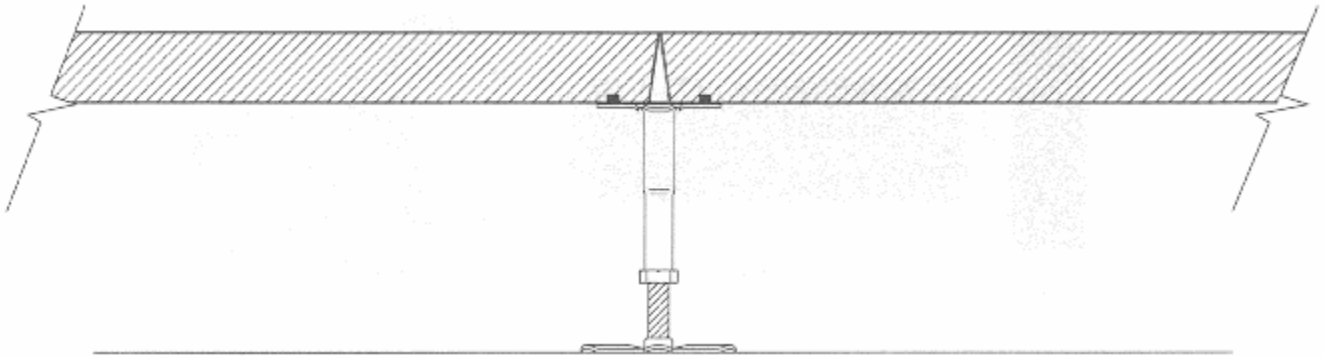


The Structure types

SAS



It is composed exclusively of pedestals which allow a height adjustment from 35 mm to 1030 mm. The pedestals are arranged in a 600 x 60000 mm grid, and include:

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.

2) 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.

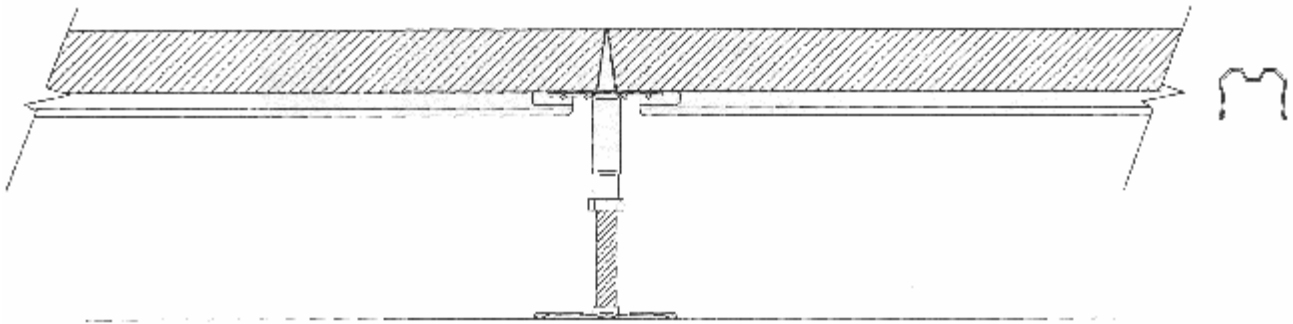
A gasket of antistatic or conductive polythene, completes the head and snaps on to become solid with it. The SAS structure is installed without stringers; we recommend that the pedestal be bonded to the slab surface using the special bore holes in the base.

N.B. The drawing and description above refer to pedestals up to 315 mm high; for heights from 165 to 1030 mm please refer to the structure known as "Type B" described below and illustrated on page 8:

The round supporting base can have a diameter of 100 x 2.5 mm and can be welded to the threaded bushing 22 x 3 mm in diameter, or a diameter of 95 x 1.5 mm and be coupled mechanically by cold forming to the 20 x 2 mm diameter pipe.

The head, the upper element of the pedestal, is square, measuring 75 x 75 mm, 2.5 mm thick, and suitably shaped for the forced tightening of an M16 threaded shaft, with anti-backoff nut that provides micrometric adjustment of the final height.

