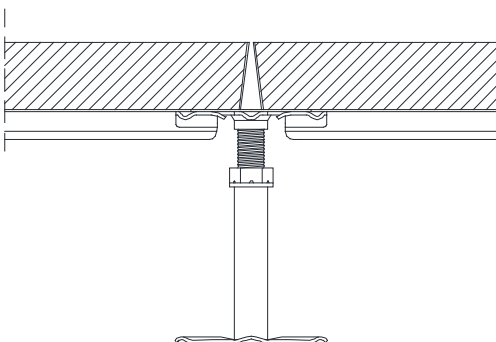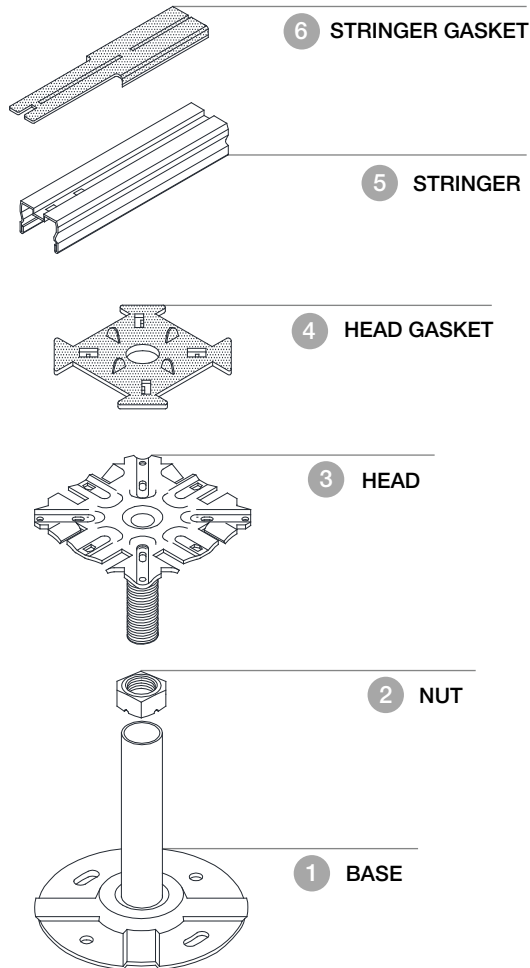# STRUCTURE DATA SHEET

STS STRUCTURE

It is composed of pedestals which allow a height adjustment from 35 mm to 1030 mm and connecting stringers. The pedestals are arranged in a 600 x 600 mm grid, and include:

6 STRINGER GASKET

5 STRINGER

4 HEAD GASKET

3 HEAD

2 NUT

1 BASE

1 BASE

The element that rests on the slab, composed of a metal plate 90 mm in diameter and 1.8 mm thick, sheared to obtain the necessary rigidity and to guarantee excellent grip to any glue. A 2 mm M16 tie rod 30 to 200 mm long, is applied by arc weld.

The weld is performed to ensure the two elements are perfectly joined. A nut with anti-backoff notches allows the pedestal to be adjusted.

STS GRID STRUCTURE

3 HEAD

Supporting element composed of a metal plate 75 x 75 mm, 2.5 mm thick, shaped by shear die to achieve besides the necessary stiffening effect and supports also a deep drawing so that a complete object can be produced in a single piece, suitable for adjustment.

This state-of-the-art solution makes welds and forced couplings unnecessary. An object manufactured this way also guarantees natural rigidity and perfect coupling with the other element of the pedestal. A gasket of antistatic polythene or conductive, completes the head and snaps on to become solid with it.

5 STRINGER

The STS stringer is a connecting stringer with a ribbed Omega section profile, 21 x 15 x 1 mm and 554 mm long, with anti-cut fold (an accident prevention device to comply with Italian Law 626/494). Like the other types it is made by press-folding 1 mm thick sheet metal to produce an object with maximum rigidity and precision. The stringer snaps onto the head and thus fits exactly even without the anchorage screw which is nonetheless available. All the stringers are supplied with antistatic selfadhesive or polythene gaskets, to seal and soundproof them. Stringers allow rapid installation.

Nominal measurements that are subject to minimal variations caused by mechanical deformation during machining