SPLIT TEE

MOC
TEE- ASTM A234 WPB
FLANGE - ASTM A105
DESIGN - ASME B31.3
REFERENCE STD.
ASME B36.19
ALL WELD JOINTS ARE 100% X-RAY (RT)

<table>
<thead>
<tr>
<th>Run/Branch</th>
<th>H(in)</th>
<th>D(in)</th>
<th>L(in)</th>
<th>T(in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches (nom.)</td>
<td>Class 150</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>5.32</td>
<td>2.46</td>
<td>6.00</td>
</tr>
</tbody>
</table>

FLANGE TYPE - SOCKET WELD
FLANGE CLASS - 150#
FLANGE DIMENSION - ASME B16.5
FLANGE SCH - SCH 40

TEE - SPLIT TYPE
TEE DESIGN - ASME ASME B31.3 / ASME B16.9
TEE SCH - 40

NOTES:
1. ALL DIMENSIONS ARE IN Inch UNLESS SPECIFIED.
2. TOLERANCE AS PER ASME B16.9
SPLIT TEE

MOC
TEE - ASTM A234 WPB
FLANGE - ASTM A105
DESIGN - ASME B31.3
REFERENCE STD.
ASME B36.19
ALL WELD JOINTS ARE 100% X-RAY (RT)

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<th>T(in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches (nom.)</td>
<td>Class</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>16</td>
<td>16.57</td>
<td>20.12</td>
<td>26.00</td>
</tr>
</tbody>
</table>

FLANGE TYPE - WELDING NECK RF
FLANGE CLASS - 150#
FLANGE DIMENSION - ASME B16.5
FLANGE SCH - SCH 40

TEE - SPLIT TYPE
TEE DESIGN - ASME ASME B31.3 / ASME B16.9
TEE SCH - 40

NOTES:
1. ALL DIMENSIONS ARE IN Inch UNLESS SPECIFIED.
2. TOLERANCE AS PER ASME B16.9
SPLIT TEE

MOC
TEE - ASTM A234 WPB
FLANGE - ASTM A105
DESIGN - ASME B31.3
REFERENCE STD.
ASME B36.19
ALL WELD JOINTS ARE 100% X-RAY (RT)

Run/Branch | H(in) | D(in) | L(in) | T(in)
---|---|---|---|---
Inches (nom.) | Class 150
20 | 20 | 16.83 | 20.12 | 26.00 | 0.75

FLANGE TYPE - WELDING NECK RF
FLANGE CLASS - 150#
FLANGE DIMENSION - ASME B16.5
FLANGE SCH - STD

TEE - SPLIT TYPE
TEE DESIGN - ASME ASME B31.3 / ASME B16.9
TEE SCH - STD

NOTES:
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SPLIT TEE

FLANGE TYPE - WELDING NECK RF
FLANGE CLASS - 150#
FLANGE DIMENSION - ASME B16.5
FLANGE SCH - STD

TEE - SPLIT TYPE
TEE DESIGN - ASME ASME B31.3 / ASME B16.9
TEE SCH - STD

Run/Branch | H(in) | D(in) | L(in) | T(in)
--- | --- | --- | --- | ---
Inches (nom.) | Class 150 | 16 | 16.12 | 23.50 | 0.75

FLANGE TYPE - WELDING NECK RF
FLANGE CLASS - 150#
FLANGE DIMENSION - ASME B16.5
FLANGE SCH - STD

NOTES
1. ALL DIMENSIONS ARE IN Inch UNLESS SPECIFIED.
2. TOLERANCE AS PER ASME B16.9
SPLIT TEE

MOC
TEE - ASTM A234 WPB
FLANGE - ASTM A105
DESIGN - ASME B31.3
REFERENCE STD.
ASME B36.19
ALL WELD JOINTS ARE 100% X-RAY (RT)

<table>
<thead>
<tr>
<th>Run/Branch</th>
<th>H(in)</th>
<th>D(in)</th>
<th>L(in)</th>
<th>T(in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches (nom.)</td>
<td>Class 150</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>12.45</td>
<td>12.87</td>
<td>20.00</td>
</tr>
</tbody>
</table>

