

Cross-piece 180, 4 x IT, Rp 3/4, black malleable cast iron - Riegler 113010

Item no. RGL-113010

Manufacturer Riegler

EAN 4047322251969

Cross-piece 180, 4 x IT, Rp 3/4, black malleable cast iron

TECHNICAL DATA

Country of Manufacture	China
Material	black malleable cast iron B350-10 design symbol A
Norm	DIN 2444, DIN 2950, DIN EN 10242
Pneumatic connection	Rp3/4 IG
Thread	Rp 3/4 IG
Thread 2	Rp 3/4 IG
Thread standard	ISO 7-1
Weight	0.274 kg
Zolltarifnummer	73071910



STANDARDS & COMPLIANCE

DIN EN 10242 ISO 7-1 DIN 2950 DIN 2444

DESCRIPTION

Cross-piece 180, 4 x IT, Rp 3/4, Operating temperature -20°C to 300°C, black malleable cast iron, Hot-dip galvanised, DIN EN 10242 Acc. to DIN EN 10242 (formerly DIN 2950) The classic - and the most popular - screw fitting series for pipe construction. These fittings are characterized by their high mechanical strength and surface quality to DIN 2444. They are completely coated with a layer of pure zinc and are therefore suitable for drinking water

TECHNICAL DATA

Min. temperature range

-20 °C

Max. temperature range

300 °C

Material

black malleable iron B350-10, design symbol A

Surface

hot dip galvanised

Thread 1

Rp 3/4 IT

Thread 2

Rp 3/4 IT

Thread 3

Rp 3/4 IT

STANDARDS AND ORIGIN

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

ABOUT CROSSES

Cross pieces join four pipe ends in one plane, turning a continuous line into two opposing branches. All four ports are female threads to ISO 7-1, with sizes from Rp 1/4 up to Rp 3. The material is black malleable cast iron B350-10, hot dip galvanised.

WHAT MATTERS WHEN CHOOSING

- Thread 1 and thread 2: Rp 1/4, Rp 3/8, Rp 1/2, Rp 3/4, Rp 1, Rp 1 1/4, Rp 1 1/2, Rp 2 or Rp 3 as female threads. The nominal size follows the continuous main line, not the smaller branch.
- Thread standard: ISO 7-1. The parallel female Rp thread mates with a taper male R thread, the seal is made in the thread itself and needs a sealing compound.
- Material: black malleable cast iron B350-10 design symbol A. It carries high mechanical load and is stated for an operating temperature range from -20 °C to 300 °C.
- Surface: the items are hot dip galvanised, which allows use in damp surroundings and outdoors.

TYPICAL APPLICATIONS

- Distribution nodes in compressed air ring mains built from threaded pipe
- Heating and hot water installations in classic pipework
- Fire water and sprinkler lines with branches to both sides
- Machine and frame construction where pipe is screwed together as a load bearing element
- Extending existing threaded pipe runs by two additional branches

The range is based on DIN EN 10242, formerly DIN 2950, with surface quality to DIN 2444. The 9 items therefore cover the common Rp sizes from 1/4 to 3 and are made in China.