

# BTF Launching tee for rigid pipe

## REFERENCE SPECIFICATIONS

Grid	Gas
Highest operating pressure	1 bar
Pipe material	Steel, Asbestos cement and Ductile iron
Pipe outer diameter	110 to 335 mm



### Applications

Launching tees are designed to be installed on rigid pipe for drilling and bagging on and off, without gas leaks. These tees can be used for steel, asbestos cement and ductile iron pipes, with outer diameters from 110 to 335 mm.

### Highest operating pressure

BTF tee design pressure is 1 bar, but maximum launching pressure is only 50 mbar.

### Installation

BTF tees have to be installed by means of specifically designed Drilling and Launching equipment (EP16 / EB20) manufactured by Grupo Torre.

### Identification

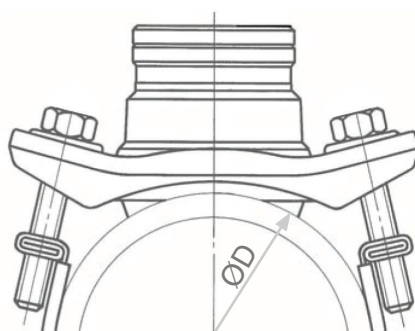
Each Torre<sup>®</sup> launching tee is marked with its corresponding batch number. Quality certificates are supplied with each unit.

### Standards

BTF complies with ES.03183.ES - CN standard "Rigid pipes under pressure tee with maximum operating pressure less or equal to 0.05 bar".

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## Technical data



### RIGID PIPE LAUNCHING TEES

#### SIZES, REFERENCES AND APPLICATION RANGE

REFERENCE	ØD min.	ØD max.
BTF 100	110	130
BTF 150	160	180
BTF 200	220	240
BTF 250	270	290
BTF 300	315	335

COMPONENTS	MATERIALS
SADDLE	Ductile Iron GJS-450-10 + Epoxi (EN 1563)
BODY	Brass CW617N (EN 12164)
END CAP	Brass CW617N (EN 12164)
SECURITY CAP	Brass CW617N (EN 12164)
SEAL	NBR, Rubber (EN 682)
O-RINGS	NBR, Rubber (EN 682)
STRAP	AISI304, Stainless steel (EN 10088)
SCREW	AISI304, Stainless steel (EN 10088)
ROTULA	Acetal Resin POM