

CONNETTORE 20 e 38 IN ACCIAIO

Supply and installation of mechanical steel dowel connector with electrolytic zinc plating, complete with upper circular washer, threaded shank, and stop collar, for precise positioning on the laying surface.

The product must be used for:

- Connection between existing structures and new waterproofing protective and/or confinement slabs (e.g. fibre-reinforced concrete)
- Anchoring to mortar supports or concrete castings

The material must have the following characteristics:

CONNETTORE 20

Specification	Values
Nominal diameter of head washer	22.0 mm
Nominal thickness of head washer	4.0 mm
Total length of connector	80.0 mm
Insertion length	60.0 mm
Threaded section length	60.0 mm
Protruding section length	20.0 mm
Nominal diameter of shank	10.5 mm
Resistant diameter of shank	7.2 mm
Characteristic tensile strength	32.7 kN
Characteristic shear strength	16.3 kN

CONNETTORE 38

Steel shank

Specification	Values
Total length of connector	185.0 mm
Insertion length	147.0 mm
Threaded section length	117.0 mm
Protruding section length	38.0 mm
Nominal diameter of shank	13.0 mm
Resistant diameter of shank	12.1 mm
Characteristic tensile strength	36.2 kN
Characteristic shear strength	24.1 kN

Head washer steel

Specification	Values
Nominal diameter of head washer	50.0 mm
Nominal thickness of head washer	6.0 mm
Characteristic yield strength	178.5 Mpa
Characteristic breaking strength	440.0 Mpa

as well as Connettore 20 e 38 Volteco or a product with equal or superior characteristics.

The technical data must be supported by test certification issued by an accredited official laboratory and / or be subjected to quality control according to ISO 9001.

For further details on the individual products and installation specifications, refer to the relevant technical data sheets which can be downloaded in the updated version on the website www.volteco.com.