8 bsp</b>
<b>00513</b>	<b>16mm x 3/4 bsp</b>
<b>00514</b>	<b>18mm x 1/4 bsp</b>
<b>00515</b>	<b>18mm x 3/8 bsp</b>
<b>00516</b>	<b>18mm x 1/2 bsp</b>
<b>00517</b>	<b>18mm x 5/8 bsp</b>
<b>00518</b>	<b>18mm x 3/4 bsp</b>
<b>00519</b>	<b>18mm x 1 bsp</b>
<b>00520</b>	<b>20mm x 1/4 bsp</b>
<b>00521</b>	<b>20mm x 3/8 bsp</b>
<b>00522</b>	<b>20mm x 1/2 bsp</b>
<b>00523</b>	<b>20mm x 3/4 bsp</b>
<b>00524</b>	<b>22mm x 1/4 bsp</b>
<b>00525</b>	<b>22mm x 3/8 bsp</b>
<b>00526</b>	<b>22mm x 1/2 bsp</b>
<b>00527</b>	<b>22mm x 5/8 bsp</b>
<b>00528</b>	<b>22mm x 3/4 bsp</b>
<b>00529</b>	<b>22mm x 1 bsp</b>
<b>00552</b>	<b>22mm x 1-1/2 bsp</b>

Code	Description
<b>00551</b>	<b>24mm x 1/4 bsp</b>
<b>00550</b>	<b>24mm x 3/8 bsp</b>
<b>00530</b>	<b>24mm x 1/2 bsp</b>
<b>00531</b>	<b>24mm x 3/4 bsp</b>
<b>00554</b>	<b>26mm x 3/8 bsp</b>
<b>00532</b>	<b>26mm x 1/2 bsp</b>
<b>00544</b>	<b>26mm x 5/8 bsp</b>
<b>00533</b>	<b>26mm x 3/4 bsp</b>
<b>00534</b>	<b>26mm x 1 bsp</b>
<b>00538</b>	<b>26mm x 1-1/4 bsp</b>
<b>00545</b>	<b>28mm x 1 bsp</b>
<b>00559</b>	<b>30mm x 3/8 bsp</b>
<b>00535</b>	<b>30mm x 3/4 bsp</b>
<b>00536</b>	<b>30mm x 1 bsp</b>
<b>00537</b>	<b>30mm x 1-1/4 bsp</b>
<b>00547</b>	<b>36mm x 1 bsp</b>
<b>00548</b>	<b>38mm x 1 bsp</b>
<b>00539</b>	<b>38mm x 1-1/4 bsp</b>
<b>00540</b>	<b>38mm x 1-1/2 bsp</b>
<b>00541</b>	<b>45mm x 1-1/2 bsp</b>
<b>00542</b>	<b>45mm x 2 bsp</b>
<b>00543</b>	<b>52mm x 2 bsp</b>



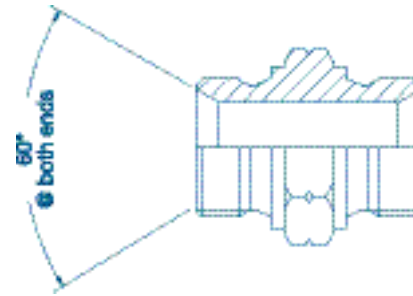
## METRIC male 1mm pitch x BSP male

Code	Description
<b>10542</b>	<b>8 mm x 1/8 bsp</b>
<b>10544</b>	<b>10 mm x 1/8 bsp</b>
<b>10545</b>	<b>10 mm x 1/4 bsp</b>
<b>10548</b>	<b>10 mm x 3/8 bsp</b>
<b>10543</b>	<b>12 mm x 1/8 bsp</b>
<b>10546</b>	<b>12 mm x 1/4 bsp</b>
<b>10541</b>	<b>14 mm x 1/4 bsp</b>



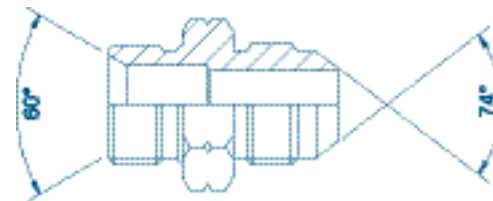
## METRIC male 1.5mm pitch x BSP male to DIN 3852 FORM A

Code	Description
<b>60500</b>	<b>22mm x 1/2 bsp</b>



## METRIC male 1.5mm pitch x JIC male

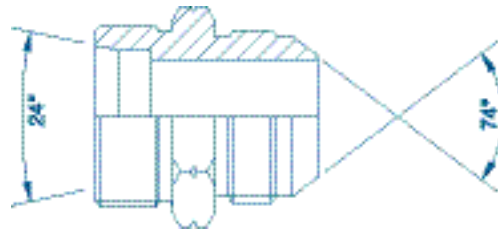
Code	Description
<b>01265</b>	<b>10mm x 7/16 jic</b>
<b>01274</b>	<b>12mm x 7/16 jic</b>
<b>01284</b>	<b>12mm x 9/16 jic</b>
<b>01286</b>	<b>12mm x 3/4 jic</b>
<b>01268</b>	<b>14mm x 3/8 jic</b>
<b>01291</b>	<b>14mm x 7/16 jic</b>
<b>01287</b>	<b>14mm x 9/16 jic</b>
<b>01288</b>	<b>14mm x 3/4 jic</b>
<b>01272</b>	<b>14mm x 7/8 jic</b>
<b>01295</b>	<b>16mm x 7/16 jic</b>
<b>01280</b>	<b>16mm x 9/16 jic</b>
<b>01275</b>	<b>16mm x 3/4 jic</b>
<b>01289</b>	<b>16mm x 7/8 jic</b>
<b>01296</b>	<b>16mm x 1-1/16 jic</b>
<b>01299</b>	<b>18mm x 7/16 jic</b>
<b>01276</b>	<b>18mm x 9/16 jic</b>
<b>01281</b>	<b>18mm x 3/4 jic</b>
<b>01283</b>	<b>18mm x 7/8 jic</b>
<b>01298</b>	<b>18mm x 1-1/16 jic</b>
<b>01282</b>	<b>20mm x 9/16 jic</b>
<b>01277</b>	<b>20mm x 3/4 jic</b>
<b>01290</b>	<b>20mm x 7/8 jic</b>
<b>01270</b>	<b>20mm x 1-1/16 jic</b>
<b>01285</b>	<b>22mm x 9/16 jic</b>
<b>01278</b>	<b>22mm x 3/4 jic</b>
<b>01279</b>	<b>22mm x 7/8 jic</b>
<b>01294</b>	<b>22mm x 1-1/16 jic</b>
<b>01293</b>	<b>24mm x 3/4 jic</b>
<b>01267</b>	<b>24mm x 1-1/16 jic</b>
<b>01297</b>	<b>26mm x 7/8 jic</b>
<b>01292</b>	<b>26mm x 1-1/16 jic</b>





## METRIC male 1.5mm pitch 24° cone Tube Fitting x JIC male

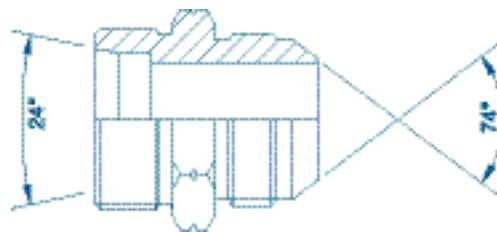
Code	Description
<b>41274-6</b>	<b>12mm x 7/16 jic</b>
<b>41291-6</b>	<b>14mm x 7/16 jic</b>
<b>41291-8</b>	<b>14mm x 7/16 jic</b>
<b>41287-8</b>	<b>14mm x 9/16 jic</b>
<b>41295-8</b>	<b>16mm x 7/16 jic</b>
<b>41295-10</b>	<b>16mm x 7/16 jic</b>
<b>41280-8</b>	<b>16mm x 9/16 jic</b>
<b>41280-10</b>	<b>16mm x 9/16 jic</b>
<b>41275-10</b>	<b>16mm x 3/4 jic</b>
<b>41276-10</b>	<b>18mm x 9/16 jic</b>
<b>41276-12</b>	<b>18mm x 9/16 jic</b>
<b>41281-10</b>	<b>18mm x 3/4 jic</b>
<b>41281-12</b>	<b>18mm x 3/4 jic</b>
<b>41282-12</b>	<b>20mm x 9/16 jic</b>
<b>41263-12</b>	<b>20mm x 3/4 jic</b>
<b>41290-12</b>	<b>20mm x 7/8 jic</b>
<b>41278-14</b>	<b>22mm x 3/4 jic</b>
<b>41278-15</b>	<b>22mm x 3/4 jic</b>
<b>41279-15</b>	<b>22mm x 7/8 jic</b>
<b>41294-15</b>	<b>22mm x 1-1/16 jic</b>
<b>41271-16</b>	<b>24mm x 7/8 jic</b>
<b>41272-18</b>	<b>24mm x 1-1/16 jic</b>
<b>41292-18</b>	<b>26mm x 1-1/16 jic</b>
<b>41270-20</b>	<b>30mm x 1-1/16 jic</b>
<b>41270-22</b>	<b>30mm x 1-1/16 jic</b>
<b>41262-28</b>	<b>36mm x 1-1/16 jic</b>
<b>41296-35</b>	<b>45mm x 1-5/16 jic</b>



example: **41296** (fitting), **-35** (metric tube size).

## METRIC male 2mm pitch 24° cone Tube Fitting x JIC male

Code	Description
<b>41270/2-20</b>	<b>30mm x 1-1/16 jic</b>
<b>41270/2-22</b>	<b>30mm x 1-1/16 jic</b>
<b>41262/2-25</b>	<b>36mm x 1-1/16 jic</b>
<b>41262/2-28</b>	<b>36mm x 1-1/16 jic</b>
<b>41269/2-28</b>	<b>36mm x 1-5/16 jic</b>
<b>41265/2-30</b>	<b>42mm x 1-5/16 jic</b>
<b>41267/2-30</b>	<b>42mm x 1-5/8 jic</b>
<b>41296/2-35</b>	<b>45mm x 1-5/16 jic</b>
<b>41266/2-35</b>	<b>45mm x 1-5/8 jic</b>
<b>41268/2-38</b>	<b>52mm x 1-5/8 jic</b>
<b>41260/2-42</b>	<b>52mm x 1-7/8 jic</b>



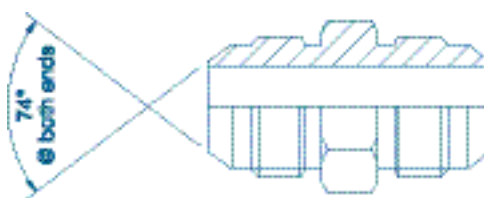
example: **41260** (product), **/2** (thread pitch),

**-42** (metric tube size).

## JIC male x JIC male

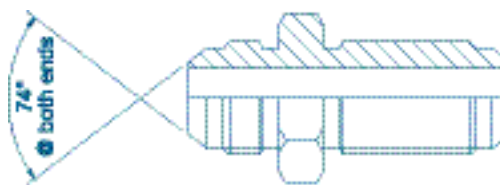
Code	Description
<b>01200</b>	<b>5/16 jic x 5/16 jic</b>
<b>01201</b>	<b>5/16 jic x 7/16 jic</b>
<b>01239</b>	<b>3/8 jic x 3/8 jic</b>
<b>01241</b>	<b>3/8 jic x 7/16 jic</b>
<b>01202</b>	<b>7/16 jic x 7/16 jic</b>
<b>01205</b>	<b>7/16 jic x 1/2 jic</b>
<b>01203</b>	<b>7/16 jic x 9/16 jic</b>
<b>01213</b>	<b>7/16 jic x 3/4 jic</b>
<b>01204</b>	<b>7/16 jic x 7/8 jic</b>
<b>01206</b>	<b>1/2 jic x 1/2 jic</b>
<b>01209</b>	<b>1/2 jic x 9/16 jic</b>
<b>01207</b>	<b>1/2 jic x 3/4 jic</b>
<b>01233</b>	<b>1/2 jic x 7/8 jic</b>
<b>01208</b>	<b>1/2 jic x 1-1/16 jic</b>
<b>01210</b>	<b>9/16 jic x 9/16 jic</b>
<b>01214</b>	<b>9/16 jic x 3/4 jic</b>
<b>01211</b>	<b>9/16 jic x 7/8 jic</b>
<b>01212</b>	<b>9/16 jic x 1-1/16 jic</b>
<b>01237</b>	<b>9/16 jic x 1-3/16 jic</b>
<b>01215</b>	<b>3/4 jic x 3/4 jic</b>
<b>01216</b>	<b>3/4 jic x 7/8 jic</b>
<b>01217</b>	<b>3/4 jic x 1-1/16 jic</b>
<b>01236</b>	<b>3/4 jic x 1-5/16 jic</b>
<b>01243</b>	<b>3/4 jic x 1-5/8 jic</b>
<b>01218</b>	<b>7/8 jic x 7/8 jic</b>
<b>01219</b>	<b>7/8 jic x 1-1/16 jic</b>
<b>01220</b>	<b>7/8 jic x 1-3/16 jic</b>
<b>01221</b>	<b>7/8 jic x 1-5/16 jic</b>

Code	Description
<b>01222</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>01223</b>	<b>1-1/16 jic x 1-3/16 jic</b>
<b>01224</b>	<b>1-1/16 jic x 1-5/16 jic</b>
<b>01240</b>	<b>1-1/16 jic x 1-5/8 jic</b>
<b>01238</b>	<b>1-1/16 jic x 1-7/8 jic</b>
<b>01225</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>01226</b>	<b>1-3/16 jic x 1-5/16 jic</b>
<b>01227</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>01228</b>	<b>1-5/16 jic x 1-5/8 jic</b>
<b>01235</b>	<b>1-5/16 jic x 1-7/8 jic</b>
<b>01246</b>	<b>1-5/16 jic x 2-1/2 jic</b>
<b>01229</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>01230</b>	<b>1-5/8 jic x 1-7/8 jic</b>
<b>01231</b>	<b>1-7/8 jic x 1-7/8 jic</b>
<b>01247</b>	<b>1-7/8 jic x 2-1/2 jic</b>
<b>01232</b>	<b>2-1/2 jic x 2-1/2 jic</b>



## JIC male x JIC male bulkhead LESS LOCKNUT

Code	Description
<b>00192</b>	<b>3/8 jic</b>
<b>00180</b>	<b>7/16 jic</b>
<b>00181</b>	<b>1/2 jic</b>
<b>00182</b>	<b>9/16 jic</b>
<b>00183</b>	<b>3/4 jic</b>
<b>00184</b>	<b>7/8 jic</b>
<b>00185</b>	<b>1-1/16 jic</b>
<b>00186</b>	<b>1-3/16 jic</b>
<b>00187</b>	<b>1-5/16 jic</b>
<b>00188</b>	<b>1-5/8 jic</b>
<b>00189</b>	<b>1-7/8 jic</b>
<b>00193</b>	<b>2-1/2 jic</b>



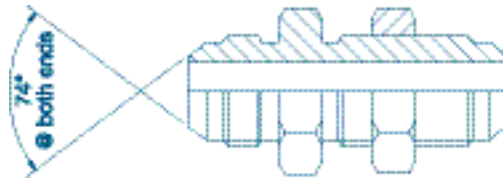
## JIC LOCKNUT

Code	Description
<b>00286</b>	<b>3/8 jic</b>
<b>00275</b>	<b>7/16 jic</b>
<b>00276</b>	<b>1/2 jic</b>
<b>00277</b>	<b>9/16 jic</b>
<b>00278</b>	<b>3/4 jic</b>
<b>00279</b>	<b>7/8 jic</b>
<b>00280</b>	<b>1-1/16 jic</b>
<b>00284</b>	<b>1-3/16 jic</b>
<b>00281</b>	<b>1-5/16 jic</b>
<b>00282</b>	<b>1-5/8 jic</b>
<b>00283</b>	<b>1-7/8 jic</b>
<b>00287</b>	<b>2-1/2 jic</b>



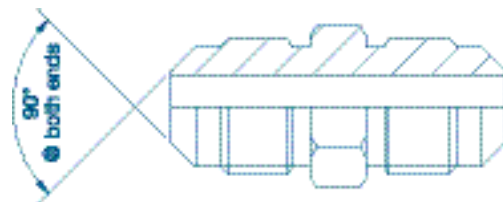
## JIC male x JIC male bulkhead WITH LOCKNUT

Code	Description
<b>00236</b>	<b>3/8 jic</b>
<b>00225</b>	<b>7/16 jic</b>
<b>00226</b>	<b>1/2 jic</b>
<b>00227</b>	<b>9/16 jic</b>
<b>00228</b>	<b>3/4 jic</b>
<b>00229</b>	<b>7/8 jic</b>
<b>00230</b>	<b>1-1/16 jic</b>
<b>00234</b>	<b>1-3/16 jic</b>
<b>00231</b>	<b>1-5/16 jic</b>
<b>00232</b>	<b>1-5/8 jic</b>
<b>00233</b>	<b>1-7/8 jic</b>
<b>00235</b>	<b>2-1/2 jic</b>



## SAE male x SAE male 45° external flare

Code	Description
<b>01234</b>	<b>5/8 sae x 5/8 sae</b>



## SAE male x SAE male bulkhead 45° external flare

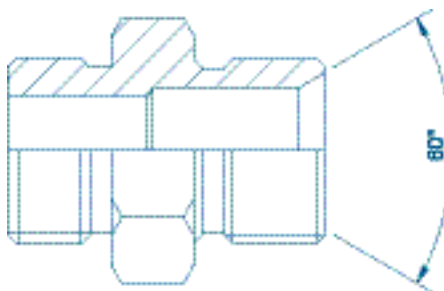
Code	Description
<b>09800</b>	<b>5/8 sae with Locknut</b>
<b>09805</b>	<b>5/8 sae Bulkhead Only</b>
<b>09810</b>	<b>5/8 sae Locknut Only</b>



## SAE O'ring boss male LESS O'RING x BSP male

Code	Description
<b>01329</b>	<b>1/4 sorb x 1/8 bsp</b>
<b>01326</b>	<b>1/4 sorb x 1/4 bsp</b>
<b>01300</b>	<b>3/8 sorb x 1/4 bsp</b>
<b>01323</b>	<b>3/8 sorb x 3/8 bsp</b>
<b>01309</b>	<b>7/16 sorb x 1/8 bsp</b>
<b>01301</b>	<b>7/16 sorb x 1/4 bsp</b>
<b>01303</b>	<b>7/16 sorb x 3/8 bsp</b>
<b>01302</b>	<b>7/16 sorb x 1/2 bsp</b>
<b>01304</b>	<b>1/2 sorb x 1/4 bsp</b>
<b>01305</b>	<b>1/2 sorb x 3/8 bsp</b>
<b>01341</b>	<b>1/2 sorb x 1/2 bsp</b>
<b>01306</b>	<b>9/16 sorb x 1/4 bsp</b>
<b>01307</b>	<b>9/16 sorb x 3/8 bsp</b>
<b>01308</b>	<b>9/16 sorb x 1/2 bsp</b>
<b>01315</b>	<b>5/8 sorb x 1/4 bsp</b>
<b>01316</b>	<b>5/8 sorb x 3/8 bsp</b>
<b>01344</b>	<b>5/8 sorb x 1/2 bsp</b>
<b>01310</b>	<b>3/4 sorb x 1/4 bsp</b>
<b>01311</b>	<b>3/4 sorb x 3/8 bsp</b>
<b>01312</b>	<b>3/4 sorb x 1/2 bsp</b>
<b>01313</b>	<b>3/4 sorb x 5/8 bsp</b>
<b>01314</b>	<b>3/4 sorb x 3/4 bsp</b>
<b>01346</b>	<b>7/8 sorb x 1/4 bsp</b>
<b>01317</b>	<b>7/8 sorb x 3/8 bsp</b>
<b>01318</b>	<b>7/8 sorb x 1/2 bsp</b>
<b>01319</b>	<b>7/8 sorb x 5/8 bsp</b>
<b>01320</b>	<b>7/8 sorb x 3/4 bsp</b>
<b>01335</b>	<b>7/8 sorb x 1 bsp</b>

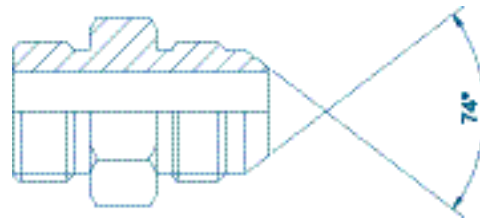
Code	Description
<b>01336</b>	<b>1-1/16 sorb x 1/4 bsp</b>
<b>01321</b>	<b>1-1/16 sorb x 3/8 bsp</b>
<b>01322</b>	<b>1-1/16 sorb x 1/2 bsp</b>
<b>01337</b>	<b>1-1/16 sorb x 5/8 bsp</b>
<b>01324</b>	<b>1-1/16 sorb x 3/4 bsp</b>
<b>01325</b>	<b>1-1/16 sorb x 1 bsp</b>
<b>01348</b>	<b>1-1/16 sorb x 1-1/4 bsp</b>
<b>01345</b>	<b>1-3/16 sorb x 3/4 bsp</b>
<b>01343</b>	<b>1-5/16 sorb x 1/2 bsp</b>
<b>01327</b>	<b>1-5/16 sorb x 3/4 bsp</b>
<b>01328</b>	<b>1-5/16 sorb x 1 bsp</b>
<b>01338</b>	<b>1-5/16 sorb x 1-1/4 bsp</b>
<b>01330</b>	<b>1-5/16 sorb x 1-1/2 bsp</b>
<b>01331</b>	<b>1-5/8 sorb x 3/4 bsp</b>
<b>01332</b>	<b>1-5/8 sorb x 1 bsp</b>
<b>01333</b>	<b>1-5/8 sorb x 1-1/4 bsp</b>
<b>01339</b>	<b>1-5/8 sorb x 1-1/2 bsp</b>
<b>01342</b>	<b>1-7/8 sorb x 1-1/4 bsp</b>
<b>01340</b>	<b>1-7/8 sorb x 1-1/2 bsp</b>



See section 12 for O'rings

## SAE O'ring boss male LESS O'RING x JIC male

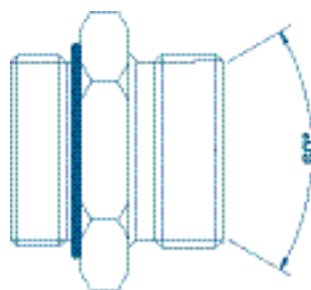
Code	Description
<b>01350</b>	<b>7/16 sorb x 7/16 jic</b>
<b>01353</b>	<b>7/16 sorb x 1/2 jic</b>
<b>01351</b>	<b>7/16 sorb x 9/16 jic</b>
<b>01398</b>	<b>7/16 sorb x 7/8 jic</b>
<b>01392</b>	<b>1/2 sorb x 7/16 jic</b>
<b>01352</b>	<b>1/2 sorb x 1/2 jic</b>
<b>01388</b>	<b>1/2 sorb x 9/16 jic</b>
<b>01399</b>	<b>9/16 sorb x 3/8 jic</b>
<b>01354</b>	<b>9/16 sorb x 7/16 jic</b>
<b>01355</b>	<b>9/16 sorb x 1/2 jic</b>
<b>01356</b>	<b>9/16 sorb x 9/16 jic</b>
<b>01357</b>	<b>9/16 sorb x 3/4 jic</b>
<b>01358</b>	<b>9/16 sorb x 7/8 jic</b>
<b>01359</b>	<b>5/8 sorb x 7/16 jic</b>
<b>01360</b>	<b>5/8 sorb x 9/16 jic</b>
<b>01375</b>	<b>5/8 sorb x 3/4 jic</b>
<b>01389</b>	<b>3/4 sorb x 7/16 jic</b>
<b>01361</b>	<b>3/4 sorb x 9/16 jic</b>
<b>01362</b>	<b>3/4 sorb x 3/4 jic</b>
<b>01363</b>	<b>3/4 sorb x 7/8 jic</b>
<b>01364</b>	<b>3/4 sorb x 1-1/16 jic</b>
<b>01376</b>	<b>7/8 sorb x 7/16 jic</b>
<b>01382</b>	<b>7/8 sorb x 1/2 jic</b>
<b>01386</b>	<b>7/8 sorb x 9/16 jic</b>
<b>01365</b>	<b>7/8 sorb x 3/4 jic</b>
<b>01366</b>	<b>7/8 sorb x 7/8 jic</b>
<b>01367</b>	<b>7/8 sorb x 1-1/16 jic</b>
<b>01395</b>	<b>1-1/16 sorb x 9/16 jic</b>
<b>01368</b>	<b>1-1/16 sorb x 3/4 jic</b>
<b>01370</b>	<b>1-1/16 sorb x 7/8 jic</b>
<b>01371</b>	<b>1-1/16 sorb x 1-1/16 jic</b>
<b>01372</b>	<b>1-1/16 sorb x 1-3/16 jic</b>
<b>01373</b>	<b>1-1/16 sorb x 1-5/16 jic</b>
<b>01374</b>	<b>1-3/16 sorb x 1-1/16 jic</b>
<b>01391</b>	<b>1-3/16 sorb x 1-3/16 jic</b>
<b>01394</b>	<b>1-5/16 sorb x 3/4 jic</b>
<b>01396</b>	<b>1-5/16 sorb x 7/8 jic</b>
<b>01377</b>	<b>1-5/16 sorb x 1-1/16 jic</b>
<b>01378</b>	<b>1-5/16 sorb x 1-5/16 jic</b>
<b>01379</b>	<b>1-5/16 sorb x 1-5/8 jic</b>
<b>01380</b>	<b>1-5/8 sorb x 1-5/16 jic</b>
<b>01381</b>	<b>1-5/8 sorb x 1-5/8 jic</b>
<b>01387</b>	<b>1-5/8 sorb x 1-7/8 jic</b>
<b>01397</b>	<b>1-7/8 sorb x 1-5/16 jic</b>
<b>01383</b>	<b>1-7/8 sorb x 1-5/8 jic</b>
<b>01384</b>	<b>1-7/8 sorb x 1-7/8 jic</b>
<b>01369</b>	<b>1-7/8 sorb x 2-1/2 jic</b>
<b>01385</b>	<b>2-1/2 sorb x 2-1/2 jic</b>



See section 12 for O'rings

## SAE O'ring boss male WITH O'RING x BSP male

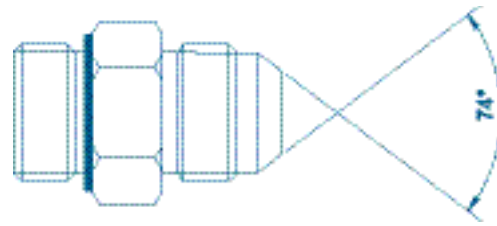
Code	Description
<b>11309</b>	<b>7/16</b> sorb x <b>1/8</b> bsp
<b>11301</b>	<b>7/16</b> sorb x <b>1/4</b> bsp
<b>11303</b>	<b>7/16</b> sorb x <b>3/8</b> bsp
<b>11302</b>	<b>7/16</b> sorb x <b>1/2</b> bsp
<b>11304</b>	<b>1/2</b> sorb x <b>1/4</b> bsp
<b>11305</b>	<b>1/2</b> sorb x <b>3/8</b> bsp
<b>11341</b>	<b>1/2</b> sorb x <b>1/2</b> bsp
<b>11306</b>	<b>9/16</b> sorb x <b>1/4</b> bsp
<b>11307</b>	<b>9/16</b> sorb x <b>3/8</b> bsp
<b>11308</b>	<b>9/16</b> sorb x <b>1/2</b> bsp
<b>11315</b>	<b>5/8</b> sorb x <b>1/4</b> bsp
<b>11316</b>	<b>5/8</b> sorb x <b>3/8</b> bsp
<b>11344</b>	<b>5/8</b> sorb x <b>1/2</b> bsp
<b>11310</b>	<b>3/4</b> sorb x <b>1/4</b> bsp
<b>11311</b>	<b>3/4</b> sorb x <b>3/8</b> bsp
<b>11312</b>	<b>3/4</b> sorb x <b>1/2</b> bsp
<b>11313</b>	<b>3/4</b> sorb x <b>5/8</b> bsp
<b>11314</b>	<b>3/4</b> sorb x <b>3/4</b> bsp
<b>11317</b>	<b>7/8</b> sorb x <b>3/8</b> bsp
<b>11318</b>	<b>7/8</b> sorb x <b>1/2</b> bsp
<b>11319</b>	<b>7/8</b> sorb x <b>5/8</b> bsp
<b>11320</b>	<b>7/8</b> sorb x <b>3/4</b> bsp
<b>11335</b>	<b>7/8</b> sorb x <b>1</b> bsp
<b>11321</b>	<b>1-1/16</b> sorb x <b>3/8</b> bsp
<b>11322</b>	<b>1-1/16</b> sorb x <b>1/2</b> bsp
<b>11337</b>	<b>1-1/16</b> sorb x <b>5/8</b> bsp
<b>11324</b>	<b>1-1/16</b> sorb x <b>3/4</b> bsp
<b>11325</b>	<b>1-1/16</b> sorb x <b>1</b> bsp
<b>11345</b>	<b>1-3/16</b> sorb x <b>3/4</b> bsp
<b>11343</b>	<b>1-5/16</b> sorb x <b>1/2</b> bsp
<b>11327</b>	<b>1-5/16</b> sorb x <b>3/4</b> bsp
<b>11328</b>	<b>1-5/16</b> sorb x <b>1</b> bsp
<b>11338</b>	<b>1-5/16</b> sorb x <b>1-1/4</b> bsp
<b>11330</b>	<b>1-5/16</b> sorb x <b>1-1/2</b> bsp
<b>11331</b>	<b>1-5/8</b> sorb x <b>3/4</b> bsp
<b>11332</b>	<b>1-5/8</b> sorb x <b>1</b> bsp
<b>11333</b>	<b>1-5/8</b> sorb x <b>1-1/4</b> bsp
<b>11339</b>	<b>1-5/8</b> sorb x <b>1-1/2</b> bsp
<b>11342</b>	<b>1-7/8</b> sorb x <b>1-1/4</b> bsp
<b>11340</b>	<b>1-7/8</b> sorb x <b>1-1/2</b> bsp



If item with O'Ring is not listed then please contact us for details. Alternatively, see page 26 and change leading 0 to 1.

## SAE O'ring boss male WITH O'RING x JIC male

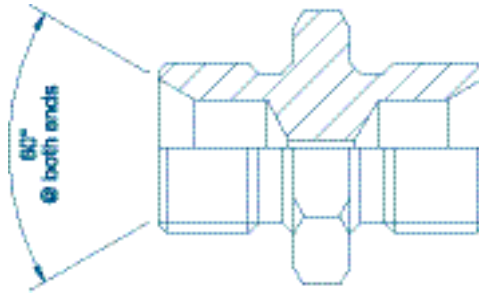
Code	Description
<b>11350</b>	<b>7/16</b> sorb x <b>7/16</b> jic
<b>11353</b>	<b>7/16</b> sorb x <b>1/2</b> jic
<b>11351</b>	<b>7/16</b> sorb x <b>9/16</b> jic
<b>11392</b>	<b>1/2</b> sorb x <b>7/16</b> jic
<b>11352</b>	<b>1/2</b> sorb x <b>1/2</b> jic
<b>11388</b>	<b>1/2</b> sorb x <b>9/16</b> jic
<b>11354</b>	<b>9/16</b> sorb x <b>7/16</b> jic
<b>11355</b>	<b>9/16</b> sorb x <b>1/2</b> jic
<b>11356</b>	<b>9/16</b> sorb x <b>9/16</b> jic
<b>11357</b>	<b>9/16</b> sorb x <b>3/4</b> jic
<b>11358</b>	<b>9/16</b> sorb x <b>7/8</b> jic
<b>11359</b>	<b>5/8</b> sorb x <b>7/16</b> jic
<b>11360</b>	<b>5/8</b> sorb x <b>9/16</b> jic
<b>11375</b>	<b>5/8</b> sorb x <b>3/4</b> jic
<b>11389</b>	<b>3/4</b> sorb x <b>7/16</b> jic
<b>11361</b>	<b>3/4</b> sorb x <b>9/16</b> jic
<b>11362</b>	<b>3/4</b> sorb x <b>3/4</b> jic
<b>11363</b>	<b>3/4</b> sorb x <b>7/8</b> jic
<b>11364</b>	<b>3/4</b> sorb x <b>1-1/16</b> jic
<b>11376</b>	<b>7/8</b> sorb x <b>7/16</b> jic
<b>11382</b>	<b>7/8</b> sorb x <b>1/2</b> jic
<b>11386</b>	<b>7/8</b> sorb x <b>9/16</b> jic
<b>11365</b>	<b>7/8</b> sorb x <b>3/4</b> jic
<b>11366</b>	<b>7/8</b> sorb x <b>7/8</b> jic
<b>11367</b>	<b>7/8</b> sorb x <b>1-1/16</b> jic
<b>11395</b>	<b>1-1/16</b> sorb x <b>9/16</b> jic
<b>11368</b>	<b>1-1/16</b> sorb x <b>3/4</b> jic
<b>11370</b>	<b>1-1/16</b> sorb x <b>7/8</b> jic
<b>11371</b>	<b>1-1/16</b> sorb x <b>1-1/16</b> jic
<b>11372</b>	<b>1-1/16</b> sorb x <b>1-3/16</b> jic
<b>11373</b>	<b>1-1/16</b> sorb x <b>1-5/16</b> jic
<b>11374</b>	<b>1-3/16</b> sorb x <b>1-1/16</b> jic
<b>11391</b>	<b>1-3/16</b> sorb x <b>1-3/16</b> jic
<b>11394</b>	<b>1-5/16</b> sorb x <b>3/4</b> jic
<b>11396</b>	<b>1-5/16</b> sorb x <b>7/8</b> jic
<b>11377</b>	<b>1-5/16</b> sorb x <b>1-1/16</b> jic
<b>11378</b>	<b>1-5/16</b> sorb x <b>1-5/16</b> jic
<b>11379</b>	<b>1-5/16</b> sorb x <b>1-5/8</b> jic
<b>11380</b>	<b>1-5/8</b> sorb x <b>1-5/16</b> jic
<b>11381</b>	<b>1-5/8</b> sorb x <b>1-5/8</b> jic
<b>11387</b>	<b>1-5/8</b> sorb x <b>1-7/8</b> jic
<b>11397</b>	<b>1-7/8</b> sorb x <b>1-5/16</b> jic
<b>11383</b>	<b>1-7/8</b> sorb x <b>1-5/8</b> jic
<b>11384</b>	<b>1-7/8</b> sorb x <b>1-7/8</b> jic
<b>11369</b>	<b>1-7/8</b> sorb x <b>2-1/2</b> jic
<b>11385</b>	<b>2-1/2</b> sorb x <b>2-1/2</b> jic



If item with O'Ring is not listed then please contact us for details. Alternatively, see page 27 and change leading 0 to 1.

## BSP male x BSP male with restrictor

Code	Description
<b>13079-R2.0</b>	<b>1/8 bsp x 1/8 bsp x 2mm</b>
<b>13080-R0.6</b>	<b>1/4 bsp x 1/4 bsp x 0.6mm</b>
<b>13091</b>	<b>1/4 bsp x 1/4 bsp x 1/32</b>
<b>13092</b>	<b>1/4 bsp x 1/4 bsp x 1mm</b>
<b>13080-R1.4</b>	<b>1/4 bsp x 1/4 bsp x 1.4mm</b>
<b>13093</b>	<b>1/4 bsp x 1/4 bsp x 1/16</b>
<b>13080-R2.0</b>	<b>1/4 bsp x 1/4 bsp x 2mm</b>
<b>13080-R2.5</b>	<b>1/4 bsp x 1/4 bsp x 2.5mm</b>
<b>13094</b>	<b>1/4 bsp x 3/8 bsp x 1/32</b>
<b>13095</b>	<b>1/4 bsp x 3/8 bsp x 1mm</b>
<b>13081-R1.4</b>	<b>1/4 bsp x 3/8 bsp x 1.4mm</b>
<b>13096</b>	<b>1/4 bsp x 3/8 bsp x 1/16</b>
<b>13081-R2.0</b>	<b>1/4 bsp x 3/8 bsp x 2mm</b>
<b>13081-R3.0</b>	<b>1/4 bsp x 3/8 bsp x 3mm</b>
<b>13097</b>	<b>1/4 bsp x 1/2 bsp x 1/32</b>
<b>13098</b>	<b>1/4 bsp x 1/2 bsp x 1mm</b>
<b>13099</b>	<b>1/4 bsp x 1/2 bsp x 1/16</b>
<b>13082-R2.0</b>	<b>1/4 bsp x 1/2 bsp x 2mm</b>
<b>13082-R3.0</b>	<b>1/4 bsp x 1/2 bsp x 3mm</b>
<b>13100</b>	<b>3/8 bsp x 3/8 bsp x 1/32</b>
<b>13101</b>	<b>3/8 bsp x 3/8 bsp x 1mm</b>
<b>13102</b>	<b>3/8 bsp x 3/8 bsp x 1/16</b>
<b>13083-R2.0</b>	<b>3/8 bsp x 3/8 bsp x 2mm</b>
<b>13083-R3.0</b>	<b>3/8 bsp x 3/8 bsp x 3mm</b>
<b>13083-R4.0</b>	<b>3/8 bsp x 3/8 bsp x 4mm</b>
<b>13103</b>	<b>3/8 bsp x 1/2 bsp x 1/32</b>
<b>13104</b>	<b>3/8 bsp x 1/2 bsp x 1mm</b>
<b>13105</b>	<b>3/8 bsp x 1/2 bsp x 1/16</b>
<b>13084-R2.0</b>	<b>3/8 bsp x 1/2 bsp x 2mm</b>
<b>13084-R2.4</b>	<b>3/8 bsp x 1/2 bsp x 2.4mm</b>
<b>13084-R2.5</b>	<b>3/8 bsp x 1/2 bsp x 2.5mm</b>
<b>13109</b>	<b>3/8 bsp x 1/2 bsp x 3mm</b>
<b>13089-R1/32</b>	<b>3/8 bsp x 3/4 bsp x 1/32</b>
<b>13110</b>	<b>3/8 bsp x 3/4 bsp x 1/16</b>
<b>13089-R2.0</b>	<b>3/8 bsp x 3/4 bsp x 2mm</b>
<b>13089-R3.0</b>	<b>3/8 bsp x 3/4 bsp x 3mm</b>
<b>13106</b>	<b>1/2 bsp x 1/2 bsp x 1/32</b>
<b>13107</b>	<b>1/2 bsp x 1/2 bsp x 1mm</b>
<b>13085-R1.4</b>	<b>1/2 bsp x 1/2 bsp x 1.4mm</b>
<b>13108</b>	<b>1/2 bsp x 1/2 bsp x 1/16</b>
<b>13085-R2.0</b>	<b>1/2 bsp x 1/2 bsp x 2mm</b>
<b>13085-R3.0</b>	<b>1/2 bsp x 1/2 bsp x 3mm</b>
<b>13086-R1.0</b>	<b>1/2 bsp x 3/4 bsp x 1mm</b>
<b>13087-R1.0</b>	<b>3/4 bsp x 3/4 bsp x 1mm</b>
<b>13087-R2.5</b>	<b>3/4 bsp x 3/4 bsp x 2.5mm</b>



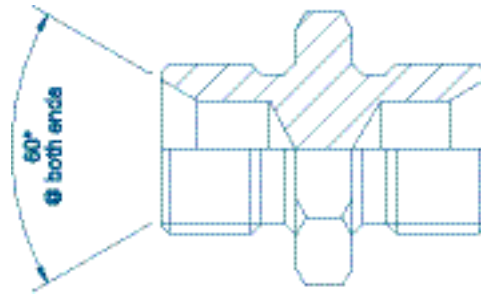
Other sizes in this range may be available on request.



## BSP male x BSP male restrictor blank only

Code	Description
<b>13119</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>13080</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>13081</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>13082</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>13083</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>13084</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>13089</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>13085</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>13086</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>13087</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>13088</b>	<b>3/4 bsp x 1 bsp</b>
<b>13090</b>	<b>1 bsp x 1 bsp</b>
<b>13117</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>

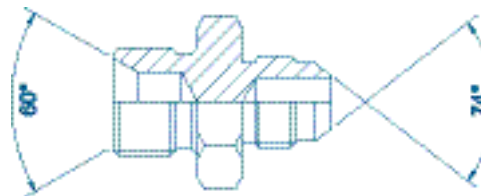
Other sizes in this range may be available on request.



## BSP male x JIC male restrictor blank only

Code	Description
<b>13229</b>	<b>1/8 bsp x 7/16 jic</b>
<b>13234</b>	<b>1/4 bsp x 7/16 jic</b>
<b>13230</b>	<b>1/4 bsp x 9/16 jic</b>
<b>13231</b>	<b>3/8 bsp x 7/16 jic</b>
<b>13232</b>	<b>3/8 bsp x 9/16 jic</b>
<b>13233</b>	<b>1/2 bsp x 9/16 jic</b>
<b>13235</b>	<b>3/4 bsp x 1-1/16 jic</b>

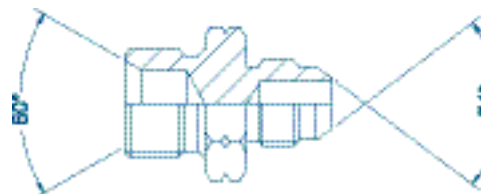
Other sizes in this range may be available on request.



## METRIC male 1.5mm pitch x JIC male restrictor blank only

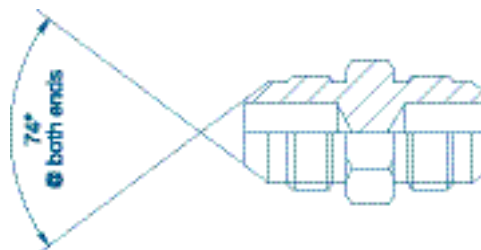
Code	Description
<b>13401</b>	<b>14 mm x 9/16 jic</b>
<b>13400</b>	<b>18 mm x 9/16 jic</b>

Other sizes in this range may be available on request.