FLANGE TYPE - WELDING NECK RF
FLANGE CLASS - 150#
FLANAGE DIMENSION - ASME B16.5
FLANGE SCH - STD

TEE - SPLIT TYPE
TEE DESIGN - ASME ASME B31.3 / ASME B16.9
TEE SCH - STD

NOTES:
1. ALL DIMENSIONS ARE IN Inch UNLESS SPECIFIED.
2. TOLERANCE AS PER ASME B16.9

RAKESH 12-8-2014

DYNAMIC FORGE & FITTING (I) P. LTD.
VADODARA (INDIA)

DRG. NO.: DIPL-7897-0906-5
### Table: Size Schedule Run X Branch

<table>
<thead>
<tr>
<th>Run X Branch</th>
<th>A (MM)</th>
<th>B (MM)</th>
<th>Thickness (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot; X 12&quot; SCH 100</td>
<td>343.90</td>
<td>443.90</td>
<td>32.54</td>
</tr>
</tbody>
</table>

**MOC:** CS ASTM A672 GR C55, CL 12  
**PLATE:** ASTM A516 GR. 70  
**STD:** ASME B36.10

**NOTES:**
1. All dimensions are in **MM** unless specified.

---

**APPROVED**  
Per Page 2, Sheet 11.12, 04/10/2015

**Rakesh**  
12-8-2014

**REMARKS:**

DYNAMIC FORGE & FITTING (I) P. LTD.  
VADODARA (INDIA)

**DRG. NO.:** DIPL-7697-0906-6
MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70
STD : ASME B36.10

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
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MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN **MM** UNLESS SPECIFIED.
MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
### Dimensions

<table>
<thead>
<tr>
<th>SIZE / SCHEDULE RUN X BRANCH INCH</th>
<th>A MM</th>
<th>B MM</th>
<th>THICKNESS MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot; x 16&quot; SCH 20</td>
<td>426.40</td>
<td>526.40</td>
<td>9.53</td>
</tr>
</tbody>
</table>

### Specifications

- **MOC**: CS ASTM A672 GR C55, CL 12
- **STD**: ASME B36.10

### Notes

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
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MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.

SIZE / SCHEDULE RUN X BRANCH INCH INCH NUMBER A B THICKNESS
24" x 20" SCH 20 528.00 628.00 9.53
MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
1/4" - NPT

15° BEVEL

SIZE / SCHEDULE

<table>
<thead>
<tr>
<th>RUN X BRANCH</th>
<th>A</th>
<th>B</th>
<th>THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCH INCH NUMBER</td>
<td>MM</td>
<td>MM</td>
<td>MM</td>
</tr>
<tr>
<td>24&quot; x 16&quot; SCH 40</td>
<td>426.40</td>
<td>526.40</td>
<td>17.48</td>
</tr>
</tbody>
</table>

MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
MOC : CS ASTM A672 GR C55, CL 12  
PLATE ASTM A516 GR. 70  
STD : ASME B36.10

NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
1/4" NPT

15° BEVEL

<table>
<thead>
<tr>
<th>SIZE / SCHEDULE</th>
<th>A</th>
<th>B</th>
<th>THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUN X BRANCH INCH INCH NUMBER</td>
<td>MM</td>
<td>MM</td>
<td>MM</td>
</tr>
<tr>
<td>30&quot; x 12&quot; 0.406&quot; WT</td>
<td>343.90</td>
<td>443.90</td>
<td>10.31</td>
</tr>
</tbody>
</table>

MOC : CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD : ASME B36.10

NOTES:

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MOC: CS ASTM A672 GR C55, CL 12
PLATE ASTM A516 GR. 70

STD: ASME B36.10

NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED.
## Threadolets

**MSS SP 97**  
**ASTM A105**

### Run Size x Outlet Size

<table>
<thead>
<tr>
<th>Run Size x Outlet Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>F</th>
<th>Approx Weight Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>10” x 3/4”</td>
<td>27.0</td>
<td>44.50</td>
<td>30.20</td>
<td>36.50</td>
<td>0.15</td>
</tr>
</tbody>
</table>

### Notes:

1. All dimensions are in mm unless specified.
2. Dimension & tolerance is as per ASME MSS SP97