



PARKAIR® Malleable Cast Iron Fittings

Standard References

The characteristics of malleable cast iron threaded pipe fittings for water, gas, and other installations in this catalogue conform to the international ISO 49 and the European EN 10242 standards. Please note the most recent specification of fittings according to ISO 49 and EN 10242, the so-called 'design symbol.' This symbol describes the material and the form of the thread. The symbol 'A' designates the following product versions. The material used is high-quality white heart malleable cast iron according to EN 1562: EN-GJMW-400-5.

Quality Assurance

Our fittings are certified to withstand 40 bar of hydrostatic pressure according to DIN ISO 9001/2008.

Surface Layer

We can supply black or galvanised (hot-dip, zinc-coated) fittings upon request. A temporary protective layer is also applied to prevent superficial rust.

Assembly of Unions

It is essential to clean the conical seats before assembly to achieve a sealing effect without using a gasket on taper seat unions (96, 98, 340, 341). Apply a thin lubricant film on both conical surfaces, such as oil or EN 7512-compliant lubricant (such as Loctite® 8104). It is possible to reuse taper seat unions, but please note that PARKAIR does not guarantee sealing performance in this case.

Designation of Size

Fitting size is designated as follows:

- Fittings with all outlets of the same size are referred to by one size regardless of the number of outlets
- Fittings with two outlets of different sizes are specified by their outlets in decreasing order (first, the larger, followed by the smaller outlet)
- Fittings with more than two different size outlets and a reducing on run, or with three other outlets, are specified as follows:
- Additionally, unequal fittings with more than two outlets but no reduction on the run are specified according to the following method:
 1. Tees 81 with equal outlets on the run and an increasing or decreasing outlet on the branch are specified by the size of the run followed by the branch size. For example: 1 1/2" – 3/4"
 2. In reducing cross C1, the size of the most extensive run is specified first, followed by the size of the two smaller (but equal) branches. For example, 1 1/2" – 1"