## JIC male x JIC male restrictor blank only

Code	Description
<b>13500</b>	<b>7/16 jic x 7/16 jic</b>



## Contents Section 2

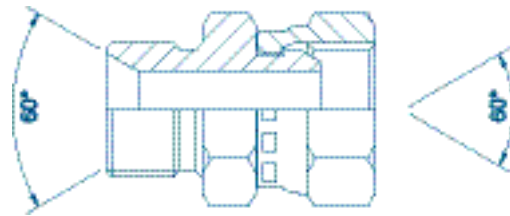
<b>33</b>	BSP male x BSP swivel female
<b>34</b>	BSP male x BSP flat faced swivel female
<b>34</b>	BSP male DIN 3852 Form A x BSP swivel female
<b>35</b>	BSP male x METRIC swivel female 1.5mm pitch
<b>35</b>	BSP male x JIC swivel female
<b>36</b>	BSP male x BSP swivel female BODIES ONLY
<b>36</b>	BSP male x NPSM swivel female
<b>37</b>	BSPT male x BSP swivel female
<b>37</b>	BSPT male x JIC swivel female
<b>37</b>	NPTF male x BSP swivel female
<b>38</b>	NPTF male x NPSM swivel female
<b>38</b>	NPTF male x JIC swivel female
<b>38</b>	METRIC male x METRIC swivel female 1.5mm pitch
<b>39</b>	METRIC male 1.5mm pitch x BSP swivel female
<b>39</b>	METRIC male 1.5mm pitch x JIC swivel female
<b>40</b>	JIC male x JIC swivel female
<b>40</b>	JIC male x BSP swivel female
<b>41</b>	JIC male x METRIC swivel female 1.5mm pitch
<b>41</b>	SAE O'ring boss male LESS O'RING x JIC swivel female
<b>42</b>	BSP male x BSP swivel female TEST POINT ADAPTORS
<b>42</b>	TEST POINT Fitting with male thread

## BSP male x BSP swivel female

Code	Description
<b>01425</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>01426</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>01476</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>01428</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>01427</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>01429</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>01430</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>01431</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>01432</b>	<b>3/8 bsp x 1/8 bsp</b>
<b>01433</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>01434</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>01435</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>01470</b>	<b>3/8 bsp x 5/8 bsp</b>
<b>01436</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>01437</b>	<b>3/8 bsp x 1 bsp</b>
<b>01438</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>01439</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>01440</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>01441</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>01442</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>01443</b>	<b>1/2 bsp x 1 bsp</b>
<b>01457</b>	<b>5/8 bsp x 1/4 bsp</b>
<b>01444</b>	<b>5/8 bsp x 3/8 bsp</b>
<b>01445</b>	<b>5/8 bsp x 1/2 bsp</b>
<b>01446</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>01447</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>01481</b>	<b>5/8 bsp x 1 bsp</b>
<b>01487</b>	<b>5/8 bsp x 1-1/2 bsp</b>
<b>01468</b>	<b>3/4 bsp x 1/4 bsp</b>
<b>01448</b>	<b>3/4 bsp x 3/8 bsp</b>
<b>01449</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>01450</b>	<b>3/4 bsp x 5/8 bsp</b>
<b>01451</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>01453</b>	<b>3/4 bsp x 1 bsp</b>
<b>01452</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>01482</b>	<b>3/4 bsp x 1-1/2 bsp</b>
<b>01484</b>	<b>1 bsp x 3/8 bsp</b>
<b>01454</b>	<b>1 bsp x 1/2 bsp</b>
<b>01455</b>	<b>1 bsp x 5/8 bsp</b>
<b>01456</b>	<b>1 bsp x 3/4 bsp</b>
<b>01458</b>	<b>1 bsp x 1 bsp</b>
<b>01463</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>01472</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>01479</b>	<b>1 bsp x 2 bsp</b>
<b>01459</b>	<b>1-1/4 bsp x 1/2 bsp</b>
<b>01469</b>	<b>1-1/4 bsp x 3/4 bsp</b>
<b>01460</b>	<b>1-1/4 bsp x 1 bsp</b>
<b>01461</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>01462</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>01477</b>	<b>1-1/4 bsp x 2 bsp</b>

Code	Description
<b>01464</b>	<b>1-1/2 bsp x 1 bsp</b>
<b>01465</b>	<b>1-1/2 bsp x 1-1/4 bsp</b>
<b>01466</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>01471</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>01475</b>	<b>2 bsp x 1-1/4 bsp</b>
<b>01474</b>	<b>2 bsp x 1-1/2 bsp</b>
<b>01467</b>	<b>2 bsp x 2 bsp</b>

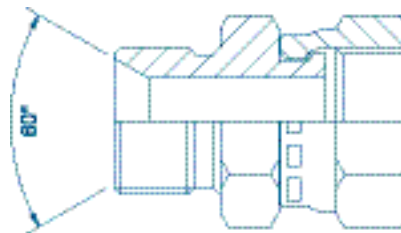
Note: If soft seal is required on the female, these are available on request.



## BSP male x BSP flat faced swivel female

Code	Description
<b>11426</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>11427</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>11429</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>11433</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>11434</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>11435</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>11436</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>11440</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>11442</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>11446</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>11451</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>11458</b>	<b>1 bsp x 1 bsp</b>
<b>11463</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>11467</b>	<b>2 bsp x 2 bsp</b>

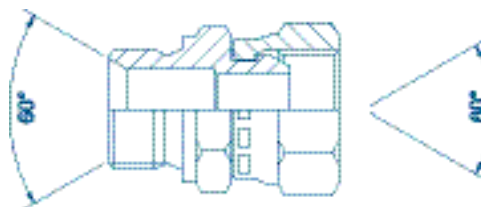
Other sizes in this range may be available on request.



## BSP male DIN 3852 FORM A x BSP swivel female

Code	Description
<b>61400</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>61401</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>61402</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>61403</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>61404</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>61405</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>61406</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>61407</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>61408</b>	<b>3/8 bsp x 1/8 bsp</b>
<b>61409</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>61410</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>61411</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>61413</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>61414</b>	<b>3/8 bsp x 1 bsp</b>
<b>61415</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>61416</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>61417</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>61419</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>61420</b>	<b>1/2 bsp x 1 bsp</b>
<b>61427</b>	<b>3/4 bsp x 1/4 bsp</b>
<b>61428</b>	<b>3/4 bsp x 3/8 bsp</b>
<b>61429</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>61431</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>61432</b>	<b>3/4 bsp x 1 bsp</b>
<b>61433</b>	<b>3/4 bsp x 1-1/4 bsp</b>

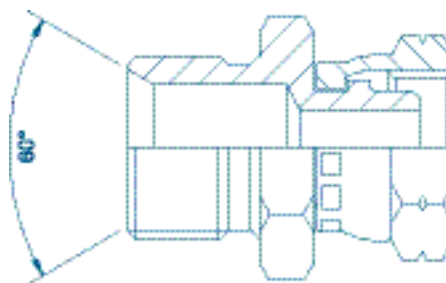
Code	Description
<b>61434</b>	<b>1 bsp x 1/2 bsp</b>
<b>61436</b>	<b>1 bsp x 3/4 bsp</b>
<b>61437</b>	<b>1 bsp x 1 bsp</b>
<b>61438</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>61439</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>61453</b>	<b>1 bsp x 2 bsp</b>
<b>61440</b>	<b>1-1/4 bsp x 1/2 bsp</b>
<b>61441</b>	<b>1-1/4 bsp x 3/4 bsp</b>
<b>61442</b>	<b>1-1/4 bsp x 1 bsp</b>
<b>61443</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>61444</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>61445</b>	<b>1-1/4 bsp x 2 bsp</b>
<b>61446</b>	<b>1-1/2 bsp x 1 bsp</b>
<b>61447</b>	<b>1-1/2 bsp x 1-1/4 bsp</b>
<b>61448</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>61449</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>61450</b>	<b>2 bsp x 1-1/4 bsp</b>
<b>61451</b>	<b>2 bsp x 1-1/2 bsp</b>
<b>61452</b>	<b>2 bsp x 2 bsp</b>



## BSP male x METRIC swivel female 1.5mm pitch

Code	Description
<b>01500</b>	<b>1/4 bsp x 12mm</b>
<b>01501</b>	<b>1/4 bsp x 14mm</b>
<b>01502</b>	<b>1/4 bsp x 16mm</b>
<b>01514</b>	<b>1/4 bsp x 18mm</b>
<b>01516</b>	<b>3/8 bsp x 12mm</b>
<b>01504</b>	<b>3/8 bsp x 14mm</b>
<b>01503</b>	<b>3/8 bsp x 16mm</b>
<b>01505</b>	<b>3/8 bsp x 18mm</b>
<b>01506</b>	<b>3/8 bsp x 20mm</b>
<b>01507</b>	<b>3/8 bsp x 22mm</b>
<b>01515</b>	<b>1/2 bsp x 14mm</b>
<b>01508</b>	<b>1/2 bsp x 16mm</b>
<b>01509</b>	<b>1/2 bsp x 18mm</b>
<b>01510</b>	<b>1/2 bsp x 20mm</b>
<b>01511</b>	<b>1/2 bsp x 22mm</b>
<b>01517</b>	<b>1/2 bsp x 24mm</b>
<b>01519</b>	<b>1/2 bsp x 26mm</b>

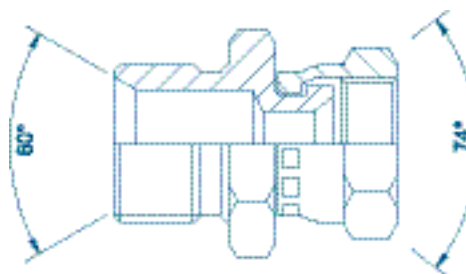
Code	Description
<b>01513</b>	<b>5/8 bsp x 22mm</b>
<b>01498</b>	<b>3/4 bsp x 18mm</b>
<b>01499</b>	<b>3/4 bsp x 20mm</b>
<b>01512</b>	<b>3/4 bsp x 22mm</b>



## BSP male x JIC swivel female

Code	Description
<b>11501</b>	<b>1/8 bsp x 7/16 jic</b>
<b>11513</b>	<b>1/4 bsp x 7/16 jic</b>
<b>11514</b>	<b>1/4 bsp x 1/2 jic</b>
<b>11515</b>	<b>1/4 bsp x 9/16 jic</b>
<b>11516</b>	<b>1/4 bsp x 3/4 jic</b>
<b>11524</b>	<b>3/8 bsp x 7/16 jic</b>
<b>11525</b>	<b>3/8 bsp x 1/2 jic</b>
<b>11526</b>	<b>3/8 bsp x 9/16 jic</b>
<b>11527</b>	<b>3/8 bsp x 3/4 jic</b>
<b>11528</b>	<b>3/8 bsp x 7/8 jic</b>
<b>11529</b>	<b>3/8 bsp x 1-1/16 jic</b>
<b>11531</b>	<b>3/8 bsp x 1-5/16 jic</b>
<b>11536</b>	<b>1/2 bsp x 7/16 jic</b>
<b>11537</b>	<b>1/2 bsp x 1/2 jic</b>
<b>11538</b>	<b>1/2 bsp x 9/16 jic</b>
<b>11539</b>	<b>1/2 bsp x 3/4 jic</b>
<b>11540</b>	<b>1/2 bsp x 7/8 jic</b>
<b>11541</b>	<b>1/2 bsp x 1-1/16 jic</b>
<b>11551</b>	<b>5/8 bsp x 3/4 jic</b>
<b>11552</b>	<b>5/8 bsp x 7/8 jic</b>
<b>11553</b>	<b>5/8 bsp x 1-1/16 jic</b>
<b>11562</b>	<b>3/4 bsp x 9/16 jic</b>
<b>11563</b>	<b>3/4 bsp x 3/4 jic</b>
<b>11564</b>	<b>3/4 bsp x 7/8 jic</b>
<b>11565</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>11566</b>	<b>3/4 bsp x 1-3/16 jic</b>
<b>11567</b>	<b>3/4 bsp x 1-5/16 jic</b>
<b>11568</b>	<b>3/4 bsp x 1-5/8 jic</b>

Code	Description
<b>11577</b>	<b>1 bsp x 1-1/16 jic</b>
<b>11578</b>	<b>1 bsp x 1-3/16 jic</b>
<b>11579</b>	<b>1 bsp x 1-5/16 jic</b>
<b>11580</b>	<b>1 bsp x 1-5/8 jic</b>
<b>11591</b>	<b>1-1/4 bsp x 1-5/16 jic</b>
<b>11592</b>	<b>1-1/4 bsp x 1-5/8 jic</b>
<b>11593</b>	<b>1-1/4 bsp x 1-7/8 jic</b>
<b>11606</b>	<b>1-1/2 bsp x 1-5/8 jic</b>
<b>11605</b>	<b>1-1/2 bsp x 1-7/8 jic</b>
<b>11619</b>	<b>1-1/2 bsp x 2-1/2 jic</b>
<b>11617</b>	<b>2 bsp x 1-7/8 jic</b>
<b>11618</b>	<b>2 bsp x 2-1/2 jic</b>



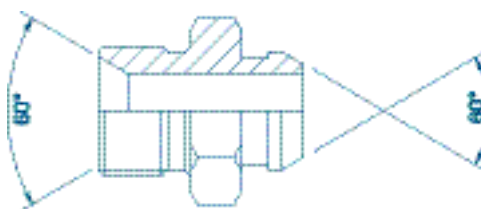
## BSP male x BSP swivel female BODIES ONLY

Also suitable for NPSM Crimp Nuts

Code	Description
<b>21425</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>21426</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>21428</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>21427</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>21429</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>21430</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>21431</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>21433</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>21434</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>21435</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>21470</b>	<b>3/8 bsp x 5/8 bsp</b>
<b>21436</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>21437</b>	<b>3/8 bsp x 1 bsp</b>
<b>21438</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>21439</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>21440</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>21441</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>21442</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>21443</b>	<b>1/2 bsp x 1 bsp</b>
<b>21444</b>	<b>5/8 bsp x 3/8 bsp</b>
<b>21445</b>	<b>5/8 bsp x 1/2 bsp</b>
<b>21446</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>21447</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>21448</b>	<b>3/4 bsp x 3/8 bsp</b>
<b>21449</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>21450</b>	<b>3/4 bsp x 5/8 bsp</b>
<b>21451</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>21453</b>	<b>3/4 bsp x 1 bsp</b>
<b>21452</b>	<b>3/4 bsp x 1-1/4 bsp</b>

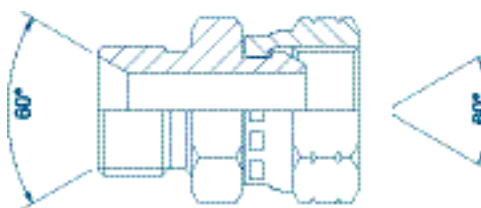
Code	Description
<b>21454</b>	<b>1 bsp x 1/2 bsp</b>
<b>21455</b>	<b>1 bsp x 5/8 bsp</b>
<b>21456</b>	<b>1 bsp x 3/4 bsp</b>
<b>21458</b>	<b>1 bsp x 1 bsp</b>
<b>21463</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>21459</b>	<b>1-1/4 bsp x 1/2 bsp</b>
<b>21469</b>	<b>1-1/4 bsp x 3/4 bsp</b>
<b>21460</b>	<b>1-1/4 bsp x 1 bsp</b>
<b>21461</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>21462</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>21464</b>	<b>1-1/2 bsp x 1 bsp</b>
<b>21465</b>	<b>1-1/2 bsp x 1-1/4 bsp</b>
<b>21466</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>21471</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>21467</b>	<b>2 bsp x 2 bsp</b>

Due to ever increasing demand for Crimped items, there may be long delays for these bodies.



## BSP male x NPSM swivel female

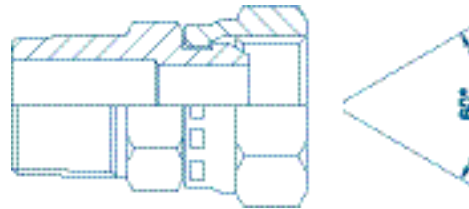
Code	Description
<b>31427</b>	<b>1/4 bsp x 1/4 npsm</b>
<b>31429</b>	<b>1/4 bsp x 3/8 npsm</b>
<b>31433</b>	<b>3/8 bsp x 1/4 npsm</b>
<b>31434</b>	<b>3/8 bsp x 3/8 npsm</b>
<b>31435</b>	<b>3/8 bsp x 1/2 npsm</b>
<b>31438</b>	<b>1/2 bsp x 1/4 npsm</b>
<b>31439</b>	<b>1/2 bsp x 3/8 npsm</b>
<b>31440</b>	<b>1/2 bsp x 1/2 npsm</b>



## BSPT male x BSP swivel female

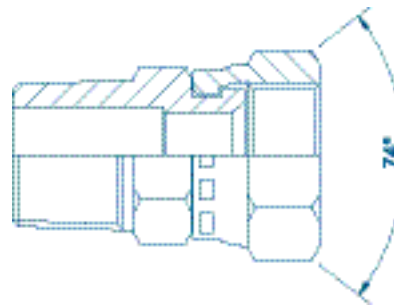
Code	Description
<b>01875</b>	<b>1/8 bspt x 1/8 bsp</b>
<b>01876</b>	<b>1/4 bspt x 1/4 bsp</b>
<b>01877</b>	<b>3/8 bspt x 3/8 bsp</b>
<b>01885</b>	<b>3/8 bspt x 1/2 bsp</b>
<b>01884</b>	<b>1/2 bspt x 3/8 bsp</b>
<b>01878</b>	<b>1/2 bspt x 1/2 bsp</b>
<b>01879</b>	<b>5/8 bspt x 5/8 bsp</b>
<b>01880</b>	<b>3/4 bspt x 1/2 bsp</b>
<b>01881</b>	<b>3/4 bspt x 3/4 bsp</b>
<b>01887</b>	<b>3/4 bspt x 1 bsp</b>
<b>01882</b>	<b>1 bspt x 3/4 bsp</b>
<b>01883</b>	<b>1 bspt x 1 bsp</b>
<b>01889</b>	<b>1-1/4 bspt x 1-1/4 bsp</b>
<b>01888</b>	<b>1-1/2 bspt x 1-1/2 bsp</b>
<b>01891</b>	<b>2 bspt x 1-1/2 bsp</b>
<b>01886</b>	<b>2 bspt x 2 bsp</b>

Note: Coned Bspt is available on request.



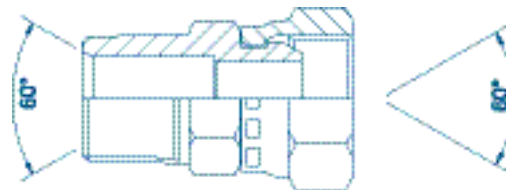
## BSPT male x JIC swivel female

Code	Description	Price
<b>10200</b>	<b>1/4 bspt x 7/16 jic</b>	£ 0.92



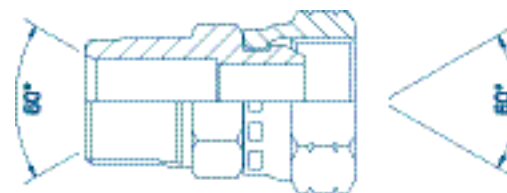
## NPTF male x BSP swivel female

Code	Description
<b>11875</b>	<b>1/8 nptf x 1/8 bsp</b>
<b>11876</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>11873</b>	<b>1/4 nptf x 3/8 bsp</b>
<b>11885</b>	<b>3/8 nptf x 1/4 bsp</b>
<b>11877</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>11884</b>	<b>3/8 nptf x 1/2 bsp</b>
<b>11874</b>	<b>1/2 nptf x 3/8 bsp</b>
<b>11878</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>11879</b>	<b>1/2 nptf x 3/4 bsp</b>
<b>11880</b>	<b>3/4 nptf x 1/2 bsp</b>
<b>11881</b>	<b>3/4 nptf x 3/4 bsp</b>
<b>11882</b>	<b>1 nptf x 3/4 bsp</b>
<b>11883</b>	<b>1 nptf x 1 bsp</b>
<b>11888</b>	<b>1-1/2 nptf x 1-1/2 bsp</b>
<b>11886</b>	<b>2 nptf x 2 bsp</b>



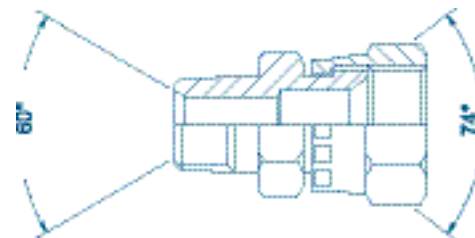
## NPTF male x NPSM swivel female

Code	Description
<b>10875</b>	<b>1/8 nptf x 1/8 npsm</b>
<b>10876</b>	<b>1/4 nptf x 1/4 npsm</b>
<b>10886</b>	<b>1/4 nptf x 3/8 npsm</b>
<b>10872</b>	<b>3/8 nptf x 1/4 npsm</b>
<b>10877</b>	<b>3/8 nptf x 3/8 npsm</b>
<b>10884</b>	<b>3/8 nptf x 1/2 npsm</b>
<b>10874</b>	<b>1/2 nptf x 3/8 npsm</b>
<b>10878</b>	<b>1/2 nptf x 1/2 npsm</b>
<b>10879</b>	<b>1/2 nptf x 3/4 npsm</b>
<b>10880</b>	<b>3/4 nptf x 1/2 npsm</b>
<b>10881</b>	<b>3/4 nptf x 3/4 npsm</b>
<b>10887</b>	<b>3/4 nptf x 1 npsm</b>
<b>10882</b>	<b>1 nptf x 3/4 npsm</b>
<b>10885</b>	<b>1 nptf x 1 npsm</b>
<b>10883</b>	<b>1-1/2 nptf x 1-1/2 npsm</b>



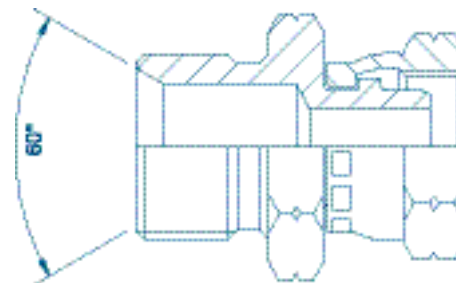
## NPTF male x JIC swivel female

Code	Description
<b>11200</b>	<b>1/8 nptf x 7/16 jic</b>
<b>11206</b>	<b>1/4 nptf x 1/2 jic</b>
<b>11201</b>	<b>1/4 nptf x 9/16 jic</b>
<b>11202</b>	<b>3/8 nptf x 3/4 jic</b>
<b>11203</b>	<b>1/2 nptf x 7/8 jic</b>
<b>11204</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>11205</b>	<b>1 nptf x 1-5/16 jic</b>



## METRIC male x METRIC swivel female 1.5mm pitch

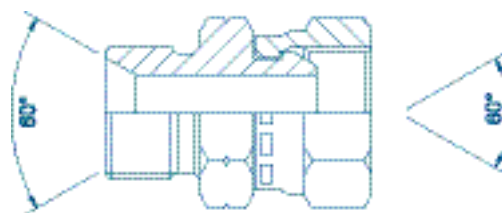
Code	Description
<b>01700</b>	<b>12mm x 12mm</b>
<b>01701</b>	<b>14mm x 14mm</b>
<b>01702</b>	<b>16mm x 16mm</b>
<b>01709</b>	<b>16mm x 18mm</b>
<b>01710</b>	<b>18mm x 16mm</b>
<b>01703</b>	<b>18mm x 18mm</b>
<b>01704</b>	<b>18mm x 20mm</b>
<b>01711</b>	<b>18mm x 22mm</b>
<b>01712</b>	<b>20mm x 18mm</b>
<b>01705</b>	<b>20mm x 20mm</b>
<b>01713</b>	<b>20mm x 22mm</b>
<b>01707</b>	<b>22mm x 18mm</b>
<b>01708</b>	<b>22mm x 20mm</b>
<b>01706</b>	<b>22mm x 22mm</b>





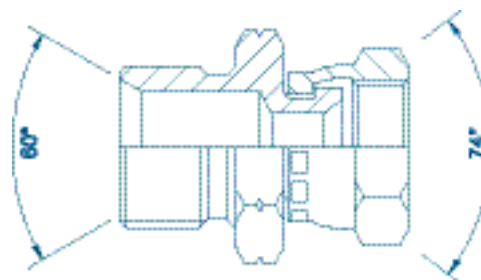
## METRIC male 1.5mm pitch x BSP swivel female

Code	Description
<b>01550</b>	<b>12mm x 1/4 bsp</b>
<b>01572</b>	<b>12mm x 3/8 bsp</b>
<b>01551</b>	<b>14mm x 1/4 bsp</b>
<b>01554</b>	<b>14mm x 3/8 bsp</b>
<b>01552</b>	<b>14mm x 1/2 bsp</b>
<b>01553</b>	<b>16mm x 1/4 bsp</b>
<b>01555</b>	<b>16mm x 3/8 bsp</b>
<b>01559</b>	<b>16mm x 1/2 bsp</b>
<b>01570</b>	<b>16mm x 3/4 bsp</b>
<b>01556</b>	<b>18mm x 3/8 bsp</b>
<b>01560</b>	<b>18mm x 1/2 bsp</b>
<b>01557</b>	<b>20mm x 3/8 bsp</b>
<b>01561</b>	<b>20mm x 1/2 bsp</b>
<b>01567</b>	<b>20mm x 3/4 bsp</b>
<b>01558</b>	<b>22mm x 3/8 bsp</b>
<b>01562</b>	<b>22mm x 1/2 bsp</b>
<b>01563</b>	<b>22mm x 3/4 bsp</b>
<b>01573</b>	<b>24mm x 1/2 bsp</b>
<b>01564</b>	<b>26mm x 3/8 bsp</b>
<b>01565</b>	<b>26mm x 1/2 bsp</b>
<b>01566</b>	<b>26mm x 3/4 bsp</b>
<b>01568</b>	<b>30mm x 3/8 bsp</b>
<b>01569</b>	<b>30mm x 1/2 bsp</b>



## METRIC male 1.5mm pitch x JIC swivel female

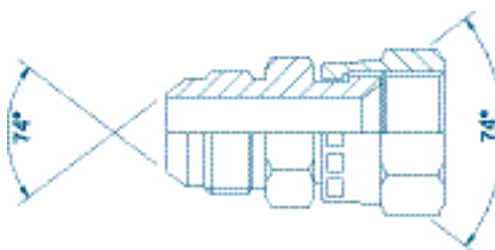
Code	Description
<b>01639</b>	<b>12mm x 7/16 jic</b>
<b>01625</b>	<b>12mm x 1/2 jic</b>
<b>01626</b>	<b>14mm x 9/16 jic</b>
<b>01627</b>	<b>16mm x 9/16 jic</b>
<b>01628</b>	<b>16mm x 3/4 jic</b>
<b>01629</b>	<b>16mm x 7/8 jic</b>
<b>01630</b>	<b>18mm x 9/16 jic</b>
<b>01631</b>	<b>18mm x 3/4 jic</b>
<b>01632</b>	<b>18mm x 7/8 jic</b>
<b>01633</b>	<b>20mm x 9/16 jic</b>
<b>01634</b>	<b>20mm x 3/4 jic</b>
<b>01638</b>	<b>20mm x 7/8 jic</b>
<b>01635</b>	<b>22mm x 9/16 jic</b>
<b>01636</b>	<b>22mm x 3/4 jic</b>
<b>01637</b>	<b>22mm x 7/8 jic</b>



## JIC male x JIC swivel female

Code	Description
<b>01687</b>	<b>7/16 jic x 7/16 jic</b>
<b>01675</b>	<b>7/16 jic x 9/16 jic</b>
<b>01694</b>	<b>7/16 jic x 3/4 jic</b>
<b>01671</b>	<b>7/16 jic x 7/8 jic</b>
<b>01670</b>	<b>1/2 jic x 7/16 jic</b>
<b>01676</b>	<b>1/2 jic x 1/2 jic</b>
<b>01677</b>	<b>1/2 jic x 9/16 jic</b>
<b>01684</b>	<b>9/16 jic x 7/16 jic</b>
<b>01674</b>	<b>9/16 jic x 1/2 jic</b>
<b>01678</b>	<b>9/16 jic x 9/16 jic</b>
<b>01679</b>	<b>9/16 jic x 3/4 jic</b>
<b>01695</b>	<b>9/16 jic x 7/8 jic</b>
<b>01774</b>	<b>9/16 jic x 1-1/16 jic</b>
<b>01680</b>	<b>3/4 jic x 9/16 jic</b>
<b>01685</b>	<b>3/4 jic x 3/4 jic</b>
<b>01681</b>	<b>3/4 jic x 7/8 jic</b>
<b>01691</b>	<b>3/4 jic x 1-1/16 jic</b>
<b>01773</b>	<b>3/4 jic x 1-5/8 jic</b>
<b>01682</b>	<b>7/8 jic x 3/4 jic</b>
<b>01683</b>	<b>7/8 jic x 7/8 jic</b>
<b>01690</b>	<b>7/8 jic x 1-1/16 jic</b>
<b>01688</b>	<b>1-1/16 jic x 3/4 jic</b>
<b>01686</b>	<b>1-1/16 jic x 7/8 jic</b>
<b>01692</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>01696</b>	<b>1-1/16 jic x 1-5/16 jic</b>
<b>01666</b>	<b>1-1/16 jic x 1-5/8 jic</b>

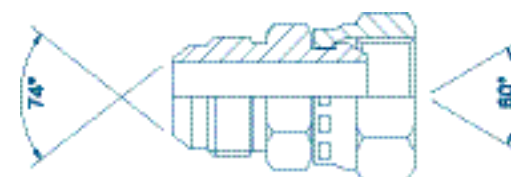
Code	Description
<b>01699</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>01689</b>	<b>1-5/16 jic x 1-1/16 jic</b>
<b>01693</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>01673</b>	<b>1-5/16 jic x 1-5/8 jic</b>
<b>01669</b>	<b>1-5/16 jic x 1-7/8 jic</b>
<b>01770</b>	<b>1-5/8 jic x 1-5/16 jic</b>
<b>01697</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>01672</b>	<b>1-5/8 jic x 1-7/8 jic</b>
<b>01698</b>	<b>1-7/8 jic x 1-7/8 jic</b>
<b>01667</b>	<b>1-7/8 jic x 2-1/2 jic</b>



## JIC male x BSP swivel female

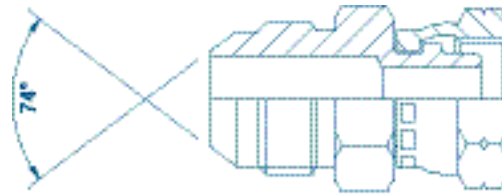
Code	Description
<b>01600</b>	<b>7/16 jic x 1/8 bsp</b>
<b>01605</b>	<b>7/16 jic x 1/4 bsp</b>
<b>01614</b>	<b>7/16 jic x 3/8 bsp</b>
<b>01613</b>	<b>7/16 jic x 1/2 bsp</b>
<b>01601</b>	<b>1/2 jic x 1/4 bsp</b>
<b>01618</b>	<b>1/2 jic x 3/8 bsp</b>
<b>01617</b>	<b>1/2 jic x 1/2 bsp</b>
<b>01602</b>	<b>9/16 jic x 1/4 bsp</b>
<b>01603</b>	<b>9/16 jic x 3/8 bsp</b>
<b>01604</b>	<b>9/16 jic x 1/2 bsp</b>
<b>01606</b>	<b>3/4 jic x 3/8 bsp</b>
<b>01607</b>	<b>3/4 jic x 1/2 bsp</b>
<b>01599</b>	<b>3/4 jic x 5/8 bsp</b>
<b>01620</b>	<b>3/4 jic x 3/4 bsp</b>
<b>01608</b>	<b>7/8 jic x 3/8 bsp</b>
<b>01609</b>	<b>7/8 jic x 1/2 bsp</b>
<b>01619</b>	<b>7/8 jic x 5/8 bsp</b>
<b>01615</b>	<b>7/8 jic x 3/4 bsp</b>

Code	Description
<b>01594</b>	<b>1-1/16 jic x 1/2 bsp</b>
<b>01610</b>	<b>1-1/16 jic x 3/4 bsp</b>
<b>01616</b>	<b>1-1/16 jic x 1 bsp</b>
<b>01623</b>	<b>1-3/16 jic x 3/4 bsp</b>
<b>01624</b>	<b>1-5/16 jic x 3/4 bsp</b>
<b>01611</b>	<b>1-5/16 jic x 1 bsp</b>
<b>01612</b>	<b>1-5/8 jic x 1-1/4 bsp</b>
<b>01597</b>	<b>1-5/8 jic x 1-1/2 bsp</b>
<b>01598</b>	<b>1-7/8 jic x 1-1/2 bsp</b>



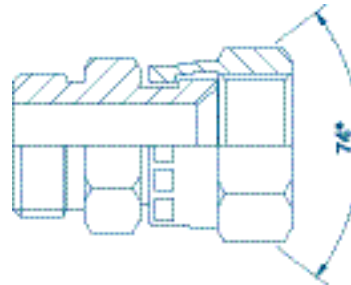
## JIC male x METRIC swivel female 1.5mm pitch

Code	Description
<b>01664</b>	<b>7/16 jic x 12mm</b>
<b>01665</b>	<b>7/16 jic x 14mm</b>
<b>01650</b>	<b>1/2 jic x 12mm</b>
<b>01651</b>	<b>9/16 jic x 14mm</b>
<b>01652</b>	<b>9/16 jic x 16mm</b>
<b>01653</b>	<b>9/16 jic x 18mm</b>
<b>01654</b>	<b>9/16 jic x 20mm</b>
<b>01655</b>	<b>9/16 jic x 22mm</b>
<b>01656</b>	<b>3/4 jic x 16mm</b>
<b>01657</b>	<b>3/4 jic x 18mm</b>
<b>01658</b>	<b>3/4 jic x 20mm</b>
<b>01659</b>	<b>3/4 jic x 22mm</b>
<b>01660</b>	<b>7/8 jic x 16mm</b>
<b>01661</b>	<b>7/8 jic x 18mm</b>
<b>01662</b>	<b>7/8 jic x 20mm</b>
<b>01663</b>	<b>7/8 jic x 22mm</b>



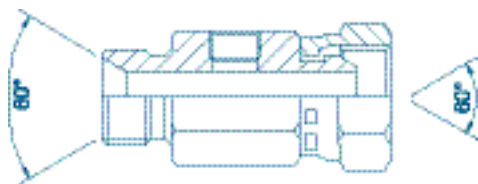
## SAE O'ring boss male x JIC swivel female

Code	Description
<b>11685</b>	<b>3/4 sorb x 3/4 jic</b>



## BSP male x BSP swivel female TEST POINT adaptors

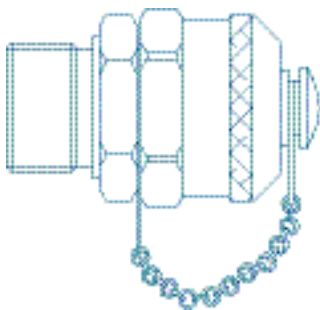
Code	Description
<b>01425-TP-B02</b>	<b>1/8</b> bsp x <b>1/8</b> bsp + <b>1/8</b> Test Point
<b>01427-TP-B02</b>	<b>1/4</b> bsp x <b>1/4</b> bsp + <b>1/8</b> Test Point
<b>01434-TP-B02</b>	<b>3/8</b> bsp x <b>3/8</b> bsp + <b>1/8</b> Test Point
<b>01440-TP-B02</b>	<b>1/2</b> bsp x <b>1/2</b> bsp + <b>1/8</b> Test Point
<b>01451-TP-B02</b>	<b>3/4</b> bsp x <b>3/4</b> bsp + <b>1/8</b> Test Point
<b>01458-TP-B02</b>	<b>1</b> bsp x <b>1</b> bsp + <b>1/8</b> Test Point
<b>01461-TP-B02</b>	<b>1-1/4</b> bsp x <b>1-1/4</b> bsp + <b>1/8</b> Test Point
<b>01427-TP-B04</b>	<b>1/4</b> bsp x <b>1/4</b> bsp + <b>1/4</b> Test Point
<b>01440-TP-B04</b>	<b>1/2</b> bsp x <b>1/2</b> bsp + <b>1/4</b> Test Point
<b>01458-TP-B04</b>	<b>1</b> bsp x <b>1</b> bsp + <b>1/4</b> Test Point



Fitting not included. Other styles and sizes are available on request.

## TEST POINT Fitting with male thread

Code	Description
<b>MTP/B02-M16/2S</b>	<b>1/8</b> bsp male T/P + <b>16mm</b> by <b>2mm</b> Steel Cap
<b>MTP/B04-M16/2S</b>	<b>1/4</b> bsp male T/P + <b>16mm</b> by <b>2mm</b> Steel Cap



## Contents Section 3

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<b>44</b>	BSP swivel female x BSP swivel female
<b>44</b>	BSP swivel female x METRIC swivel female 1.5mm pitch
<b>45</b>	BSP swivel female x JIC swivel female
<b>45</b>	METRIC swivel female x METRIC swivel female 1.5mm pitch

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<b>46</b>	JIC swivel female x JIC swivel female
<b>46</b>	NPTF fixed female x BSP swivel female

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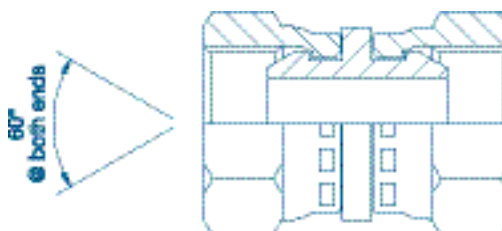
<b>46</b>	BSP swivel female x BSP swivel female BODIES ONLY
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## BSP swivel female x BSP swivel female

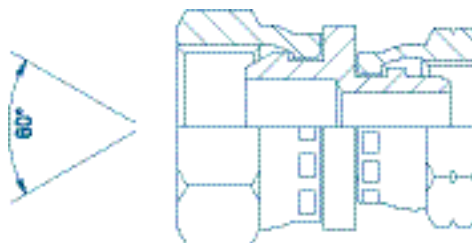
Code	Description
<b>01725</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>01726</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>01751</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>01727</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>01728</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>01732</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>01736</b>	<b>1/4 bsp x 5/8 bsp</b>
<b>01724</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>01729</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>01733</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>01737</b>	<b>3/8 bsp x 5/8 bsp</b>
<b>01730</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>01731</b>	<b>3/8 bsp x 1 bsp</b>
<b>01734</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>01746</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>01735</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>01750</b>	<b>1/2 bsp x 1 bsp</b>
<b>01738</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>01740</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>01739</b>	<b>5/8 bsp x 1 bsp</b>

Code	Description
<b>01741</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>01742</b>	<b>3/4 bsp x 1 bsp</b>
<b>01747</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>01743</b>	<b>1 bsp x 1 bsp</b>
<b>01744</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>01752</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>01745</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>01753</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>01756</b>	<b>1-1/4 bsp x 2 bsp</b>
<b>01748</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>01755</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>01749</b>	<b>2 bsp x 2 bsp</b>



## BSP swivel female x METRIC swivel female 1.5mm pitch

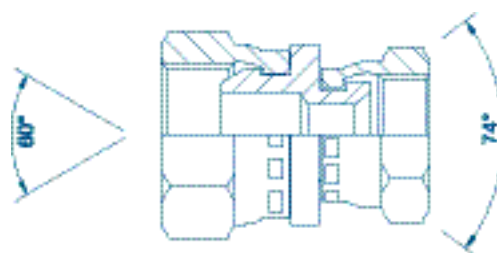
Code	Description
<b>01800</b>	<b>1/4 bsp x 12mm</b>
<b>01801</b>	<b>1/4 bsp x 14mm</b>
<b>01802</b>	<b>3/8 bsp x 12mm</b>
<b>01804</b>	<b>3/8 bsp x 14mm</b>
<b>01805</b>	<b>3/8 bsp x 16mm</b>
<b>01806</b>	<b>3/8 bsp x 18mm</b>
<b>01807</b>	<b>3/8 bsp x 20mm</b>
<b>01808</b>	<b>3/8 bsp x 22mm</b>
<b>01809</b>	<b>1/2 bsp x 16mm</b>
<b>01810</b>	<b>1/2 bsp x 18mm</b>
<b>01811</b>	<b>1/2 bsp x 20mm</b>
<b>01812</b>	<b>1/2 bsp x 22mm</b>
<b>01813</b>	<b>5/8 bsp x 18mm</b>



## BSP swivel female x JIC swivel female

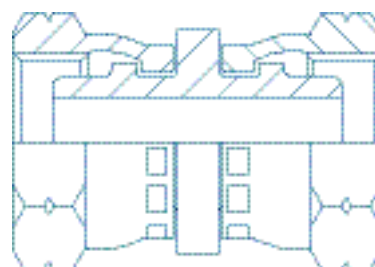
Code	Description
<b>01859</b>	<b>1/4 bsp x 7/16 jic</b>
<b>01861</b>	<b>1/4 bsp x 1/2 jic</b>
<b>01850</b>	<b>1/4 bsp x 9/16 jic</b>
<b>01872</b>	<b>1/4 bsp x 1-1/16 jic</b>
<b>01860</b>	<b>3/8 bsp x 7/16 jic</b>
<b>01868</b>	<b>3/8 bsp x 1/2 jic</b>
<b>01851</b>	<b>3/8 bsp x 9/16 jic</b>
<b>01852</b>	<b>3/8 bsp x 3/4 jic</b>
<b>01853</b>	<b>3/8 bsp x 7/8 jic</b>
<b>01854</b>	<b>1/2 bsp x 9/16 jic</b>
<b>01855</b>	<b>1/2 bsp x 3/4 jic</b>
<b>01856</b>	<b>1/2 bsp x 7/8 jic</b>
<b>01862</b>	<b>1/2 bsp x 1-1/16 jic</b>
<b>01858</b>	<b>5/8 bsp x 7/8 jic</b>
<b>01857</b>	<b>3/4 bsp x 3/4 jic</b>
<b>01863</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>01869</b>	<b>3/4 bsp x 1-3/16 jic</b>
<b>01865</b>	<b>3/4 bsp x 1-5/16 jic</b>

Code	Description
<b>01866</b>	<b>1 bsp x 1-1/16 jic</b>
<b>01864</b>	<b>1 bsp x 1-5/16 jic</b>
<b>01870</b>	<b>1-1/4 bsp x 1-5/16 jic</b>
<b>01867</b>	<b>1-1/4 bsp x 1-5/8 jic</b>
<b>01871</b>	<b>1-1/2 bsp x 1-7/8 jic</b>



## METRIC swivel female x METRIC swivel female 1.5mm pitch

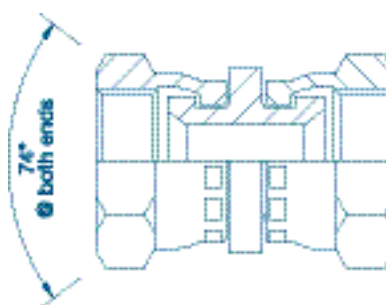
Code	Description
<b>01775</b>	<b>12mm x 12mm</b>
<b>01785</b>	<b>12mm x 14mm</b>
<b>01776</b>	<b>14mm x 14mm</b>
<b>01777</b>	<b>16mm x 16mm</b>
<b>01782</b>	<b>16mm x 18mm</b>
<b>01778</b>	<b>18mm x 18mm</b>
<b>01783</b>	<b>18mm x 20mm</b>
<b>01779</b>	<b>18mm x 22mm</b>
<b>01780</b>	<b>20mm x 20mm</b>
<b>01784</b>	<b>20mm x 22mm</b>
<b>01781</b>	<b>22mm x 22mm</b>



## JIC swivel female x JIC swivel female

Code	Description
<b>01825</b>	<b>7/16 jic x 7/16 jic</b>
<b>01832</b>	<b>7/16 jic x 9/16 jic</b>
<b>01842</b>	<b>7/16 jic x 3/4 jic</b>
<b>01826</b>	<b>1/2 jic x 1/2 jic</b>
<b>01833</b>	<b>1/2 jic x 9/16 jic</b>
<b>01827</b>	<b>9/16 jic x 9/16 jic</b>
<b>01828</b>	<b>9/16 jic x 3/4 jic</b>
<b>01834</b>	<b>9/16 jic x 7/8 jic</b>
<b>01829</b>	<b>3/4 jic x 3/4 jic</b>
<b>01830</b>	<b>3/4 jic x 7/8 jic</b>
<b>01844</b>	<b>3/4 jic x 1-1/16 jic</b>
<b>01831</b>	<b>7/8 jic x 7/8 jic</b>
<b>01838</b>	<b>7/8 jic x 1-1/16 jic</b>
<b>01835</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>01837</b>	<b>1-1/16 jic x 1-5/16 jic</b>
<b>01841</b>	<b>1-3/16 jic x 1-3/16 jic</b>

Code	Description
<b>01836</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>01839</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>01845</b>	<b>1-5/8 jic x 1-7/8 jic</b>
<b>01840</b>	<b>1-7/8 jic x 1-7/8 jic</b>
<b>01843</b>	<b>2-1/2 jic x 2-1/2 jic</b>



## NPTF fixed female x BSP swivel female

Code	Description
<b>90000</b>	<b>1/8 nptf x 1/8 bsp</b>
<b>90001</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>90002</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>90003</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>90004</b>	<b>3/4 nptf x 3/4 bsp</b>
<b>90005</b>	<b>1 nptf x 1 bsp</b>
<b>90006</b>	<b>1-1/4 nptf x 1-1/4 bsp</b>
<b>90007</b>	<b>1-1/2 nptf x 1-1/2 bsp</b>
<b>90008</b>	<b>2 nptf x 2 bsp</b>



## BSP swivel female x BSP swivel female BODIES ONLY

Code	Description
<b>21725</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>21726</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>21727</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>21728</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>21729</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>21733</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>21734</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>21747</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>21735</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>21738</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>21741</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>21742</b>	<b>3/4 bsp x 1 bsp</b>

Code	Description
<b>21743</b>	<b>1 bsp x 1 bsp</b>
<b>21745</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>21748</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>

Due to ever increasing demand of crimped items, there may be long delays for these bodies.





