

T-piece 130, IT/IT/IT, Rp 2, T-branch Rp 1/2 - Riegler 133689

Item no. RGL-133689

Manufacturer Riegler

EAN 4047322481052

T-piece 130, IT/IT/IT, Rp 2, T-branch Rp 1/2

TECHNICAL DATA

Country of Manufacture	China
Material	black malleable cast iron B350-10 design symbol A
Norm	DIN EN 10242
Pneumatic connection	Rp2 IG
Thread	Rp 2 IG
Thread 2	Rp 1/2 IG
Thread standard	ISO 7-1
Weight	0.495 kg
Zolltarifnummer	73071910



STANDARDS & COMPLIANCE

ISO 7-1 DIN EN 10242

DESCRIPTION

T-piece 130, IT/IT/IT, Rp 2, T-branch reducing Rp 1/2, black malleable iron fitting, Operating temp. -20 °C to 300 °C, ISO 7-1 According to DIN EN 10242 (previously 2950). Malleable iron cast fittings in black steel, non-galvanized, is the classic fitting series in connection series in piping construction. Our malleable iron cast fittings are characterized by high mechanical strength and standardized fitting technology. Working minimal temperature = -20 °C, 25 bar. Working pressure for temperature range from -20 °C to 120 °C: 25 bar. Working pressure for temperature range from 120 °C to 300 °C: 20-25 bar.

TECHNICAL DATA

Min. temperature range	-20 °C
Max. temperature range	300 °C
Material	black malleable iron B350-10, design symbol A
Surface	black
Thread 1	Rp 2 IT
Thread 2	Rp 1/2 IT

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STANDARDS AND ORIGIN

- Standard thread: ISO 7-1
- Customs tariff number: 73071910
- Country of origin: CN

ABOUT TEES

A tee branches a pipe run at a right angle without extra elbows and nipples. The range covers Rp 1/4 through Rp 3, with threads to ISO 7-1. The material is black malleable cast iron B350-10 throughout.

WHAT MATTERS WHEN CHOOSING

- Thread 1 as the run size: available from Rp 1/4 to Rp 3 female. It follows the nominal size of the main line.
- Thread 2 for the branch: Rp 1/4 to Rp 2 1/2 female, plus versions with R 3/8, R 1/2 and R 1 male thread that save an additional nipple.
- Reducing version where the branch is to be smaller than the run. 29 of the 74 articles are built this way.
- Thread standard ISO 7-1: the seal is made on the thread itself, though a suitable sealing compound still belongs to the installation.
- Size step: with strongly reducing branches it is worth checking flow velocity in the smaller leg so that pressure loss stays acceptable.

TYPICAL APPLICATIONS

- Branch points in compressed air ring mains in workshops and production halls.
- Distribution in heating and water installations built from threaded pipe.
- Connecting measuring points, vents and drains to existing pipe runs.
- Extending an existing line when a further machine is tied in.
- Industrial pipework where detachable threaded joints are required instead of welds.

Threads comply with ISO 7-1 and the fittings follow DIN EN 10242, with black malleable cast iron B350-10, design symbol A, as the material. Production is in China.