

Reducing Sockets

Figure 1050R · TUPY NPT Medium Pressure · Class 150

Pressure class	Class 150 — up to 300 psi (21 bar) at room temperature
Thread	NPT taper — ASME B1.20.1
Standard	ASME B16.3 · ABNT NBR 6925
Material	Black malleable iron — ASTM A197 / ABNT NBR 6590
Size range	3/4" x 1/2" – 2" x 1.1/2"
Code series	6932
Finish	Black (code +41) · hot-dip galvanised (code +43)
Applications	Water, gas, steam, compressed air, fire protection and industrial lines



Dimensions and weights by size

Dimensions in mm · weight per piece in kg · TUPY catalogue p. 58

Nominal size (NPS)		Dimensions (mm)								Unit weight (kg)		Code
in	mm	m	b min.	e min.	f min.	f max.	g	h min.	Rib	Galv.	Black	Code
3/4 x 1/2	20 x 15	36.6	12.7	6.9	26.7	28.1	3	37	3	0.118	0.114	6932029
1 x 1/2	25 x 15	42.9	14.7	7.7	33.4	35.2	3.4	45	3.4	0.182	0.179	6932032
1 x 3/4	25 x 20	42.9	14.7	7.7	33.4	35.2	3.4	45	3.4	0.193	0.185	6932033
1 1/4 x 1/2	32 x 15	52.3	17	8.7	42.3	43.9	3.7	54.7	3.7	0.287	0.279	6932035
1 1/4 x 3/4	32 x 20	52.3	17	8.7	42.3	43.9	3.7	54.7	3.7	0.280	0.269	6932036
1 1/4 x 1	32 x 25	52.3	17	8.7	42.3	43.9	3.7	54.7	3.7	0.329	0.316	6932037
1 1/2 x 1/2	40 x 15	58.7	17.8	9.3	48.3	50	3.9	61.6	3.9	0.339	0.333	6932039
1 1/2 x 3/4	40 x 20	58.7	17.8	9.3	48.3	50	3.9	61.6	3.9	0.382	0.351	6932040
1 1/2 x 1	40 x 25	58.7	17.8	9.3	48.3	50	3.9	61.6	3.9	0.385	0.370	6932041
1 1/2 x 1 1/4	40 x 32	58.7	17.8	9.3	48.3	50	3.9	61.6	3.9	0.417	0.404	6932042
2 x 1/2	50 x 15	71.4	19.1	10.7	60.3	62.1	4.4	75.3	4.4	0.540	0.532	6932043
2 x 3/4	50 x 20	71.4	19.1	10.7	60.3	62.1	4.4	75.3	4.4	0.557	0.537	6932044
2 x 1	50 x 25	71.4	19.1	10.7	60.3	62.1	4.4	75.3	4.4	0.587	0.557	6932045
2 x 1 1/4	50 x 32	71.4	19.1	10.7	60.3	62.1	4.4	75.3	4.4	0.618	0.606	6932046
2 x 1 1/2	50 x 40	71.4	19.1	10.7	60.3	62.1	4.4	75.3	4.4	0.660	0.646	6932047



Malleable cast iron pipe fittings

TECHNICAL DATASHEET

TUPY NPT Medium Pressure — NPT threaded fittings · Class 150

Pressure-temperature rating

Class 150 · ASME B16.3 / ABNT NBR 6925 · unions to ASME B16.39

Temperature °C	Fittings ½- 6" (psi)	Unions ½- 4" (psi)	MPa (kgf/cm²)
-29 to 66	300	300	2.1 (21)
93	265	265	1.8 (18)
121	225	225	1.5 (15)
149	185	185	1.3 (13)
177	150	150	1.0 (10)
204	—	110	0.7 (7)
232	—	75	0.5 (5)

1 bar = 14.5 psi = 0.1 MPa = 1 kgf/cm²

Markings cast on the fitting

- TUPY brand
- Nominal pipe size
- MI (malleable iron) monogram
- Class number 150
- BRAZIL (country of origin)
- UL monogram

Surface protection

Black finish (non-toxic oil) or hot-dip galvanised to ABNT NBR 6323 / ASTM A153. Epoxy, cataphoretic, hybrid or double-galvanised coatings on request.

Designation

Reference standards ABNT NBR 6925, ASME B16.3, ASME B16.14 and ASME B16.39. Designation example: NBR 6925 – 1050R Reducing Sockets – 1½ x ¾ – Fe (black) / Zn (galvanised).

Certifications and standards



UL Listed



FM Approved



DVGW



ABNT



INMETRO



ISO 9001 / 14001 / 45001

Manufacturing standards: ASTM A197 · ABNT NBR 6590 · ABNT NBR 6925 · ASME B16.3 · ASME B1.20.1 · ASME B16.14 · ASME B16.39

Supply and enquiries

Stock held in the UAE for fast delivery across the GCC; full-container supply direct from Brazil on request. Exclusive agent for the Middle East and the Gulf: Amini Building Materials Trading L.L.C, Dubai, UAE.

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AMINI BUILDING
MATERIALS TRADING

Dimension letters refer to the TUPY catalogue drawing for this figure. Sizes are nominal pipe sizes (NPS). Product code = catalogue code + 41 (black) or + 43 (galvanised). Values from the TUPY technical catalogue, subject to change without notice.