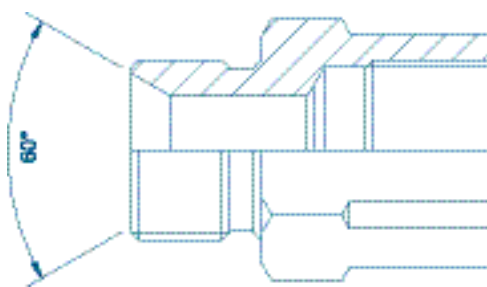
## Contents Section 4

Male x Fixed Female	
<b>48</b>	BSP male x BSP fixed female extended
<b>48</b>	BSP male 60° cone x BSP fixed female bush
<b>49</b>	BSP male x BSP fixed female bush NOT CONED
<b>49</b>	BSP male x BSP fixed female GAUGE
<b>50</b>	BSP male x NPTF fixed female extended
<b>50</b>	BSP male 60° cone x NPTF fixed female bush
<b>51</b>	BSP male x BSPT fixed female extended
<b>51</b>	BSP male 60° cone x BSPT fixed female bush
<b>51</b>	BSP male x METRIC fixed female extended 1.5mm pitch
<b>52</b>	BSPT male x BSPT fixed female bush
<b>52</b>	BSPT male x BSP fixed female extended
<b>53</b>	BSPT male x BSP fixed female bush
<b>53</b>	BSPT male x NPTF fixed female bush
<b>53</b>	BSPT male x NPTF fixed female extended
<b>54</b>	NPTF male x NPTF fixed female bush
<b>54</b>	NPTF male x NPTF fixed female extended
<b>55</b>	NPTF male x BSP fixed female extended
<b>55</b>	NPTF male x BSP fixed female bush
<b>56</b>	JIC male x JIC fixed female extended
<b>56</b>	JIC male x BSP fixed female extended
<b>57</b>	JIC male x NPTF fixed female extended
<b>57</b>	JIC male x NPTF fixed female bush
<b>57</b>	JIC male x BSP fixed female bush
<b>58</b>	SAE O'ring boss male x BSP fixed female bush
<b>58</b>	SAE O'ring boss male x NPTF fixed female bush
<b>58</b>	METRIC male x METRIC fixed female extended 1.5mm pitch
<b>59</b>	METRIC male 1.5mm pitch x BSP fixed female bush
<b>59</b>	METRIC male 1.5mm pitch x BSP fixed female extended
<b>59</b>	METRIC male 1.5mm pitch x NPTF fixed female bush
Fixed Female x Fixed Female	
<b>60</b>	BSP fixed female x BSP fixed female
<b>60</b>	BSP fixed female x BSP fixed female REDUCING
<b>60</b>	BSPT fixed female x BSPT fixed female
<b>61</b>	NPTF fixed female x BSP fixed female
<b>61</b>	NPTF fixed female x NPTF fixed female
<b>61</b>	NPTF fixed female x NPTF fixed female REDUCING
<b>62</b>	NPTF fixed female x METRIC fixed female 1.5mm pitch
<b>62</b>	NPTF fixed female x BSPT fixed female
<b>62</b>	METRIC fixed female x METRIC fixed female 1.5mm pitch
<b>62</b>	METRIC fixed female x METRIC fixed female 1.5mm pitch REDUCING

## BSP male x BSP fixed female extended

Code	Description
<b>00922</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>00924</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>00931</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>00928</b>	<b>1/8 bsp x 1/2 bsp</b>
<b>00905</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>00900</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>00901</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>00904</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>00932</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>00902</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>00903</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>00913</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>00933</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>00938</b>	<b>3/8 bsp x 1 bsp</b>
<b>00906</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>00907</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>00918</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>00929</b>	<b>1/2 bsp x 1 bsp</b>
<b>00934</b>	<b>1/2 bsp x 1-1/4 bsp</b>
<b>00908</b>	<b>5/8 bsp x 1/2 bsp</b>
<b>00939</b>	<b>5/8 bsp x 3/4 bsp</b>
<b>00916</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>00925</b>	<b>3/4 bsp x 5/8 bsp</b>
<b>00909</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>00919</b>	<b>3/4 bsp x 1 bsp</b>
<b>00910</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>00911</b>	<b>3/4 bsp x 1-1/2 bsp</b>

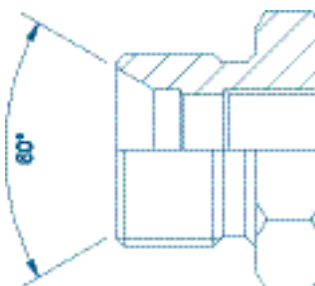
Code	Description
<b>00920</b>	<b>1 bsp x 3/4 bsp</b>
<b>00912</b>	<b>1 bsp x 1 bsp</b>
<b>00923</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>00927</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>00936</b>	<b>1 bsp x 2 bsp</b>
<b>00942</b>	<b>1 bsp x 3 bsp</b>
<b>00914</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>00930</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>00937</b>	<b>1-1/4 bsp x 2 bsp</b>
<b>00921</b>	<b>1-1/2 bsp x 1-1/4 bsp</b>
<b>00917</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>00943</b>	<b>1-1/2 bsp x 2 bsp</b>
<b>00915</b>	<b>2 bsp x 2 bsp</b>
<b>00935</b>	<b>2 bsp x 2-1/2 bsp</b>
<b>00944</b>	<b>2 bsp x 3 bsp</b>
<b>00926</b>	<b>2-1/2 bsp x 2-1/2 bsp</b>



## BSP male 60° cone x BSP fixed female bush

Code	Description
<b>16167</b>	<b>3/8 bsp x 1/8 bsp</b>
<b>16166</b>	<b>1/2 bsp x 1/8 bsp</b>
<b>16150</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>16151</b>	<b>5/8 bsp x 1/4 bsp</b>
<b>16152</b>	<b>3/4 bsp x 1/4 bsp</b>
<b>16153</b>	<b>3/4 bsp x 3/8 bsp</b>
<b>16156</b>	<b>1 bsp x 1/4 bsp</b>
<b>16168</b>	<b>1 bsp x 3/8 bsp</b>
<b>16157</b>	<b>1 bsp x 1/2 bsp</b>
<b>16147</b>	<b>1-1/4 bsp x 1/2 bsp</b>
<b>16158</b>	<b>1-1/4 bsp x 3/4 bsp</b>
<b>16162</b>	<b>1-1/4 bsp x 1 bsp</b>
<b>16529</b>	<b>1-1/2 bsp x 1/4 bsp</b>
<b>16149</b>	<b>1-1/2 bsp x 1/2 bsp</b>
<b>16159</b>	<b>1-1/2 bsp x 3/4 bsp</b>
<b>16160</b>	<b>1-1/2 bsp x 1 bsp</b>
<b>16527</b>	<b>2 bsp x 1/4 bsp</b>
<b>16528</b>	<b>2 bsp x 3/8 bsp</b>

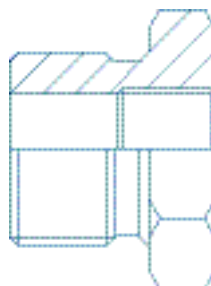
Code	Description
<b>16146</b>	<b>2 bsp x 1/2 bsp</b>
<b>16526</b>	<b>2 bsp x 3/4 bsp</b>
<b>16161</b>	<b>2 bsp x 1 bsp</b>
<b>16164</b>	<b>2 bsp x 1-1/4 bsp</b>
<b>16163</b>	<b>2 bsp x 1-1/2 bsp</b>
<b>16165</b>	<b>2-1/2 bsp x 1-1/2 bsp</b>
<b>16154</b>	<b>2-1/2 bsp x 2 bsp</b>
<b>16148-16B</b>	<b>3 bsp x 1 bsp</b>
<b>16148</b>	<b>3 bsp x 1-1/2 bsp</b>
<b>16155</b>	<b>3 bsp x 2 bsp</b>



## BSP male x BSP fixed female bush NOT CONED

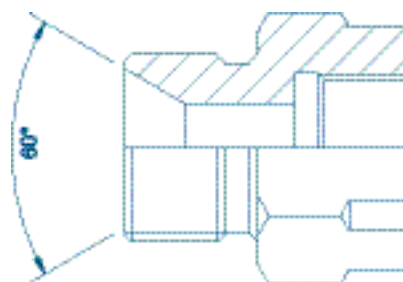
Code	Description
<b>00780</b>	<b>3/8 bsp x 1/8 bsp</b>
<b>00781</b>	<b>1/2 bsp x 1/8 bsp</b>
<b>00782</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>00783</b>	<b>5/8 bsp x 1/4 bsp</b>
<b>00784</b>	<b>5/8 bsp x 3/8 bsp</b>
<b>00785</b>	<b>3/4 bsp x 1/8 bsp</b>
<b>00786</b>	<b>3/4 bsp x 1/4 bsp</b>
<b>00787</b>	<b>3/4 bsp x 3/8 bsp</b>
<b>00788</b>	<b>1 bsp x 1/4 bsp</b>
<b>00789</b>	<b>1 bsp x 3/8 bsp</b>
<b>00790</b>	<b>1 bsp x 1/2 bsp</b>
<b>00791</b>	<b>1 bsp x 5/8 bsp</b>
<b>00792</b>	<b>1-1/4 bsp x 1/4 bsp</b>
<b>00793</b>	<b>1-1/4 bsp x 3/8 bsp</b>
<b>00794</b>	<b>1-1/4 bsp x 1/2 bsp</b>
<b>00795</b>	<b>1-1/4 bsp x 3/4 bsp</b>
<b>00796</b>	<b>1-1/4 bsp x 1 bsp</b>
<b>00797</b>	<b>1-1/2 bsp x 1/4 bsp</b>
<b>00798</b>	<b>1-1/2 bsp x 3/8 bsp</b>
<b>00799</b>	<b>1-1/2 bsp x 1/2 bsp</b>
<b>00800</b>	<b>1-1/2 bsp x 5/8 bsp</b>
<b>00801</b>	<b>1-1/2 bsp x 3/4 bsp</b>
<b>00802</b>	<b>1-1/2 bsp x 1 bsp</b>

Code	Description
<b>00803</b>	<b>2 bsp x 1/4 bsp</b>
<b>00804</b>	<b>2 bsp x 3/8 bsp</b>
<b>00805</b>	<b>2 bsp x 1/2 bsp</b>
<b>00806</b>	<b>2 bsp x 5/8 bsp</b>
<b>00807</b>	<b>2 bsp x 3/4 bsp</b>
<b>00808</b>	<b>2 bsp x 1 bsp</b>
<b>00809</b>	<b>2 bsp x 1-1/4 bsp</b>
<b>00810</b>	<b>2 bsp x 1-1/2 bsp</b>



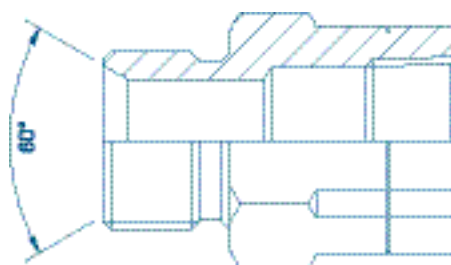
## BSP male x BSP fixed female GAUGE

Code	Description
<b>13309</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>13310</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>13311</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>13312</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>13300</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>13304</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>13307</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>13313</b>	<b>3/8 bsp x 1/8 bsp</b>
<b>13308</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>13301</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>13303</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>13305</b>	<b>1/2 bsp x 1/4 bsp</b>
<b>13306</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>13302</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>13314</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>13315</b>	<b>1/2 bsp x 1 bsp</b>
<b>13316</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>13317</b>	<b>1 bsp x 3/4 bsp</b>



## BSP male x NPTF fixed female extended

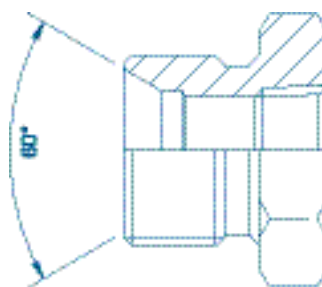
Code	Description
<b>16060</b>	<b>1/8 bsp x 1/8 nptf</b>
<b>16064</b>	<b>1/8 bsp x 1/4 nptf</b>
<b>16061</b>	<b>1/4 bsp x 1/8 nptf</b>
<b>16062</b>	<b>1/4 bsp x 1/4 nptf</b>
<b>16073</b>	<b>1/4 bsp x 3/8 nptf</b>
<b>16085</b>	<b>1/4 bsp x 1/2 nptf</b>
<b>16072</b>	<b>3/8 bsp x 1/4 nptf</b>
<b>16063</b>	<b>3/8 bsp x 3/8 nptf</b>
<b>16065</b>	<b>1/2 bsp x 3/8 nptf</b>
<b>16066</b>	<b>1/2 bsp x 1/2 nptf</b>
<b>16082</b>	<b>1/2 bsp x 3/4 nptf</b>
<b>16067</b>	<b>3/4 bsp x 3/4 nptf</b>
<b>16076</b>	<b>3/4 bsp x 1 nptf</b>
<b>16083</b>	<b>1 bsp x 3/4 nptf</b>
<b>16068</b>	<b>1 bsp x 1 nptf</b>
<b>16084</b>	<b>1 bsp x 1-1/2 nptf</b>
<b>16069</b>	<b>1-1/4 bsp x 1-1/4 nptf</b>
<b>16088</b>	<b>1-1/4 bsp x 1-1/2 nptf</b>
<b>16075</b>	<b>1-1/2 bsp x 1-1/4 nptf</b>
<b>16070</b>	<b>1-1/2 bsp x 1-1/2 nptf</b>
<b>16071</b>	<b>2 bsp x 2 nptf</b>



## BSP male 60° cone x NPTF fixed female bush

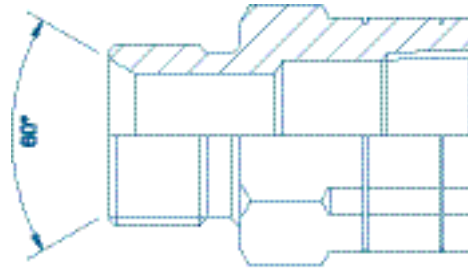
Code	Description
<b>16501</b>	<b>3/8 bsp x 1/8 nptf</b>
<b>16500</b>	<b>1/2 bsp x 1/8 nptf</b>
<b>16502</b>	<b>1/2 bsp x 1/4 nptf</b>
<b>16507</b>	<b>3/4 bsp x 1/4 nptf</b>
<b>16508</b>	<b>3/4 bsp x 3/8 nptf</b>
<b>16505</b>	<b>1 bsp x 1/8 nptf</b>
<b>16511</b>	<b>1 bsp x 1/4 nptf</b>
<b>16512</b>	<b>1 bsp x 3/8 nptf</b>
<b>16513</b>	<b>1 bsp x 1/2 nptf</b>
<b>16564</b>	<b>1-1/4 bsp x 1/4 nptf</b>
<b>16517</b>	<b>1-1/4 bsp x 1/2 nptf</b>
<b>16518</b>	<b>1-1/4 bsp x 3/4 nptf</b>
<b>16519</b>	<b>1-1/4 bsp x 1 nptf</b>
<b>16563</b>	<b>1-1/2 bsp x 1/2 nptf</b>
<b>16553</b>	<b>1-1/2 bsp x 3/4 nptf</b>
<b>16525</b>	<b>1-1/2 bsp x 1 nptf</b>
<b>16555</b>	<b>2 bsp x 3/8 nptf</b>
<b>16554</b>	<b>2 bsp x 1/2 nptf</b>
<b>16530</b>	<b>2 bsp x 3/4 nptf</b>
<b>16561</b>	<b>2 bsp x 1 nptf</b>
<b>16565</b>	<b>2 bsp x 1-1/4 nptf</b>

Code	Description
<b>16550</b>	<b>2-1/2 bsp x 1-1/2 nptf</b>
<b>16551</b>	<b>2-1/2 bsp x 2 nptf</b>
<b>16503</b>	<b>3 bsp x 1-1/2 nptf</b>
<b>16560</b>	<b>3 bsp x 2 nptf</b>



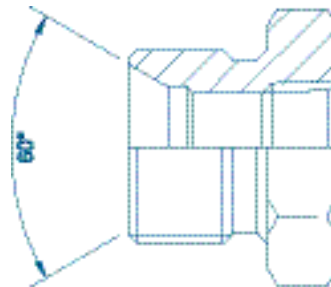
## BSP male x BSPT fixed female extended

Code	Description
<b>16091</b>	<b>1/4 bsp x 1/8 bspt</b>
<b>16090</b>	<b>1/4 bsp x 1/4 bspt</b>
<b>16108</b>	<b>1/4 bsp x 3/8 bspt</b>
<b>16092</b>	<b>3/8 bsp x 1/4 bspt</b>
<b>16093</b>	<b>3/8 bsp x 3/8 bspt</b>
<b>16089</b>	<b>3/8 bsp x 1/2 bspt</b>
<b>16106</b>	<b>1/2 bsp x 3/8 bspt</b>
<b>16094</b>	<b>1/2 bsp x 1/2 bspt</b>
<b>16102</b>	<b>3/4 bsp x 1/2 bspt</b>
<b>16095</b>	<b>3/4 bsp x 3/4 bspt</b>
<b>16103</b>	<b>3/4 bsp x 1 bspt</b>
<b>16107</b>	<b>1 bsp x 3/4 bspt</b>
<b>16096</b>	<b>1 bsp x 1 bspt</b>
<b>16097</b>	<b>1-1/4 bsp x 1-1/4 bspt</b>
<b>16098</b>	<b>1-1/2 bsp x 1-1/2 bspt</b>
<b>16101</b>	<b>2 bsp x 2 bspt</b>



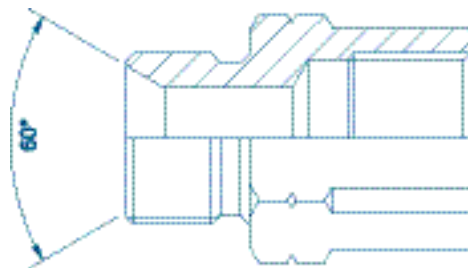
## BSP male 60° cone x BSPT fixed female bush

Code	Description
<b>16601</b>	<b>1/2 bsp x 1/4 bspt</b>
<b>16605</b>	<b>1 bsp x 1/4 bspt</b>
<b>16606</b>	<b>1 bsp x 3/8 bspt</b>
<b>16607</b>	<b>1 bsp x 1/2 bspt</b>



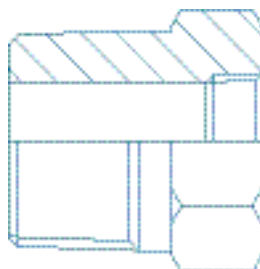
## BSP male x METRIC fixed female extended 1.5mm pitch

Code	Description
<b>19803</b>	<b>1/4 bsp x 12 mm</b>
<b>19804</b>	<b>1/4 bsp x 14 mm</b>
<b>19800</b>	<b>1/2 bsp x 16 mm</b>
<b>19801</b>	<b>1/2 bsp x 22 mm</b>
<b>19802</b>	<b>3/4 bsp x 22 mm</b>



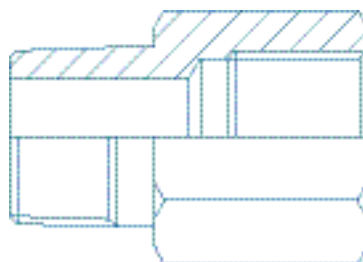
## BSPT male x BSPT fixed female bush

Code	Description
<b>16180</b>	<b>1/4</b> bspt x <b>1/8</b> bspt
<b>16181</b>	<b>3/8</b> bspt x <b>1/8</b> bspt
<b>16182</b>	<b>3/8</b> bspt x <b>1/4</b> bspt
<b>16183</b>	<b>1/2</b> bspt x <b>1/4</b> bspt
<b>16184</b>	<b>1/2</b> bspt x <b>3/8</b> bspt
<b>16185</b>	<b>3/4</b> bspt x <b>1/4</b> bspt
<b>16186</b>	<b>3/4</b> bspt x <b>3/8</b> bspt
<b>16187</b>	<b>3/4</b> bspt x <b>1/2</b> bspt
<b>16196</b>	<b>1</b> bspt x <b>1/4</b> bspt
<b>16188</b>	<b>1</b> bspt x <b>3/8</b> bspt
<b>16190</b>	<b>1</b> bspt x <b>1/2</b> bspt
<b>16191</b>	<b>1</b> bspt x <b>3/4</b> bspt
<b>16206</b>	<b>1-1/4</b> bspt x <b>1/2</b> bspt
<b>16209</b>	<b>1-1/4</b> bspt x <b>1</b> bspt
<b>16195</b>	<b>1-1/2</b> bspt x <b>1/2</b> bspt
<b>16193</b>	<b>1-1/2</b> bspt x <b>1</b> bspt
<b>16189</b>	<b>2</b> bspt x <b>1/2</b> bspt
<b>16197</b>	<b>2</b> bspt x <b>3/4</b> bspt
<b>16198</b>	<b>2</b> bspt x <b>1</b> bspt
<b>16208</b>	<b>2</b> bspt x <b>1-1/4</b> bspt
<b>16192</b>	<b>2</b> bspt x <b>1-1/2</b> bspt
<b>16199</b>	<b>3</b> bspt x <b>2-1/2</b> bspt



## BSPT male x BSP fixed female extended

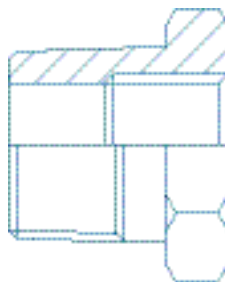
Code	Description
<b>16119</b>	<b>1/8</b> bspt x <b>1/4</b> bsp
<b>16135</b>	<b>1/4</b> bspt x <b>1/8</b> bsp
<b>16120</b>	<b>1/4</b> bspt x <b>1/4</b> bsp
<b>16118</b>	<b>1/4</b> bspt x <b>1/2</b> bsp
<b>16129</b>	<b>3/8</b> bspt x <b>3/8</b> bsp
<b>16114</b>	<b>3/8</b> bspt x <b>1/2</b> bsp
<b>16139</b>	<b>1/2</b> bspt x <b>3/8</b> bsp
<b>16130</b>	<b>1/2</b> bspt x <b>1/2</b> bsp
<b>16131</b>	<b>3/4</b> bspt x <b>3/4</b> bsp
<b>16132</b>	<b>1</b> bspt x <b>1</b> bsp
<b>16133</b>	<b>1-1/4</b> bspt x <b>1-1/4</b> bsp
<b>16134</b>	<b>1-1/2</b> bspt x <b>1-1/2</b> bsp
<b>16140</b>	<b>2</b> bspt x <b>2</b> bsp



## BSPT male x BSP fixed female bush

Code	Description
<b>16121</b>	<b>3/8</b> bspt x <b>1/8</b> bsp
<b>16122</b>	<b>3/8</b> bspt x <b>1/4</b> bsp
<b>16125</b>	<b>1/2</b> bspt x <b>1/4</b> bsp
<b>16123</b>	<b>3/4</b> bspt x <b>1/4</b> bsp
<b>16124</b>	<b>3/4</b> bspt x <b>3/8</b> bsp
<b>16137</b>	<b>3/4</b> bspt x <b>1/2</b> bsp
<b>16126</b>	<b>1</b> bspt x <b>1/4</b> bsp
<b>16117</b>	<b>1</b> bspt x <b>3/8</b> bsp
<b>16127</b>	<b>1</b> bspt x <b>1/2</b> bsp
<b>16128</b>	<b>1</b> bspt x <b>3/4</b> bsp
<b>16133-08B</b>	<b>1-1/4</b> bspt x <b>1/2</b> bsp
<b>16133-12B</b>	<b>1-1/4</b> bspt x <b>3/4</b> bsp
<b>16136</b>	<b>1-1/4</b> bspt x <b>1</b> bsp
<b>16142</b>	<b>1-1/2</b> bspt x <b>1/2</b> bsp
<b>16143</b>	<b>1-1/2</b> bspt x <b>3/4</b> bsp

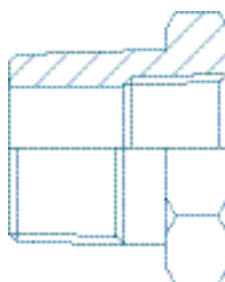
Code	Description
<b>16144</b>	<b>1-1/2</b> bspt x <b>1</b> bsp
<b>16138</b>	<b>1-1/2</b> bspt x <b>1-1/4</b> bsp
<b>16115</b>	<b>2</b> bspt x <b>1/2</b> bsp
<b>16141</b>	<b>2</b> bspt x <b>3/4</b> bsp
<b>16140-16B</b>	<b>2</b> bspt x <b>1</b> bsp
<b>16140-20B</b>	<b>2</b> bspt x <b>1-1/4</b> bsp
<b>16116</b>	<b>2</b> bspt x <b>1-1/2</b> bsp



## BSPT male x NPTF fixed female bush

Code	Description
<b>18200</b>	<b>1/4</b> bspt x <b>1/8</b> nptf
<b>18201</b>	<b>3/8</b> bspt x <b>1/8</b> nptf
<b>18218</b>	<b>1/2</b> bspt x <b>1/4</b> nptf
<b>18225</b>	<b>3/4</b> bspt x <b>1/4</b> nptf
<b>18208</b>	<b>3/4</b> bspt x <b>3/8</b> nptf
<b>18204</b>	<b>3/4</b> bspt x <b>1/2</b> nptf
<b>18209</b>	<b>1</b> bspt x <b>1/4</b> nptf
<b>18228</b>	<b>1</b> bspt x <b>1/2</b> nptf
<b>18215</b>	<b>1-1/2</b> bspt x <b>3/4</b> nptf
<b>18210</b>	<b>1-1/2</b> bspt x <b>1</b> nptf
<b>18216</b>	<b>2</b> bspt x <b>3/4</b> nptf

Code	Description
<b>18229</b>	<b>2</b> bspt x <b>1</b> nptf
<b>18223</b>	<b>2</b> bspt x <b>1-1/4</b> nptf
<b>18203</b>	<b>2-1/2</b> bspt x <b>2</b> nptf



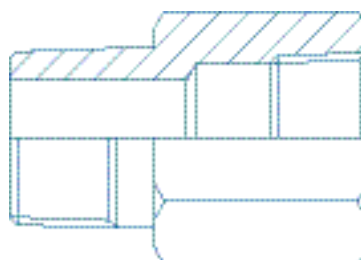
Other sizes in this range may be available on request.

## BSPT male x NPTF fixed female extended

Code	Description
<b>18205</b>	<b>1/8</b> bspt x <b>1/8</b> nptf
<b>18206</b>	<b>1/4</b> bspt x <b>1/4</b> nptf
<b>18220</b>	<b>1/4</b> bspt x <b>3/8</b> nptf
<b>18219</b>	<b>1/4</b> bspt x <b>1/2</b> nptf
<b>18207</b>	<b>3/8</b> bspt x <b>3/8</b> nptf
<b>18221</b>	<b>1/2</b> bspt x <b>3/8</b> nptf
<b>18222</b>	<b>1/2</b> bspt x <b>1/2</b> nptf
<b>18211</b>	<b>3/4</b> bspt x <b>3/4</b> nptf
<b>18212</b>	<b>1</b> bspt x <b>3/4</b> nptf
<b>18217</b>	<b>1</b> bspt x <b>1</b> nptf
<b>18226</b>	<b>1-1/2</b> bspt x <b>1-1/2</b> nptf

Code	Description
<b>18213</b>	<b>2</b> bspt x <b>1-1/2</b> nptf
<b>18214</b>	<b>2</b> bspt x <b>2</b> nptf
<b>18224</b>	<b>2-1/2</b> bspt x <b>2-1/2</b> nptf

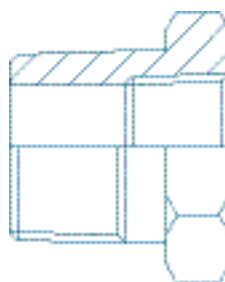
Other sizes in this range may be available on request.



## NPTF male x NPTF fixed female bush

Code	Description
<b>01001</b>	<b>1/4 nptf x 1/8 nptf</b>
<b>01002</b>	<b>3/8 nptf x 1/8 nptf</b>
<b>01003</b>	<b>3/8 nptf x 1/4 nptf</b>
<b>01018</b>	<b>1/2 nptf x 1/8 nptf</b>
<b>01004</b>	<b>1/2 nptf x 1/4 nptf</b>
<b>01005</b>	<b>1/2 nptf x 3/8 nptf</b>
<b>01032</b>	<b>3/4 nptf x 1/8 nptf</b>
<b>01006</b>	<b>3/4 nptf x 1/4 nptf</b>
<b>01007</b>	<b>3/4 nptf x 3/8 nptf</b>
<b>01008</b>	<b>3/4 nptf x 1/2 nptf</b>
<b>01022</b>	<b>1 nptf x 1/4 nptf</b>
<b>01011</b>	<b>1 nptf x 3/8 nptf</b>
<b>01009</b>	<b>1 nptf x 1/2 nptf</b>
<b>01010</b>	<b>1 nptf x 3/4 nptf</b>
<b>01023</b>	<b>1-1/4 nptf x 1/4 nptf</b>
<b>01025</b>	<b>1-1/4 nptf x 3/8 nptf</b>
<b>01026</b>	<b>1-1/4 nptf x 1/2 nptf</b>
<b>01019</b>	<b>1-1/4 nptf x 3/4 nptf</b>
<b>01012</b>	<b>1-1/4 nptf x 1 nptf</b>
<b>01024</b>	<b>1-1/2 nptf x 1/4 nptf</b>
<b>01027</b>	<b>1-1/2 nptf x 3/8 nptf</b>
<b>01028</b>	<b>1-1/2 nptf x 1/2 nptf</b>
<b>01013</b>	<b>1-1/2 nptf x 3/4 nptf</b>

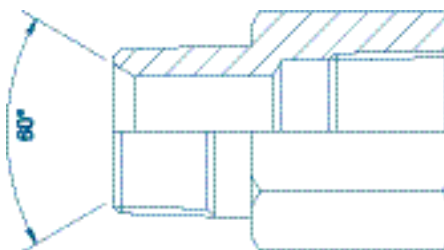
Code	Description
<b>01015</b>	<b>1-1/2 nptf x 1 nptf</b>
<b>01021</b>	<b>1-1/2 nptf x 1-1/4 nptf</b>
<b>01031</b>	<b>2 nptf x 1/4 nptf</b>
<b>01035</b>	<b>2 nptf x 3/8 nptf</b>
<b>01030</b>	<b>2 nptf x 1/2 nptf</b>
<b>01029</b>	<b>2 nptf x 3/4 nptf</b>
<b>01014</b>	<b>2 nptf x 1 nptf</b>
<b>01017</b>	<b>2 nptf x 1-1/4 nptf</b>
<b>01016</b>	<b>2 nptf x 1-1/2 nptf</b>
<b>01038</b>	<b>2-1/2 nptf x 1-1/4 nptf</b>
<b>01033</b>	<b>2-1/2 nptf x 2 nptf</b>
<b>01037</b>	<b>3 nptf x 1-1/4 nptf</b>
<b>01036</b>	<b>3 nptf x 2 nptf</b>



## NPTF male x NPTF fixed female extended

Code	Description
<b>00820</b>	<b>1/8 nptf x 1/8 nptf</b>
<b>00821</b>	<b>1/8 nptf x 1/4 nptf</b>
<b>00822</b>	<b>1/4 nptf x 1/4 nptf</b>
<b>00823</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>00843</b>	<b>1/4 nptf x 1 nptf</b>
<b>00857</b>	<b>3/8 nptf x 1/4 nptf</b>
<b>00824</b>	<b>3/8 nptf x 3/8 nptf</b>
<b>00842</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>00841</b>	<b>3/8 nptf x 3/4 nptf</b>
<b>00854</b>	<b>3/8 nptf x 1 nptf</b>
<b>00826</b>	<b>1/2 nptf x 1/2 nptf</b>
<b>00850</b>	<b>1/2 nptf x 3/4 nptf</b>
<b>00837</b>	<b>1/2 nptf x 1 nptf</b>
<b>00829</b>	<b>3/4 nptf x 3/4 nptf</b>
<b>00844</b>	<b>3/4 nptf x 1 nptf</b>
<b>00849</b>	<b>3/4 nptf x 1-1/4 nptf</b>
<b>00831</b>	<b>1 nptf x 1 nptf</b>
<b>00825</b>	<b>1 nptf x 1-1/4 nptf</b>
<b>00851</b>	<b>1 nptf x 1-1/2 nptf</b>
<b>00852</b>	<b>1 nptf x 2 nptf</b>

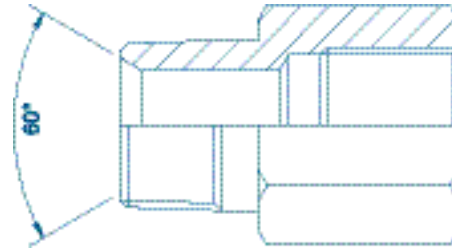
Code	Description
<b>00833</b>	<b>1-1/4 nptf x 1-1/4 nptf</b>
<b>00834</b>	<b>1-1/4 nptf x 1-1/2 nptf</b>
<b>00828</b>	<b>1-1/4 nptf x 2 nptf</b>
<b>00839</b>	<b>1-1/2 nptf x 1-1/2 nptf</b>
<b>00840</b>	<b>1-1/2 nptf x 2 nptf</b>
<b>00835</b>	<b>2 nptf x 2 nptf</b>
<b>00853</b>	<b>2 nptf x 2-1/2 nptf</b>
<b>00855</b>	<b>2-1/2 nptf x 2-1/2 nptf</b>





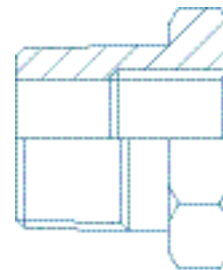
## NPTF male x BSP fixed female extended

Code	Description
<b>16170</b>	<b>1/8 nptf x 1/8 bsp</b>
<b>16178</b>	<b>1/8 nptf x 1/4 bsp</b>
<b>16171</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>16173</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>16172</b>	<b>1/2 nptf x 3/8 bsp</b>
<b>16174</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>16175</b>	<b>3/4 nptf x 3/4 bsp</b>
<b>16176</b>	<b>1 nptf x 1 bsp</b>
<b>16169</b>	<b>1-1/4 nptf x 1-1/4 bsp</b>
<b>16366</b>	<b>1-1/2 nptf x 1-1/4 bsp</b>
<b>16179</b>	<b>1-1/2 nptf x 1-1/2 bsp</b>
<b>16177</b>	<b>2 nptf x 2 bsp</b>



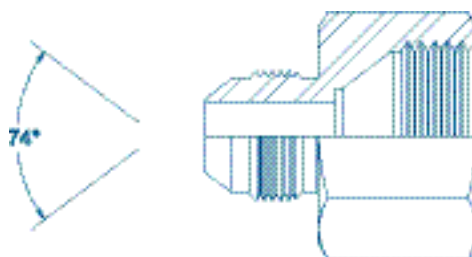
## NPTF male x BSP fixed female bush

Code	Description
<b>16350</b>	<b>1/4 nptf x 1/8 bsp</b>
<b>16351</b>	<b>3/8 nptf x 1/4 bsp</b>
<b>16352</b>	<b>1/2 nptf x 1/4 bsp</b>
<b>16354</b>	<b>3/4 nptf x 1/4 bsp</b>
<b>16355</b>	<b>3/4 nptf x 3/8 bsp</b>
<b>16356</b>	<b>3/4 nptf x 1/2 bsp</b>
<b>16357</b>	<b>1 nptf x 1/4 bsp</b>
<b>16358</b>	<b>1 nptf x 3/8 bsp</b>
<b>16359</b>	<b>1 nptf x 1/2 bsp</b>
<b>16360</b>	<b>1 nptf x 3/4 bsp</b>
<b>16374</b>	<b>1-1/4 nptf x 1/4 bsp</b>
<b>16367</b>	<b>1-1/4 nptf x 1/2 bsp</b>
<b>16372</b>	<b>1-1/4 nptf x 3/4 bsp</b>
<b>16369</b>	<b>1-1/4 nptf x 1 bsp</b>
<b>16375</b>	<b>1-1/2 nptf x 1/2 bsp</b>
<b>16370</b>	<b>1-1/2 nptf x 3/4 bsp</b>
<b>16368</b>	<b>1-1/2 nptf x 1 bsp</b>
<b>16365</b>	<b>2 nptf x 1 bsp</b>
<b>16362</b>	<b>2 nptf x 1-1/4 bsp</b>
<b>16373</b>	<b>2 nptf x 1-1/2 bsp</b>
<b>16361</b>	<b>2-1/2 nptf x 1-1/2 bsp</b>
<b>16349</b>	<b>2-1/2 nptf x 2 bsp</b>
<b>16364</b>	<b>3 nptf x 1 bsp</b>
<b>16371</b>	<b>3 nptf x 1-1/4 bsp</b>
<b>16363</b>	<b>3 nptf x 2 bsp</b>



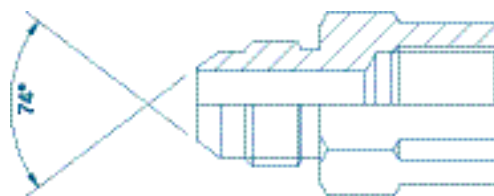
## JIC male x JIC fixed female extended

Code	Description
<b>4015-04-06</b>	<b>7/16 jic x 9/16 jic</b>
<b>4015-04-08</b>	<b>7/16 jic x 3/4 jic</b>
<b>4015-04-12</b>	<b>7/16 jic x 1-1/16 jic</b>
<b>4015-06-08</b>	<b>9/16 jic x 3/4 jic</b>
<b>4015-06-10</b>	<b>9/16 jic x 7/8 jic</b>
<b>4015-06-14</b>	<b>9/16 jic x 1-3/16 jic</b>
<b>4015-08-10</b>	<b>3/4 jic x 7/8 jic</b>
<b>4015-08-12</b>	<b>3/4 jic x 1-1/16 jic</b>
<b>4015-08-16</b>	<b>3/4 jic x 1-5/16 jic</b>
<b>4015-12-16</b>	<b>1-1/16 jic x 1-5/16 jic</b>
<b>4015-16-20</b>	<b>1-5/16 jic x 1-5/8 jic</b>
<b>4015-16-24</b>	<b>1-5/16 jic x 1-7/8 jic</b>



## JIC male x BSP fixed female extended

Code	Description
<b>17004</b>	<b>7/16 jic x 1/8 bsp</b>
<b>17001</b>	<b>7/16 jic x 1/4 bsp</b>
<b>17002</b>	<b>7/16 jic x 3/8 bsp</b>
<b>17000</b>	<b>9/16 jic x 1/4 bsp</b>
<b>17010</b>	<b>9/16 jic x 3/8 bsp</b>
<b>17012</b>	<b>9/16 jic x 1/2 bsp</b>
<b>17003</b>	<b>3/4 jic x 3/8 bsp</b>
<b>17005</b>	<b>3/4 jic x 1/2 bsp</b>
<b>17013</b>	<b>3/4 jic x 5/8 bsp</b>
<b>17014</b>	<b>3/4 jic x 3/4 bsp</b>
<b>17009</b>	<b>7/8 jic x 1/2 bsp</b>
<b>17015</b>	<b>7/8 jic x 5/8 bsp</b>
<b>17016</b>	<b>7/8 jic x 3/4 bsp</b>
<b>17007</b>	<b>1-1/16 jic x 1/2 bsp</b>
<b>17008</b>	<b>1-1/16 jic x 3/4 bsp</b>
<b>17017</b>	<b>1-1/16 jic x 1 bsp</b>
<b>17006</b>	<b>1-5/16 jic x 1 bsp</b>
<b>17018</b>	<b>1-5/8 jic x 1-1/4 bsp</b>
<b>17019</b>	<b>1-7/8 jic x 1-1/2 bsp</b>
<b>17020</b>	<b>2-1/2 jic x 2 bsp</b>

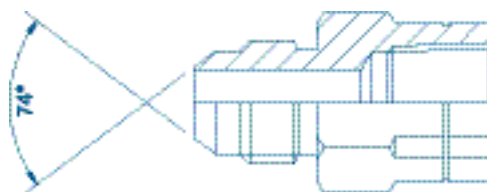


Other sizes in this range may be available on request.

