

## KEYSER 90° elbow for fire supply



### 90° supply elbow with 100° female Keyser connection

This 90° connection elbow enables you to efficiently supply pumping equipment or water distribution systems from a hydrant. It ensures a smooth flow and a robust connection thanks to its Keyser DN100 female half-fitting at the inlet. This component is an essential part of professional fire-fighting valves and hydraulic installations on vehicles or fixed networks.

### Key technical features

#### Construction and materials

- Cast body in primary aluminum alloy, heat-treated for enhanced mechanical strength.
- Polyester paint surface coating for protection against corrosion and wear in outdoor use.
- Compact, sturdy design for demanding environments (industrial sites, emergency services, public works).

#### Connection configuration

Depending on the version chosen, the elbow outlet can be fitted with different types of fittings:

- **AR 100:** AR DN100 type fitting for direct connection to pipes or discharge elements.
- **DSP 40:** DSP DN40 fitting, specifically for connection to 40 mm diameter fire hoses.
- **DSP 65 or other variants:** available according to configuration and specific requirements

#### Features and performance

- Optimized 90° angle to minimize pressure drop and ensure smooth transition of water flow.
- Allows water to be diverted without compromising operating pressure between hydrant and connected hydraulic equipment.
- Compatible with pumping and fire-fighting installations requiring a right-angle feed.

#### Dimensions and mechanical constraints

Depending on the AR100 version, typical dimensions are around **315** × **178** × **298** mm  
DN100 connection, with a mass of around **3.9 kg**.

## Professional applications

- Supplying pumps and motor-driven pumps on emergency vehicles.
- Connection to fixed fire-fighting systems.
- Hydraulic networks for worksites or industrial maintenance.
- Hydrants supplying mobile or static units.

## Technical advantages

- Reliable 90° flow transmission for fire or drinking water environments.
- Robust construction for intensive use.
- Multiple outlet configurations to suit different connection standards.
- Compatibility with complementary fire-fighting accessories (seals, sleeves, clamps).

## A benchmark elbow for fire and water systems

Whether for emergency response, fixed installations or complex hydraulic networks, the Keyser DN100 90° elbow is a reliable, durable technical solution that complies with industry standards. It combines robustness, modularity and compatibility with the main connection systems used by professionals.