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



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:

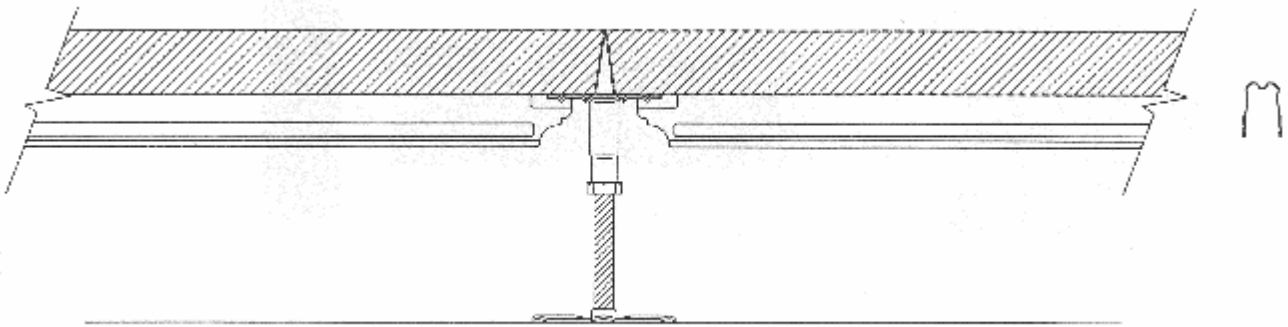
1) Base: the element that rests on the slab, composed of a metal plate 90 mm in diameter and 1.8 mm thick, sheared to obtain the necessary rigidity and to guarantee excellent grip to any glue. A 2 mm M16 tie rod 30 to 200 mm long, is applied by arc weld. The weld is performed to ensure the two elements are perfectly joined. A nut with anti-backoff notches allows the pedestal to be adjusted.

2) 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.

3) 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 self-adhesive or polythene gaskets, to seal and soundproof them. Stringers allow rapid installation.

N.B. The drawing and description above refer to pedestals up to 315 mm high; for heights from 165 to 1030 mm please refer to the structure known as "Type B" described in the note on page 4 and illustrated on page 8.

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



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:

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.

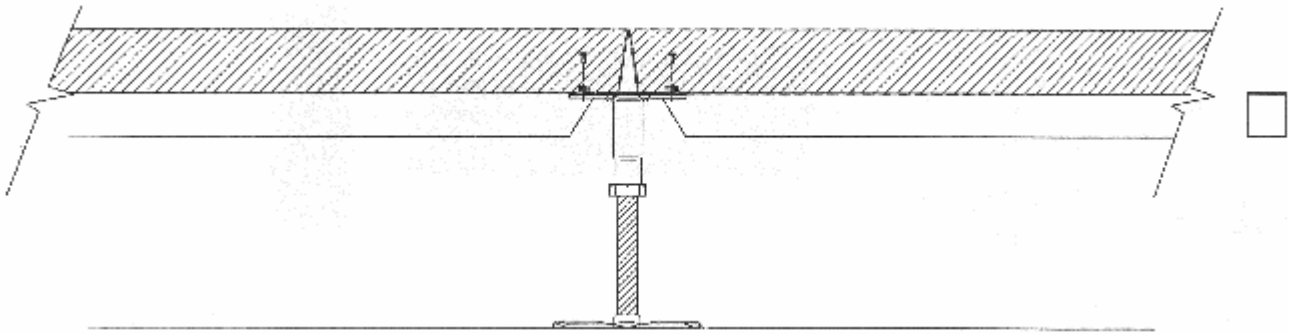
2) Head: supporting element composed of a metal plate 75 x 75 mm, 2.5 mm thick, shaped by shear die to achieve besides the necessary stiffening effect and supports also a deep drawing so that a complete object can be produced in a single piece, suitable for adjustment.

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.

3) Stringer: The STR stringer is a load-bearing stringer with a ribbed Omega section profile, 21 x 33 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 self-adhesive or polythene gaskets, to seal and soundproof them. Stringers allow rapid installation.