## JIC male x NPTF fixed female extended

Code	Description
<b>16261</b>	<b>7/16</b> jic x <b>1/8</b> nptf
<b>16250</b>	<b>7/16</b> jic x <b>1/4</b> nptf
<b>16249</b>	<b>7/16</b> jic x <b>3/8</b> nptf
<b>16251</b>	<b>9/16</b> jic x <b>1/4</b> nptf
<b>16257</b>	<b>9/16</b> jic x <b>3/8</b> nptf
<b>16258</b>	<b>9/16</b> jic x <b>1/2</b> nptf
<b>16248</b>	<b>3/4</b> jic x <b>1/4</b> nptf
<b>16256</b>	<b>3/4</b> jic x <b>3/8</b> nptf
<b>16252</b>	<b>3/4</b> jic x <b>1/2</b> nptf
<b>16247</b>	<b>3/4</b> jic x <b>3/4</b> nptf
<b>16253</b>	<b>7/8</b> jic x <b>1/2</b> nptf
<b>16254</b>	<b>1-1/16</b> jic x <b>3/4</b> nptf
<b>16265</b>	<b>1-1/16</b> jic x <b>1</b> nptf
<b>16255</b>	<b>1-5/16</b> jic x <b>1</b> nptf
<b>16260</b>	<b>1-5/8</b> jic x <b>1-1/4</b> nptf
<b>16259</b>	<b>2-1/2</b> jic x <b>2</b> nptf

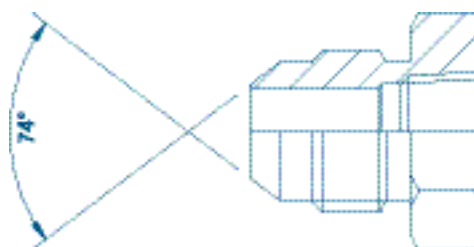
Other sizes in this range may be available on request.



## JIC male x NPTF fixed female bush

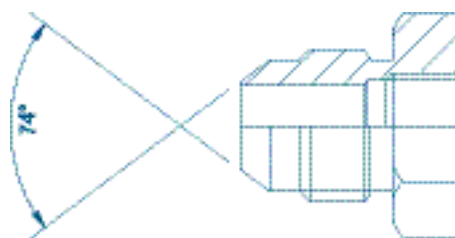
Code	Description
<b>17153</b>	<b>7/8</b> jic x <b>3/8</b> nptf
<b>17150</b>	<b>1-5/16</b> jic x <b>1/4</b> nptf
<b>17151</b>	<b>1-5/8</b> jic x <b>3/4</b> nptf
<b>17152</b>	<b>1-7/8</b> jic x <b>1</b> nptf

Other sizes in this range may be available on request.



## JIC male x BSP fixed female bush

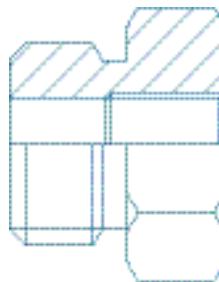
Code	Description
<b>17040</b>	<b>9/16</b> jic x <b>1/8</b> bsp
<b>17041</b>	<b>3/4</b> jic x <b>1/8</b> bsp
<b>17022</b>	<b>1-5/8</b> jic x <b>1/2</b> bsp
<b>17042</b>	<b>1-5/8</b> jic x <b>1</b> bsp
<b>17023</b>	<b>1-7/8</b> jic x <b>1/2</b> bsp
<b>17024</b>	<b>2-1/2</b> jic x <b>1/2</b> bsp
<b>17021</b>	<b>2-1/2</b> jic x <b>1</b> bsp



## SAE O'ring boss male x BSP fixed female bush

Code	Description
<b>17200</b>	<b>3/4</b> sorb x <b>1/8</b> bsp
<b>17202</b>	<b>1-3/16</b> sorb x <b>3/8</b> bsp
<b>17207</b>	<b>1-5/16</b> sorb x <b>1/4</b> bsp
<b>17201</b>	<b>1-5/16</b> sorb x <b>3/8</b> bsp

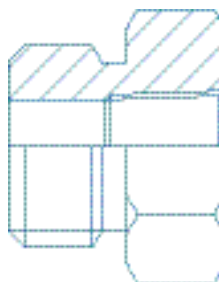
Other sizes in this range may be available on request.



## SAE O'ring boss male x NPTF fixed female bush

Code	Description
<b>17300</b>	<b>3/4</b> sorb x <b>1/8</b> nptf
<b>17301</b>	<b>1-1/16</b> sorb x <b>3/8</b> nptf

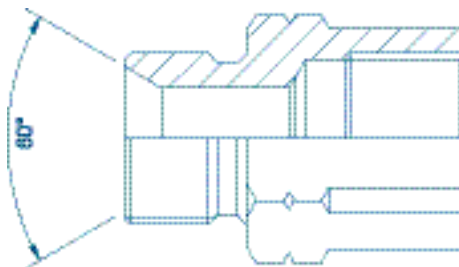
Other sizes in this range may be available on request.



## METRIC male x METRIC fixed female extended 1.5mm pitch

Code	Description
<b>17409</b>	<b>12</b> mm x <b>12</b> mm
<b>17402</b>	<b>14</b> mm x <b>14</b> mm
<b>17403</b>	<b>14</b> mm x <b>16</b> mm
<b>17400</b>	<b>16</b> mm x <b>12</b> mm
<b>17405</b>	<b>16</b> mm x <b>18</b> mm
<b>17404</b>	<b>16</b> mm x <b>20</b> mm
<b>17401</b>	<b>16</b> mm x <b>22</b> mm
<b>17406</b>	<b>22</b> mm x <b>16</b> mm
<b>17407</b>	<b>24</b> mm x <b>18</b> mm

Other sizes in this range may be available on request.



## METRIC male 1.5mm pitch x BSP fixed female bush

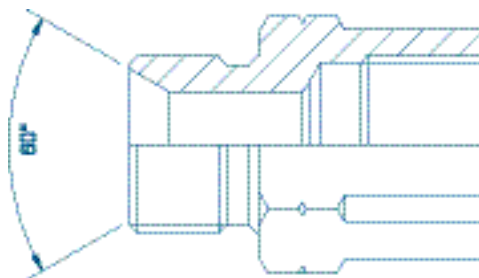
Code	Description
<b>17450</b>	<b>16 mm x 1/8 bsp</b>
<b>17454</b>	<b>18 mm x 1/4 bsp</b>
<b>17462</b>	<b>20 mm x 1/4 bsp</b>
<b>17463</b>	<b>22 mm x 1/8 bsp</b>
<b>17451</b>	<b>22 mm x 1/4 bsp</b>
<b>17452</b>	<b>22 mm x 3/8 bsp</b>
<b>17470</b>	<b>24 mm x 1/4 bsp</b>
<b>17461</b>	<b>26 mm x 1/4 bsp</b>
<b>17464</b>	<b>26 mm x 3/8 bsp</b>
<b>17467</b>	<b>30 mm x 1/2 bsp</b>



Other sizes in this range may be available on request.

## METRIC male 1.5mm pitch x BSP fixed female extended

Code	Description
<b>17456</b>	<b>12 mm x 3/8 bsp</b>
<b>17457</b>	<b>12 mm x 1/2 bsp</b>
<b>17458</b>	<b>16 mm x 3/8 bsp</b>
<b>17455</b>	<b>16 mm x 1/2 bsp</b>
<b>17459</b>	<b>18 mm x 1/4 bsp</b>
<b>17465</b>	<b>18 mm x 3/8 bsp</b>
<b>17460</b>	<b>22 mm x 1/2 bsp</b>
<b>17453</b>	<b>26 mm x 1/2 bsp</b>



Other sizes in this range may be available on request.

## METRIC male 1.5mm pitch x NPTF fixed female bush

Code	Description
<b>17500</b>	<b>16 mm x 1/8 nptf</b>
<b>17501</b>	<b>16 mm x 1/4 nptf</b>
<b>17502</b>	<b>18 mm x 1/8 nptf</b>
<b>17512</b>	<b>22 mm x 1/8 nptf</b>
<b>17509</b>	<b>22 mm x 1/4 nptf</b>
<b>17503</b>	<b>24 mm x 3/8 nptf</b>
<b>17513</b>	<b>26 mm x 1/8 nptf</b>
<b>17505</b>	<b>26 mm x 3/8 nptf</b>



Other sizes in this range may be available on request.

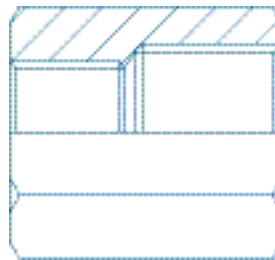
## BSP fixed female x BSP fixed female

Code	Description
<b>09000</b>	<b>1/8 bsp</b>
<b>09002</b>	<b>1/4 bsp</b>
<b>09004</b>	<b>3/8 bsp</b>
<b>09005</b>	<b>1/2 bsp</b>
<b>09009</b>	<b>5/8 bsp</b>
<b>09010</b>	<b>3/4 bsp</b>
<b>09011</b>	<b>1 bsp</b>
<b>09012</b>	<b>1-1/4 bsp</b>
<b>09013</b>	<b>1-1/2 bsp</b>
<b>09014</b>	<b>2 bsp</b>
<b>09019</b>	<b>2-1/2 bsp</b>
<b>08998</b>	<b>3 bsp</b>



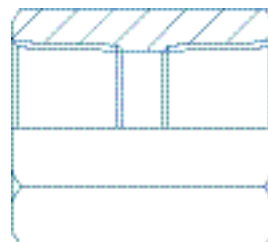
## BSP fixed female x BSP fixed female REDUCING

Code	Description
<b>09001</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>08996</b>	<b>1/8 bsp x 3/8 bsp</b>
<b>08995</b>	<b>1/8 bsp x 1/2 bsp</b>
<b>09003</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>09016</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>09024</b>	<b>1/4 bsp x 3/4 bsp</b>
<b>09006</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>09021</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>09008</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>09007</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>09017</b>	<b>1/2 bsp x 1 bsp</b>
<b>09015</b>	<b>3/4 bsp x 1 bsp</b>
<b>08997</b>	<b>3/4 bsp x 1-1/4 bsp</b>
<b>09018</b>	<b>1 bsp x 1-1/4 bsp</b>
<b>09023</b>	<b>1 bsp x 1-1/2 bsp</b>
<b>09022</b>	<b>1-1/4 bsp x 1-1/2 bsp</b>
<b>09020</b>	<b>1-1/2 bsp x 2 bsp</b>



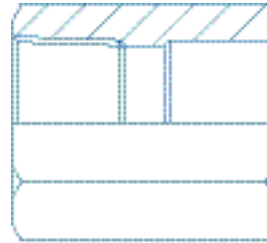
## BSPT fixed female x BSPT fixed female

Code	Description
<b>90201</b>	<b>1/4 bspt</b>
<b>90205</b>	<b>3/4 bspt</b>
<b>90206</b>	<b>1 bspt</b>



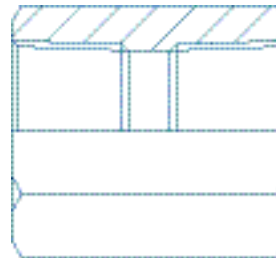
## NPTF fixed female x BSP fixed female

Code	Description
<b>90051</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>90052</b>	<b>1/4 nptf x 3/8 bsp</b>
<b>90056</b>	<b>1/4 nptf x 1/2 bsp</b>
<b>90058</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>90057</b>	<b>3/8 nptf x 1/2 bsp</b>
<b>90055</b>	<b>1/2 nptf x 3/8 bsp</b>
<b>90053</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>90054</b>	<b>1/2 nptf x 3/4 bsp</b>



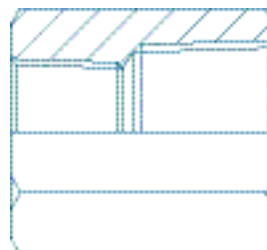
## NPTF fixed female x NPTF fixed female

Code	Description
<b>08095</b>	<b>1/8 nptf</b>
<b>08096</b>	<b>1/4 nptf</b>
<b>08094</b>	<b>3/8 nptf</b>
<b>08097</b>	<b>1/2 nptf</b>
<b>08099</b>	<b>3/4 nptf</b>
<b>08098</b>	<b>1 nptf</b>
<b>08101</b>	<b>1-1/4 nptf</b>
<b>08102</b>	<b>1-1/2 nptf</b>
<b>08093</b>	<b>2 nptf</b>
<b>08112</b>	<b>2-1/2 nptf</b>
<b>08089</b>	<b>3 nptf</b>



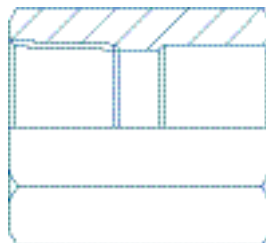
## NPTF fixed female x NPTF fixed female REDUCING

Code	Description
<b>08090</b>	<b>1/8 nptf x 1/4 nptf</b>
<b>08106</b>	<b>1/8 nptf x 3/8 nptf</b>
<b>08091</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>08103</b>	<b>1/4 nptf x 1/2 nptf</b>
<b>08100</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>08111</b>	<b>1/2 nptf x 3/4 nptf</b>
<b>08092</b>	<b>3/4 nptf x 1 nptf</b>
<b>08107</b>	<b>1 nptf x 1-1/4 nptf</b>
<b>08105</b>	<b>1 nptf x 1-1/2 nptf</b>
<b>08104</b>	<b>1 nptf x 2 nptf</b>
<b>08108</b>	<b>1-1/4 nptf x 1-1/2 nptf</b>



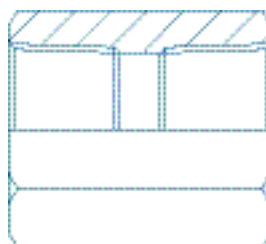
## NPTF fixed female x METRIC fixed female 1.5mm pitch

Code	Description
<b>90101</b>	<b>1/4 nptf x 12 mm</b>
<b>90102</b>	<b>1/4 nptf x 14 mm</b>
<b>90103</b>	<b>1/4 nptf x 16 mm</b>



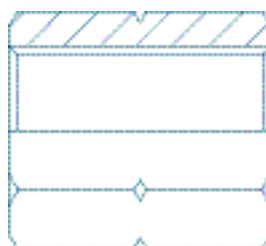
## NPTF fixed female x BSPT fixed female

Code	Description
<b>08401</b>	<b>3/8 nptf x 3/8 bspt</b>
<b>08402</b>	<b>1/2 nptf x 1/2 bspt</b>
<b>08403</b>	<b>3/4 nptf x 3/4 bspt</b>
<b>08404</b>	<b>1 nptf x 1 bspt</b>
<b>08405</b>	<b>1-1/4 nptf x 1-1/4 bspt</b>
<b>08406</b>	<b>1-1/2 nptf x 1-1/2 bspt</b>
<b>08407</b>	<b>2 nptf x 2 bspt</b>
<b>08408</b>	<b>2-1/2 nptf x 2-1/2 bspt</b>
<b>08409</b>	<b>3 nptf x 3 bspt</b>
<b>08410</b>	<b>4 nptf x 4 bspt</b>



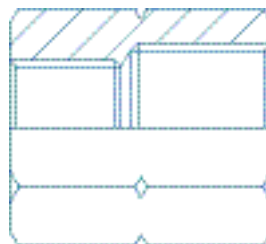
## METRIC fixed female x METRIC fixed female 1.5mm pitch

Code	Description
<b>19012</b>	<b>10 mm</b>
<b>19000</b>	<b>12 mm</b>
<b>19001</b>	<b>14 mm</b>
<b>19002</b>	<b>16 mm</b>
<b>19003</b>	<b>18 mm</b>
<b>19011</b>	<b>20 mm</b>
<b>19004</b>	<b>22 mm</b>



## METRIC fixed female x METRIC fixed female 1.5mm pitch REDUCING

Code	Description
<b>19009</b>	<b>16 mm x 12 mm</b>
<b>19010</b>	<b>22 mm x 16 mm</b>





## Contents Section 5

### Male Tees

<b>64</b>	BSP male tee cone seating
<b>64</b>	BSP male tee cone seating ENLARGING ON BRANCH
<b>64</b>	BSP male tee cone seating UNEQUAL
<b>64</b>	BSP male tee for bonded seal
<b>65</b>	BSP male tee for bonded seal REDUCING ON BRANCH
<b>65</b>	BSP male tee for bonded seal ENLARGING ON BRANCH
<b>65</b>	BSP male UNEQUAL tee for bonded seal
<b>66</b>	BSP male tee for bonded seal HEXAGON INSERT
<b>66</b>	NPTF male tee
<b>66</b>	JIC male tee
<b>67</b>	JIC male tee ENLARGING ON BRANCH

### Male x Male x Female Tees

<b>67</b>	BSP male x BSP male x BSP swivel female branch tee
<b>67</b>	BSP male x BSP male x BSP swivel female branch tee REDUCING ON BRANCH
<b>67</b>	BSP male x BSP male x BSP swivel female branch tee ENLARGING ON BRANCH
<b>68</b>	BSP male x BSP male x BSP swivel female branch UNEQUAL tee
<b>68</b>	JIC male x JIC male x JIC swivel female branch tee

### Male x Female x Male Tees

<b>68</b>	BSP male x BSP swivel female x BSP male branch tee
<b>69</b>	BSP male x BSP swivel female x BSP male branch tee REDUCING ON BRANCH
<b>69</b>	BSP male x BSP swivel female x BSP male branch tee ENLARGING ON BRANCH
<b>69</b>	NPTF male x NPTF fixed female x NPTF male branch tee
<b>70</b>	JIC male x JIC swivel female x JIC male branch tee

### Male x Female x Female Tees

<b>70</b>	BSP male x BSP swivel female x BSP swivel female branch tee
<b>70</b>	BSP male x BSP swivel female x BSP swivel female branch tee ENLARGING ON BRANCH
<b>71</b>	BSP male x BSP swivel female x BSP swivel female tee REDUCING ON BRANCH
<b>71</b>	NPTF male x NPTF fixed female x NPTF fixed female branch tee
<b>71</b>	JIC male x JIC swivel female x JIC swivel female branch tee

### Female x Female x Male Tees

<b>72</b>	BSP swivel female x BSP swivel female x BSP male branch tee
<b>72</b>	BSP swivel female x BSP swivel female x BSP male branch tee REDUCING ON BRANCH
<b>72</b>	NPTF fixed female x NPTF fixed female x NPTF male branch tee
<b>73</b>	JIC swivel female x JIC swivel female x JIC male branch tee

### Female x Female x Female Tees

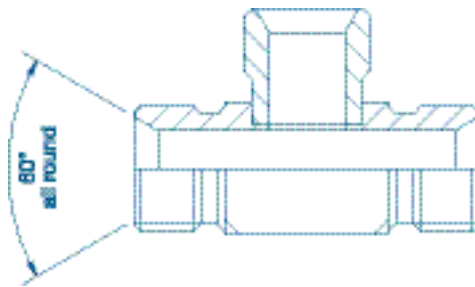
<b>73</b>	BSP swivel female tee
<b>73</b>	BSP swivel female tee REDUCING ON BRANCH
<b>73</b>	BSP swivel female tee ENLARGING ON BRANCH
<b>74</b>	BSP fixed female tee
<b>74</b>	NPTF fixed female tee
<b>74</b>	JIC swivel female tee

### Crosses

<b>75</b>	BSP male cross for bonded seal
<b>75</b>	JIC male cross
<b>75</b>	BSP swivel female cross
<b>76</b>	BSP fixed female cross
<b>76</b>	NPTF fixed female cross
<b>76</b>	NPTF male cross

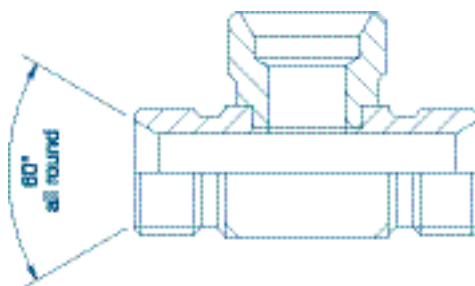
## BSP male tee cone seating

Code	Description
<b>01901</b>	<b>1/4 bsp</b>
<b>01902</b>	<b>3/8 bsp</b>
<b>01903</b>	<b>1/2 bsp</b>
<b>01905</b>	<b>3/4 bsp</b>
<b>01906</b>	<b>1 bsp</b>
<b>01908</b>	<b>1-1/2 bsp</b>
<b>01909</b>	<b>2 bsp</b>



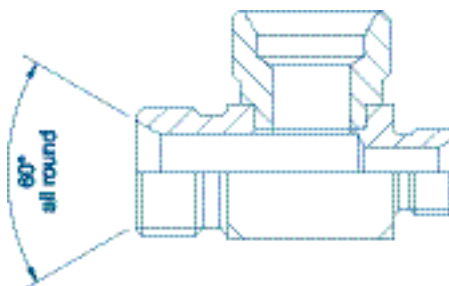
## BSP male tee cone seating ENLARGING ON BRANCH

Code	Description
<b>01911</b>	<b>1/4 bsp x 1/4 bsp x 3/8 bsp</b>
<b>01913</b>	<b>3/8 bsp x 3/8 bsp x 1/2 bsp</b>



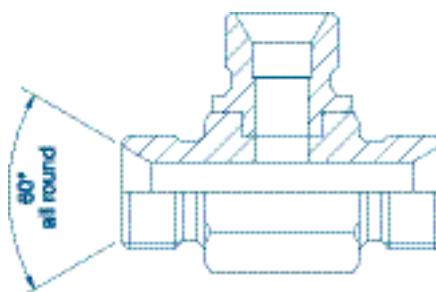
## BSP male tee cone seating UNEQUAL

Code	Description
<b>01900</b>	<b>3/4 bsp x 1 bsp x 3/4 bsp</b>



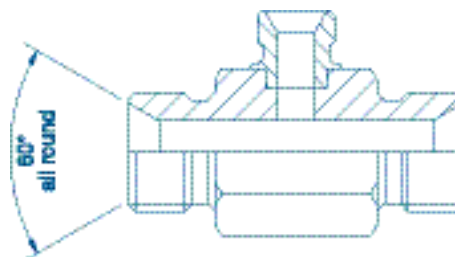
## BSP male tee for bonded seal

Code	Description
<b>01932</b>	<b>1/8 bsp</b>
<b>01925</b>	<b>1/4 bsp</b>
<b>01926</b>	<b>3/8 bsp</b>
<b>01927</b>	<b>1/2 bsp</b>
<b>01928</b>	<b>5/8 bsp</b>
<b>01929</b>	<b>3/4 bsp</b>
<b>01930</b>	<b>1 bsp</b>
<b>01931</b>	<b>1-1/4 bsp</b>
<b>01938</b>	<b>1-1/2 bsp</b>
<b>01939</b>	<b>2 bsp</b>



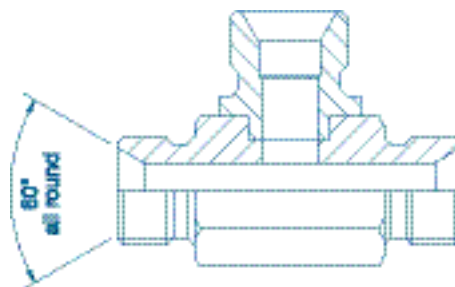
## BSP male tee for bonded seal REDUCING ON BRANCH

Code	Description
<b>01910</b>	<b>1/4 bsp x 1/4 bsp x 1/8 bsp</b>
<b>01912</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>01914</b>	<b>1/2 bsp x 1/2 bsp x 1/4 bsp</b>
<b>01915</b>	<b>1/2 bsp x 1/2 bsp x 3/8 bsp</b>
<b>01916</b>	<b>5/8 bsp x 5/8 bsp x 1/2 bsp</b>
<b>01917</b>	<b>3/4 bsp x 3/4 bsp x 1/4 bsp</b>
<b>01918</b>	<b>3/4 bsp x 3/4 bsp x 3/8 bsp</b>
<b>01919</b>	<b>3/4 bsp x 3/4 bsp x 1/2 bsp</b>
<b>01920</b>	<b>3/4 bsp x 3/4 bsp x 5/8 bsp</b>
<b>01923</b>	<b>1 bsp x 1 bsp x 1/4 bsp</b>
<b>01924</b>	<b>1 bsp x 1 bsp x 3/8 bsp</b>
<b>01921</b>	<b>1 bsp x 1 bsp x 1/2 bsp</b>
<b>01922</b>	<b>1 bsp x 1 bsp x 3/4 bsp</b>
<b>01936</b>	<b>1-1/4 bsp x 1-1/4 bsp x 3/4 bsp</b>
<b>01934</b>	<b>1-1/4 bsp x 1-1/4 bsp x 1 bsp</b>



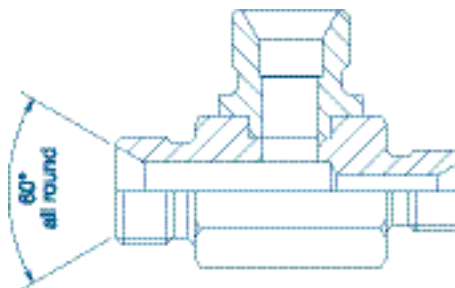
## BSP male tee for bonded seal ENLARGING ON BRANCH

Code	Description
<b>01942</b>	<b>3/8 bsp x 3/8 bsp x 1/2 bsp</b>
<b>01935</b>	<b>1/2 bsp x 1/2 bsp x 3/4 bsp</b>



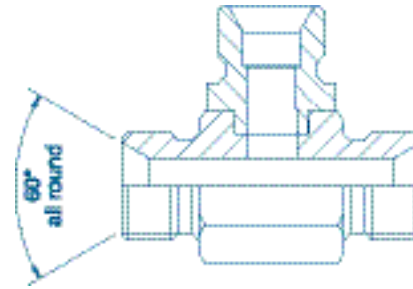
## BSP male UNEQUAL tee for bonded seal

Code	Description
<b>01944</b>	<b>1/2 bsp x 3/4 bsp x 1/2 bsp</b>
<b>01941</b>	<b>1/2 bsp x 3/4 bsp x 3/4 bsp</b>



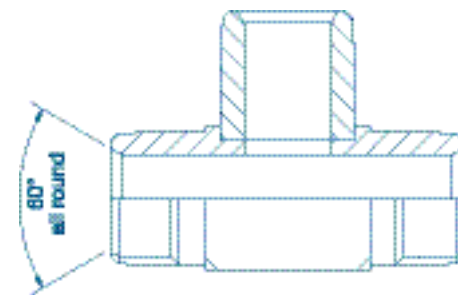
## BSP male tee for bonded seal HEXAGON INSERT

Code	Description
<b>01926HI</b>	<b>3/8 bsp</b>
<b>01927HI</b>	<b>1/2 bsp</b>



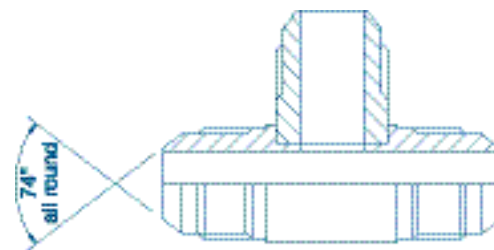
## NPTF male tee

Code	Description
<b>07090</b>	<b>1/8 nptf</b>
<b>07091</b>	<b>1/4 nptf</b>
<b>07092</b>	<b>3/8 nptf</b>
<b>07093</b>	<b>1/2 nptf</b>
<b>07094</b>	<b>3/4 nptf</b>
<b>07095</b>	<b>1 nptf</b>
<b>07096</b>	<b>1-1/4 nptf</b>
<b>07088</b>	<b>1-1/2 nptf</b>
<b>07089</b>	<b>2 nptf</b>



## JIC male tee

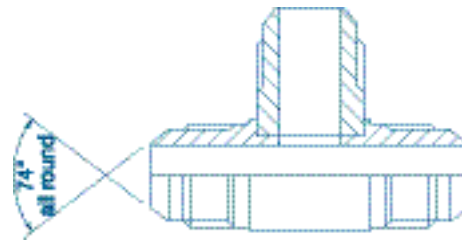
Code	Description
<b>01949</b>	<b>3/8 jic</b>
<b>01950</b>	<b>7/16 jic</b>
<b>01951</b>	<b>1/2 jic</b>
<b>01952</b>	<b>9/16 jic</b>
<b>01953</b>	<b>3/4 jic</b>
<b>01954</b>	<b>7/8 jic</b>
<b>01955</b>	<b>1-1/16 jic</b>
<b>01956</b>	<b>1-3/16 jic</b>
<b>01957</b>	<b>1-5/16 jic</b>
<b>01958</b>	<b>1-5/8 jic</b>
<b>01959</b>	<b>1-7/8 jic</b>
<b>01966</b>	<b>2-1/2 jic</b>



Now available as forged. See Section 10.

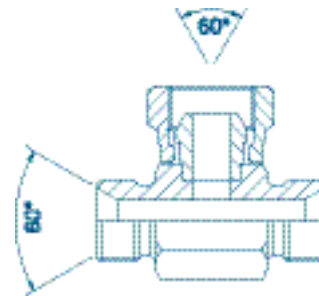
## JIC male tee ENLARGING ON BRANCH

Code	Description
<b>01961</b>	<b>7/16 jic x 7/16 jic x 9/16 jic</b>
<b>01962</b>	<b>9/16 jic x 9/16 jic x 3/4 jic</b>
<b>01963</b>	<b>3/4 jic x 3/4 jic x 1-1/16 jic</b>
<b>01964</b>	<b>1-1/16 jic x 1-1/16 jic x 1-5/16 jic</b>
<b>01965</b>	<b>1-5/16 jic x 1-5/16 jic x 1-5/8 jic</b>



## BSP male x BSP male x BSP swivel female branch tee

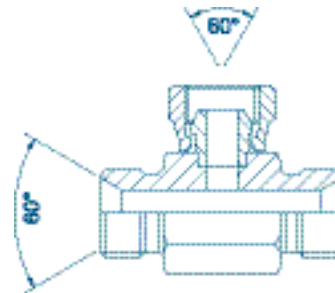
Code	Description
<b>02000</b>	<b>1/8 bsp</b>
<b>02001</b>	<b>1/4 bsp</b>
<b>02002</b>	<b>3/8 bsp</b>
<b>02003</b>	<b>1/2 bsp</b>
<b>02004</b>	<b>5/8 bsp</b>
<b>02005</b>	<b>3/4 bsp</b>
<b>02006</b>	<b>1 bsp</b>
<b>02007</b>	<b>1-1/4 bsp</b>
<b>02012</b>	<b>1-1/2 bsp</b>



Parts with O'ring now available on request.

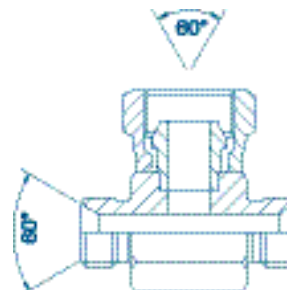
## BSP male x BSP male x BSP swivel female branch tee REDUCING ON BRANCH

Code	Description
<b>02010</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>02015</b>	<b>1/2 bsp x 1/2 bsp x 1/4 bsp</b>
<b>02008</b>	<b>1/2 bsp x 1/2 bsp x 3/8 bsp</b>
<b>02016</b>	<b>3/4 bsp x 3/4 bsp x 1/2 bsp</b>



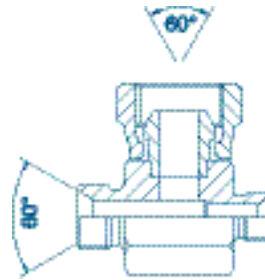
## BSP male x BSP male x BSP swivel female branch tee ENLARGING ON BRANCH

Code	Description
<b>02009</b>	<b>1/4 bsp x 1/4 bsp x 3/8 bsp</b>
<b>02011</b>	<b>3/8 bsp x 3/8 bsp x 1/2 bsp</b>



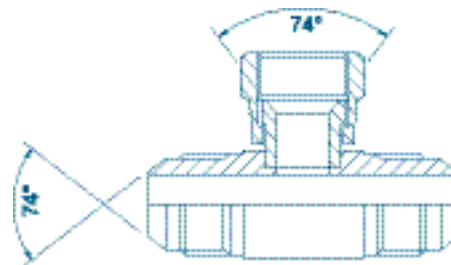
## BSP male x BSP male x BSP swivel female branch UNEQUAL tee

Code	Description
<b>02014</b>	<b>1/4 bsp x 1/2 bsp x 1/2 bsp</b>
<b>01998</b>	<b>3/8 bsp x 1/2 bsp x 1/2 bsp</b>
<b>01999</b>	<b>1/2 bsp x 3/4 bsp x 3/4 bsp</b>
<b>02013</b>	<b>1/2 bsp x 3/4 bsp x 1 bsp</b>



## JIC male x JIC male x JIC swivel female branch tee

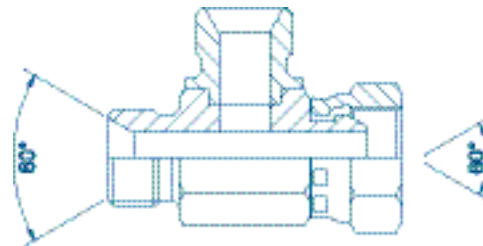
Code	Description
<b>02053</b>	<b>7/16 jic</b>
<b>02056</b>	<b>1/2 jic</b>
<b>02050</b>	<b>9/16 jic</b>
<b>02051</b>	<b>3/4 jic</b>
<b>02052</b>	<b>7/8 jic</b>
<b>02054</b>	<b>1-1/16 jic</b>
<b>02055</b>	<b>1-5/16 jic</b>
<b>02048</b>	<b>1-5/8 jic</b>
<b>02040</b>	<b>1-7/8 jic</b>
<b>02041</b>	<b>2-1/2 jic</b>



Now available as forged. See Section 10.

## BSP male x BSP swivel female x BSP male branch tee

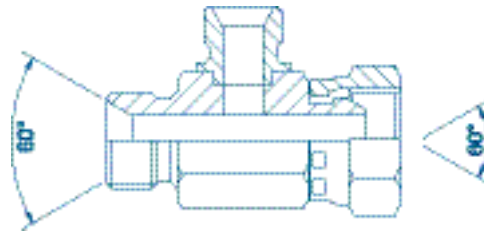
Code	Description
<b>02033</b>	<b>1/8 bsp</b>
<b>02025</b>	<b>1/4 bsp</b>
<b>02026</b>	<b>3/8 bsp</b>
<b>02027</b>	<b>1/2 bsp</b>
<b>02028</b>	<b>5/8 bsp</b>
<b>02029</b>	<b>3/4 bsp</b>
<b>02030</b>	<b>1 bsp</b>
<b>02034</b>	<b>1-1/4 bsp</b>
<b>02020</b>	<b>1-1/2 bsp</b>
<b>02021</b>	<b>2 bsp</b>



Parts with O'ring on female now available on request.

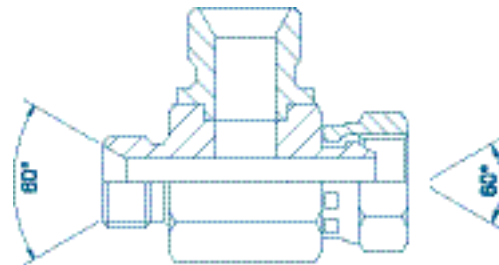
## BSP male x BSP swivel female x BSP male branch tee REDUCING ON BRANCH

Code	Description
<b>02035</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>02036</b>	<b>3/8 bsp x 1/2 bsp x 1/2 bsp</b>
<b>02032</b>	<b>1/2 bsp x 1/2 bsp x 1/4 bsp</b>
<b>02031</b>	<b>1/2 bsp x 1/2 bsp x 3/8 bsp</b>
<b>02022</b>	<b>3/4 bsp x 3/4 bsp x 1/4 bsp</b>
<b>02039</b>	<b>3/4 bsp x 3/4 bsp x 3/8 bsp</b>
<b>02037</b>	<b>3/4 bsp x 3/4 bsp x 1/2 bsp</b>
<b>02023</b>	<b>1 bsp x 1 bsp x 1/4 bsp</b>
<b>02038</b>	<b>1 bsp x 1 bsp x 1/2 bsp</b>
<b>02018</b>	<b>1 bsp x 1 bsp x 3/4 bsp</b>



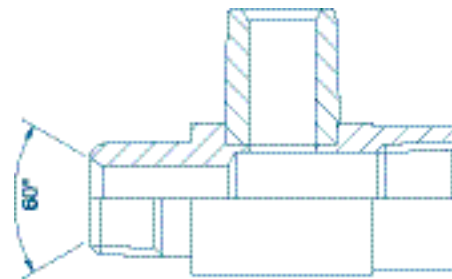
## BSP male x BSP swivel female x BSP male branch tee ENLARGING ON BRANCH

Code	Description
<b>02017</b>	<b>3/8 bsp x 3/8 bsp x 1/2 bsp</b>



## NPTF male x NPTF fixed female x NPTF male branch tee

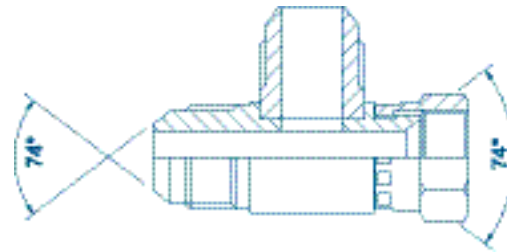
Code	Description
<b>08010</b>	<b>1/4 nptf</b>
<b>08011</b>	<b>3/8 nptf</b>
<b>08012</b>	<b>1/2 nptf</b>
<b>08013</b>	<b>3/4 nptf</b>
<b>08014</b>	<b>1 nptf</b>
<b>08015</b>	<b>1-1/4 nptf</b>
<b>08016</b>	<b>1-1/2 nptf</b>



## JIC male x JIC swivel female x JIC male branch tee

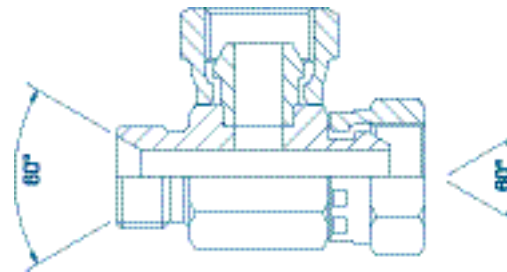
Code	Description
<b>12040</b>	<b>7/16 jic</b>
<b>12041</b>	<b>1/2 jic</b>
<b>12042</b>	<b>9/16 jic</b>
<b>12043</b>	<b>3/4 jic</b>
<b>12044</b>	<b>7/8 jic</b>
<b>12045</b>	<b>1-1/16 jic</b>
<b>12046</b>	<b>1-5/16 jic</b>
<b>12047</b>	<b>1-5/8 jic</b>
<b>12048</b>	<b>1-7/8 jic</b>
<b>12050</b>	<b>2-1/2 jic</b>

Now available as forged. See Section 10.



