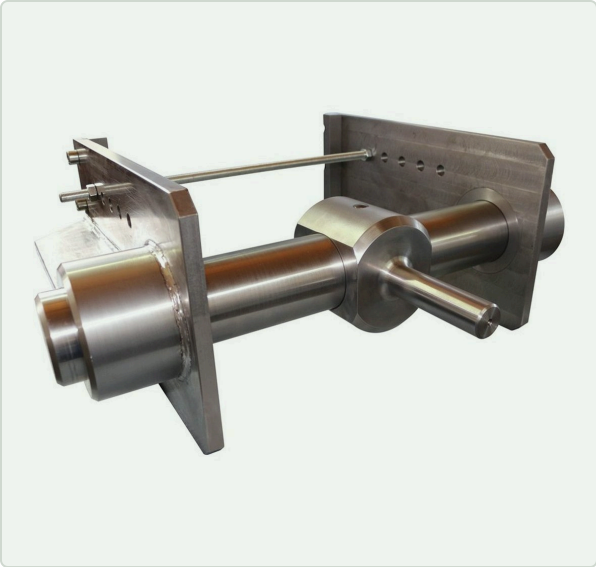
VISE GRIPS

Pipe Saddle Branch Tensile Fixture

Special tensile fixture for polypropylene pipe saddle branches to GOST R 52779



OVERVIEW

A custom tensile fixture for testing the joint strength of polypropylene saddle branch fittings installed on pipe. The pipe section is supported on a mandrel between two steel end plates, while the branch outlet is pulled by the testing machine. The fixture checks the pull-out resistance of fused or clamped saddle branches as required by GOST R 52779.

KEY FEATURES

- Pipe mandrel supports the main pipe without crushing
- Rigid steel end plates with tie rods for a stiff frame
- Branch outlet loaded along the machine axis
- Adjustable hole pattern for different pipe positions
- Built for saddle branch tests to GOST R 52779
- Custom sizing for specific pipe and branch diameters

TECHNICAL SPECIFICATIONS

Test type	Tensile (branch pull-out)
Specimen	Polypropylene pipe with saddle branch
Pipe / branch size	Made to customer specimen dimensions
Construction	Steel end plates, pipe mandrel, tie rods
Material	Steel
Max. load	On request
Coupling	Clevis pin coupling — other sizes via adapters
Operation	Manual specimen mounting

APPLICATIONS

- Polypropylene pipe fittings
- Saddle branch joint strength
- Plastic piping quality control
- Fitting qualification testing

STANDARDS GOST R 52779

Ordering & customization: Specify pipe outside diameter, branch outlet diameter, required capacity and machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-VG-020