N.B. The drawing and description above refer to pedestals up to 315 mm high; for heights from 165 to 1030 mm please refer to the structure known as "Type B" described in the note on page 4 and illustrated on page 8.

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



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:

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.

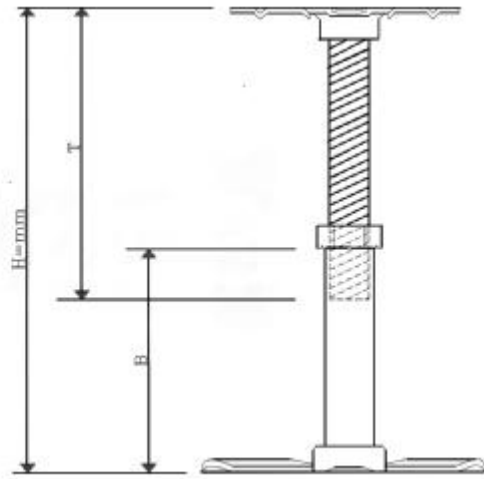
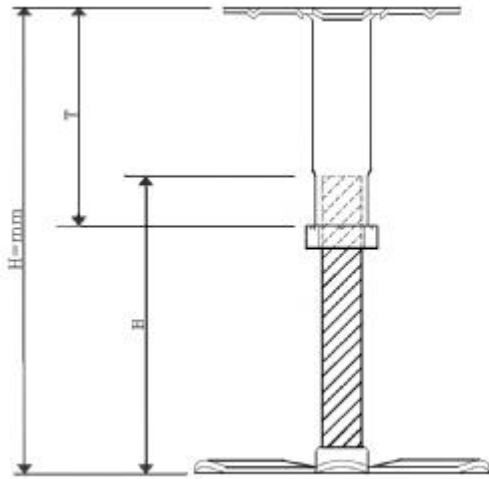
2) Head: supporting element composed of a metal plate 75 x 75 mm, 2.5 mm thick, shaped by shear die to achieve besides the necessary stiffening effect and supports also a deep drawing so that a complete object can be produced in a single piece, suitable for adjustment. This state-of-the-art solution 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.

3) Stringer: The STO stringer is a load-bearing stringer with a ribbed square section profile, 22 x 22 x 1 mm and 554 mm long. It is produced by inclined cut and shearing of an electro-welded tubular element. The stringer is coupled to the head by anchorage screws with a suitable diameter. All the stringers are supplied with antistatic self-adhesive or polythene gaskets, to seal and soundproof them. The use of stringers makes for rapid installation.

N.B. The drawing and description above refer to pedestals up to 315 mm high; for heights from 165 to 1030 mm please refer to the structure known as "Type B" described in the note on page 4 and illustrated on page 8.

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

SAS – STS – STR – STO Pedestal Height Adjustment Ranges



Type A

Adjustment Range* **Composition***
Base + Head

da 35 a 40 mm	B30S + T20FS
35/50	B30S + T30FS
45/70	B40S + T40FI
55/80	B50A + T40FI
65/90	B60A + T40FI
75/100	B70A + T40FI
85/110	B80A + T40FI
95/145	B80A + T80FI
105/155	B100A + T80I
105/165	B100A + T80FI
125/175	B120A + T80I
125/185	B120A + T80FI
155/205	B150A + T80I
155/215	B150A + T80FI
175/225	B170A + T80I
175/235	B170A + T80FI
205/255	B200A + T80I
205/265	B200A + T80FI
225/275	B220A + T80I
225/285	B220A + T80FI
255/305	B250A + T80I
255/315	B250A + T80FI