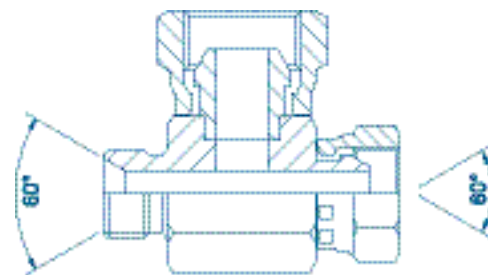
## BSP male x BSP swivel female x BSP swivel female branch tee

Code	Description
<b>09625</b>	<b>1/8 bsp</b>
<b>09626</b>	<b>1/4 bsp</b>
<b>09627</b>	<b>3/8 bsp</b>
<b>09628</b>	<b>1/2 bsp</b>
<b>09629</b>	<b>5/8 bsp</b>
<b>09630</b>	<b>3/4 bsp</b>
<b>09631</b>	<b>1 bsp</b>
<b>09632</b>	<b>1-1/4 bsp</b>



## BSP male x BSP swivel female x BSP swivel female branch tee ENLARGING ON BRANCH

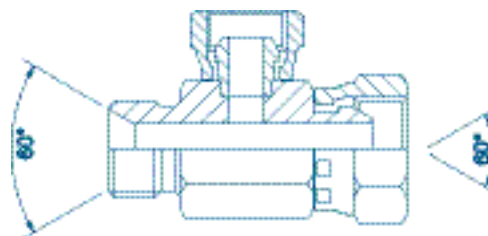
Code	Description
<b>09633</b>	<b>3/8 bsp x 3/8 bsp x 1/2 bsp</b>





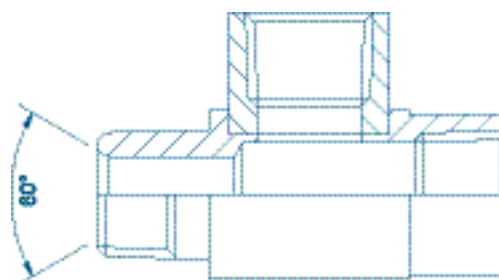
## BSP male x BSP swivel female x BSP swivel female tee REDUCING ON BRANCH

Code	Description
<b>09634</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>09637</b>	<b>3/4 bsp x 3/4 bsp x 1/4 bsp</b>



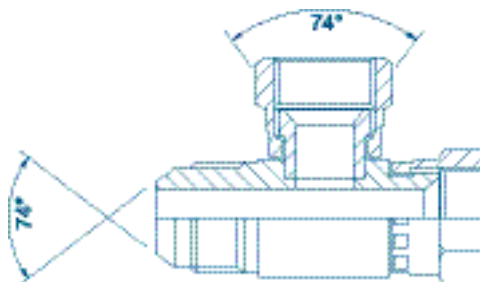
## NPTF male x NPTF fixed female x NPTF fixed female branch tee

Code	Description
<b>07059</b>	<b>1/8 nptf</b>
<b>07060</b>	<b>1/4 nptf</b>
<b>07061</b>	<b>3/8 nptf</b>
<b>07062</b>	<b>1/2 nptf</b>
<b>07063</b>	<b>3/4 nptf</b>
<b>07064</b>	<b>1 nptf</b>
<b>07065</b>	<b>1-1/4 nptf</b>
<b>07066</b>	<b>1-1/2 nptf</b>



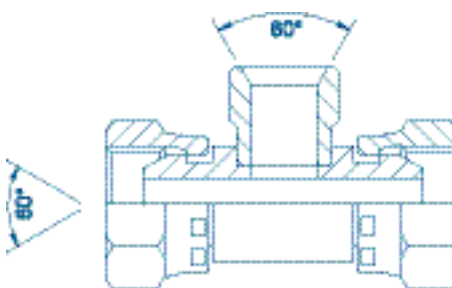
## JIC male x JIC swivel female x JIC swivel female branch tee

Code	Description
<b>02057</b>	<b>7/16 jic</b>
<b>02058</b>	<b>1/2 jic</b>
<b>02059</b>	<b>9/16 jic</b>
<b>02060</b>	<b>3/4 jic</b>
<b>02061</b>	<b>7/8 jic</b>
<b>02062</b>	<b>1-1/16 jic</b>
<b>02063</b>	<b>1-5/16 jic</b>



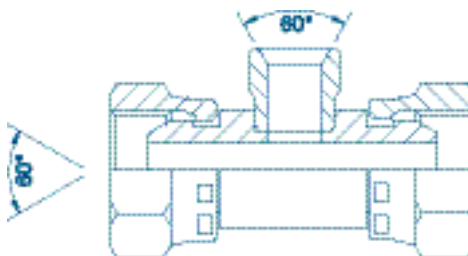
## BSP swivel female x BSP swivel female x BSP male branch tee

Code	Description
<b>02070</b>	<b>1/4 bsp</b>
<b>02071</b>	<b>3/8 bsp</b>
<b>02072</b>	<b>1/2 bsp</b>
<b>02073</b>	<b>5/8 bsp</b>
<b>02074</b>	<b>3/4 bsp</b>
<b>02075</b>	<b>1 bsp</b>
<b>02076</b>	<b>1-1/4 bsp</b>



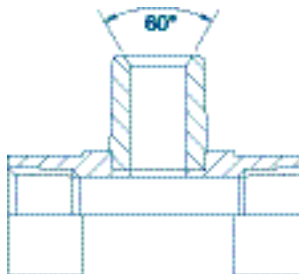
## BSP swivel female x BSP swivel female x BSP male branch tee REDUCING ON BRANCH

Code	Description
<b>02080</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>02078</b>	<b>1/2 bsp x 1/2 bsp x 1/4 bsp</b>
<b>02082</b>	<b>3/4 bsp x 3/4 bsp x 1/4 bsp</b>
<b>02081</b>	<b>3/4 bsp x 3/4 bsp x 3/8 bsp</b>
<b>02077</b>	<b>3/4 bsp x 3/4 bsp x 1/2 bsp</b>
<b>02083</b>	<b>1 bsp x 1 bsp x 1/2 bsp</b>
<b>02079</b>	<b>1 bsp x 1 bsp x 3/4 bsp</b>



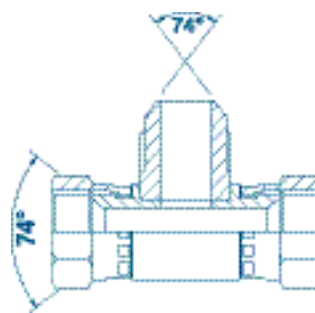
## NPTF fixed female x NPTF fixed female x NPTF male branch tee

Code	Description
<b>07080</b>	<b>1/4 nptf</b>
<b>07081</b>	<b>3/8 nptf</b>
<b>07082</b>	<b>1/2 nptf</b>
<b>07083</b>	<b>3/4 nptf</b>
<b>07084</b>	<b>1 nptf</b>
<b>07085</b>	<b>1-1/4 nptf</b>
<b>07086</b>	<b>1-1/2 nptf</b>
<b>07087</b>	<b>2 nptf</b>



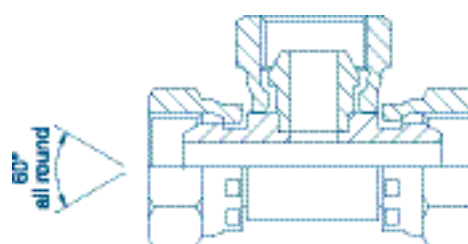
## JIC swivel female x JIC swivel female x JIC male branch tee

Code	Description
<b>03010</b>	<b>7/16 jic</b>
<b>03011</b>	<b>1/2 jic</b>
<b>03012</b>	<b>9/16 jic</b>
<b>03013</b>	<b>3/4 jic</b>
<b>03014</b>	<b>7/8 jic</b>
<b>03015</b>	<b>1-1/16 jic</b>
<b>03016</b>	<b>1-5/16 jic</b>



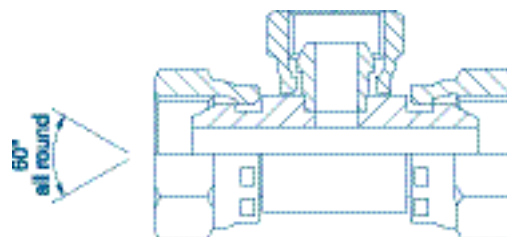
## BSP swivel female tee

Code	Description
<b>01975</b>	<b>1/8 bsp</b>
<b>01976</b>	<b>1/4 bsp</b>
<b>01977</b>	<b>3/8 bsp</b>
<b>01978</b>	<b>1/2 bsp</b>
<b>01979</b>	<b>5/8 bsp</b>
<b>01980</b>	<b>3/4 bsp</b>
<b>01981</b>	<b>1 bsp</b>
<b>01982</b>	<b>1-1/4 bsp</b>
<b>01983</b>	<b>1-1/2 bsp</b>
<b>01984</b>	<b>2 bsp</b>



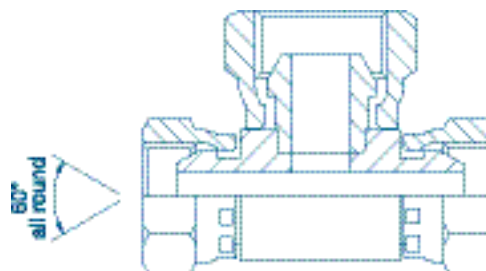
## BSP swivel female tee REDUCING ON BRANCH

Code	Description
<b>01988</b>	<b>3/8 bsp x 3/8 bsp x 1/4 bsp</b>
<b>01991</b>	<b>1/2 bsp x 1/2 bsp x 1/4 bsp</b>
<b>01989</b>	<b>1/2 bsp x 1/2 bsp x 3/8 bsp</b>
<b>01985</b>	<b>3/4 bsp x 3/4 bsp x 1/2 bsp</b>
<b>01987</b>	<b>1 bsp x 1 bsp x 1/2 bsp</b>
<b>01986</b>	<b>1 bsp x 1 bsp x 3/4 bsp</b>
<b>01994</b>	<b>1-1/4 bsp x 1-1/4 bsp x 3/4 bsp</b>
<b>01990</b>	<b>1-1/4 bsp x 1-1/4 bsp x 1 bsp</b>



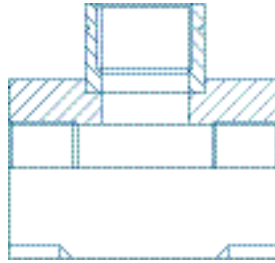
## BSP swivel female tee ENLARGING ON BRANCH

Code	Description
<b>01992</b>	<b>1/4 bsp x 1/4 bsp x 3/8 bsp</b>



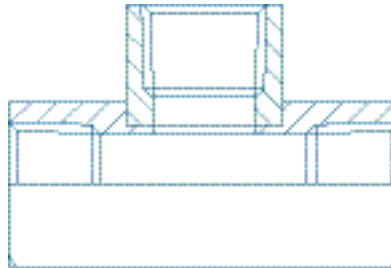
## BSP fixed female tee

Code	Description
<b>11975</b>	<b>1/8 bsp</b>
<b>11976</b>	<b>1/4 bsp</b>
<b>11977</b>	<b>3/8 bsp</b>
<b>11978</b>	<b>1/2 bsp</b>
<b>11979</b>	<b>5/8 bsp</b>
<b>11980</b>	<b>3/4 bsp</b>
<b>11981</b>	<b>1 bsp</b>
<b>11982</b>	<b>1-1/4 bsp</b>
<b>11985</b>	<b>1-1/2 bsp</b>
<b>11984</b>	<b>2 bsp</b>



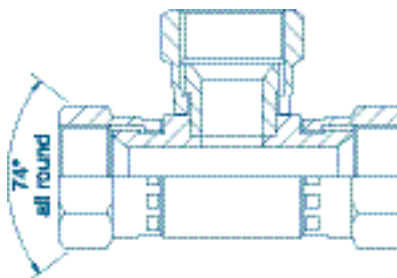
## NPTF fixed female tee

Code	Description
<b>07000</b>	<b>1/8 nptf</b>
<b>07001</b>	<b>1/4 nptf</b>
<b>07002</b>	<b>3/8 nptf</b>
<b>07003</b>	<b>1/2 nptf</b>
<b>07004</b>	<b>3/4 nptf</b>
<b>07005</b>	<b>1 nptf</b>
<b>07006</b>	<b>1-1/4 nptf</b>
<b>07007</b>	<b>1-1/2 nptf</b>
<b>07008</b>	<b>2 nptf</b>



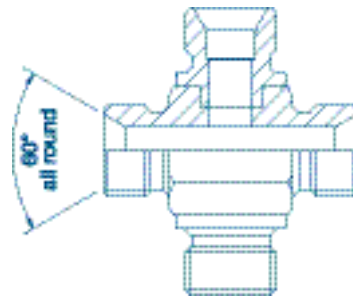
## JIC swivel female tee

Code	Description
<b>09650</b>	<b>7/16 jic</b>
<b>09651</b>	<b>1/2 jic</b>
<b>09652</b>	<b>9/16 jic</b>
<b>09653</b>	<b>3/4 jic</b>
<b>09654</b>	<b>7/8 jic</b>
<b>09655</b>	<b>1-1/16 jic</b>
<b>09658</b>	<b>1-3/16 jic</b>
<b>09656</b>	<b>1-5/16 jic</b>
<b>09657</b>	<b>1-5/8 jic</b>
<b>09647</b>	<b>1-7/8 jic</b>
<b>09648</b>	<b>2-1/2 jic</b>



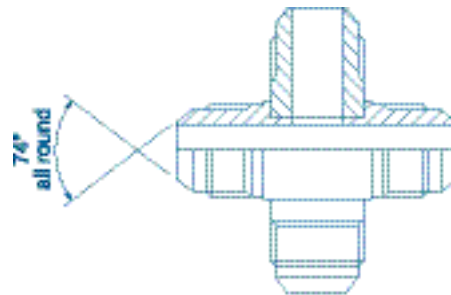
## BSP male cross for bonded seal

Code	Description
<b>03007</b>	<b>1/8 bsp</b>
<b>03000</b>	<b>1/4 bsp</b>
<b>03001</b>	<b>3/8 bsp</b>
<b>03002</b>	<b>1/2 bsp</b>
<b>03003</b>	<b>5/8 bsp</b>
<b>03004</b>	<b>3/4 bsp</b>
<b>03005</b>	<b>1 bsp</b>
<b>03006</b>	<b>1-1/4 bsp</b>



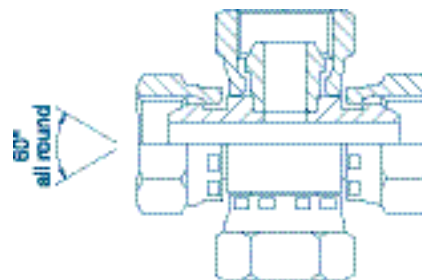
## JIC male cross

Code	Description
<b>03030</b>	<b>7/16 jic</b>
<b>03031</b>	<b>1/2 jic</b>
<b>03032</b>	<b>9/16 jic</b>
<b>03033</b>	<b>3/4 jic</b>
<b>03034</b>	<b>7/8 jic</b>
<b>03036</b>	<b>1-1/16 jic</b>
<b>03035</b>	<b>1-5/16 jic</b>
<b>03037</b>	<b>1-5/8 jic</b>



## BSP swivel female cross

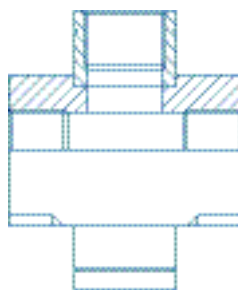
Code	Description
<b>03019</b>	<b>1/8 bsp</b>
<b>03020</b>	<b>1/4 bsp</b>
<b>03021</b>	<b>3/8 bsp</b>
<b>03022</b>	<b>1/2 bsp</b>
<b>03025</b>	<b>5/8 bsp</b>
<b>03023</b>	<b>3/4 bsp</b>
<b>03024</b>	<b>1 bsp</b>
<b>03026</b>	<b>1-1/4 bsp</b>
<b>03027</b>	<b>1-1/2 bsp</b>
<b>03028</b>	<b>2 bsp</b>



## BSP fixed female cross

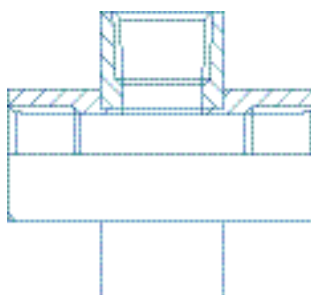
Code	Description
<b>13023</b>	<b>1/8 bsp</b>
<b>13020</b>	<b>1/4 bsp</b>
<b>13021</b>	<b>3/8 bsp</b>
<b>13022</b>	<b>1/2 bsp</b>
<b>13024</b>	<b>3/4 bsp</b>
<b>13025</b>	<b>1 bsp</b>
<b>13026</b>	<b>1-1/4 bsp</b>
<b>13029</b>	<b>2-1/2 bsp</b>

Other sizes in this range may be available on request.



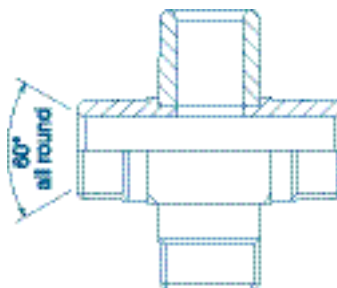
## NPTF fixed female cross

Code	Description
<b>37000</b>	<b>1/4 nptf</b>
<b>37001</b>	<b>3/8 nptf</b>
<b>37002</b>	<b>1/2 nptf</b>
<b>37003</b>	<b>3/4 nptf</b>
<b>37004</b>	<b>1 nptf</b>
<b>37006</b>	<b>1-1/2 nptf</b>



## NPTF male cross

Code	Description
<b>04030</b>	<b>1/4 nptf</b>
<b>04031</b>	<b>3/8 nptf</b>
<b>04032</b>	<b>1/2 nptf</b>
<b>04033</b>	<b>3/4 nptf</b>



## Contents Section 6

### Male x Male Elbows

<b>78</b>	BSP male x BSP male 90° compact elbow
<b>78</b>	BSP male x BSP male 90° compact elbow for bonded seal
<b>78</b>	BSP male x BSPT male 90° compact elbow
<b>79</b>	BSP male x NPTF male 90° compact elbow
<b>79</b>	BSP male x JIC male 90° compact elbow
<b>79</b>	NPTF male x NPTF male 90° compact elbow
<b>80</b>	NPTF male x JIC male 90° compact elbow
<b>80</b>	NPTF male x JIC male extended 90° compact elbow
<b>81</b>	NPTF male x JIC male extended 90° compact elbow
<b>81</b>	NPTF male x JIC male extended 90° compact elbow
<b>81</b>	NPTF male x SAE male 45° external flare 90° compact elbow
<b>82</b>	JIC male x JIC male 90° compact elbow
<b>82</b>	BSPT male x JIC male 90° compact elbow
<b>83</b>	BSPT male x BSPT male 90° compact elbow

### Male x Female Elbows

<b>83</b>	BSP male for bonded seal x BSP swivel female 90° compact elbow
<b>83</b>	BSP male cone seat x BSP swivel female 90° compact elbow
<b>84</b>	BSP male x JIC swivel female 90° compact elbow
<b>84</b>	BSPT male x BSP swivel female 90° compact elbow
<b>84</b>	NPTF male x NPTF fixed female 90° compact elbow
<b>85</b>	NPTF male x BSP swivel female 90° compact elbow
<b>85</b>	NPTF male x JIC swivel female 90° compact elbow
<b>85</b>	NPTF male x NPSM swivel female 90° compact elbow
<b>86</b>	JIC male x JIC swivel female 90° compact elbow
<b>86</b>	JIC male x BSP swivel female 90° compact elbow

### Female x Female Elbows

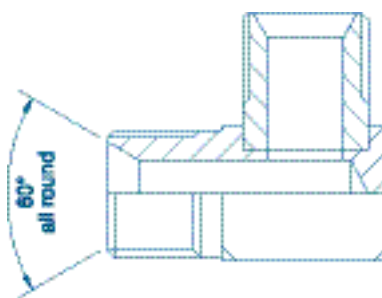
<b>86</b>	BSP swivel female x BSP swivel female 90° compact elbow
<b>87</b>	BSP fixed female x BSP fixed female 90° compact elbow
<b>87</b>	NPTF fixed female x NPTF fixed female 90° compact elbow
<b>87</b>	JIC swivel female x JIC swivel female 90° compact elbow

### 45° Compact Elbows

<b>88</b>	BSP male x BSP swivel female 45° compact elbow
<b>88</b>	NPTF male x JIC male 45° compact elbow
<b>88</b>	JIC male x JIC swivel female 45° compact elbow

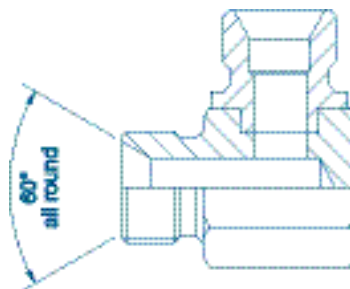
## BSP male x BSP male 90° compact elbow

Code	Description
<b>03051</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>03052</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>03053</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>03061</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>03054</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>03062</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>03055</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>03056</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>03057</b>	<b>1 bsp x 1 bsp</b>
<b>03059</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>03060</b>	<b>2 bsp x 2 bsp</b>



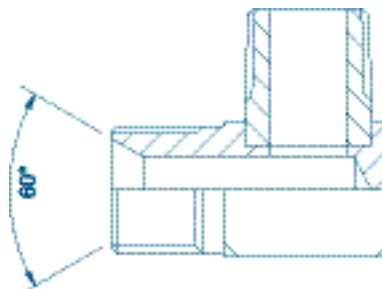
## BSP male x BSP male 90° compact elbow for bonded seal

Code	Description
<b>04006</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>04009</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>04000</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>04001</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>04010</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>04002</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>03099</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>04007</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>04003</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>04008</b>	<b>1 bsp x 3/4 bsp</b>
<b>04004</b>	<b>1 bsp x 1 bsp</b>
<b>04005</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>



## BSP male x BSPT male 90° compact elbow

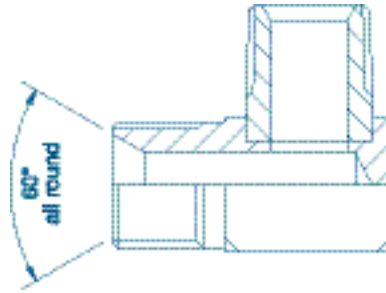
Code	Description
<b>03069</b>	<b>1/8 bsp x 1/8 bspt</b>
<b>03073</b>	<b>1/4 bsp x 1/8 bspt</b>
<b>03070</b>	<b>1/4 bsp x 1/4 bspt</b>
<b>03079</b>	<b>1/4 bsp x 3/8 bspt</b>
<b>03071</b>	<b>3/8 bsp x 3/8 bspt</b>
<b>03077</b>	<b>1/2 bsp x 3/8 bspt</b>
<b>03072</b>	<b>1/2 bsp x 1/2 bspt</b>
<b>03074</b>	<b>3/4 bsp x 3/4 bspt</b>
<b>03078</b>	<b>3/4 bsp x 1 bspt</b>
<b>03067</b>	<b>1 bsp x 3/4 bspt</b>
<b>03075</b>	<b>1 bsp x 1 bspt</b>
<b>03082</b>	<b>1-1/4 bsp x 1-1/4 bspt</b>
<b>03068</b>	<b>1-1/2 bsp x 1-1/2 bspt</b>
<b>03076</b>	<b>2 bsp x 2 bspt</b>





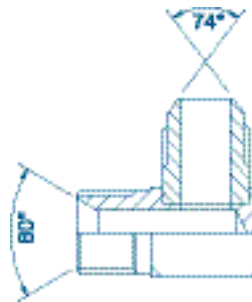
## BSP male x NPTF male 90° compact elbow

Code	Description
<b>13076</b>	<b>1/8 bsp x 1/8 nptf</b>
<b>13073</b>	<b>1/8 bsp x 1/4 nptf</b>
<b>13070</b>	<b>1/4 bsp x 1/4 nptf</b>
<b>13071</b>	<b>3/8 bsp x 3/8 nptf</b>
<b>13072</b>	<b>1/2 bsp x 1/2 nptf</b>
<b>13074</b>	<b>3/4 bsp x 3/4 nptf</b>
<b>13077</b>	<b>1 bsp x 3/4 nptf</b>
<b>13075</b>	<b>1 bsp x 1 nptf</b>
<b>13078</b>	<b>1-1/2 bsp x 1-1/2 nptf</b>
<b>13069</b>	<b>2 bsp x 2 nptf</b>



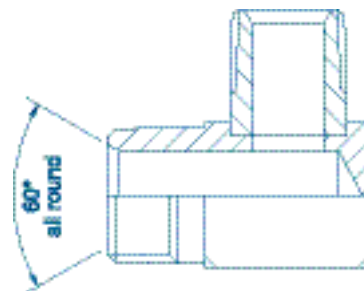
## BSP male x JIC male 90° compact elbow

Code	Description
<b>07070</b>	<b>1/4 bsp x 7/16 jic</b>
<b>07071</b>	<b>1/4 bsp x 1/2 jic</b>
<b>07072</b>	<b>1/4 bsp x 9/16 jic</b>
<b>07073</b>	<b>3/8 bsp x 9/16 jic</b>
<b>07077</b>	<b>3/8 bsp x 3/4 jic</b>
<b>07074</b>	<b>1/2 bsp x 3/4 jic</b>
<b>07079</b>	<b>1/2 bsp x 7/8 jic</b>
<b>07069-08B</b>	<b>1/2 bsp x 1-1/16 jic</b>
<b>07078</b>	<b>3/4 bsp x 7/8 jic</b>
<b>07075</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>07069</b>	<b>1 bsp x 1-1/16 jic</b>
<b>07076</b>	<b>1 bsp x 1-5/16 jic</b>
<b>07068-16B</b>	<b>1 bsp x 1-5/8 jic</b>
<b>07067-16B</b>	<b>1 bsp x 1-7/8 jic</b>
<b>07068</b>	<b>1-1/4 bsp x 1-5/8 jic</b>
<b>07067</b>	<b>1-1/2 bsp x 1-7/8 jic</b>



## NPTF male x NPTF male 90° compact elbow

Code	Description
<b>08000</b>	<b>1/8 nptf x 1/8 nptf</b>
<b>08001</b>	<b>1/4 nptf x 1/4 nptf</b>
<b>08009</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>07097</b>	<b>1/4 nptf x 1/2 nptf</b>
<b>08002</b>	<b>3/8 nptf x 3/8 nptf</b>
<b>07098</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>07099</b>	<b>3/8 nptf x 3/4 nptf</b>
<b>08003</b>	<b>1/2 nptf x 1/2 nptf</b>
<b>08004</b>	<b>3/4 nptf x 3/4 nptf</b>
<b>08005</b>	<b>1 nptf x 1 nptf</b>
<b>08006</b>	<b>1-1/4 nptf x 1-1/4 nptf</b>
<b>08007</b>	<b>1-1/2 nptf x 1-1/2 nptf</b>
<b>08008</b>	<b>2 nptf x 2 nptf</b>

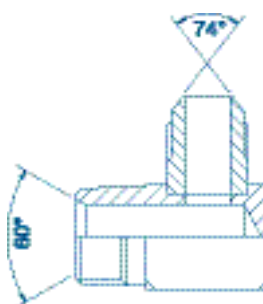


## NPTF male x JIC male 90° compact elbow

Code	Description
<b>04086</b>	<b>1/8 nptf x 5/16 jic</b>
<b>04067</b>	<b>1/8 nptf x 3/8 jic</b>
<b>04050</b>	<b>1/8 nptf x 7/16 jic</b>
<b>04051</b>	<b>1/8 nptf x 1/2 jic</b>
<b>04052</b>	<b>1/8 nptf x 9/16 jic</b>
<b>04053</b>	<b>1/4 nptf x 7/16 jic</b>
<b>04054</b>	<b>1/4 nptf x 1/2 jic</b>
<b>04055</b>	<b>1/4 nptf x 9/16 jic</b>
<b>04056</b>	<b>1/4 nptf x 3/4 jic</b>
<b>04087</b>	<b>3/8 nptf x 3/8 jic</b>
<b>04057</b>	<b>3/8 nptf x 7/16 jic</b>
<b>04058</b>	<b>3/8 nptf x 1/2 jic</b>
<b>04059</b>	<b>3/8 nptf x 9/16 jic</b>
<b>04060</b>	<b>3/8 nptf x 3/4 jic</b>
<b>04061</b>	<b>3/8 nptf x 7/8 jic</b>
<b>04048</b>	<b>3/8 nptf x 1-1/16 jic</b>
<b>04069</b>	<b>3/8 nptf x 1-5/16 jic</b>
<b>04092</b>	<b>1/2 nptf x 3/8 jic</b>
<b>04062</b>	<b>1/2 nptf x 7/16 jic</b>
<b>04063</b>	<b>1/2 nptf x 1/2 jic</b>
<b>04064</b>	<b>1/2 nptf x 9/16 jic</b>
<b>04065</b>	<b>1/2 nptf x 3/4 jic</b>
<b>04066</b>	<b>1/2 nptf x 7/8 jic</b>
<b>04082</b>	<b>1/2 nptf x 1-1/16 jic</b>
<b>04068</b>	<b>1/2 nptf x 1-5/16 jic</b>
<b>04070</b>	<b>3/4 nptf x 9/16 jic</b>
<b>04071</b>	<b>3/4 nptf x 3/4 jic</b>
<b>04072</b>	<b>3/4 nptf x 7/8 jic</b>
<b>04073</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>04075</b>	<b>3/4 nptf x 1-5/16 jic</b>
<b>04090</b>	<b>3/4 nptf x 1-5/8 jic</b>

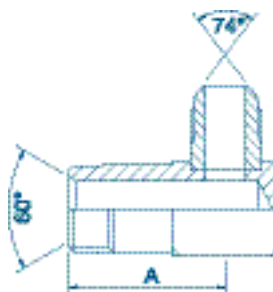
Code	Description
<b>04085</b>	<b>1 nptf x 3/4 jic</b>
<b>04089</b>	<b>1 nptf x 7/8 jic</b>
<b>04074</b>	<b>1 nptf x 1-1/16 jic</b>
<b>04076</b>	<b>1 nptf x 1-5/16 jic</b>
<b>04077</b>	<b>1 nptf x 1-5/8 jic</b>
<b>04078</b>	<b>1-1/4 nptf x 1-5/16 jic</b>
<b>04079</b>	<b>1-1/4 nptf x 1-5/8 jic</b>
<b>04083</b>	<b>1-1/4 nptf x 1-7/8 jic</b>
<b>04091</b>	<b>1-1/2 nptf x 1-5/16 jic</b>
<b>04084</b>	<b>1-1/2 nptf x 1-5/8 jic</b>
<b>04080</b>	<b>1-1/2 nptf x 1-7/8 jic</b>
<b>04088</b>	<b>1-1/2 nptf x 2-1/2 jic</b>
<b>04081</b>	<b>2 nptf x 2-1/2 jic</b>

If forged required, please suffix code number with FD.  
ie: 04075FD. Prices remain the same.



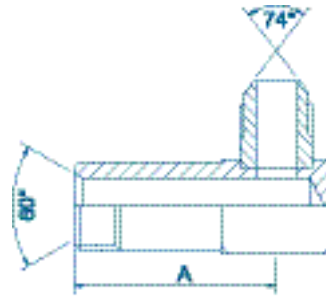
## NPTF male x JIC male extended 90° compact elbow

Code	Description	A
<b>14053</b>	<b>1/4 nptf x 7/16 jic</b>	1.59"
<b>14055</b>	<b>1/4 nptf x 9/16 jic</b>	1.66"
<b>14059</b>	<b>3/8 nptf x 9/16 jic</b>	1.81"
<b>14060</b>	<b>3/8 nptf x 3/4 jic</b>	1.81"
<b>14065</b>	<b>1/2 nptf x 3/4 jic</b>	2.16"
<b>14066</b>	<b>1/2 nptf x 7/8 jic</b>	2.22"
<b>14073</b>	<b>3/4 nptf x 1-1/16 jic</b>	2.47"
<b>14076</b>	<b>1 nptf x 1-5/16 jic</b>	3.06"



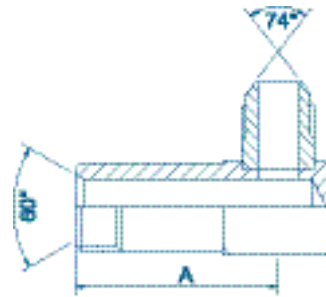
## NPTF male x JIC male extended 90° compact elbow

Code	Description	A
<b>24053</b>	<b>1/4 nptf x 7/16 jic</b>	1.99"
<b>24055</b>	<b>1/4 nptf x 9/16 jic</b>	2.06"
<b>24059</b>	<b>3/8 nptf x 9/16 jic</b>	2.41"
<b>24060</b>	<b>3/8 nptf x 3/4 jic</b>	2.50"
<b>24065</b>	<b>1/2 nptf x 3/4 jic</b>	3.00"
<b>24066</b>	<b>1/2 nptf x 7/8 jic</b>	3.00"
<b>24082</b>	<b>1/2 nptf x 1-1/16 jic</b>	3.00"
<b>24073</b>	<b>3/4 nptf x 1-1/16 jic</b>	3.34"
<b>24076</b>	<b>1 nptf x 1-5/16 jic</b>	4.19"
<b>24079</b>	<b>1-1/4 nptf x 1-5/8 jic</b>	4.84"



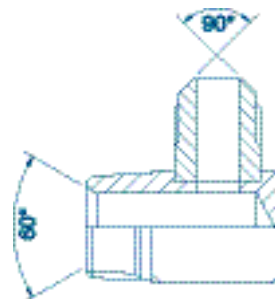
## NPTF male x JIC male extended 90° compact elbow

Code	Description	A
<b>34053</b>	<b>1/4 nptf x 7/16 jic</b>	2.99"
<b>34055</b>	<b>1/4 nptf x 9/16 jic</b>	3.06"
<b>34059</b>	<b>3/8 nptf x 9/16 jic</b>	3.75"
<b>34060</b>	<b>3/8 nptf x 3/4 jic</b>	3.75"
<b>34065</b>	<b>1/2 nptf x 3/4 jic</b>	4.50"
<b>34066</b>	<b>1/2 nptf x 7/8 jic</b>	4.50"
<b>34073</b>	<b>3/4 nptf x 1-1/16 jic</b>	5.03"
<b>34076</b>	<b>1 nptf x 1-5/16 jic</b>	6.34"



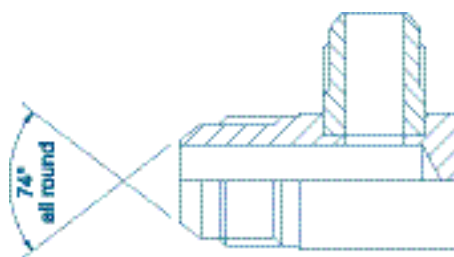
## NPTF male x SAE male 45° external flare 90° compact elbow

Code	Description
<b>07020</b>	<b>1/8 nptf x 7/16 sae</b>
<b>07021</b>	<b>1/8 nptf x 1/2 sae</b>
<b>07022</b>	<b>1/4 nptf x 7/16 sae</b>
<b>07023</b>	<b>1/4 nptf x 1/2 sae</b>
<b>07024</b>	<b>1/4 nptf x 5/8 sae</b>
<b>07025</b>	<b>1/4 nptf x 3/4 sae</b>
<b>07026</b>	<b>3/8 nptf x 7/16 sae</b>
<b>07027</b>	<b>3/8 nptf x 1/2 sae</b>
<b>07028</b>	<b>3/8 nptf x 5/8 sae</b>
<b>07029</b>	<b>3/8 nptf x 3/4 sae</b>
<b>07030</b>	<b>3/8 nptf x 7/8 sae</b>
<b>07031</b>	<b>1/2 nptf x 5/8 sae</b>
<b>07032</b>	<b>1/2 nptf x 3/4 sae</b>
<b>07033</b>	<b>1/2 nptf x 7/8 sae</b>
<b>07037</b>	<b>3/4 nptf x 7/8 sae</b>
<b>07038</b>	<b>3/4 nptf x 1-1/16 sae</b>



## JIC male x JIC male 90° compact elbow

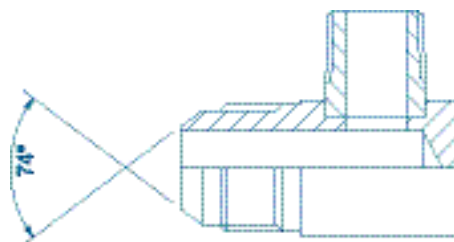
Code	Description
<b>03085</b>	<b>7/16 jic x 7/16 jic</b>
<b>03086</b>	<b>1/2 jic x 1/2 jic</b>
<b>03087</b>	<b>9/16 jic x 9/16 jic</b>
<b>03095</b>	<b>9/16 jic x 3/4 jic</b>
<b>03097</b>	<b>9/16 jic x 1-1/16 jic</b>
<b>03088</b>	<b>3/4 jic x 3/4 jic</b>
<b>03096</b>	<b>3/4 jic x 7/8 jic</b>
<b>03089</b>	<b>7/8 jic x 7/8 jic</b>
<b>03090</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>03091</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>03092</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>03094</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>03093</b>	<b>1-7/8 jic x 1-7/8 jic</b>



## BSPT male x JIC male 90° compact elbow

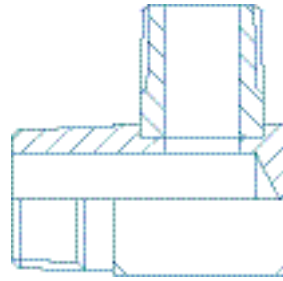
Code	Description
<b>08550</b>	<b>1/8 bspt x 7/16 jic</b>
<b>08551</b>	<b>1/8 bspt x 1/2 jic</b>
<b>08552</b>	<b>1/8 bspt x 9/16 jic</b>
<b>08553</b>	<b>1/4 bspt x 7/16 jic</b>
<b>08554</b>	<b>1/4 bspt x 1/2 jic</b>
<b>08555</b>	<b>1/4 bspt x 9/16 jic</b>
<b>08556</b>	<b>1/4 bspt x 3/4 jic</b>
<b>08557</b>	<b>3/8 bspt x 7/16 jic</b>
<b>08558</b>	<b>3/8 bspt x 1/2 jic</b>
<b>08559</b>	<b>3/8 bspt x 9/16 jic</b>
<b>08560</b>	<b>3/8 bspt x 3/4 jic</b>
<b>08561</b>	<b>3/8 bspt x 7/8 jic</b>
<b>08562</b>	<b>1/2 bspt x 7/16 jic</b>
<b>08563</b>	<b>1/2 bspt x 1/2 jic</b>
<b>08564</b>	<b>1/2 bspt x 9/16 jic</b>
<b>08565</b>	<b>1/2 bspt x 3/4 jic</b>
<b>08566</b>	<b>1/2 bspt x 7/8 jic</b>
<b>08567</b>	<b>1/2 bspt x 1-1/16 jic</b>
<b>08584</b>	<b>1/2 bspt x 1-5/16 jic</b>
<b>08568</b>	<b>3/4 bspt x 9/16 jic</b>
<b>08569</b>	<b>3/4 bspt x 3/4 jic</b>
<b>08570</b>	<b>3/4 bspt x 7/8 jic</b>
<b>08571</b>	<b>3/4 bspt x 1-1/16 jic</b>
<b>08572</b>	<b>3/4 bspt x 1-5/16 jic</b>

Code	Description
<b>08573</b>	<b>1 bspt x 3/4 jic</b>
<b>08585</b>	<b>1 bspt x 7/8 jic</b>
<b>08574</b>	<b>1 bspt x 1-1/16 jic</b>
<b>08575</b>	<b>1 bspt x 1-5/16 jic</b>
<b>08576</b>	<b>1 bspt x 1-5/8 jic</b>
<b>08577</b>	<b>1-1/4 bspt x 1-5/16 jic</b>
<b>08578</b>	<b>1-1/4 bspt x 1-5/8 jic</b>
<b>08579</b>	<b>1-1/4 bspt x 1-7/8 jic</b>
<b>08580</b>	<b>1-1/2 bspt x 1-5/8 jic</b>
<b>08581</b>	<b>1-1/2 bspt x 1-7/8 jic</b>
<b>08582</b>	<b>2 bspt x 2-1/2 jic</b>



## BSPT male x BSPT male 90° compact elbow

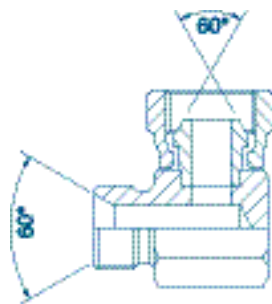
Code	Description
<b>83000</b>	<b>1/4 bspt x 1/4 bspt</b>
<b>83001</b>	<b>3/8 bspt x 3/8 bspt</b>
<b>83002</b>	<b>1/2 bspt x 1/2 bspt</b>
<b>83003</b>	<b>3/4 bspt x 3/4 bspt</b>
<b>83004</b>	<b>1 bspt x 1 bspt</b>
<b>83005</b>	<b>1-1/4 bspt x 1-1/4 bspt</b>



## BSP male for bonded seal x BSP swivel female 90° compact elbow

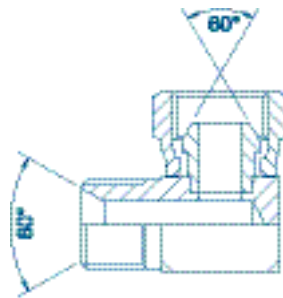
Code	Description
<b>04012</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>04014</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>04013</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>04015</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>04021</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>04016</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>04024</b>	<b>1/2 bsp x 5/8 bsp</b>
<b>04011</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>04020</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>04022</b>	<b>3/4 bsp x 1/2 bsp</b>
<b>04017</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>04018</b>	<b>1 bsp x 1 bsp</b>

Code	Description
<b>04019</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>04025</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>04023</b>	<b>2 bsp x 2 bsp</b>



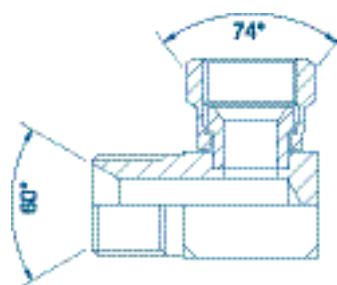
## BSP male cone seat x BSP swivel female 90° compact elbow

Code	Description
<b>05013</b>	<b>1/4 bsp x 1/8 bsp</b>
<b>05000</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05006</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>05014</b>	<b>3/8 bsp x 1/4 bsp</b>
<b>05001</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05011</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>05019</b>	<b>3/8 bsp x 3/4 bsp</b>
<b>05015</b>	<b>1/2 bsp x 3/8 bsp</b>
<b>05002</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05012</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>05017</b>	<b>1/2 bsp x 1 bsp</b>
<b>05004</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05010</b>	<b>3/4 bsp x 1 bsp</b>
<b>05009</b>	<b>1 bsp x 3/4 bsp</b>
<b>05005</b>	<b>1 bsp x 1 bsp</b>
<b>05007</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>05008</b>	<b>2 bsp x 2 bsp</b>



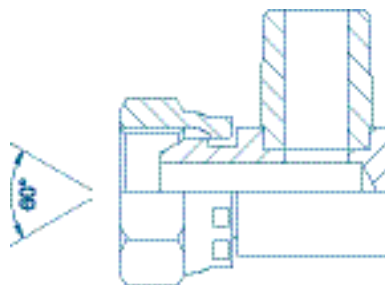
## BSP male x JIC swivel female 90° compact elbow

Code	Description
<b>19504</b>	<b>1/4 bsp x 7/16 jic</b>
<b>19514</b>	<b>1/4 bsp x 1/2 jic</b>
<b>19511</b>	<b>1/4 bsp x 9/16 jic</b>
<b>19505</b>	<b>3/8 bsp x 9/16 jic</b>
<b>19507</b>	<b>3/8 bsp x 3/4 jic</b>
<b>19508</b>	<b>1/2 bsp x 9/16 jic</b>
<b>19509</b>	<b>1/2 bsp x 3/4 jic</b>
<b>19506</b>	<b>1/2 bsp x 7/8 jic</b>
<b>19513</b>	<b>5/8 bsp x 7/8 jic</b>
<b>19510</b>	<b>3/4 bsp x 1-1/16 jic</b>
<b>19515</b>	<b>3/4 bsp x 1-5/16 jic</b>
<b>19512</b>	<b>1 bsp x 7/8 jic</b>
<b>19516</b>	<b>1 bsp x 1-5/16 jic</b>



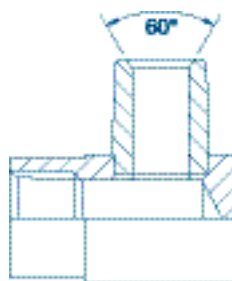
## BSPT male x BSP swivel female 90° compact elbow

Code	Description
<b>09410</b>	<b>1/8 bspt x 1/8 bsp</b>
<b>09405</b>	<b>1/4 bspt x 1/4 bsp</b>
<b>09406</b>	<b>3/8 bspt x 3/8 bsp</b>
<b>09407</b>	<b>1/2 bspt x 1/2 bsp</b>
<b>09411</b>	<b>3/4 bspt x 1/2 bsp</b>
<b>09408</b>	<b>3/4 bspt x 3/4 bsp</b>
<b>09409</b>	<b>1 bspt x 1 bsp</b>
<b>09412</b>	<b>1-1/2 bspt x 1-1/2 bsp</b>



## NPTF male x NPTF fixed female 90° compact elbow

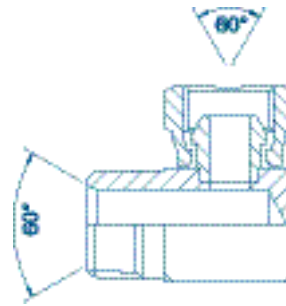
Code	Description
<b>07050</b>	<b>1/8 nptf x 1/8 nptf</b>
<b>07044</b>	<b>1/4 nptf x 1/8 nptf</b>
<b>07051</b>	<b>1/4 nptf x 1/4 nptf</b>
<b>07047</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>07048</b>	<b>3/8 nptf x 1/4 nptf</b>
<b>07052</b>	<b>3/8 nptf x 3/8 nptf</b>
<b>07043</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>07046</b>	<b>1/2 nptf x 1/4 nptf</b>
<b>07049</b>	<b>1/2 nptf x 3/8 nptf</b>
<b>07053</b>	<b>1/2 nptf x 1/2 nptf</b>
<b>07045</b>	<b>3/4 nptf x 3/8 nptf</b>
<b>07054</b>	<b>3/4 nptf x 3/4 nptf</b>
<b>07055</b>	<b>1 nptf x 1 nptf</b>
<b>07056</b>	<b>1-1/4 nptf x 1-1/4 nptf</b>
<b>07057</b>	<b>1-1/2 nptf x 1-1/2 nptf</b>
<b>07058</b>	<b>2 nptf x 2 nptf</b>



Now available as forged. See Section 10.

