



**Annex to Certificate of Constancy of Performance
no. 1777 – CPR – 15.01**

Rigid Connection Devices

with trade name

Reston STU

product families

Reston STUs are rigid connection device that provide for an output force in either tension or compression that complies with the design displacement requirements when the activation velocity is exceeded. The devices are manufactured from ferrous materials and the active surface of the piston rod is hard chromium plated. The devices are classified as Temporary Connection Devices (also referred to as Shock Transmission Units) in accordance with Table 1 of hEN 15129:2009.

The intended use is in buildings and civil engineering works.

Mageba Reston STUs consist in the product families described below

Reston STU

Description of the product

Reston STU is a rigid connection device that provides for an output force in either tension or compression that complies with the design displacement requirements when the activation velocity is exceeded. The device is manufactured from ferrous materials and the active surface of the piston rod is hard chromium plated. The device is classified as a Temporary Connection Device (also referred to as Shock Transmission Unit) in accordance with Table 1 of hEN 15129:2009.

The viscous fluid is Fluid A*

The temperature range is from -25° C to +50° C.

The intended use is in buildings and civil engineering works.

* appropriate certificates reporting the identification characteristics of the fluid are deposited at the notified body involved in the attestation of conformity procedure

Performance characteristics

Reston STU products meet the following requirements in accordance with hEN 15129:2009:

- pressure test, clause 5.3.4.2
- low velocity test, clause 5.3.4.3
- seal wear test, clause 5.3.4.4
- impulsive load test, clause 5.3.4.5
- overload test, for strength to damage and/or leakage, clause 5.3.4.6
- cyclic load test, for a duration period of 15 seconds, clause 5.3.4.7