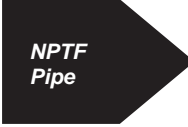
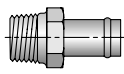
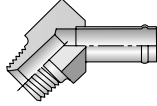
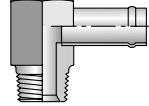

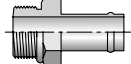
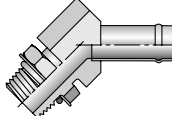
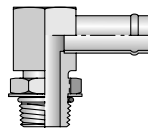




| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  <p>NPTF Pipe</p> | <p>01TB B-188</p>  <p><i>Male - Rigid</i></p> | <p>31TB B-188</p>  <p><i>Male - Rigid 45° Elbow</i></p> | <p>21TB B-188</p>  <p><i>Male - Rigid 90° Elbow</i></p> |  <p>SAE Straight Thread</p> | <p>05TB B-189</p>  <p><i>Male - Rigid</i></p> |
| <p>35TB B-189</p>  <p><i>Male - Rigid 45° Elbow</i></p> | <p>25TB B-189</p>  <p><i>Male - Rigid 90° Elbow</i></p> |  <p>Clamp</p> | <p>Clamp B-185</p>  <p><i>Wormgear</i></p> | | |

Hose
A

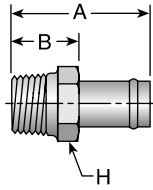
Fittings
TB Series
B

Equipment
C

Accessories
D

Technical
E

Hose
A

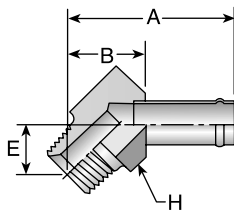


01TB Male NPTF Pipe - Rigid

| # Part Number | Thread inch | Hose I.D. inch | A | | H | | B | |
|------------------|----------------|-------------------|------|----|-------|------|----|--|
| | | | inch | mm | inch | inch | mm | |
| 01TB-4-6 | 1/4x18 | 3/8 | 2.09 | 53 | 5/8 | 0.96 | 24 | |
| 01TB-6-8 | 3/8x18 | 1/2 | 2.12 | 54 | 3/4 | 0.96 | 24 | |
| 01TB-8-10 | 1/2x14 | 5/8 | 2.31 | 59 | 7/8 | 1.15 | 29 | |
| 01TB-8-12 | 1/2x14 | 3/4 | 2.31 | 59 | 1 | 1.15 | 29 | |
| 01TB-12-12 | 3/4x14 | 3/4 | 2.13 | 54 | 1-1/8 | 0.97 | 24 | |
| 01TB-16-16 | 1x11-1/2 | 1 | 2.69 | 68 | 1-3/8 | 1.53 | 39 | |
| 01TB-20-20 | 1-1/4x11-1/2 | 1-1/4 | 2.84 | 72 | 1-3/4 | 1.34 | 34 | |
| 01TB-24-24 | 1-1/2x11-1/2 | 1-1/2 | 3.25 | 83 | 2 | 1.50 | 38 | |
| 01TB-32-32 | 2x11-1/2 | 2 | 3.53 | 90 | 2-5/8 | 1.78 | 45 | |