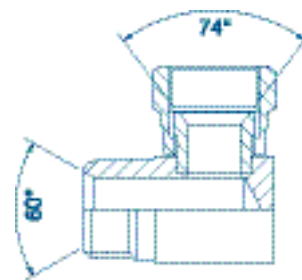
## NPTF male x BSP swivel female 90° compact elbow

Code	Description
<b>09397</b>	<b>1/8 nptf x 1/8 bsp</b>
<b>09393</b>	<b>1/8 nptf x 1/4 bsp</b>
<b>09400</b>	<b>1/4 nptf x 1/4 bsp</b>
<b>09401</b>	<b>3/8 nptf x 3/8 bsp</b>
<b>09402</b>	<b>1/2 nptf x 1/2 bsp</b>
<b>09403</b>	<b>3/4 nptf x 3/4 bsp</b>
<b>09404</b>	<b>1 nptf x 1 bsp</b>
<b>09398</b>	<b>1-1/4 nptf x 1-1/4 bsp</b>
<b>09399</b>	<b>1-1/2 nptf x 1-1/2 bsp</b>



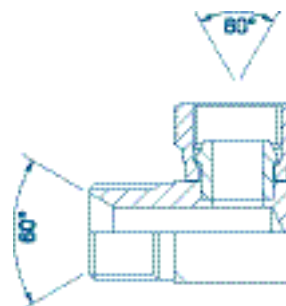
## NPTF male x JIC swivel female 90° compact elbow

Code	Description
<b>99000</b>	<b>1/4 nptf x 7/16 jic</b>
<b>99006</b>	<b>1/4 nptf x 9/16 jic</b>
<b>99001</b>	<b>3/8 nptf x 9/16 jic</b>
<b>99002</b>	<b>1/2 nptf x 3/4 jic</b>
<b>99003</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>99004</b>	<b>1 nptf x 1-5/16 jic</b>
<b>99005</b>	<b>1-1/4 nptf x 1-5/8 jic</b>



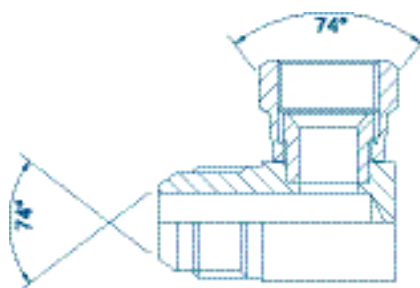
## NPTF male x NPSM swivel female 90° compact elbow

Code	Description
<b>19448</b>	<b>1/8 nptf x 1/8 npsm</b>
<b>19449</b>	<b>1/4 nptf x 1/8 npsm</b>
<b>19450</b>	<b>1/4 nptf x 1/4 npsm</b>
<b>19452</b>	<b>1/4 nptf x 3/8 npsm</b>
<b>19451</b>	<b>3/8 nptf x 1/4 npsm</b>
<b>19453</b>	<b>3/8 nptf x 3/8 npsm</b>
<b>19455</b>	<b>3/8 nptf x 1/2 npsm</b>
<b>19454</b>	<b>1/2 nptf x 3/8 npsm</b>
<b>19456</b>	<b>1/2 nptf x 1/2 npsm</b>
<b>19459</b>	<b>1/2 nptf x 3/4 npsm</b>
<b>19457</b>	<b>3/4 nptf x 1/2 npsm</b>
<b>19458</b>	<b>3/4 nptf x 3/4 npsm</b>
<b>19460</b>	<b>1 nptf x 3/4 npsm</b>
<b>19461</b>	<b>2 nptf x 2 npsm</b>



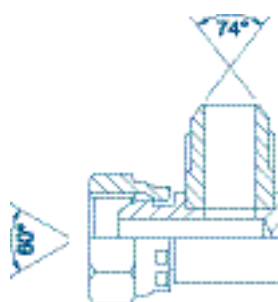
## JIC male x JIC swivel female 90° compact elbow

Code	Description
<b>05050</b>	<b>7/16 jic x 7/16 jic</b>
<b>05051</b>	<b>1/2 jic x 1/2 jic</b>
<b>05052</b>	<b>9/16 jic x 9/16 jic</b>
<b>05053</b>	<b>3/4 jic x 3/4 jic</b>
<b>05062</b>	<b>3/4 jic x 7/8 jic</b>
<b>05061</b>	<b>7/8 jic x 3/4 jic</b>
<b>05054</b>	<b>7/8 jic x 7/8 jic</b>
<b>05055</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>05057</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>05056</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>05058</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>05059</b>	<b>1-7/8 jic x 1-7/8 jic</b>
<b>05063</b>	<b>2-1/2 jic x 2-1/2 jic</b>



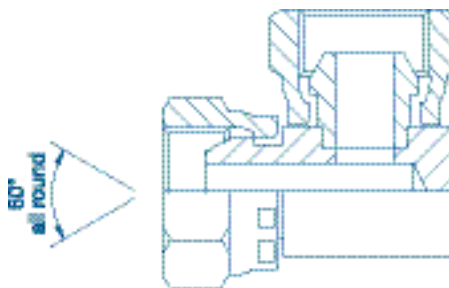
## JIC male x BSP swivel female 90° compact elbow

Code	Description
<b>09612</b>	<b>7/16 jic x 1/4 bsp</b>
<b>09605</b>	<b>9/16 jic x 3/8 bsp</b>
<b>09608</b>	<b>3/4 jic x 3/8 bsp</b>
<b>09606</b>	<b>3/4 jic x 1/2 bsp</b>
<b>09613</b>	<b>7/8 jic x 1/2 bsp</b>
<b>09607</b>	<b>1-1/16 jic x 3/4 bsp</b>
<b>09609</b>	<b>1-5/16 jic x 1 bsp</b>
<b>09611</b>	<b>1-5/8 jic x 1-1/4 bsp</b>
<b>09610</b>	<b>1-7/8 jic x 1-1/2 bsp</b>



## BSP swivel female x BSP swivel female 90° compact elbow

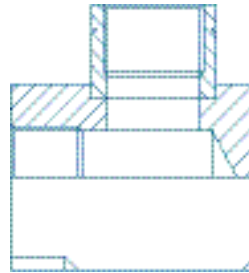
Code	Description
<b>05025</b>	<b>1/8 bsp x 1/8 bsp</b>
<b>05036</b>	<b>1/8 bsp x 1/4 bsp</b>
<b>05026</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05039</b>	<b>1/4 bsp x 3/8 bsp</b>
<b>05037</b>	<b>1/4 bsp x 1/2 bsp</b>
<b>05027</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05035</b>	<b>3/8 bsp x 1/2 bsp</b>
<b>05028</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05040</b>	<b>1/2 bsp x 3/4 bsp</b>
<b>05029</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>05030</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05038</b>	<b>3/4 bsp x 1 bsp</b>
<b>05031</b>	<b>1 bsp x 1 bsp</b>
<b>05032</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>05033</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>05034</b>	<b>2 bsp x 2 bsp</b>





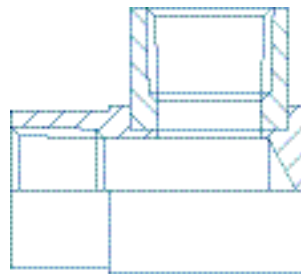
## BSP fixed female x BSP fixed female 90° compact elbow

Code	Description
<b>15026</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>15027</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>15028</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>15030</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>15031</b>	<b>1 bsp x 1 bsp</b>
<b>15032</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>15033</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>
<b>15034</b>	<b>2 bsp x 2 bsp</b>



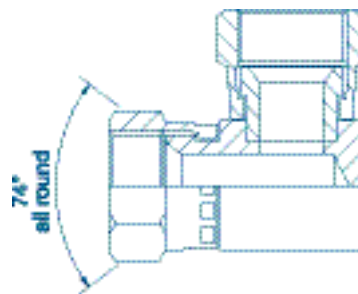
## NPTF fixed female x NPTF fixed female 90° compact elbow

Code	Description
<b>06082</b>	<b>1/8 nptf x 1/8 nptf</b>
<b>06075</b>	<b>1/4 nptf x 1/4 nptf</b>
<b>06084</b>	<b>1/4 nptf x 3/8 nptf</b>
<b>06074</b>	<b>1/4 nptf x 1/2 nptf</b>
<b>06076</b>	<b>3/8 nptf x 3/8 nptf</b>
<b>06085</b>	<b>3/8 nptf x 1/2 nptf</b>
<b>06073</b>	<b>3/8 nptf x 3/4 nptf</b>
<b>06077</b>	<b>1/2 nptf x 1/2 nptf</b>
<b>06078</b>	<b>3/4 nptf x 3/4 nptf</b>
<b>06079</b>	<b>1 nptf x 1 nptf</b>
<b>06080</b>	<b>1-1/4 nptf x 1-1/4 nptf</b>
<b>06081</b>	<b>1-1/2 nptf x 1-1/2 nptf</b>
<b>06083</b>	<b>2 nptf x 2 nptf</b>



## JIC swivel female x JIC swivel female 90° compact elbow

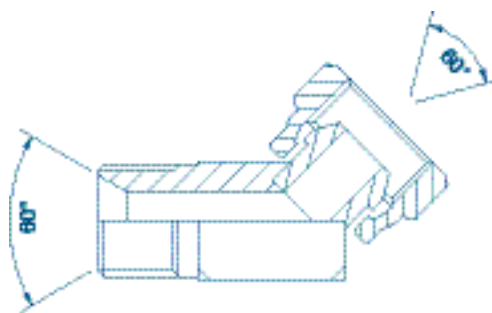
Code	Description
<b>05075</b>	<b>7/16 jic x 7/16 jic</b>
<b>05076</b>	<b>1/2 jic x 1/2 jic</b>
<b>05077</b>	<b>9/16 jic x 9/16 jic</b>
<b>05078</b>	<b>3/4 jic x 3/4 jic</b>
<b>05079</b>	<b>7/8 jic x 7/8 jic</b>
<b>05080</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>05082</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>05081</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>05083</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>05084</b>	<b>1-7/8 jic x 1-7/8 jic</b>



## BSP male cone seal x BSP swivel female 45° compact elbow

Code	Description
<b>05000/45</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05001/45</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05002/45</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05003/45</b>	<b>5/8 bsp x 5/8 bsp</b>
<b>05004/45</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05005/45</b>	<b>1 bsp x 1 bsp</b>

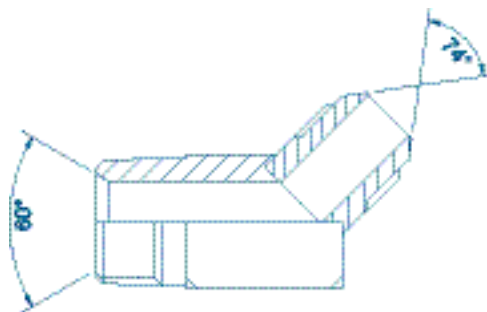
When stocks are depleted then only forged will be available.



## NPTF male x JIC male 45° compact elbow

Code	Description
<b>04050/45</b>	<b>1/8 nptf x 7/16 jic</b>
<b>04053/45</b>	<b>1/4 nptf x 7/16 jic</b>
<b>04059/45</b>	<b>3/8 nptf x 9/16 jic</b>
<b>04060/45</b>	<b>3/8 nptf x 3/4 jic</b>
<b>04065/45</b>	<b>1/2 nptf x 3/4 jic</b>
<b>04073/45</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>04075/45</b>	<b>3/4 nptf x 1-5/16 jic</b>
<b>04076/45</b>	<b>1 nptf x 1-5/16 jic</b>

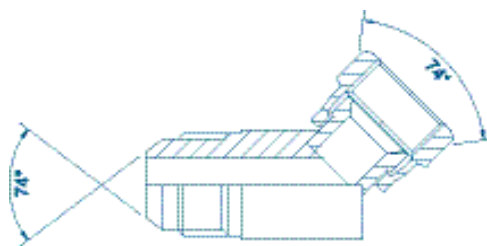
When stocks are depleted then only forged will be available.



## JIC male x JIC swivel female 45° compact elbow

Code	Description
<b>05050/45</b>	<b>7/16 jic x 7/16 jic</b>
<b>05052/45</b>	<b>9/16 jic x 9/16 jic</b>
<b>05053/45</b>	<b>3/4 jic x 3/4 jic</b>
<b>05055/45</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>05056/45</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>05059/45</b>	<b>1-7/8 jic x 1-7/8 jic</b>

When stocks are depleted then only forged will be available.

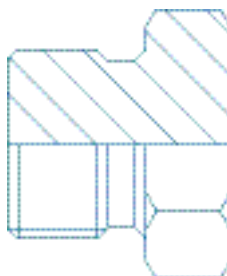


## Contents Section 7

Plugs	
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<b>90</b>	BSP 60° coned plug
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<b>91</b>	BSP socket headed plug for bonded seal
<b>91</b>	BSP socket headed plug WITH 3869 SEAL
<b>91</b>	BSPT solid plug
<b>92</b>	NPTF solid plug
<b>92</b>	NPTF hexagon socket plug
<b>92</b>	METRIC solid plug 1.5mm pitch
<b>93</b>	METRIC solid plug 1.0mm pitch
<b>93</b>	METRIC socket headed plug for bonded seal
<b>93</b>	METRIC socket headed plug WITH 3869 SEAL
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<b>98</b>	JIC crimp nut
<b>98</b>	NPSM crimp nut

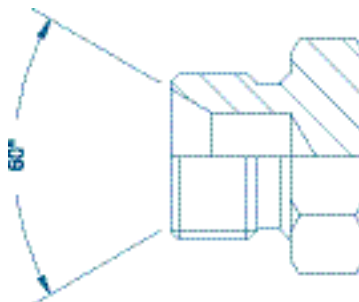
## BSP solid plug

Code	Description
<b>09025</b>	<b>1/8 bsp</b>
<b>09026</b>	<b>1/4 bsp</b>
<b>09027</b>	<b>3/8 bsp</b>
<b>09028</b>	<b>1/2 bsp</b>
<b>09029</b>	<b>5/8 bsp</b>
<b>09030</b>	<b>3/4 bsp</b>
<b>09031</b>	<b>1 bsp</b>
<b>09032</b>	<b>1-1/4 bsp</b>
<b>09033</b>	<b>1-1/2 bsp</b>
<b>09034</b>	<b>2 bsp</b>
<b>09037</b>	<b>3 bsp</b>



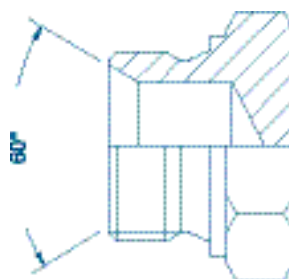
## BSP 60° coned plug

Code	Description
<b>09050</b>	<b>1/8 bsp</b>
<b>09051</b>	<b>1/4 bsp</b>
<b>09052</b>	<b>3/8 bsp</b>
<b>09053</b>	<b>1/2 bsp</b>
<b>09054</b>	<b>5/8 bsp</b>
<b>09055</b>	<b>3/4 bsp</b>
<b>09056</b>	<b>1 bsp</b>
<b>09057</b>	<b>1-1/4 bsp</b>
<b>09058</b>	<b>1-1/2 bsp</b>
<b>09059</b>	<b>2 bsp</b>
<b>09060</b>	<b>2-1/2 bsp</b>
<b>09061</b>	<b>3 bsp</b>
<b>09062</b>	<b>4 bsp</b>



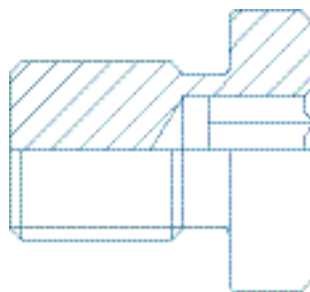
## BSP coned plug to DIN 3852 Form A

Code	Description
<b>69000</b>	<b>1/8 bsp</b>
<b>69001</b>	<b>1/4 bsp</b>
<b>69002</b>	<b>3/8 bsp</b>
<b>69003</b>	<b>1/2 bsp</b>
<b>69005</b>	<b>3/4 bsp</b>
<b>69006</b>	<b>1 bsp</b>
<b>69007</b>	<b>1-1/4 bsp</b>
<b>69008</b>	<b>1-1/2 bsp</b>
<b>69009</b>	<b>2 bsp</b>



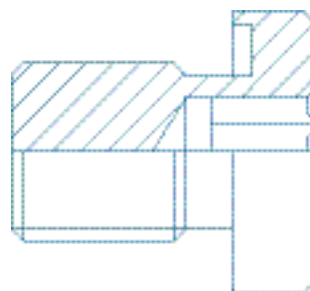
## BSP socket headed plug for bonded seal

Code	Description
<b>09025-02-SPG</b>	<b>1/8</b> bsp
<b>09026-04-SPG</b>	<b>1/4</b> bsp
<b>09027-06-SPG</b>	<b>3/8</b> bsp
<b>09028-08-SPG</b>	<b>1/2</b> bsp
<b>09030-12-SPG</b>	<b>3/4</b> bsp



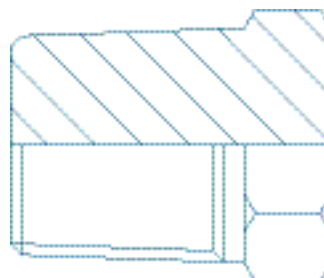
## BSP socket headed plug WITH 3869 SEAL

Code	Description
<b>3869-02-SPG</b>	<b>1/8</b> bsp
<b>3869-04-SPG</b>	<b>1/4</b> bsp
<b>3869-06-SPG</b>	<b>3/8</b> bsp
<b>3869-08-SPG</b>	<b>1/2</b> bsp
<b>3869-12-SPG</b>	<b>3/4</b> bsp
<b>3869-16-SPG</b>	<b>1</b> bsp



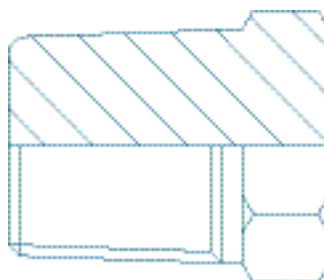
## BSPT solid plug

Code	Description
<b>09075</b>	<b>1/8</b> bspt
<b>09076</b>	<b>1/4</b> bspt
<b>09077</b>	<b>3/8</b> bspt
<b>09078</b>	<b>1/2</b> bspt
<b>09079</b>	<b>5/8</b> bspt
<b>09080</b>	<b>3/4</b> bspt
<b>09081</b>	<b>1</b> bspt
<b>09082</b>	<b>1-1/4</b> bspt
<b>09083</b>	<b>1-1/2</b> bspt
<b>09084</b>	<b>2</b> bspt
<b>09085</b>	<b>2-1/2</b> bspt
<b>09086</b>	<b>3</b> bspt



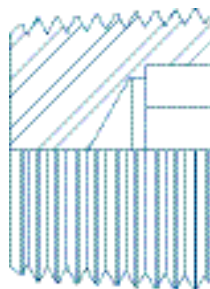
## NPTF solid plug

Code	Description
<b>09100</b>	<b>1/8 nptf</b>
<b>09101</b>	<b>1/4 nptf</b>
<b>09102</b>	<b>3/8 nptf</b>
<b>09103</b>	<b>1/2 nptf</b>
<b>09105</b>	<b>3/4 nptf</b>
<b>09106</b>	<b>1 nptf</b>
<b>09107</b>	<b>1-1/4 nptf</b>
<b>09108</b>	<b>1-1/2 nptf</b>
<b>09109</b>	<b>2 nptf</b>
<b>09110</b>	<b>2-1/2 nptf</b>
<b>09111</b>	<b>3 nptf</b>
<b>09113</b>	<b>3-1/2 nptf</b>
<b>09112</b>	<b>4 nptf</b>



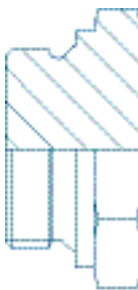
## NPTF hexagon socket plugs

Code	Description
<b>09100/HD</b>	<b>1/8 nptf</b>
<b>09101/HD</b>	<b>1/4 nptf</b>
<b>09102/HD</b>	<b>3/8 nptf</b>
<b>09103/HD</b>	<b>1/2 nptf</b>
<b>09105/HD</b>	<b>3/4 nptf</b>
<b>09106/HD</b>	<b>1 nptf</b>



## METRIC solid plug 1.5mm pitch

Code	Description
<b>09171</b>	<b>10mm</b>
<b>09172</b>	<b>12mm</b>
<b>09173</b>	<b>14mm</b>
<b>09170</b>	<b>16mm</b>
<b>09174</b>	<b>18mm</b>
<b>09175</b>	<b>20mm</b>
<b>09176</b>	<b>22mm</b>
<b>09178</b>	<b>24mm</b>
<b>09177</b>	<b>26mm</b>



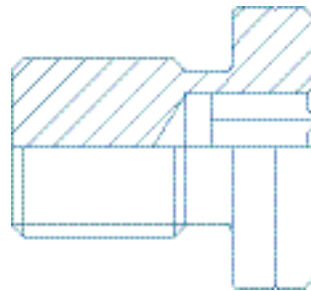
## METRIC solid plug 1.0mm pitch

Code	Description
<b>09169</b>	<b>8mm</b>
<b>09179</b>	<b>10mm</b>
<b>09168</b>	<b>12mm</b>



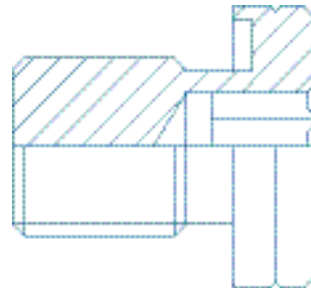
## METRIC socket headed plug 1.5mm pitch for bonded seal

Code	Description
<b>09179-M10-SPG</b>	<b>10 mm by 1 mm</b>
<b>09173-M14-SPG</b>	<b>14 mm</b>
<b>09170-M16-SPG</b>	<b>16 mm</b>
<b>09176-M22-SPG</b>	<b>22 mm</b>



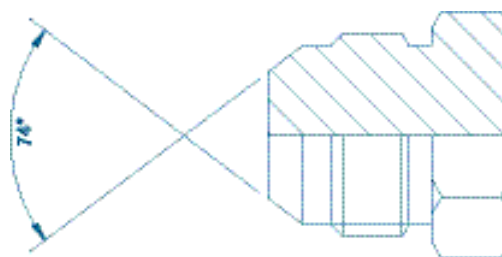
## METRIC socket headed plug 1.5mm pitch WITH 3869 SEAL

Code	Description
<b>3869-M10-SPG</b>	<b>10 mm by 1 mm</b>
<b>3869-M14-SPG</b>	<b>14 mm</b>
<b>3869-M16-SPG</b>	<b>16 mm</b>
<b>3869-M18-SPG</b>	<b>18 mm</b>
<b>3869-M22-SPG</b>	<b>22 mm</b>
<b>3869-M26-SPG</b>	<b>26 mm</b>
<b>3869-M27-SPG</b>	<b>27 mm by 2 mm</b>



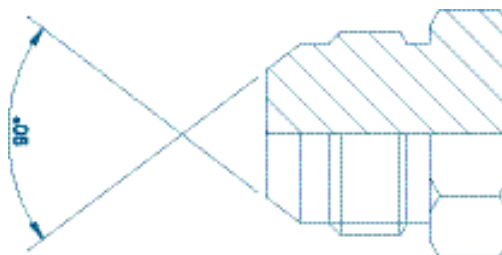
## JIC solid plug

Code	Description
<b>09120</b>	<b>5/16 jic</b>
<b>09121</b>	<b>7/16 jic</b>
<b>09122</b>	<b>1/2 jic</b>
<b>09123</b>	<b>9/16 jic</b>
<b>09124</b>	<b>3/4 jic</b>
<b>09125</b>	<b>7/8 jic</b>
<b>09126</b>	<b>1-1/16 jic</b>
<b>09127</b>	<b>1-3/16 jic</b>
<b>09130</b>	<b>1-5/16 jic</b>
<b>09128</b>	<b>1-5/8 jic</b>
<b>09129</b>	<b>1-7/8 jic</b>
<b>09131</b>	<b>2-1/2 jic</b>
<b>09132</b>	<b>3 jic</b>



## SAE plug 45° cone external flare

Code	Description
<b>09090</b>	<b>5/8 sae</b>



## SAE O'ring boss male solid plug

Code	Description
<b>09162</b>	<b>5/16 sorb</b>
<b>09149</b>	<b>3/8 sorb</b>
<b>09150</b>	<b>7/16 sorb</b>
<b>09151</b>	<b>1/2 sorb</b>
<b>09152</b>	<b>9/16 sorb</b>
<b>09161</b>	<b>5/8 sorb</b>
<b>09153</b>	<b>3/4 sorb</b>
<b>09154</b>	<b>7/8 sorb</b>
<b>09155</b>	<b>1-1/16 sorb</b>
<b>09156</b>	<b>1-3/16 sorb</b>
<b>09157</b>	<b>1-5/16 sorb</b>
<b>09158</b>	<b>1-5/8 sorb</b>
<b>09159</b>	<b>1-7/8 sorb</b>
<b>09160</b>	<b>2-1/2 sorb</b>





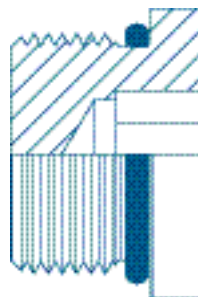
## SAE O'ring boss male solid plug WITH O'RING

Code	Description
<b>19162</b>	<b>5/16</b> sorb
<b>19150</b>	<b>7/16</b> sorb
<b>19151</b>	<b>1/2</b> sorb
<b>19152</b>	<b>9/16</b> sorb
<b>19161</b>	<b>5/8</b> sorb
<b>19153</b>	<b>3/4</b> sorb
<b>19154</b>	<b>7/8</b> sorb
<b>19155</b>	<b>1-1/16</b> sorb
<b>19156</b>	<b>1-3/16</b> sorb
<b>19157</b>	<b>1-5/16</b> sorb
<b>19158</b>	<b>1-5/8</b> sorb
<b>19159</b>	<b>1-7/8</b> sorb
<b>19160</b>	<b>2-1/2</b> sorb



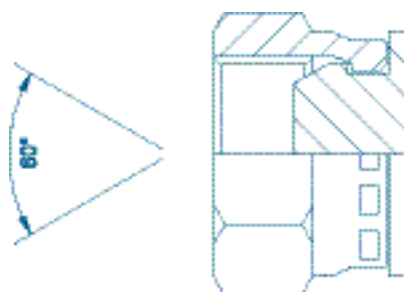
## SAE O'ring boss male socket headed plug WITH O'RING

Code	Description
<b>7238-04</b>	<b>7/16</b> sorb
<b>7238-05</b>	<b>1/2</b> sorb
<b>7238-06</b>	<b>9/16</b> sorb
<b>7238-08</b>	<b>3/4</b> sorb
<b>7238-10</b>	<b>7/8</b> sorb
<b>7238-12</b>	<b>1-1/16</b> sorb
<b>7238-14</b>	<b>1-3/16</b> sorb
<b>7238-16</b>	<b>1-5/16</b> sorb



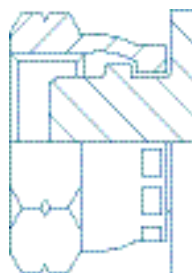
## BSP swivel blanking cap

Code	Description
<b>09180</b>	<b>1/8</b> bsp
<b>09181</b>	<b>1/4</b> bsp
<b>09182</b>	<b>3/8</b> bsp
<b>09183</b>	<b>1/2</b> bsp
<b>09184</b>	<b>5/8</b> bsp
<b>09185</b>	<b>3/4</b> bsp
<b>09186</b>	<b>1</b> bsp
<b>09187</b>	<b>1-1/4</b> bsp
<b>09188</b>	<b>1-1/2</b> bsp
<b>09189</b>	<b>2</b> bsp



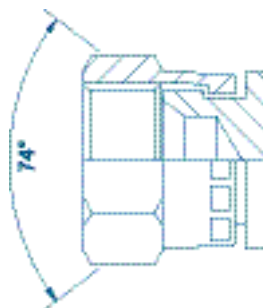
## METRIC swivel blanking cap 1.5mm pitch

Code	Description
<b>09660</b>	<b>12mm</b>
<b>09661</b>	<b>14mm</b>
<b>09662</b>	<b>16mm</b>
<b>09663</b>	<b>18mm</b>
<b>09664</b>	<b>20mm</b>
<b>09665</b>	<b>22mm</b>
<b>09666</b>	<b>24mm</b>



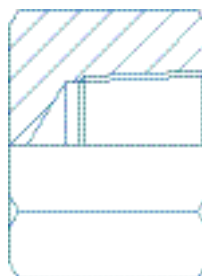
## JIC swivel blanking cap

Code	Description
<b>09200</b>	<b>7/16 jic</b>
<b>09201</b>	<b>1/2 jic</b>
<b>09202</b>	<b>9/16 jic</b>
<b>09203</b>	<b>3/4 jic</b>
<b>09204</b>	<b>7/8 jic</b>
<b>09205</b>	<b>1-1/16 jic</b>
<b>09209</b>	<b>1-3/16 jic</b>
<b>09206</b>	<b>1-5/16 jic</b>
<b>09207</b>	<b>1-5/8 jic</b>
<b>09208</b>	<b>1-7/8 jic</b>
<b>09210</b>	<b>2-1/2 jic</b>



## NPTF fixed female cap

Code	Description
<b>09680</b>	<b>3/8 nptf</b>
<b>09681</b>	<b>1/2 nptf</b>



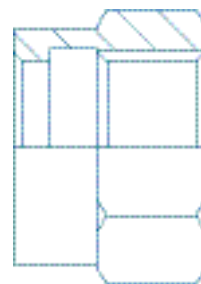
## SAE fixed female cap

Code	Description
<b>09820</b>	<b>5/8 sae</b>



## BSP crimp nut

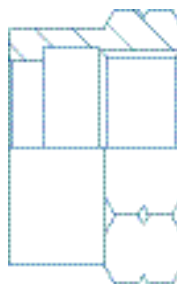
Code	Description
<b>08020</b>	<b>1/8 bsp</b>
<b>08021</b>	<b>1/4 bsp</b>
<b>08022</b>	<b>3/8 bsp</b>
<b>08023</b>	<b>1/2 bsp</b>
<b>08024</b>	<b>5/8 bsp</b>
<b>08025</b>	<b>3/4 bsp</b>
<b>08026</b>	<b>1 bsp</b>
<b>08027</b>	<b>1-1/4 bsp</b>
<b>08028</b>	<b>1-1/2 bsp</b>
<b>08029</b>	<b>2 bsp</b>



Availability of Crimp Nuts subject to stock levels being surplus to our requirements.

## METRIC crimp nut 1.5mm pitch

Code	Description
<b>08049</b>	<b>10mm</b>
<b>08050</b>	<b>12mm</b>
<b>08051</b>	<b>14mm</b>
<b>08052</b>	<b>16mm</b>
<b>08053</b>	<b>18mm</b>
<b>08054</b>	<b>20mm</b>
<b>08055</b>	<b>22mm</b>
<b>08056</b>	<b>24mm</b>
<b>08057</b>	<b>26mm</b>
<b>08058</b>	<b>30mm</b>
<b>08059</b>	<b>36mm</b>

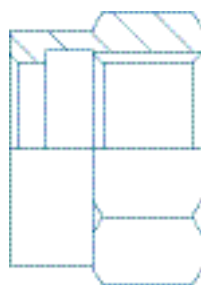


Availability of Crimp Nuts subject to stock levels being surplus to our requirements.

## JIC crimp nut

Code	Description
<b>08075</b>	<b>7/16</b> jic
<b>08076</b>	<b>1/2</b> jic
<b>08077</b>	<b>9/16</b> jic
<b>08078</b>	<b>3/4</b> jic
<b>08079</b>	<b>7/8</b> jic
<b>08080</b>	<b>1-1/16</b> jic
<b>08084</b>	<b>1-3/16</b> jic
<b>08081</b>	<b>1-5/16</b> jic
<b>08083</b>	<b>1-5/8</b> jic
<b>08082</b>	<b>1-7/8</b> jic
<b>08085</b>	<b>2-1/2</b> jic

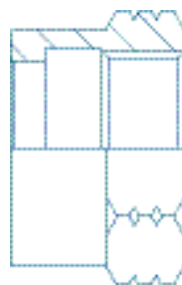
Availability of Crimp Nuts subject to stock levels being surplus to our requirements.



## NPSM crimp nut

Code	Description
<b>18004</b>	<b>1/8</b> npsm
<b>18000</b>	<b>1/4</b> npsm
<b>18001</b>	<b>3/8</b> npsm
<b>18002</b>	<b>1/2</b> npsm
<b>18003</b>	<b>3/4</b> npsm
<b>18005</b>	<b>1</b> npsm
<b>18007</b>	<b>1-1/4</b> npsm
<b>18008</b>	<b>1-1/2</b> npsm
<b>18009</b>	<b>2</b> npsm

Availability of Crimp Nuts subject to stock levels being surplus to our requirements.



## Contents Section 8

### Swepts & Hose-Tails

<b>100</b>	BSP male x BSP male 90° swept elbow
<b>100</b>	BSP male x hose-tail 90° swept
<b>100</b>	BSP male x BSP swivel female 90° swept elbow
<b>100</b>	BSP swivel female x BSP swivel female 90° swept elbow
<b>101</b>	BSP swivel female x PUSH-IN 90° swept elbow
<b>101</b>	BSP swivel female x hose-tail 90° swept elbow
<b>101</b>	BSP swivel female x hose-tail 135° swept
<b>101</b>	JIC male x JIC swivel female 90° swept elbow
<b>102</b>	JIC male x BSP swivel female 90° swept elbow
<b>102</b>	JIC swivel female x PUSH-IN 90° swept elbow
<b>102</b>	BSP male x BSP male 135° swept elbow
<b>102</b>	BSP male x BSP swivel female 135° swept elbow
<b>103</b>	BSP swivel female x BSP swivel female 135° swept elbow
<b>103</b>	BSP swivel female x PUSH-IN 135° swept elbow
<b>103</b>	JIC male x BSP swivel female 135° swept elbow
<b>103</b>	JIC male x JIC swivel female 135° swept elbow
<b>104</b>	JIC swivel female x PUSH-IN 135° swept elbow

### Straight Push-Ins & Hose-Tails

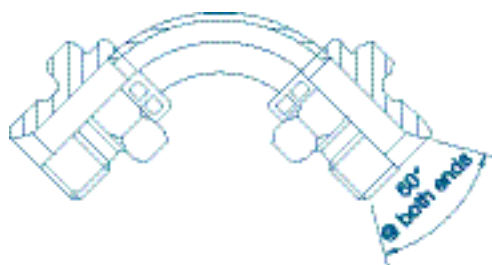
<b>104</b>	BSP male x PUSH-IN STRAIGHT
<b>104</b>	BSP male x hose-tail STRAIGHT
<b>104</b>	BSPT male x PUSH-IN STRAIGHT
<b>105</b>	NPTF male x PUSH-IN STRAIGHT
<b>105</b>	NPSM female x hose-tail STRAIGHT
<b>105</b>	JIC male x PUSH-IN STRAIGHT
<b>105</b>	BSP swivel female x PUSH-IN STRAIGHT
<b>106</b>	BSP swivel female x hose-tail STRAIGHT
<b>106</b>	NPTF fixed female x PUSH-IN STRAIGHT
<b>106</b>	JIC swivel female x PUSH-IN STRAIGHT
<b>107</b>	BSP swivel female x hose-tail 90° compact
<b>107</b>	JIC swivel female x hose-tail 90° compact

### Ferrules

<b>107</b>	R2A ferrules
<b>107</b>	R2T ferrules

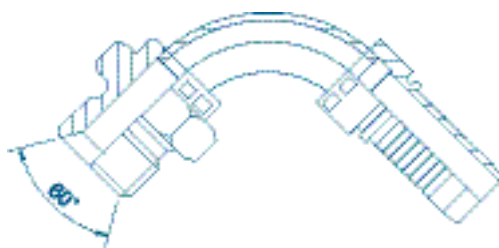
## BSP male x BSP male 90° swept elbow

Code	Description
<b>06000</b>	<b>1/4 bsp</b>
<b>06001</b>	<b>3/8 bsp</b>
<b>06002</b>	<b>1/2 bsp</b>
<b>06003</b>	<b>5/8 bsp</b>
<b>06004</b>	<b>3/4 bsp</b>
<b>06005</b>	<b>1 bsp</b>
<b>06006</b>	<b>1-1/4 bsp</b>
<b>06007</b>	<b>1-1/2 bsp</b>
<b>06008</b>	<b>2 bsp</b>



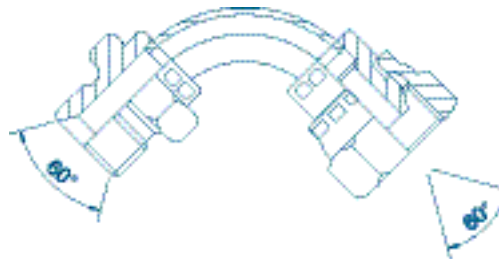
## BSP male x hose-tail 90° swept elbow

Code	Description
<b>19930</b>	<b>1/4 bsp x 1/4 hose-tail</b>
<b>19931</b>	<b>3/8 bsp x 3/8 hose-tail</b>
<b>19932</b>	<b>1/2 bsp x 1/2 hose-tail</b>
<b>19933</b>	<b>5/8 bsp x 5/8 hose-tail</b>
<b>19934</b>	<b>3/4 bsp x 3/4 hose-tail</b>
<b>19935</b>	<b>1 bsp x 1 hose-tail</b>



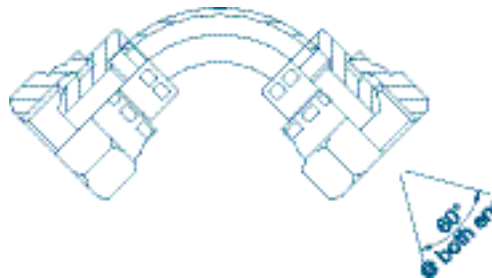
## BSP male x BSP swivel female 90° swept elbow

Code	Description
<b>06020</b>	<b>1/4 bsp</b>
<b>06021</b>	<b>3/8 bsp</b>
<b>06022</b>	<b>1/2 bsp</b>
<b>06023</b>	<b>5/8 bsp</b>
<b>06024</b>	<b>3/4 bsp</b>
<b>06025</b>	<b>1 bsp</b>
<b>06026</b>	<b>1-1/4 bsp</b>
<b>06027</b>	<b>1-1/2 bsp</b>
<b>06028</b>	<b>2 bsp</b>



## BSP swivel female x BSP swivel female 90° swept elbow

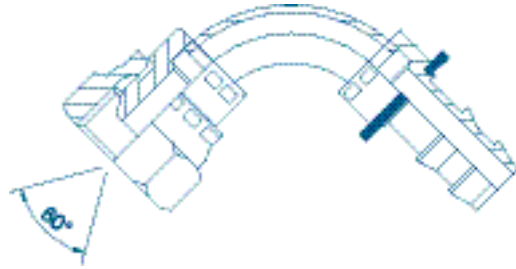
Code	Description
<b>06050</b>	<b>1/4 bsp</b>
<b>06051</b>	<b>3/8 bsp</b>
<b>06052</b>	<b>1/2 bsp</b>
<b>06053</b>	<b>5/8 bsp</b>
<b>06054</b>	<b>3/4 bsp</b>
<b>06055</b>	<b>1 bsp</b>
<b>06056</b>	<b>1-1/4 bsp</b>
<b>06057</b>	<b>1-1/2 bsp</b>
<b>06058</b>	<b>2 bsp</b>



## BSP swivel female x PUSH-IN 90° swept elbow

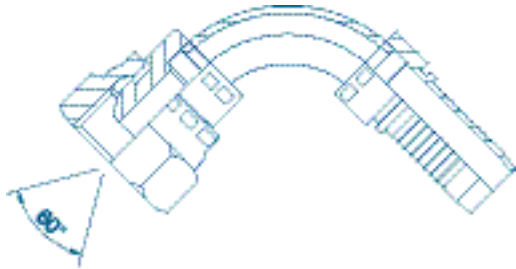
Code	Description
<b>09280</b>	<b>1/4 bsp x 1/4 pi</b>
<b>09281</b>	<b>3/8 bsp x 3/8 pi</b>
<b>09282</b>	<b>1/2 bsp x 1/2 pi</b>
<b>09283</b>	<b>5/8 bsp x 5/8 pi</b>
<b>09284</b>	<b>3/4 bsp x 3/4 pi</b>
<b>09285</b>	<b>1 bsp x 1 pi</b>

All PUSH-INS not for use with Clips or Ferrules.