Type B

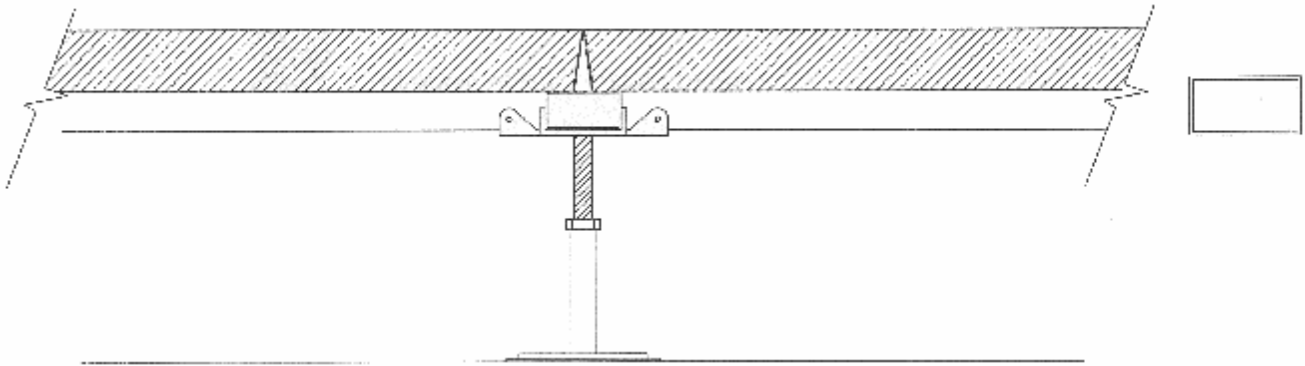
Adjustment Range* **Composition***
Base + Head

da 165 a 210 mm	B140 + T100A
165/230	B140 + T120A
195/240	B170 + T100A
195/260	B170 + T120A
195/280	B170 + T150A
225/290	B200 + T120A
275/340	B250 + T120A
325/390	B300 + T120A
375/440	B350 + T120A
425/490	B400 + T120A
475/540	B450 + T120A
525/590	B500 + T120A
505/630	B480 + T200A
605/730	B580 + T200A
705/830	B680 + T200A
805/930	B780 + T200A
905/1030	B880 + T200A

* all measures are expressed in millimetres

N.B.: B = Base; T = Head; F = threaded; S = welded; I = drawn; A = screwed.

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



A structure engineered to bear extra heavy loads with adjustable pedestals made of pressed and galvanized steel with height adjustment range from 85 mm to over 1060 mm. The pedestals are set in links with distance of 600 x 600 mm and are composed of:

1) Base: the round base which has a diameter of 95 mm (thickness of 1,5 mm) and/or 100 mm (thickness of 2,5 mm) according to the height of the M16 welded, threaded shaft. The height level is blocked with a 6-toggle nut.

2) Head: A four-sided head 110 x 110 mm (thickness of 3 mm) which has M5x10 side screws for the fixing of the stringers.

3) Stringer: Passing-through galvanized 1 mm steel stringers with box shaped profile 50 x 25 mm, available in the lengths 2400 - 1800 - 550 mm, with antistatic self-adhesive gaskets and head gaskets made of conductive polythene on request.

STC pedestal height adjustment ranges

Adjustment Range *	Composition*: Base + Head	Adjustment Range *	Composition*: Base + Head
Da 85 a 115 mm	B40F + T50†	Da 225 a 300 mm	B200 + T100†
95/125	B50F + T50†	255/320	B200 + T120†
105/135	B50F + T60†	255/340	B200 + T150†
115/150	B60 + T80†	305/370	B250 + T120†
125/155	B70 + T80†	355/420	B300 + T120†
135/180	B70 + T100†	405/450	B350 + T120†
145/195	B90 + T100†	405/480	B350 + T150†
155/215	B90 + T120†	455/520	B400 + T120†
175/225	B120 + T100†	505/570	B450 + T120†
175/240	B120 + T120†	555/620	B500 + T120†
195/240	B140 + T100†	535/660	B480 + T200†
195/260	B140 + T120†	635/760	B580 + T200†
195/290	B140 + T150†	735/860	B680 + T200†
225/290	B170 + T120†	835/960	B780 + T200†
225/310	B170 + T150†	935/1060	B880 + T200†

* all measure are expressed in millimetres.

N.B.: B = Base; T = Head; F = threaded; † = tubular