Fittings
TB Series
B

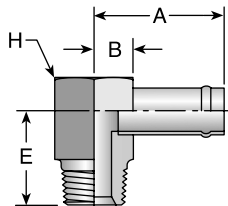
31TB Male NPTF Pipe - Rigid - 45° Elbow



| # Part Number | Thread inch | Hose I.D. inch | A | | E | | H | | B | |
|------------------|----------------|-------------------|------|----|------|----|-------|------|----|--|
| | | | inch | mm | inch | mm | inch | inch | mm | |
| 31TB-6-8 | 3/8x18 | 1/2 | 2.54 | 65 | 0.69 | 18 | 7/8 | 1.04 | 26 | |
| 31TB-8-10 | 1/2x14 | 5/8 | 2.68 | 68 | 0.82 | 21 | 1 | 1.18 | 30 | |
| 31TB-8-12 | 1/2x14 | 3/4 | 2.78 | 71 | 0.82 | 21 | 1-1/4 | 1.28 | 33 | |
| 31TB-12-12 | 3/4x14 | 3/4 | 2.82 | 72 | 0.86 | 22 | 1-1/4 | 1.32 | 34 | |
| 31TB-12-16 | 3/4x14 | 1 | 3.01 | 76 | 0.86 | 22 | 1-1/2 | 1.38 | 35 | |
| 31TB-16-16 | 1x11-1/2 | 1 | 3.19 | 81 | 1.04 | 26 | 1-1/2 | 1.56 | 40 | |
| 31TB-20-20 | 1-1/4x11-1/2 | 1-1/4 | 3.26 | 83 | 0.99 | 25 | 1-7/8 | 1.59 | 40 | |

Equipment
C

21TB Male NPTF Pipe - Rigid - 90° Elbow



| # Part Number | Thread inch | Hose I.D. inch | A | | E | | H | | B | |
|------------------|----------------|-------------------|------|----|------|----|--------|------|----|--|
| | | | inch | mm | inch | mm | inch | inch | mm | |
| 21TB-6-8 | 3/8x18 | 1/2 | 1.94 | 49 | 1.22 | 31 | 7/8 | 0.44 | 11 | |
| 21TB-8-10 | 1/2x14 | 5/8 | 2.03 | 52 | 1.47 | 37 | 1-1/16 | 0.53 | 13 | |
| 21TB-8-12 | 1/2x14 | 3/4 | 2.16 | 55 | 1.59 | 40 | 1-5/16 | 0.66 | 17 | |
| 21TB-12-12 | 3/4x14 | 3/4 | 2.16 | 55 | 1.59 | 40 | 1-5/16 | 0.66 | 17 | |
| 21TB-12-16 | 3/4x14 | 1 | 2.44 | 62 | 1.59 | 40 | 1-5/8 | 0.81 | 21 | |
| 21TB-16-14 | 1x11-1/2 | 7/8 | 2.31 | 59 | 1.97 | 50 | 1-5/8 | 0.81 | 21 | |
| 21TB-16-16 | 1x11-1/2 | 1 | 2.44 | 62 | 1.97 | 50 | 1-5/8 | 0.81 | 21 | |

Accessories
D

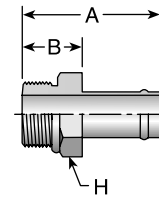
Technical
E



05TB

Male SAE Straight Thread with O-Ring - Rigid

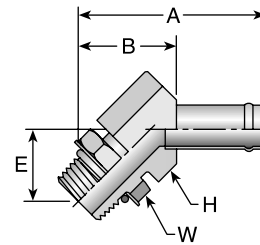
| # Part Number | Thread | | Hose I.D. | | A | | H | | B | |
|------------------|-----------|----|-----------|------|------|-------|------|----|------|----|
| | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm |
| 05TB-6-6 | 9/16x18 | | 3/8 | 1.94 | 49 | 11/16 | 0.69 | 18 | | |
| 05TB-8-8 | 3/4x16 | | 1/2 | 2.00 | 51 | 7/8 | 0.75 | 19 | | |
| 05TB-8-10 | 3/4x16 | | 5/8 | 2.00 | 51 | 7/8 | 0.75 | 19 | | |
| 05TB-10-10 | 7/8x14 | | 5/8 | 2.06 | 52 | 1 | 0.81 | 21 | | |
| 05TB-12-12 | 1-1/16x12 | | 3/4 | 2.25 | 57 | 1-1/4 | 1.00 | 25 | | |
| 05TB-16-16 | 1-5/16x12 | | 1 | 2.38 | 60 | 1-1/2 | 1.00 | 25 | | |
| 05TB-20-20 | 1-5/8x12 | | 1-1/4 | 2.50 | 64 | 1-7/8 | 1.00 | 25 | | |