## BSP swivel female x hose-tail 90° swept elbow

Code	Description
<b>93000</b>	<b>1/4 bsp x 1/4 hose-tail</b>
<b>93001</b>	<b>3/8 bsp x 3/8 hose-tail</b>
<b>93002</b>	<b>1/2 bsp x 1/2 hose-tail</b>
<b>93003</b>	<b>5/8 bsp x 5/8 hose-tail</b>
<b>93004</b>	<b>3/4 bsp x 3/4 hose-tail</b>
<b>93005</b>	<b>1 bsp x 1 hose-tail</b>
<b>93006</b>	<b>1-1/4 bsp x 1-1/4 hose-tail</b>
<b>93008</b>	<b>1-1/2 bsp x 1-1/2 hose-tail</b>



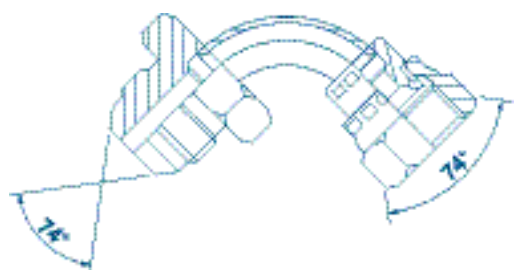
## BSP swivel female x hose-tail 135° swept elbow

Code	Description
<b>94500</b>	<b>1/4 bsp x 1/4 hose-tail</b>
<b>94501</b>	<b>3/8 bsp x 3/8 hose-tail</b>
<b>94502</b>	<b>1/2 bsp x 1/2 hose-tail</b>
<b>94504</b>	<b>3/4 bsp x 3/4 hose-tail</b>
<b>94505</b>	<b>1 bsp x 1 hose-tail</b>
<b>94506</b>	<b>1-1/4 bsp x 1-1/4 hose-tail</b>



## JIC male x JIC swivel female 90° swept elbow

Code	Description
<b>10900</b>	<b>7/16 jic</b>
<b>10901</b>	<b>1/2 jic</b>
<b>10902</b>	<b>9/16 jic</b>
<b>10903</b>	<b>3/4 jic</b>
<b>10904</b>	<b>7/8 jic</b>
<b>10905</b>	<b>1-1/16 jic</b>
<b>10906</b>	<b>1-3/16 jic</b>
<b>10907</b>	<b>1-5/16 jic</b>
<b>10908</b>	<b>1-5/8 jic</b>
<b>10909</b>	<b>1-7/8 jic</b>



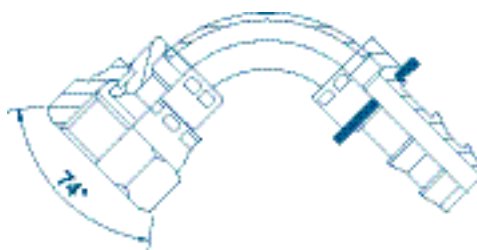
## JIC male x BSP swivel female 90° swept elbow

Code	Description
<b>12900</b>	<b>7/16</b> jic x <b>1/4</b> bsp
<b>12901</b>	<b>9/16</b> jic x <b>3/8</b> bsp
<b>12902</b>	<b>3/4</b> jic x <b>1/2</b> bsp
<b>12903</b>	<b>7/8</b> jic x <b>5/8</b> bsp
<b>12904</b>	<b>1-1/16</b> jic x <b>3/4</b> bsp
<b>12905</b>	<b>1-5/16</b> jic x <b>1</b> bsp
<b>12907</b>	<b>1-5/8</b> jic x <b>1-1/4</b> bsp
<b>12906</b>	<b>1-7/8</b> jic x <b>1-1/2</b> bsp



## JIC swivel female x PUSH-IN 90° swept

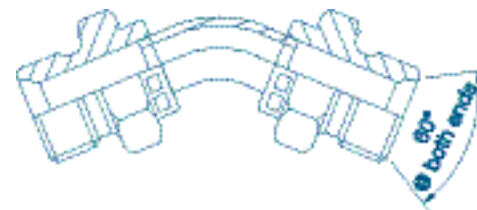
Code	Description
<b>09301</b>	<b>7/16</b> jic x <b>1/4</b> pi
<b>09302</b>	<b>9/16</b> jic x <b>3/8</b> pi
<b>09303</b>	<b>3/4</b> jic x <b>1/2</b> pi
<b>09300</b>	<b>7/8</b> jic x <b>5/8</b> pi
<b>09304</b>	<b>1-1/16</b> jic x <b>3/4</b> pi
<b>09305</b>	<b>1-5/16</b> jic x <b>1</b> pi



All PUSH-INS not for use with Clips or Ferrules.

## BSP male x BSP male 135° swept elbow

Code	Description
<b>16000</b>	<b>1/4</b> bsp
<b>16001</b>	<b>3/8</b> bsp
<b>16002</b>	<b>1/2</b> bsp
<b>16003</b>	<b>5/8</b> bsp
<b>16004</b>	<b>3/4</b> bsp
<b>16005</b>	<b>1</b> bsp
<b>16006</b>	<b>1-1/4</b> bsp
<b>16007</b>	<b>1-1/2</b> bsp
<b>16008</b>	<b>2</b> bsp



## BSP male x BSP swivel female 135° swept elbow

Code	Description
<b>16020</b>	<b>1/4</b> bsp
<b>16021</b>	<b>3/8</b> bsp
<b>16022</b>	<b>1/2</b> bsp
<b>16023</b>	<b>5/8</b> bsp
<b>16024</b>	<b>3/4</b> bsp
<b>16025</b>	<b>1</b> bsp
<b>16026</b>	<b>1-1/4</b> bsp
<b>16027</b>	<b>1-1/2</b> bsp
<b>16028</b>	<b>2</b> bsp





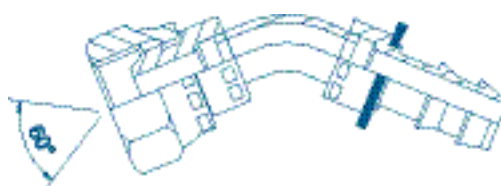
## BSP swivel female x BSP swivel female 135° swept elbow

Code	Description
<b>16050</b>	<b>1/4 bsp</b>
<b>16051</b>	<b>3/8 bsp</b>
<b>16052</b>	<b>1/2 bsp</b>
<b>16053</b>	<b>5/8 bsp</b>
<b>16054</b>	<b>3/4 bsp</b>
<b>16055</b>	<b>1 bsp</b>
<b>16056</b>	<b>1-1/4 bsp</b>
<b>16057</b>	<b>1-1/2 bsp</b>
<b>16058</b>	<b>2 bsp</b>



## BSP swivel female x PUSH-IN 135° swept elbow

Code	Description
<b>19280</b>	<b>1/4 bsp x 1/4 pi</b>
<b>19281</b>	<b>3/8 bsp x 3/8 pi</b>
<b>19282</b>	<b>1/2 bsp x 1/2 pi</b>
<b>19283</b>	<b>5/8 bsp x 5/8 pi</b>
<b>19284</b>	<b>3/4 bsp x 3/4 pi</b>
<b>19285</b>	<b>1 bsp x 1 pi</b>



All PUSH-INS not for use with Clips or Ferrules.

## JIC male x BSP swivel female 135° swept elbow

Code	Description
<b>13900</b>	<b>7/16 jic x 1/4 bsp</b>
<b>13901</b>	<b>9/16 jic x 3/8 bsp</b>
<b>13905</b>	<b>1-1/16 jic x 3/4 bsp</b>
<b>13908</b>	<b>1-5/16 jic x 1 bsp</b>



## JIC male x JIC swivel female 135° swept elbow

Code	Description
<b>11900</b>	<b>7/16 jic</b>
<b>11902</b>	<b>9/16 jic</b>
<b>11903</b>	<b>3/4 jic</b>
<b>11905</b>	<b>1-1/16 jic</b>
<b>11907</b>	<b>1-5/16 jic</b>
<b>11908</b>	<b>1-5/8 jic</b>



## JIC swivel female x PUSH-IN 135° swept

Code	Description
<b>09320</b>	<b>7/16 jic x 1/4 pi</b>
<b>09321</b>	<b>9/16 jic x 3/8 pi</b>
<b>09322</b>	<b>3/4 jic x 1/2 pi</b>
<b>09323</b>	<b>7/8 jic x 5/8 pi</b>
<b>09324</b>	<b>1-1/16 jic x 3/4 pi</b>

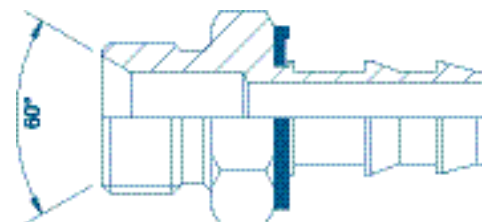
All PUSH-INS not for use with Clips or Ferrules.



## BSP male x PUSH-IN STRAIGHT

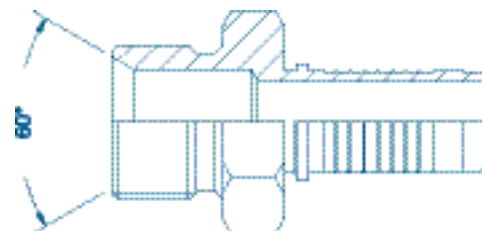
Code	Description
<b>09220</b>	<b>1/4 bsp x 1/4 pi</b>
<b>09221</b>	<b>3/8 bsp x 3/8 pi</b>
<b>09222</b>	<b>1/2 bsp x 1/2 pi</b>
<b>09225</b>	<b>5/8 bsp x 5/8 pi</b>
<b>09223</b>	<b>3/4 bsp x 3/4 pi</b>
<b>09224</b>	<b>1 bsp x 1 pi</b>

All PUSH-INS not for use with Clips or Ferrules.



## BSP male x hose-tail STRAIGHT

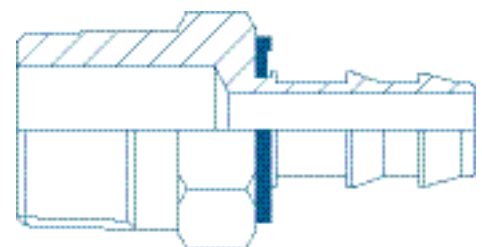
Code	Description
<b>19920</b>	<b>1/4 bsp x 1/4 hose-tail</b>
<b>19921</b>	<b>3/8 bsp x 3/8 hose-tail</b>
<b>19922</b>	<b>1/2 bsp x 1/2 hose-tail</b>
<b>19923</b>	<b>5/8 bsp x 5/8 hose-tail</b>
<b>19924</b>	<b>3/4 bsp x 3/4 hose-tail</b>
<b>19925</b>	<b>1 bsp x 1 hose-tail</b>
<b>19927</b>	<b>1-1/4 bsp x 1-1/4 hose-tail</b>



## BSPT male x PUSH-IN STRAIGHT

Code	Description
<b>09258</b>	<b>1/8 bspt x 1/4 pi</b>
<b>09250</b>	<b>1/4 bspt x 1/4 pi</b>
<b>09251</b>	<b>3/8 bspt x 3/8 pi</b>
<b>09252</b>	<b>3/8 bspt x 1/2 pi</b>
<b>09256</b>	<b>1/2 bspt x 3/8 pi</b>
<b>09253</b>	<b>1/2 bspt x 1/2 pi</b>
<b>09254</b>	<b>3/4 bspt x 3/4 pi</b>
<b>09255</b>	<b>1 bspt x 1 pi</b>

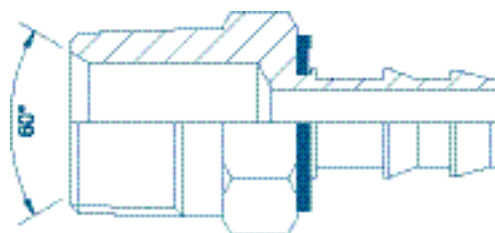
All PUSH-INS not for use with Clips or Ferrules.



## NPTF male x PUSH-IN STRAIGHT

Code	Description
<b>09212</b>	<b>1/8 nptf x 1/4 pi</b>
<b>09213</b>	<b>1/4 nptf x 1/4 pi</b>
<b>09218</b>	<b>1/4 nptf x 3/8 pi</b>
<b>09214</b>	<b>3/8 nptf x 3/8 pi</b>
<b>09219</b>	<b>3/8 nptf x 1/2 pi</b>
<b>09215</b>	<b>1/2 nptf x 1/2 pi</b>
<b>09216</b>	<b>3/4 nptf x 3/4 pi</b>
<b>09217</b>	<b>1 nptf x 1 pi</b>

All PUSH-INS not for use with Clips or Ferrules.



## NPSM female x hose-tail STRAIGHT

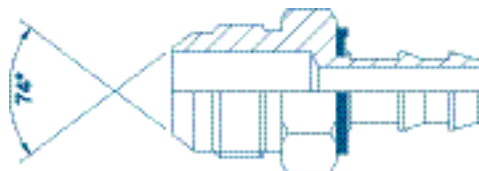
Code	Description
<b>50000</b>	<b>1/4 npsm x 1/4 hose-tail</b>
<b>50001</b>	<b>3/8 npsm x 3/8 hose-tail</b>



## JIC male x PUSH-IN STRAIGHT

Code	Description
<b>09711</b>	<b>7/16 jic x 1/4 pi</b>
<b>09712</b>	<b>9/16 jic x 3/8 pi</b>
<b>09713</b>	<b>3/4 jic x 1/2 pi</b>

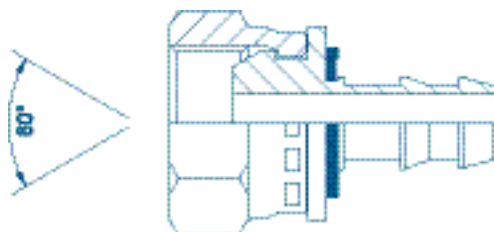
All PUSH-INS not for use with Clips or Ferrules.



## BSP swivel female x PUSH-IN STRAIGHT

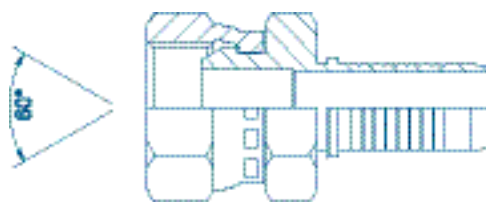
Code	Description
<b>09240</b>	<b>1/4 bsp x 1/4 pi</b>
<b>09246</b>	<b>1/4 bsp x 3/8 pi</b>
<b>09241</b>	<b>3/8 bsp x 3/8 pi</b>
<b>09242-06</b>	<b>1/2 bsp x 3/8 pi</b>
<b>09242</b>	<b>1/2 bsp x 1/2 pi</b>
<b>09243</b>	<b>5/8 bsp x 5/8 pi</b>
<b>09244</b>	<b>3/4 bsp x 3/4 pi</b>
<b>09245</b>	<b>1 bsp x 1 pi</b>

All PUSH-INS not for use with Clips or Ferrules.



## BSP swivel female x hose-tail STRAIGHT

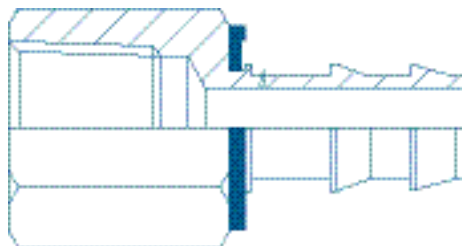
Code	Description
<b>93099</b>	<b>1/8 bsp x 1/8 hose-tail</b>
<b>93100</b>	<b>1/4 bsp x 1/4 hose-tail</b>
<b>93101</b>	<b>3/8 bsp x 3/8 hose-tail</b>
<b>93102</b>	<b>1/2 bsp x 1/2 hose-tail</b>
<b>93103</b>	<b>5/8 bsp x 5/8 hose-tail</b>
<b>93104</b>	<b>3/4 bsp x 3/4 hose-tail</b>
<b>93105</b>	<b>1 bsp x 1 hose-tail</b>
<b>93106</b>	<b>1-1/4 bsp x 1-1/4 hose-tail</b>
<b>93107</b>	<b>1-1/2 bsp x 1-1/2 hose-tail</b>
<b>93108</b>	<b>2 bsp x 2 hose-tail</b>



## NPTF fixed female x PUSH-IN STRAIGHT

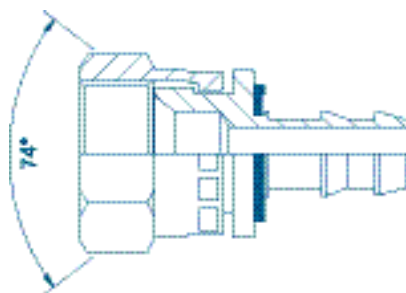
Code	Description
<b>16300</b>	<b>1/4 nptf x 1/4 pi</b>
<b>16301</b>	<b>3/8 nptf x 3/8 pi</b>
<b>16302</b>	<b>1/2 nptf x 1/2 pi</b>

All PUSH-INS not for use with Clips or Ferrules.



## JIC swivel female x PUSH-IN STRAIGHT

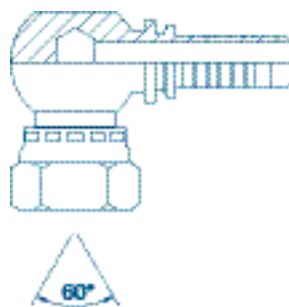
Code	Description
<b>09700</b>	<b>7/16 jic x 1/4 pi</b>
<b>09701</b>	<b>9/16 jic x 3/8 pi</b>
<b>09705</b>	<b>3/4 jic x 3/8 pi</b>
<b>09702</b>	<b>3/4 jic x 1/2 pi</b>
<b>09706</b>	<b>7/8 jic x 1/2 pi</b>
<b>09703</b>	<b>7/8 jic x 5/8 pi</b>
<b>09704</b>	<b>1-1/16 jic x 3/4 pi</b>
<b>09707</b>	<b>1-5/16 jic x 1 pi</b>



All PUSH-INS not for use with Clips or Ferrules.

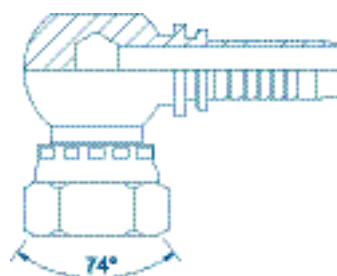
## BSP swivel female x hose-tail 90° compact

Code	Description
<b>80001</b>	<b>1/4</b> bsp x <b>1/4</b> hose-tail
<b>80002</b>	<b>3/8</b> bsp x <b>3/8</b> hose-tail
<b>80008</b>	<b>1/2</b> bsp x <b>3/8</b> hose-tail
<b>80003</b>	<b>1/2</b> bsp x <b>1/2</b> hose-tail
<b>80004</b>	<b>5/8</b> bsp x <b>5/8</b> hose-tail
<b>80005</b>	<b>3/4</b> bsp x <b>3/4</b> hose-tail
<b>80006</b>	<b>1</b> bsp x <b>1</b> hose-tail
<b>80007</b>	<b>1-1/4</b> bsp x <b>1-1/4</b> hose-tail



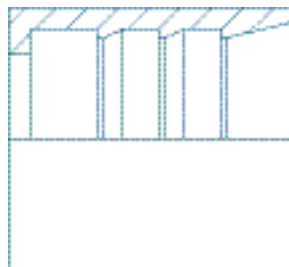
## JIC swivel female x hose-tail 90° compact

Code	Description
<b>82000</b>	<b>7/16</b> jic x <b>1/4</b> hose-tail
<b>82001</b>	<b>9/16</b> jic x <b>1/4</b> hose-tail
<b>82002</b>	<b>9/16</b> jic x <b>3/8</b> hose-tail
<b>82003</b>	<b>3/4</b> jic x <b>3/8</b> hose-tail
<b>82004</b>	<b>3/4</b> jic x <b>1/2</b> hose-tail
<b>82005</b>	<b>7/8</b> jic x <b>1/2</b> hose-tail
<b>82006</b>	<b>7/8</b> jic x <b>5/8</b> hose-tail
<b>82007</b>	<b>1-1/16</b> jic x <b>5/8</b> hose-tail
<b>82008</b>	<b>1-1/16</b> jic x <b>3/4</b> hose-tail
<b>82009</b>	<b>1-5/16</b> jic x <b>1</b> hose-tail



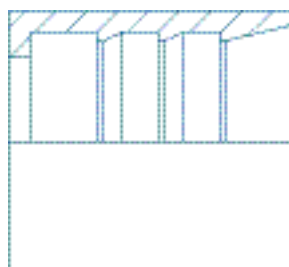
## R2A ferrules

Code	Description
<b>19939</b>	<b>1/8</b> r2a
<b>19940</b>	<b>1/4</b> r2a
<b>19941</b>	<b>3/8</b> r2a
<b>19942</b>	<b>1/2</b> r2a
<b>19943</b>	<b>5/8</b> r2a
<b>19944</b>	<b>3/4</b> r2a
<b>19945</b>	<b>1</b> r2a



## R2T ferrules for non-skived R2T hose

Code	Description
<b>19950</b>	<b>1/4</b> r2t
<b>19951</b>	<b>3/8</b> r2t
<b>19956</b>	<b>1/2</b> r2t
<b>19953</b>	<b>5/8</b> r2t
<b>19954</b>	<b>3/4</b> r2t
<b>19955</b>	<b>1</b> r2t

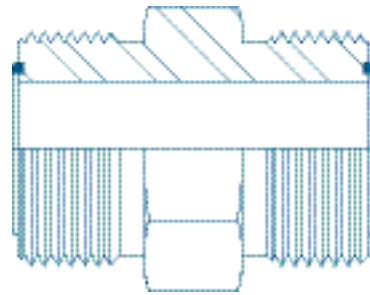


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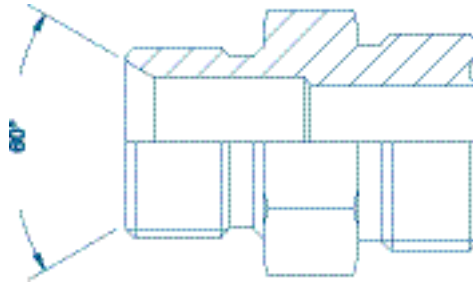
## ORFS male x ORFS male

Code	Description
<b>9305-04-04</b>	<b>9/16 orfs x 9/16 orfs</b>
<b>9305-06-06</b>	<b>11/16 orfs x 11/16 orfs</b>
<b>9305-08-08</b>	<b>13/16 orfs x 13/16 orfs</b>
<b>9305-10-10</b>	<b>1 orfs x 1 orfs</b>
<b>9305-12-12</b>	<b>1-3/16 orfs x 1-3/16 orfs</b>
<b>9305-16-16</b>	<b>1-7/16 orfs x 1-7/16 orfs</b>
<b>9305-20-20</b>	<b>1-11/16 orfs x 1-11/16 orfs</b>
<b>9305-24-24</b>	<b>2 orfs x 2 orfs</b>



## BSP male x ORFS male

Code	Description
<b>74005</b>	<b>1/8 bsp x 9/16 orfs</b>
<b>74024</b>	<b>1/8 bsp x 11/16 orfs</b>
<b>74000</b>	<b>1/4 bsp x 9/16 orfs</b>
<b>74006</b>	<b>1/4 bsp x 11/16 orfs</b>
<b>74019</b>	<b>3/8 bsp x 9/16 orfs</b>
<b>74001</b>	<b>3/8 bsp x 11/16 orfs</b>
<b>74007</b>	<b>3/8 bsp x 13/16 orfs</b>
<b>74015</b>	<b>1/2 bsp x 11/16 orfs</b>
<b>74002</b>	<b>1/2 bsp x 13/16 orfs</b>
<b>74008</b>	<b>1/2 bsp x 1 orfs</b>
<b>74011</b>	<b>1/2 bsp x 1-3/16 orfs</b>
<b>74018</b>	<b>5/8 bsp x 1 orfs</b>
<b>74014</b>	<b>5/8 bsp x 1-3/16 orfs</b>
<b>74009</b>	<b>3/4 bsp x 1 orfs</b>
<b>74003</b>	<b>3/4 bsp x 1-3/16 orfs</b>
<b>74016</b>	<b>3/4 bsp x 1-7/16 orfs</b>
<b>74004</b>	<b>1 bsp x 1-7/16 orfs</b>
<b>74012</b>	<b>1 bsp x 1-11/16 orfs</b>
<b>74022</b>	<b>1-1/4 bsp x 1-3/16 orfs</b>
<b>74010</b>	<b>1-1/4 bsp x 1-11/16 orfs</b>
<b>74013</b>	<b>1-1/2 bsp x 1-11/16 orfs</b>

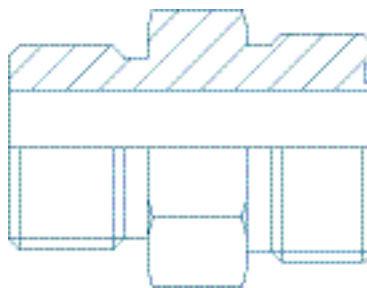


Other O'Ring Face Seal requirements available on quotation.

## SAE O'ring boss male LESS O'ring x ORFS male

Code	Description
<b>21300</b>	<b>7/16</b> sorb x <b>9/16</b> orfs
<b>21301</b>	<b>7/16</b> sorb x <b>11/16</b> orfs
<b>21319</b>	<b>9/16</b> sorb x <b>9/16</b> orfs
<b>21302</b>	<b>9/16</b> sorb x <b>11/16</b> orfs
<b>21303</b>	<b>9/16</b> sorb x <b>13/16</b> orfs
<b>21304</b>	<b>3/4</b> sorb x <b>11/16</b> orfs
<b>21305</b>	<b>3/4</b> sorb x <b>13/16</b> orfs
<b>21306</b>	<b>3/4</b> sorb x <b>1</b> orfs
<b>21318</b>	<b>7/8</b> sorb x <b>11/16</b> orfs
<b>21307</b>	<b>7/8</b> sorb x <b>13/16</b> orfs
<b>21308</b>	<b>7/8</b> sorb x <b>1</b> orfs
<b>21317</b>	<b>7/8</b> sorb x <b>1-3/16</b> orfs
<b>21320</b>	<b>1-1/16</b> sorb x <b>13/16</b> orfs
<b>21309</b>	<b>1-1/16</b> sorb x <b>1</b> orfs
<b>21310</b>	<b>1-1/16</b> sorb x <b>1-3/16</b> orfs
<b>21311</b>	<b>1-1/16</b> sorb x <b>1-7/16</b> orfs
<b>21312</b>	<b>1-5/16</b> sorb x <b>1-3/16</b> orfs
<b>21313</b>	<b>1-5/16</b> sorb x <b>1-7/16</b> orfs
<b>21314</b>	<b>1-5/8</b> sorb x <b>1-7/16</b> orfs
<b>21315</b>	<b>1-5/8</b> sorb x <b>1-11/16</b> orfs
<b>21321</b>	<b>1-7/8</b> sorb x <b>1-11/16</b> orfs
<b>21316</b>	<b>1-7/8</b> sorb x <b>2</b> orfs

Other O'Ring Face Seal requirements available on quotation.

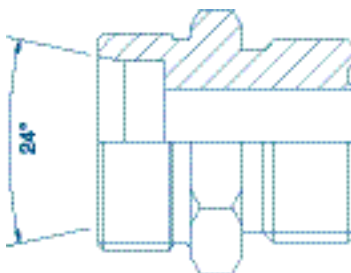


## METRIC male 1.5mm pitch 24° cone tube fitting x ORFS male

Code	Description
<b>474007-10</b>	<b>16</b> mm x <b>13/16</b> orfs
<b>474007-8</b>	<b>16</b> mm x <b>13/16</b> orfs

example: **474007** (fitting), **-8** (metric tube size).

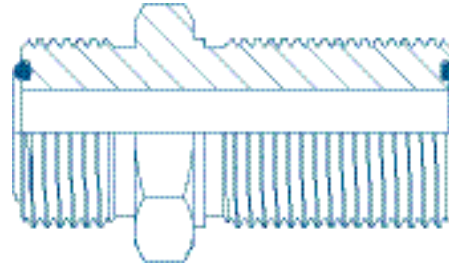
Other O'Ring Face Seal requirements available on quotation.





## ORFS male x ORFS male BULKHEAD ONLY

Code	Description
<b>9325-04</b>	<b>9/16</b> orfs
<b>9325-06</b>	<b>11/16</b> orfs
<b>9325-08</b>	<b>13/16</b> orfs
<b>9325-10</b>	<b>1</b> orfs
<b>9325-12</b>	<b>1-3/16</b> orfs
<b>9325-16</b>	<b>1-7/16</b> orfs
<b>9325-20</b>	<b>1-11/16</b> orfs



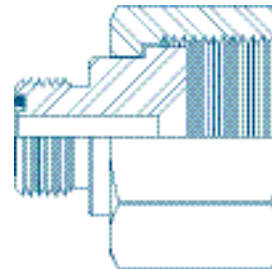
## ORFS male bulkhead LOCKNUT

Code	Description
<b>9925-04</b>	<b>9/16</b> orfs
<b>9925-06</b>	<b>11/16</b> orfs
<b>9925-08</b>	<b>13/16</b> orfs
<b>9925-10</b>	<b>1</b> orfs
<b>9925-12</b>	<b>1-3/16</b> orfs
<b>9925-16</b>	<b>1-7/16</b> orfs
<b>9925-20</b>	<b>1-11/16</b> orfs
<b>9925-24</b>	<b>2</b> orfs



## ORFS male x ORFS swivel female

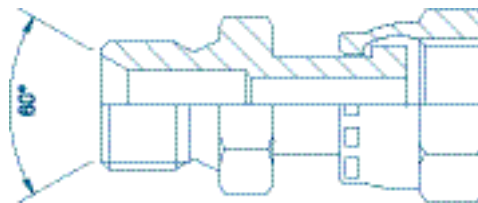
Code	Description
<b>9015-04-06AS</b>	<b>9/16</b> orfs x <b>11/16</b> orfs
<b>9015-04-12AS</b>	<b>9/16</b> orfs x <b>1-3/16</b> orfs
<b>9015-06-08AS</b>	<b>11/16</b> orfs x <b>13/16</b> orfs
<b>9015-06-12AS</b>	<b>11/16</b> orfs x <b>1-3/16</b> orfs
<b>9015-08-10AS</b>	<b>13/16</b> orfs x <b>1</b> orfs
<b>9015-10-12AS</b>	<b>1</b> orfs x <b>1-3/16</b> orfs
<b>9015-12-16AS</b>	<b>1-3/16</b> orfs x <b>1-7/16</b> orfs
<b>9015-16-20AS</b>	<b>1-7/16</b> orfs x <b>1-11/16</b> orfs



## BSP male x ORFS swivel female

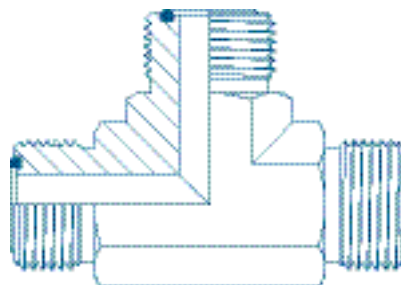
Code	Description
<b>96400</b>	<b>1/4 bsp x 9/16 orfs</b>
<b>96410</b>	<b>1/4 bsp x 11/16 orfs</b>
<b>96420</b>	<b>3/8 bsp x 9/16 orfs</b>
<b>96430</b>	<b>3/8 bsp x 11/16 orfs</b>
<b>96440</b>	<b>3/8 bsp x 13/16 orfs</b>
<b>96450</b>	<b>1/2 bsp x 13/16 orfs</b>
<b>96460</b>	<b>1/2 bsp x 1 orfs</b>
<b>96470</b>	<b>3/4 bsp x 1-3/16 orfs</b>
<b>96480</b>	<b>3/4 bsp x 1-7/16 orfs</b>
<b>96490</b>	<b>1 bsp x 1-7/16 orfs</b>
<b>96510</b>	<b>1 bsp x 1-11/16 orfs</b>
<b>96500</b>	<b>1-1/4 bsp x 1-11/16 orfs</b>

Other O'Ring Face Seal requirements available on quotation.



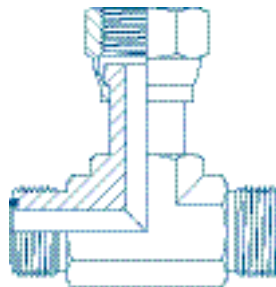
## ORFS male tee

Code	Description
<b>9705-04-04-04</b>	<b>9/16 orfs</b>
<b>9705-06-06-06</b>	<b>11/16 orfs</b>
<b>9705-08-08-08</b>	<b>13/16 orfs</b>
<b>9705-10-10-10</b>	<b>1 orfs</b>
<b>9705-12-12-12</b>	<b>1-3/16 orfs</b>
<b>9705-16-16-16</b>	<b>1-7/16 orfs</b>



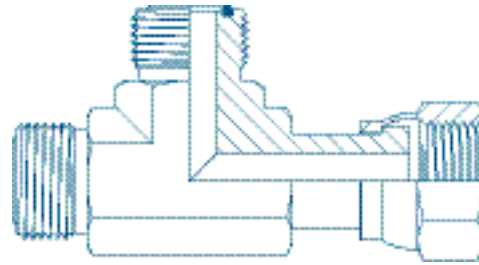
## ORFS male x ORFS male x ORFS swivel female tee

Code	Description
<b>9707-04-04-04</b>	<b>9/16 orfs</b>
<b>9707-06-06-06</b>	<b>11/16 orfs</b>
<b>9707-08-08-08</b>	<b>13/16 orfs</b>
<b>9707-10-10-10</b>	<b>1 orfs</b>
<b>9707-12-12-12</b>	<b>1-3/16 orfs</b>
<b>9707-16-16-16</b>	<b>1-7/16 orfs</b>
<b>9707-20-20-20</b>	<b>1-11/16 orfs</b>
<b>9707-24-24-24</b>	<b>2 orfs</b>



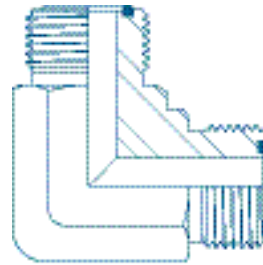
## ORFS male x ORFS swivel female x ORFS male tee

Code	Description
<b>9706-04-04-04</b>	<b>9/16</b> orfs
<b>9706-06-06-06</b>	<b>11/16</b> orfs
<b>9706-08-08-08</b>	<b>13/16</b> orfs
<b>9706-10-10-10</b>	<b>1</b> orfs
<b>9706-12-12-12</b>	<b>1-3/16</b> orfs
<b>9706-16-16-16</b>	<b>1-7/16</b> orfs
<b>9706-20-20-20</b>	<b>1-11/16</b> orfs
<b>9706-24-24-24</b>	<b>2</b> orfs



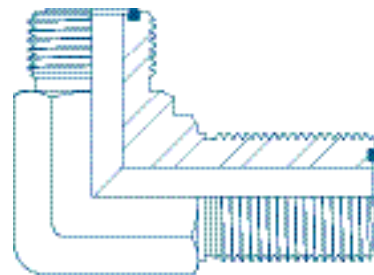
## ORFS male x ORFS male 90° forged compact elbow

Code	Description
<b>9505-04-04</b>	<b>9/16</b> orfs
<b>9505-06-06</b>	<b>11/16</b> orfs
<b>9505-08-08</b>	<b>13/16</b> orfs
<b>9505-10-10</b>	<b>1</b> orfs
<b>9505-12-12</b>	<b>1-3/16</b> orfs
<b>9505-16-16</b>	<b>1-7/16</b> orfs
<b>9505-20-20</b>	<b>1-11/16</b> orfs
<b>9505-24-24</b>	<b>2</b> orfs



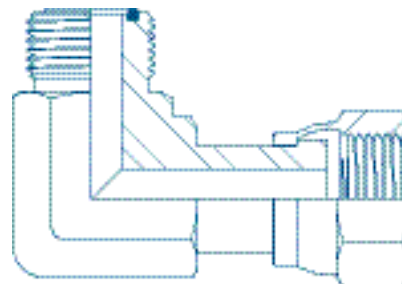
## ORFS male x ORFS male BULKHEAD 90° ONLY

Code	Description
<b>9525-04-04</b>	<b>9/16</b> orfs
<b>9525-06-06</b>	<b>11/16</b> orfs
<b>9525-08-08</b>	<b>13/16</b> orfs
<b>9525-10-10</b>	<b>1</b> orfs
<b>9525-12-12</b>	<b>1-3/16</b> orfs
<b>9525-16-16</b>	<b>1-7/16</b> orfs
<b>9525-20-20</b>	<b>1-11/16</b> orfs
<b>9525-24-24</b>	<b>2</b> orfs



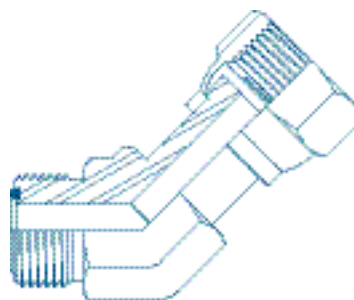
## ORFS male x ORFS swivel female 90° forged compact elbow

Code	Description
<b>9506-04-04</b>	<b>9/16</b> orfs
<b>9506-06-06</b>	<b>11/16</b> orfs
<b>9506-08-08</b>	<b>13/16</b> orfs
<b>9506-10-10</b>	<b>1</b> orfs
<b>9506-12-12</b>	<b>1-3/16</b> orfs
<b>9506-16-16</b>	<b>1-7/16</b> orfs
<b>9506-20-20</b>	<b>1-11/16</b> orfs
<b>9506-24-24</b>	<b>2</b> orfs



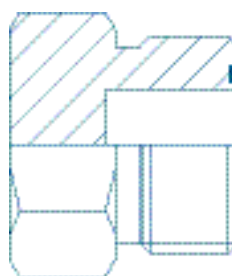
## ORFS male x ORFS swivel female 45° forged compact elbow

Code	Description
<b>9356-04-04</b>	<b>9/16</b> orfs
<b>9356-06-06</b>	<b>11/16</b> orfs
<b>9356-08-08</b>	<b>13/16</b> orfs
<b>9356-10-10</b>	<b>1</b> orfs
<b>9356-12-12</b>	<b>1-3/16</b> orfs
<b>9356-16-16</b>	<b>1-7/16</b> orfs
<b>9356-20-20</b>	<b>1-11/16</b> orfs
<b>9356-24-24</b>	<b>2</b> orfs



## SAE O'ring face plugs WITH O'RING

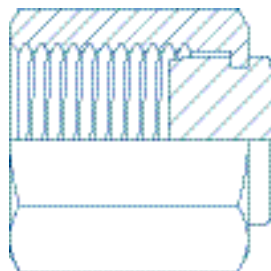
Code	Description
<b>96000</b>	<b>9/16</b> orfs
<b>96001</b>	<b>11/16</b> orfs
<b>96002</b>	<b>13/16</b> orfs
<b>96003</b>	<b>1</b> orfs
<b>96004</b>	<b>1-3/16</b> orfs
<b>96005</b>	<b>1-7/16</b> orfs
<b>96006</b>	<b>1-11/16</b> orfs



Other O'Ring Face Seal requirements available on quotation.

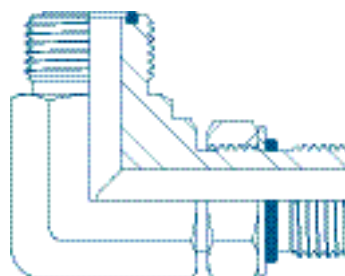
## ORFS caps

Code	Description
<b>9129-04</b>	<b>9/16</b> orfs
<b>9129-06</b>	<b>11/16</b> orfs
<b>9129-08</b>	<b>13/16</b> orfs
<b>9129-10</b>	<b>1</b> orfs
<b>9129-12</b>	<b>1-3/16</b> orfs
<b>9129-16</b>	<b>1-7/16</b> orfs
<b>9129-20</b>	<b>1-11/16</b> orfs
<b>9129-24</b>	<b>2</b> orfs



## ORFS male x BSP male 90° positional forged elbow

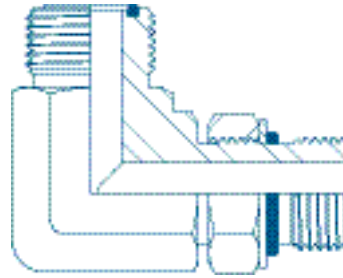
Code	Description
<b>9515-04-04B</b>	<b>9/16</b> orfs x <b>1/4</b> bsp
<b>9515-06-06B</b>	<b>11/16</b> orfs x <b>3/8</b> bsp
<b>9515-08-06B</b>	<b>13/16</b> orfs x <b>3/8</b> bsp
<b>9515-08-08B</b>	<b>13/16</b> orfs x <b>1/2</b> bsp
<b>9515-10-08B</b>	<b>1</b> orfs x <b>1/2</b> bsp
<b>9515-10-10B</b>	<b>1</b> orfs x <b>5/8</b> bsp
<b>9515-12-08B</b>	<b>1-3/16</b> orfs x <b>1/2</b> bsp
<b>9515-12-12B</b>	<b>1-3/16</b> orfs x <b>3/4</b> bsp
<b>9515-16-16B</b>	<b>1-7/16</b> orfs x <b>1</b> bsp



## ORFS male x METRIC male 1.5mm pitch 90° positional forged elbow

Code	Description
<b>9515-04-M10</b>	<b>9/16</b> orfs x <b>10</b> mm x <b>1</b> mm
<b>9515-04-M12</b>	<b>9/16</b> orfs x <b>12</b> mm
<b>9515-04-M14</b>	<b>9/16</b> orfs x <b>14</b> mm
<b>9515-04-M16</b>	<b>9/16</b> orfs x <b>16</b> mm
<b>9515-04-M18</b>	<b>9/16</b> orfs x <b>18</b> mm
<b>9515-06-M16</b>	<b>11/16</b> orfs x <b>16</b> mm
<b>9515-06-M18</b>	<b>11/16</b> orfs x <b>18</b> mm
<b>9515-06-M20</b>	<b>11/16</b> orfs x <b>20</b> mm
<b>9515-06-M22</b>	<b>11/16</b> orfs x <b>22</b> mm
<b>9515-08-M12</b>	<b>13/16</b> orfs x <b>12</b> mm
<b>9515-08-M14</b>	<b>13/16</b> orfs x <b>14</b> mm
<b>9515-08-M16</b>	<b>13/16</b> orfs x <b>16</b> mm
<b>9515-08-M18</b>	<b>13/16</b> orfs x <b>18</b> mm
<b>9515-08-M20</b>	<b>13/16</b> orfs x <b>20</b> mm
<b>9515-08-M22</b>	<b>13/16</b> orfs x <b>22</b> mm
<b>9515-10-M16</b>	<b>1</b> orfs x <b>16</b> mm
<b>9515-10-M18</b>	<b>1</b> orfs x <b>18</b> mm
<b>9515-10-M20</b>	<b>1</b> orfs x <b>20</b> mm
<b>9515-10-M22</b>	<b>1</b> orfs x <b>22</b> mm

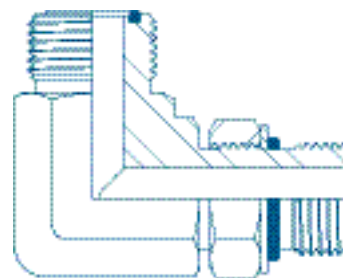
Code	Description
<b>9515-12-M16</b>	<b>1-3/16</b> orfs x <b>16</b> mm
<b>9515-12-M18</b>	<b>1-3/16</b> orfs x <b>18</b> mm
<b>9515-12-M20</b>	<b>1-3/16</b> orfs x <b>20</b> mm
<b>9515-12-M22</b>	<b>1-3/16</b> orfs x <b>22</b> mm
<b>9515-12-M24</b>	<b>1-3/16</b> orfs x <b>24</b> mm
<b>9515-12-M26</b>	<b>1-3/16</b> orfs x <b>26</b> mm



## ORFS male x UNF male 90° positional forged elbow

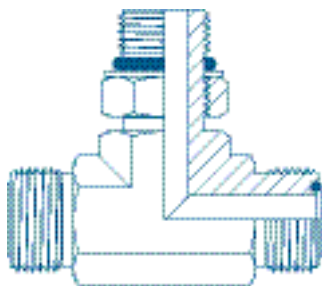
Code	Description
<b>9515-04-04</b>	<b>9/16</b> orfs x <b>7/16</b> unf
<b>9515-04-06</b>	<b>9/16</b> orfs x <b>9/16</b> unf
<b>9515-06-06</b>	<b>11/16</b> orfs x <b>9/16</b> unf
<b>9515-06-08</b>	<b>11/16</b> orfs x <b>3/4</b> unf
<b>9515-08-08</b>	<b>13/16</b> orfs x <b>3/4</b> unf
<b>9515-10-10</b>	<b>1</b> orfs x <b>7/8</b> unf
<b>9515-10-12</b>	<b>1</b> orfs x <b>1-1/16</b> unf
<b>9515-12-08</b>	<b>1-3/16</b> orfs x <b>3/4</b> unf
<b>9515-12-12</b>	<b>1-3/16</b> orfs x <b>1-1/16</b> unf
<b>9515-12-16</b>	<b>1-3/16</b> orfs x <b>1-5/16</b> unf
<b>9515-16-16</b>	<b>1-7/16</b> orfs x <b>1-5/16</b> unf
<b>9515-20-20</b>	<b>1-11/16</b> orfs x <b>1-5/8</b> unf

Also available in 45° - please enquire.



