



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

The Model 7160T grooved x threaded transition fitting can be the ideal fitting when transitioning from a larger grooved pipe to a smaller threaded pipe such as 6" x 1", 4" x 1" etc. The 7160T can be used as an alternative to expensive swaged nipples.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.

For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit www.shurjoint.com for details or contact Shurjoint.

DIMENSIONS

NOMINAL SIZE	NPT / BSP	L	WEIGHT
in	in	in	lb
mm	mm	mm	kg
2 x	1" 1-1/4"	0.94	0.55
50 x	25 32	23.8	0.25
2-1/2 x	1-1/4 1-1/2	0.94	0.97 0.77 0.70
65 x	25 32 40	23.8	0.44 0.35 0.30
3 x	1 1-1/4 1-1/2 2	1.00	1.43 1.43 1.30 1.33
80 x	25 32 40 50	25.4	0.65 0.65 0.60 0.60

NOMINAL SIZE	NPT / BSP	L	WEIGHT
in	in	in	lb
mm	mm	mm	kg
4 x	1 1-1/4 1-1/2 2	1.00	2.09
100 x	25 32 40 50	25.4	0.95
6 x	1 1-1/4 1-1/2 2	1.00	5.52
150 x	25 32 40 50	25.4	2.50

MATERIAL SPECIFICATIONS

FITTING BODY:

- Ductile Iron castings to ASTM A536, Gr. 65-45-12 and or to ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).
- Wrought fittings to ASTM A234 Gr. WPB, standard weight (0.375" or 9.5 mm), or segmentally welded carbon steel of the same or equivalent grade.

SURFACE FINISH:

- Standard painted finishes in orange or RAL3000 red.
- Hot dip galvanized (optional)
- Epoxy coatings in RAL3000 red or other colors (optional)

GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.