35TB

Male SAE Straight Thread with O-Ring - Rigid - 45° Elbow

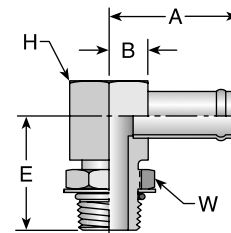
| # Part Number | Thread | | Hose I.D. | | A | | E | | H | | W | | B | |
|------------------|--------|-----------|-----------|------|------|------|------|-------|-------|------|------|----|------|----|
| | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm |
| 35TB-8-8 | 1/2 | 3/4x16 | 1/2 | 2.79 | 71 | 0.93 | 24 | 7/8 | 7/8 | 1.29 | 33 | | | |
| 35TB-10-10 | 5/8 | 7/8x14 | 5/8 | 2.80 | 71 | 0.93 | 24 | 1 | 1 | 1.28 | 33 | | | |
| 35TB-12-12 | 3/4 | 1-1/16x12 | 3/4 | 3.18 | 81 | 1.22 | 31 | 1-1/4 | 1-1/4 | 1.68 | 43 | | | |
| 35TB-16-16 | 1 | 1-5/16x12 | 1 | 3.45 | 88 | 1.30 | 33 | 1-1/2 | 1-1/2 | 1.82 | 46 | | | |
| 35TB-20-16 | 1-1/4 | 1-5/8x12 | 1 | 3.57 | 91 | 1.34 | 34 | 1-7/8 | 1-7/8 | 1.94 | 49 | | | |



25TB

Male SAE Straight Thread with O-Ring - Rigid - 90° Elbow

| # Part Number | Thread | | Hose I.D. | | A | | E | | H | | W | | B | |
|------------------|--------|-----------|-----------|------|------|------|------|--------|-------|------|------|----|------|----|
| | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm |
| 25TB-8-6 | 1/2 | 3/4x16 | 3/8 | 1.94 | 49 | 1.45 | 37 | 7/8 | 7/8 | 0.44 | 11 | | | |
| 25TB-8-8 | 1/2 | 3/4x16 | 1/2 | 1.94 | 49 | 1.44 | 37 | 7/8 | 7/8 | 0.44 | 11 | | | |
| 25TB-10-10 | 5/8 | 7/8x14 | 5/8 | 2.03 | 52 | 1.69 | 43 | 1-1/16 | 1 | 0.53 | 13 | | | |
| 25TB-10-12 | 5/8 | 7/8x14 | 3/4 | 2.16 | 55 | 1.69 | 43 | 1-5/16 | 1 | 0.66 | 17 | | | |
| 25TB-12-12 | 3/4 | 1-1/16x12 | 3/4 | 2.16 | 55 | 1.92 | 49 | 1-5/16 | 1-1/4 | 0.66 | 17 | | | |
| 25TB-16-12 | 1 | 1-5/16x12 | 3/4 | 2.31 | 59 | 2.03 | 52 | 1-5/8 | 1-1/2 | 0.81 | 21 | | | |
| 25TB-16-16 | 1 | 1-5/16x12 | 1 | 2.44 | 62 | 2.03 | 52 | 1-5/8 | 1-1/2 | 0.81 | 21 | | | |
| 25TB-20-16 | 1-1/4 | 1-5/8x12 | 1 | 2.57 | 65 | 2.34 | 59 | 1-7/8 | 1-7/8 | 0.94 | 24 | | | |
| 25TB-20-20 | 1-1/4 | 1-5/8x12 | 1-1/4 | 2.61 | 66 | 2.34 | 59 | 1-7/8 | 1-7/8 | 0.94 | 24 | | | |



Hose
A

Fittings
TB Series
B

Equipment
C

Accessories
D

Technical
E