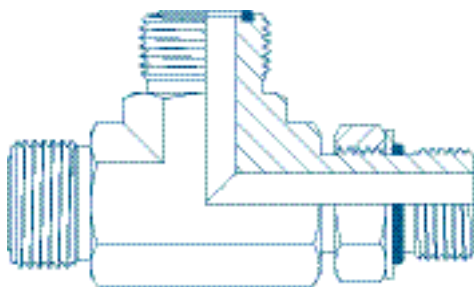
## ORFS male x ORFS male x UNF male positional tee

Code	Description
<b>9715-04-04-04</b>	<b>9/16</b> orfs x <b>9/16</b> orfs x <b>7/16</b> unf
<b>9715-06-06-06</b>	<b>11/16</b> orfs x <b>11/16</b> orfs x <b>9/16</b> unf
<b>9715-08-08-08</b>	<b>13/16</b> orfs x <b>13/16</b> orfs x <b>3/4</b> unf
<b>9715-10-10-10</b>	<b>1</b> orfs x <b>1</b> orfs x <b>7/8</b> unf
<b>9715-12-12-12</b>	<b>1-3/16</b> orfs x <b>1-3/16</b> orfs x <b>1-1/16</b> unf
<b>9715-16-16-16</b>	<b>1-7/16</b> orfs x <b>1-7/16</b> orfs x <b>1-5/16</b> unf
<b>9715-20-20-20</b>	<b>1-11/16</b> orfs x <b>1-11/16</b> orfs x <b>1-5/8</b> unf
<b>9715-24-24-24</b>	<b>2</b> orfs x <b>2</b> orfs x <b>1-7/8</b> unf



## ORFS male x UNF male positional x ORFS male tee

Code	Description
<b>9716-04-04-04</b>	<b>9/16</b> orfs x <b>7/16</b> unf x <b>9/16</b> orfs
<b>9716-06-06-06</b>	<b>11/16</b> orfs x <b>9/16</b> unf x <b>11/16</b> orfs
<b>9716-08-08-08</b>	<b>13/16</b> orfs x <b>3/4</b> unf x <b>13/16</b> orfs
<b>9716-10-10-10</b>	<b>1</b> orfs x <b>7/8</b> unf x <b>1</b> orfs
<b>9716-12-12-12</b>	<b>1-3/16</b> orfs x <b>1-1/16</b> unf x <b>1-3/16</b> orfs
<b>9716-16-16-16</b>	<b>1-7/16</b> orfs x <b>1-5/16</b> unf x <b>1-7/16</b> orfs
<b>9716-20-20-20</b>	<b>1-11/16</b> orfs x <b>1-5/8</b> unf x <b>1-11/16</b> orfs
<b>9716-24-24-24</b>	<b>2</b> orfs x <b>1-7/8</b> unf x <b>2</b> orfs



## Contents Section 10

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<b>118</b>	BSP male x BSP male 90° positional forged elbow
<b>118</b>	BSP male x BSP male 45° positional forged elbow

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<b>118</b>	JIC male x BSP male 90° positional forged elbow
<b>119</b>	JIC male x UNF male 90° positional forged elbow
<b>119</b>	JIC male x UNF male 45° positional forged elbow
<b>119</b>	JIC male x METRIC male 1.5mm pitch 90° positional forged elbow

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<b>120</b>	JIC male x JIC male 90° forged compact elbow
<b>120</b>	JIC male x JIC male bulkhead 90° forged compact elbow
<b>120</b>	JIC male x JIC male bulkhead 45° forged compact elbow

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<b>121</b>	JIC male x JIC swivel female 90° forged compact elbow
<b>121</b>	JIC male x JIC swivel female 45° forged compact elbow

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<b>121</b>	NPTF male x JIC male 90° forged compact elbow
<b>122</b>	NPTF male x JIC male 45° forged compact elbow

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<b>122</b>	BSP swivel female x BSP swivel female 90° forged compact elbow
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<b>122</b>	BSP male x BSP swivel female 90° forged compact elbow
<b>122</b>	BSP male x BSP swivel female 45° forged compact elbow

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<b>123</b>	JIC male tee forged
<b>123</b>	JIC male x JIC male x UNF male positional tee
<b>123</b>	JIC male x UNF male positional x JIC male tee

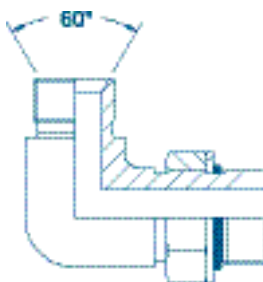
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<b>124</b>	JIC male x JIC male x JIC swivel female forged branch tee
<b>124</b>	JIC male x JIC swivel female x JIC male forged branch tee

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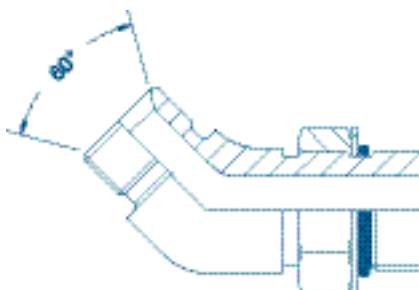
## BSP male x BSP male 90° positional forged elbow

Code	Description
<b>03051FDPOS</b>	<b>1/4 bsp</b>
<b>03053FDPOS</b>	<b>3/8 bsp</b>
<b>03054FDPOS</b>	<b>1/2 bsp</b>
<b>03056FDPOS</b>	<b>3/4 bsp</b>
<b>03057FDPOS</b>	<b>1 bsp</b>
<b>03058FDPOS</b>	<b>1-1/4 bsp</b>



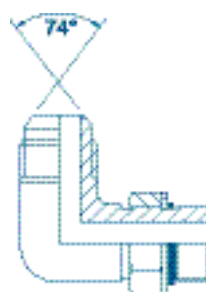
## BSP male x BSP male 45° positional forged elbow

Code	Description
<b>03051FDPOS-45</b>	<b>1/4 bsp</b>
<b>03053FDPOS-45</b>	<b>3/8 bsp</b>
<b>03054FDPOS-45</b>	<b>1/2 bsp</b>
<b>03056FDPOS-45</b>	<b>3/4 bsp</b>
<b>03057FDPOS-45</b>	<b>1 bsp</b>
<b>03058FDPOS-45</b>	<b>1-1/4 bsp</b>



## JIC male x BSP male 90° positional forged elbow

Code	Description
<b>27070FDPOS</b>	<b>7/16 jic x 1/4 bsp</b>
<b>27072FDPOS</b>	<b>9/16 jic x 1/4 bsp</b>
<b>27073FDPOS</b>	<b>9/16 jic x 3/8 bsp</b>
<b>27077FDPOS</b>	<b>3/4 jic x 3/8 bsp</b>
<b>27074FDPOS</b>	<b>3/4 jic x 1/2 bsp</b>
<b>27080FDPOS</b>	<b>7/8 jic x 3/8 bsp</b>
<b>27079FDPOS</b>	<b>7/8 jic x 1/2 bsp</b>
<b>27075FDPOS</b>	<b>1-1/16 jic x 3/4 bsp</b>
<b>27076FDPOS</b>	<b>1-5/16 jic x 1 bsp</b>
<b>27067FDPOS</b>	<b>1-7/8 jic x 1-1/2 bsp</b>





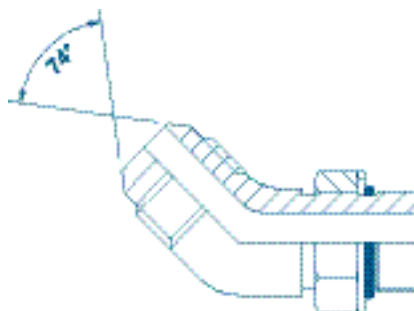
## JIC male x UNF male 90° positional forged elbow

Code	Description
<b>03085FDPOS</b>	<b>7/16 jic x 7/16 unf</b>
<b>03085-06FDPOS</b>	<b>7/16 jic x 9/16 unf</b>
<b>03086FDPOS</b>	<b>1/2 jic x 1/2 unf</b>
<b>03087-04FDPOS</b>	<b>9/16 jic x 7/16 unf</b>
<b>03087FDPOS</b>	<b>9/16 jic x 9/16 unf</b>
<b>03095FDPOS</b>	<b>3/4 jic x 9/16 unf</b>
<b>03088FDPOS</b>	<b>3/4 jic x 3/4 unf</b>
<b>03089-06FDPOS</b>	<b>7/8 jic x 9/16 unf</b>
<b>03096FDPOS</b>	<b>7/8 jic x 3/4 unf</b>
<b>03089FDPOS</b>	<b>7/8 jic x 7/8 unf</b>
<b>03090FDPOS</b>	<b>1-1/16 jic x 1-1/16 unf</b>
<b>03090-16FDPOS</b>	<b>1-1/16 jic x 1-5/16 unf</b>
<b>03092FDPOS</b>	<b>1-5/16 jic x 1-5/16 unf</b>
<b>03094FDPOS</b>	<b>1-5/8 jic x 1-5/8 unf</b>



## JIC male x UNF male 45° positional forged elbow

Code	Description
<b>03085FDPOS-45</b>	<b>7/16 jic x 7/16 unf</b>
<b>03086FDPOS-45</b>	<b>1/2 jic x 1/2 unf</b>
<b>03087FDPOS-45</b>	<b>9/16 jic x 9/16 unf</b>
<b>03088FDPOS-45</b>	<b>3/4 jic x 3/4 unf</b>
<b>03089FDPOS-45</b>	<b>7/8 jic x 7/8 unf</b>
<b>03090FDPOS-45</b>	<b>1-1/16 jic x 1-1/16 unf</b>
<b>03092FDPOS-45</b>	<b>1-5/16 jic x 1-5/16 unf</b>



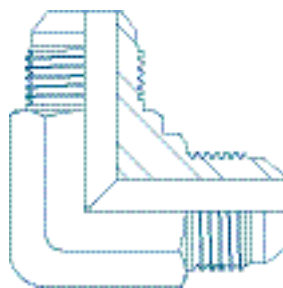
## JIC male x METRIC male 1.5mm pitch 90° positional forged elbow

Code	Description
<b>29499FDPOS</b>	<b>7/16 jic x 10 mm x 1mm</b>
<b>29500FDPOS</b>	<b>7/16 jic x 12 mm</b>
<b>29501FDPOS</b>	<b>7/16 jic x 14 mm</b>
<b>29502FDPOS</b>	<b>9/16 jic x 16 mm</b>
<b>29503FDPOS</b>	<b>9/16 jic x 18 mm</b>
<b>29504FDPOS</b>	<b>3/4 jic x 16 mm</b>
<b>29505FDPOS</b>	<b>3/4 jic x 18 mm</b>
<b>29506FDPOS</b>	<b>3/4 jic x 20 mm</b>
<b>29507FDPOS</b>	<b>3/4 jic x 22 mm</b>
<b>29508FDPOS</b>	<b>7/8 jic x 22 mm</b>
<b>29509FDPOS</b>	<b>1-1/16 jic x 22 mm</b>



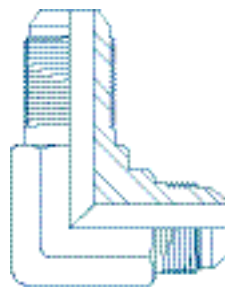
## JIC male x JIC male 90° forged compact elbow

Code	Description
<b>03085FD</b>	<b>7/16 jic x 7/16 jic</b>
<b>03086FD</b>	<b>1/2 jic x 1/2 jic</b>
<b>03087FD</b>	<b>9/16 jic x 9/16 jic</b>
<b>03088FD</b>	<b>3/4 jic x 3/4 jic</b>
<b>03089FD</b>	<b>7/8 jic x 7/8 jic</b>
<b>03090FD</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>03091FD</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>03092FD</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>03094FD</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>03093FD</b>	<b>1-7/8 jic x 1-7/8 jic</b>



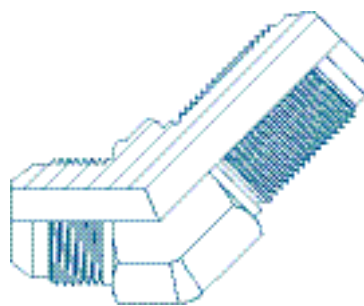
## JIC male x JIC male BULKHEAD 90° forged compact elbow

Code	Description
<b>10525-03</b>	<b>3/8 jic x 3/8 jic</b>
<b>10525-04</b>	<b>7/16 jic x 7/16 jic</b>
<b>10525-05</b>	<b>1/2 jic x 1/2 jic</b>
<b>10525-06</b>	<b>9/16 jic x 9/16 jic</b>
<b>10525-08</b>	<b>3/4 jic x 3/4 jic</b>
<b>10525-10</b>	<b>7/8 jic x 7/8 jic</b>
<b>10525-12</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>10525-16</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>10525-20</b>	<b>1-5/8 jic x 1-5/8 jic</b>



## JIC male x JIC male BULKHEAD 45° forged compact elbow

Code	Description
<b>10375-04</b>	<b>7/16 jic x 7/16 jic</b>
<b>10375-05</b>	<b>1/2 jic x 1/2 jic</b>
<b>10375-06</b>	<b>9/16 jic x 9/16 jic</b>
<b>10375-08</b>	<b>3/4 jic x 3/4 jic</b>
<b>10375-10</b>	<b>7/8 jic x 7/8 jic</b>
<b>10375-12</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>10375-16</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>10375-20</b>	<b>1-5/8 jic x 1-5/8 jic</b>



Please see Section 1 for Locknuts.

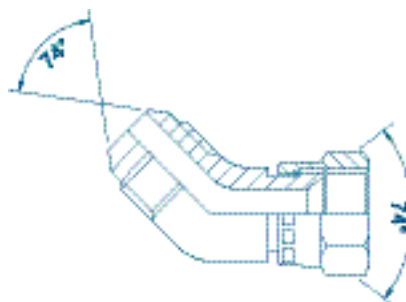
## JIC male x JIC swivel female 90° forged compact elbow

Code	Description
<b>05050FD</b>	<b>7/16 jic x 7/16 jic</b>
<b>05051FD</b>	<b>1/2 jic x 1/2 jic</b>
<b>05052FD</b>	<b>9/16 jic x 9/16 jic</b>
<b>05053FD</b>	<b>3/4 jic x 3/4 jic</b>
<b>05054FD</b>	<b>7/8 jic x 7/8 jic</b>
<b>05055FD</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>05057FD</b>	<b>1-3/16 jic x 1-3/16 jic</b>
<b>05056FD</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>05058FD</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>05059FD</b>	<b>1-7/8 jic x 1-7/8 jic</b>



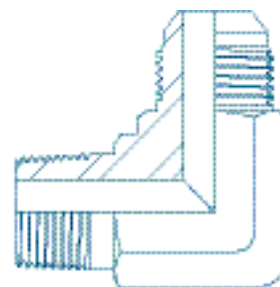
## JIC male x JIC swivel female 45° forged compact elbow

Code	Description
<b>05050/45FD</b>	<b>7/16 jic x 7/16 jic</b>
<b>05051/45FD</b>	<b>1/2 jic x 1/2 jic</b>
<b>05052/45FD</b>	<b>9/16 jic x 9/16 jic</b>
<b>05053/45FD</b>	<b>3/4 jic x 3/4 jic</b>
<b>05054/45FD</b>	<b>7/8 jic x 7/8 jic</b>
<b>05055/45FD</b>	<b>1-1/16 jic x 1-1/16 jic</b>
<b>05056/45FD</b>	<b>1-5/16 jic x 1-5/16 jic</b>
<b>05058/45FD</b>	<b>1-5/8 jic x 1-5/8 jic</b>
<b>05059/45FD</b>	<b>1-7/8 jic x 1-7/8 jic</b>



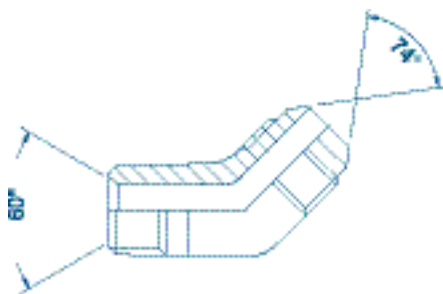
## NPTF male x JIC male 90° forged compact elbow

Code	Description
<b>04050FD</b>	<b>1/8 nptf x 7/16 jic</b>
<b>04053FD</b>	<b>1/4 nptf x 7/16 jic</b>
<b>04057FD</b>	<b>3/8 nptf x 7/16 jic</b>
<b>04059FD</b>	<b>3/8 nptf x 9/16 jic</b>
<b>04060FD</b>	<b>3/8 nptf x 3/4 jic</b>
<b>04064FD</b>	<b>1/2 nptf x 9/16 jic</b>
<b>04065FD</b>	<b>1/2 nptf x 3/4 jic</b>
<b>04066FD</b>	<b>1/2 nptf x 7/8 jic</b>
<b>04071FD</b>	<b>3/4 nptf x 3/4 jic</b>
<b>04072FD</b>	<b>3/4 nptf x 7/8 jic</b>
<b>04073FD</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>04076FD</b>	<b>1 nptf x 1-5/16 jic</b>
<b>04079FD</b>	<b>1-1/4 nptf x 1-5/8 jic</b>
<b>04080FD</b>	<b>1-1/2 nptf x 1-7/8 jic</b>
<b>04081FD</b>	<b>2 nptf x 2-1/2 jic</b>



## NPTF male x JIC male 45° forged compact elbow

Code	Description
<b>04050/45FD</b>	<b>1/8 nptf x 7/16 jic</b>
<b>04053/45FD</b>	<b>1/4 nptf x 7/16 jic</b>
<b>04055/45FD</b>	<b>1/4 nptf x 9/16 jic</b>
<b>04059/45FD</b>	<b>3/8 nptf x 9/16 jic</b>
<b>04060/45FD</b>	<b>3/8 nptf x 3/4 jic</b>
<b>04065/45FD</b>	<b>1/2 nptf x 3/4 jic</b>
<b>04066/45FD</b>	<b>1/2 nptf x 7/8 jic</b>
<b>04073/45FD</b>	<b>3/4 nptf x 1-1/16 jic</b>
<b>04075/45FD</b>	<b>3/4 nptf x 1-5/16 jic</b>
<b>04076/45FD</b>	<b>1 nptf x 1-5/16 jic</b>



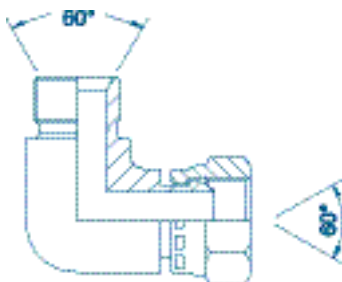
## BSP swivel female x BSP swivel female 90° forged compact elbow

Code	Description
<b>05026FD</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05027FD</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05028FD</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05030FD</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05031FD</b>	<b>1 bsp x 1 bsp</b>



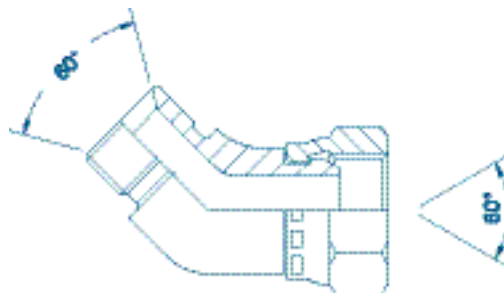
## BSP male x BSP swivel female 90° forged compact elbow

Code	Description
<b>05000FD</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05001FD</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05002FD</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05004FD</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05005FD</b>	<b>1 bsp x 1 bsp</b>
<b>05018FD</b>	<b>1-1/4 bsp x 1-1/4 bsp</b>
<b>05007FD</b>	<b>1-1/2 bsp x 1-1/2 bsp</b>



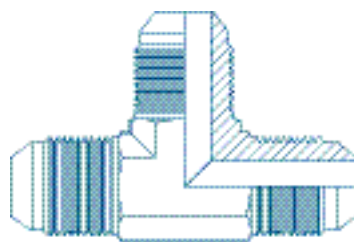
## BSP male x BSP swivel female 45° forged compact elbow

Code	Description
<b>05000/45FD</b>	<b>1/4 bsp x 1/4 bsp</b>
<b>05001/45FD</b>	<b>3/8 bsp x 3/8 bsp</b>
<b>05002/45FD</b>	<b>1/2 bsp x 1/2 bsp</b>
<b>05004/45FD</b>	<b>3/4 bsp x 3/4 bsp</b>
<b>05005/45FD</b>	<b>1 bsp x 1 bsp</b>



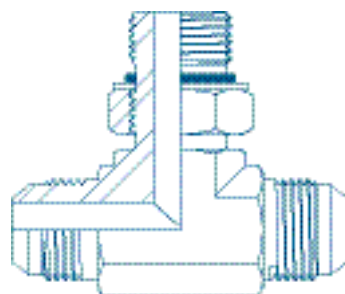
## JIC male forged tee

Code	Description
<b>01949FD</b>	<b>3/8</b> jic
<b>01950FD</b>	<b>7/16</b> jic
<b>01952FD</b>	<b>9/16</b> jic
<b>01953FD</b>	<b>3/4</b> jic
<b>01954FD</b>	<b>7/8</b> jic
<b>01955FD</b>	<b>1-1/16</b> jic



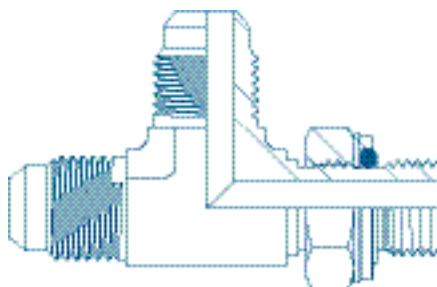
## JIC male x JIC male x UNF male positional tee

Code	Description
<b>10715-04-04-04</b>	<b>7/16</b> jic x <b>7/16</b> jic x <b>7/16</b> unf
<b>10715-05-05-05</b>	<b>1/2</b> jic x <b>1/2</b> jic x <b>1/2</b> unf
<b>10715-06-06-06</b>	<b>9/16</b> jic x <b>9/16</b> jic x <b>9/16</b> unf
<b>10715-08-08-08</b>	<b>3/4</b> jic x <b>3/4</b> jic x <b>3/4</b> unf
<b>10715-10-10-10</b>	<b>7/8</b> jic x <b>7/8</b> jic x <b>7/8</b> unf
<b>10715-12-12-12</b>	<b>1-1/16</b> jic x <b>1-1/16</b> jic x <b>1-1/16</b> unf
<b>10715-14-14-14</b>	<b>1-3/16</b> jic x <b>1-3/16</b> jic x <b>1-3/16</b> unf
<b>10715-16-16-16</b>	<b>1-5/16</b> jic x <b>1-5/16</b> jic x <b>1-5/16</b> unf
<b>10715-20-20-20</b>	<b>1-5/8</b> jic x <b>1-5/8</b> jic x <b>1-5/8</b> unf
<b>10715-24-24-24</b>	<b>1-7/8</b> jic x <b>1-7/8</b> jic x <b>1-7/8</b> unf



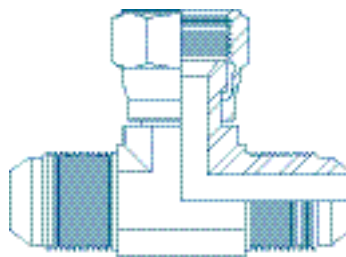
## JIC male x UNF positional male x JIC male tee

Code	Description
<b>10716-04-04-04</b>	<b>7/16</b> jic x <b>7/16</b> unf x <b>7/16</b> jic
<b>10716-05-05-05</b>	<b>1/2</b> jic x <b>1/2</b> unf x <b>1/2</b> jic
<b>10716-06-06-06</b>	<b>9/16</b> jic x <b>9/16</b> unf x <b>9/16</b> jic
<b>10716-08-08-08</b>	<b>3/4</b> jic x <b>3/4</b> unf x <b>3/4</b> jic
<b>10716-10-10-10</b>	<b>7/8</b> jic x <b>7/8</b> unf x <b>7/8</b> jic
<b>10716-12-12-12</b>	<b>1-1/16</b> jic x <b>1-1/16</b> unf x <b>1-1/16</b> jic
<b>10716-14-14-14</b>	<b>1-3/16</b> jic x <b>1-3/16</b> unf x <b>1-3/16</b> jic
<b>10716-16-16-16</b>	<b>1-5/16</b> jic x <b>1-5/16</b> unf x <b>1-5/16</b> jic
<b>10716-20-20-20</b>	<b>1-5/8</b> jic x <b>1-5/8</b> unf x <b>1-5/8</b> jic
<b>10716-24-24-24</b>	<b>1-7/8</b> jic x <b>1-7/8</b> unf x <b>1-7/8</b> jic



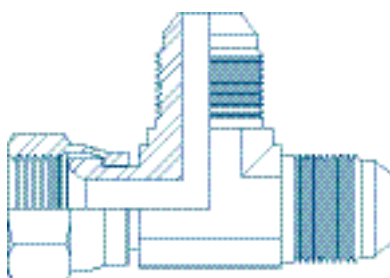
## JIC male x JIC male x JIC swivel female branch forged tee

Code	Description
<b>02053FD</b>	<b>7/16</b> jic
<b>02050FD</b>	<b>9/16</b> jic
<b>02051FD</b>	<b>3/4</b> jic
<b>02054FD</b>	<b>1-1/16</b> jic



## JIC male x JIC swivel female x JIC male branch forged tee

Code	Description
<b>12040FD</b>	<b>7/16</b> jic
<b>12042FD</b>	<b>9/16</b> jic
<b>12043FD</b>	<b>3/4</b> jic
<b>12044FD</b>	<b>7/8</b> jic
<b>12045FD</b>	<b>1-1/16</b> jic
<b>12046FD</b>	<b>1-5/16</b> jic
<b>12047FD</b>	<b>1-5/8</b> jic

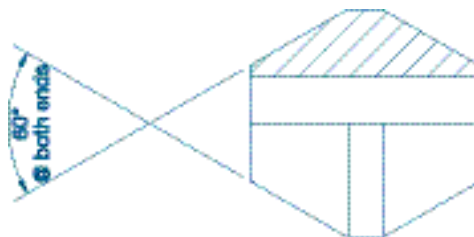


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<b>126</b>	60° double cones for BSP ends
<b>126</b>	60° double cones for METRIC ends
<b>126</b>	JIS male x JIS male (BSP threads)
<b>126</b>	BSP male x JIS male (BSP threads)
<b>127</b>	BSPT male x JIS male (BSP threads)
<b>127</b>	JIC male x JIS male (BSP threads)
<b>127</b>	JIS solid plug (BSP threads)
<b>127</b>	JIS fixed female cap (BSP threads)
<b>128</b>	JIC male x JIS fixed female extended 60° internal seat (BSP threads)
<b>128</b>	JIS male x JIS male (METRIC threads)
<b>128</b>	JIC male x JIS male (METRIC threads)
<b>128</b>	JIS solid plug (METRIC threads)
<b>129</b>	JIS fixed female cap (METRIC threads)
<b>129</b>	JIC male x JIS fixed female extended 60° internal seat (METRIC threads)
<b>129</b>	JIS male x JIS swivel female 90° swept elbow (BSP threads)

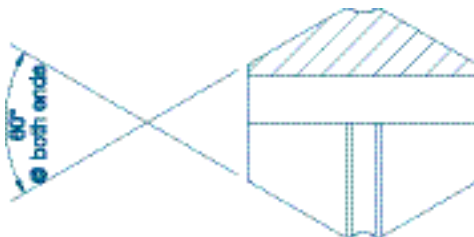
## 60° double cones for BSP ends

Code	Description
<b>DC-04</b>	<b>1/4 bsp</b>
<b>DC-06</b>	<b>3/8 bsp</b>
<b>DC-08</b>	<b>1/2 bsp</b>
<b>DC-12</b>	<b>3/4 bsp</b>
<b>DC-16</b>	<b>1 bsp</b>
<b>DC-20</b>	<b>1-1/4 bsp</b>



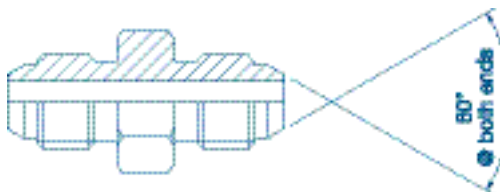
## 60° double cones for METRIC ends

Code	Description
<b>DMC-12</b>	<b>12 mm</b>
<b>DMC-14</b>	<b>14 mm</b>
<b>DMC-16</b>	<b>16 mm</b>
<b>DMC-18</b>	<b>18 mm</b>
<b>DMC-20</b>	<b>20 mm</b>
<b>DMC-22</b>	<b>22 mm</b>
<b>DMC-24</b>	<b>24 mm</b>
<b>DMC-26</b>	<b>26 mm</b>



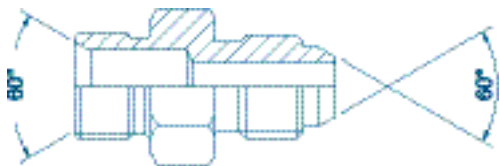
## JIS male x JIS male (BSP threads)

Code	Description
<b>7801-04-04</b>	<b>1/4 jis</b>
<b>7801-06-06</b>	<b>3/8 jis</b>
<b>7801-08-08</b>	<b>1/2 jis</b>
<b>7801-12-12</b>	<b>3/4 jis</b>



## BSP male x JIS male (BSP threads)

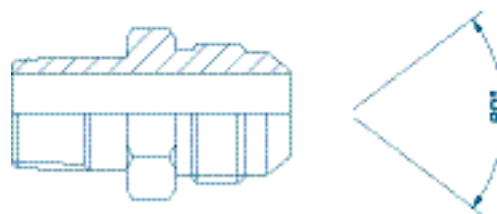
Code	Description
<b>00005JIS</b>	<b>1/4 bsp x 1/4 jis</b>
<b>00014JIS</b>	<b>3/8 bsp x 3/8 jis</b>





## BSPT male x JIS male (BSP threads)

Code	Description
<b>00306-JIS</b>	<b>1/4 bspt x 1/4 jis</b>
<b>00313-JIS</b>	<b>3/8 bspt x 3/8 jis</b>
<b>00321-JIS</b>	<b>1/2 bspt x 1/2 jis</b>
<b>00334-JIS</b>	<b>3/4 bspt x 3/4 jis</b>
<b>00340-JIS</b>	<b>1 bspt x 1 jis</b>



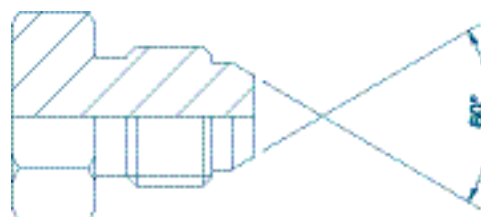
## JIC male x JIS male (BSP threads)

Code	Description
<b>6811-04-02</b>	<b>7/16 jic x 1/8 jis</b>
<b>6811-04-04</b>	<b>7/16 jic x 1/4 jis</b>
<b>6811-06-06</b>	<b>9/16 jic x 3/8 jis</b>
<b>6811-08-08</b>	<b>3/4 jic x 1/2 jis</b>



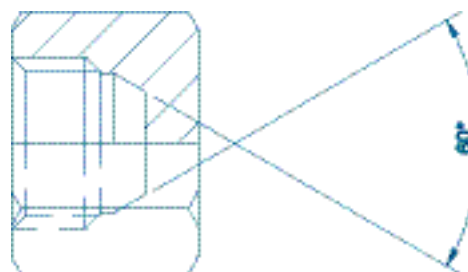
## JIS solid plug (BSP threads)

Code	Description
<b>7681-02</b>	<b>1/8 jis</b>
<b>7681-04</b>	<b>1/4 jis</b>
<b>7681-06</b>	<b>3/8 jis</b>
<b>7681-08</b>	<b>1/2 jis</b>
<b>7681-12</b>	<b>3/4 jis</b>



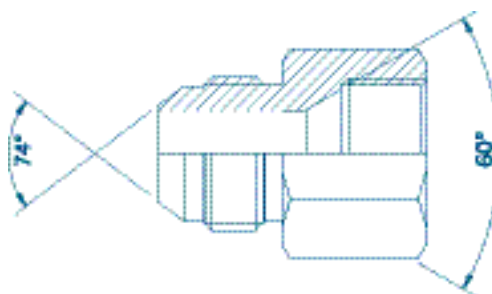
## JIS fixed female cap (BSP threads)

Code	Description
<b>7691-04</b>	<b>1/4 jis</b>
<b>7691-06</b>	<b>3/8 jis</b>
<b>7691-08</b>	<b>1/2 jis</b>
<b>7691-12</b>	<b>3/4 jis</b>



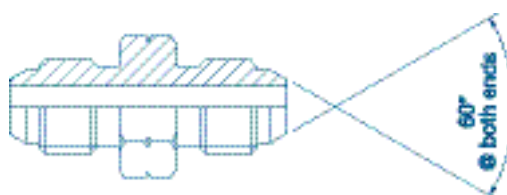
## JIC male x JIS fixed female extended 60° internal seat (BSP threads)

Code	Description
<b>6677-04-04</b>	<b>7/16</b> jic x <b>1/4</b> jis
<b>6677-06-06</b>	<b>9/16</b> jic x <b>3/8</b> jis
<b>6677-08-08</b>	<b>3/4</b> jic x <b>1/2</b> jis
<b>6677-12-12</b>	<b>1-1/16</b> jic x <b>3/4</b> jis



## JIS male x JIS male (METRIC threads)

Code	Description
<b>9741-14</b>	<b>14</b> jis x <b>14</b> jis
<b>9741-18</b>	<b>18</b> jis x <b>18</b> jis
<b>9741-22</b>	<b>22</b> jis x <b>22</b> jis
<b>9741-24</b>	<b>24</b> jis x <b>24</b> jis
<b>9741-30</b>	<b>30</b> jis x <b>30</b> jis
<b>9741-33</b>	<b>33</b> jis x <b>33</b> jis



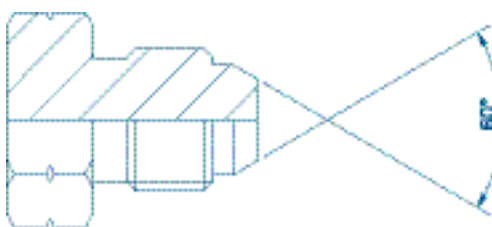
## JIC male x JIS male (METRIC threads)

Code	Description
<b>8751-04-14</b>	<b>7/16</b> jic x <b>14</b> jis
<b>8751-06-18</b>	<b>9/16</b> jic x <b>18</b> jis
<b>8751-08-22</b>	<b>3/4</b> jic x <b>22</b> jis
<b>8751-10-24</b>	<b>7/8</b> jic x <b>24</b> jis
<b>8751-12-30</b>	<b>1-1/16</b> jic x <b>30</b> jis
<b>8751-16-33</b>	<b>1-5/16</b> jic x <b>33</b> jis



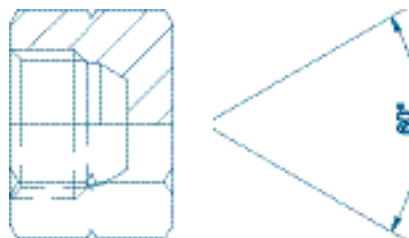
## JIS solid plug (METRIC threads)

Code	Description
<b>9711-14</b>	<b>14</b> jis
<b>9711-18</b>	<b>18</b> jis
<b>9711-22</b>	<b>22</b> jis
<b>9711-24</b>	<b>24</b> jis
<b>9711-30</b>	<b>30</b> jis
<b>9711-33</b>	<b>33</b> jis



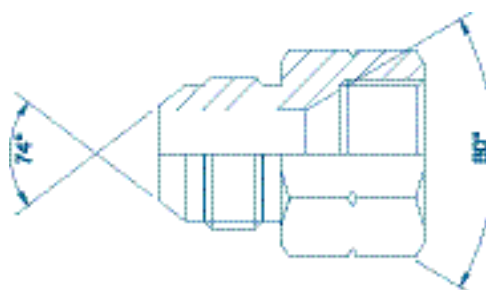
## JIS fixed female cap (METRIC threads)

Code	Description
<b>9721-14</b>	<b>14</b> jis
<b>9721-18</b>	<b>18</b> jis
<b>9721-22</b>	<b>22</b> jis
<b>9721-24</b>	<b>24</b> jis
<b>9721-30</b>	<b>30</b> jis
<b>9721-33</b>	<b>33</b> jis



## JIC male x JIS fixed female extended 60° internal seat (METRIC threads)

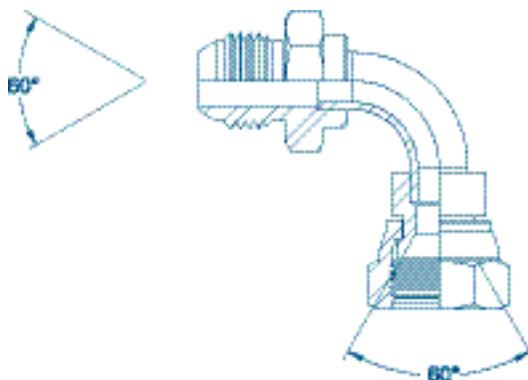
Code	Description
<b>8701-04-14</b>	<b>7/16</b> jic x <b>14</b> jis
<b>8701-06-18</b>	<b>9/16</b> jic x <b>18</b> jis
<b>8701-08-22</b>	<b>3/4</b> jic x <b>22</b> jis
<b>8701-10-24</b>	<b>7/8</b> jic x <b>24</b> jis
<b>8701-12-30</b>	<b>1-1/16</b> jic x <b>30</b> jis
<b>8701-16-33</b>	<b>1-5/16</b> jic x <b>33</b> jis



## JIS male x JIS swivel female 90° swept elbow (BSP threads)

Code	Description
<b>06020JIS</b>	<b>1/4</b> jis
<b>06021JIS</b>	<b>3/8</b> jis
<b>06022JIS</b>	<b>1/2</b> jis
<b>06024JIS</b>	<b>3/4</b> jis
<b>06025JIS</b>	<b>1</b> jis

135° available on request.



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**131** O'Rings for SAE boss male

**131** O'Rings for ORFS

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**131** BSP self centering bonded seal

**132** METRIC self centering bonded seal

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**132** BSP plastic protection caps

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## O'RINGS for SAE boss male

Code	Description
<b>01413</b>	<b>5/16</b>
<b>01412</b>	<b>3/8</b>
<b>01400</b>	<b>7/16</b>
<b>01408</b>	<b>1/2</b>
<b>01401</b>	<b>9/16</b>
<b>01409</b>	<b>5/8</b>
<b>01402</b>	<b>3/4</b>
<b>01403</b>	<b>7/8</b>
<b>01404</b>	<b>1-1/16</b>
<b>01410</b>	<b>1-3/16</b>
<b>01405</b>	<b>1-5/16</b>
<b>01406</b>	<b>1-5/8</b>
<b>01407</b>	<b>1-7/8</b>
<b>01411</b>	<b>2-1/2</b>



## O'RINGS for ORFS

Code	Description
<b>81400</b>	<b>9/16</b>
<b>81401</b>	<b>11/16</b>
<b>81402</b>	<b>13/16</b>
<b>81403</b>	<b>1</b>
<b>81404</b>	<b>1-3/16</b>
<b>81405</b>	<b>1-7/16</b>
<b>81406</b>	<b>1-11/16</b>
<b>81407</b>	<b>2</b>



## BSP self centering bonded seal

Code	Description
<b>BBS-2</b>	<b>1/8 bsp</b>
<b>BBS-4</b>	<b>1/4 bsp</b>
<b>BBS-6</b>	<b>3/8 bsp</b>
<b>BBS-8</b>	<b>1/2 bsp</b>
<b>BBS-10</b>	<b>5/8 bsp</b>
<b>BBS-12</b>	<b>3/4 bsp</b>
<b>BBS-16</b>	<b>1 bsp</b>
<b>BBS-20</b>	<b>1-1/4 bsp</b>
<b>BBS-24</b>	<b>1-1/2 bsp</b>
<b>BBS-28</b>	<b>1-3/4 bsp</b>
<b>BBS-32</b>	<b>2 bsp</b>
<b>BBS-40</b>	<b>2-1/2 bsp</b>



## METRIC self centering bonded seal

Code	Description
<b>MBS-08</b>	<b>8 mm</b>
<b>MBS-10</b>	<b>10 mm</b>
<b>MBS-12</b>	<b>12 mm</b>
<b>MBS-14</b>	<b>14 mm</b>
<b>MBS-16</b>	<b>16 mm</b>
<b>MBS-18</b>	<b>18 mm</b>
<b>MBS-20</b>	<b>20 mm</b>
<b>MBS-22</b>	<b>22 mm</b>
<b>MBS-24</b>	<b>24 mm</b>
<b>MBS-26</b>	<b>26 mm</b>
<b>MBS-30</b>	<b>30 mm</b>
<b>MBS-36</b>	<b>36 mm</b>



## BSP plastic protection cap

Code	Description
<b>BRC-2</b>	<b>1/8 bsp</b>
<b>BRC-4</b>	<b>1/4 bsp</b>
<b>BRC-6</b>	<b>3/8 bsp</b>
<b>BRC-8</b>	<b>1/2 bsp</b>
<b>BRC-10</b>	<b>5/8 bsp</b>
<b>BRC-12</b>	<b>3/4 bsp</b>
<b>BRC-16</b>	<b>1 bsp</b>
<b>BRC-20</b>	<b>1-1/4 bsp</b>
<b>BRC-24</b>	<b>1-1/2 bsp</b>
<b>BRC-32</b>	<b>2 bsp</b>

