



SHELVING

SHELVES

The shelves are supplied by individual elements; they can be assembled in different compositions by the end user. They are suitable especially for big facilities but also for little areas. There are different versions: interlocking shelving, bolt shelving, and modular system MP4 shelving. For each shelving there are several elements.

HOOK SHELVING

The interlocking shelving is suitable for archiving or setting up warehouses. It is versatile and robust; it can be assembled in multiple combinations ensuring the biggest flexibility. It doesn't need specific tools and bolts for the assembly. The basic configuration requires the use of: uprights, crosspieces, unified shelves, hooks and feet. Using the connecting bracket, the shelving supports the storage box. The uprights determine the height, the cross-pieces the depth.

BOLT SHELVING

The modular bolt shelving is assembled in different combinations easily. Three type of steel angle can be used: A35, A40, or A55. The bolts are zinc-coated and they include a nut. Steel angles determine the height of the shelving, whereas the selected shelf defines the depth. The payload depends on the type of steel angle and shelf.

MODULAR SYSTEM MP4 SHELVING

Realized by press-formed or cold-formed sheet steel. This type of shelving is characterized by different elements that determine a high coefficient of modularity. The basic structure of an MP4 shelf is composed of a pair of shoulders, from the rails, MP4 unified shelves. Alternatively: tiles, feet and self-tapping screws. The shoulder is supplied unassembled and consists of: uprights, crosspieces, diagonal braces (also distributed individually).



PRESCRIPTNS

1. Before starting assembly, please check the physical integrity of all components. 2. Align the shelving in the direction of depths and lengths. 3. The perpendicular deviation must not exceed 1 / 200th of the shelving height and length. 4. In case of installation on a floor not perfectly leveled, please prepare suitable shims under the shelving feet, to ensure correct leveling of the same. 5. The shelves must have the uprights / angles fixed to the wall (by means of anchor bolts) at the upper end of the same. In case of installation of multi-corridor systems, a series of reinforcing elements must be provided between one shelf and another that prevent transverse movements in the two directions of the shelves. 6. Fixing the shelves to the corners must be done by bolting the shelf to the provided 8 points. 7. In case of installation in areas where lifting means are to be carried out (forklift trucks / transpallets), we advise you to provide anchors to the floor and the protections in order to avoid accidental collisions with the elements of the structure. 8. The shelves must be loaded, proceeding from bottom to the top, with a uniform weight distribution (uniformly distributed load). 9. People must not climb or lean on shelving with ladders or other tools. 10. In case of transverse (random or accidental) impacts on the structure, please check that the prescription of point 3 is still respected. Otherwise, please take prompt action to restore correct alignment. 11. It is important to check periodically that the above requirements are complied with in order to avoid dangerous situations, caused by anomalies that can not be found during normal use of the shelves.

MATERIALS

They are made of press-formed or cold-formed sheet steel with surface finish coating after phospho-degreasing pre-treatment by iron phosphates in protection and preparation for the final cross-linked varnishing in a continuous furnace at 160/180 C. The standard colour is RAL 7035 grey. MP4 shelving is in galvanized sheet steel.



UNITED SHELF

for interlocking shelving, bolt shelving
and modular system MP4 shelving

It is with or without support; it has the third fold that increases safety and resistance.
The shelf is clinched in its four corners. It is wrapped in 5-piece per unit film.

VARNISHED SHELF FOR INTERLOCKING SHELVING, BOLT SHELVING AND MODULAR SYSTEM MP4 SHELVING

ITEM NUMBER	P	L	PT	PS	COD. EAN
TS110R03060X	300	600	190,00	1,20	8034105903395
TS110R03070X	300	700	160,00	1,40	8034105903401
TS110R03081X	300	800 R	160,00	1,70	8034105903418
TS110R03091X	300	900 R	150,00	1,80	8034105903425
TS110R03100X	300	1000	120,00	2,00	8034105903432
TS110R03101X	300	1000 R	140,00	2,20	8034105903449
TS110R03111X	300	1100 R	130,00	2,50	8034105903456
TS110R03121X	300	1200 R	120,00	2,60	8034105903463
TS110R03151X	300	1500 R	90,00	3,20	8034105903470
TS110R04060X	400	600	200,00	1,80	8034105903487
TS110R04071X	400	700 R	210,00	2,30	8034105903494
TS110R04081X	400	800 R	200,00	2,60	8034105903500
TS110R04091X	400	900 R	180,00	2,80	8034105903517
TS110R04101X	400	1000 R	160,00	3,20	8034105903524
TS110R04111X	400	1100 R	150,00	3,40	8034105903531
TS110R04121X	400	1200 R	130,00	3,60	8034105903548
TS110R04151X	400	1500 R	110,00	4,70	8034105903555
TS110R05072X	500	700 RR	220,00	2,90	8034105903562
TS110R05082X	500	800 RR	210,00	3,40	8034105903579
TS110R05092X	500	900 RR	200,00	3,60	8034105903586
TS110R05102X	500	1000 RR	190,00	4,00	8034105903593
TS110R05112X	500	1100 RR	170,00	4,40	8034105903609
TS110R05122X	500	1200 RR	160,00	4,80	8034105903616
TS110R05152X	500	1500 RR	120,00	6,00	8034105903623
TS110R06082X	600	800 RR	220,00	3,80	8034105903630
TS110R06092X	600	900 RR	210,00	4,20	8034105903647
TS110R06102X	600	1000 RR	190,00	4,80	8034105903654
TS110R06122X	600	1200 RR	160,00	5,60	8034105903661
TS110R06152X	600	1500 RR	130,00	7,20	8034105903678

ZINC-COATED SHELF FOR INTERLOCKING SHELVING, BOLT SHELVING AND MODULAR SYSTEM MP4 SHELVING

ITEM NUMBER	P	L	PT	PS	COD. EAN
TS110R04081Z	400	800 R	200,00	2,60	8034105908604
TS110R04101Z	400	1000 R	160,00	3,20	8034105908611
TS110R04121Z	400	1200 R	130,00	3,60	8034105908628
TS110R05082Z	500	800 RR	210,00	3,40	8034105908635
TS110R05102Z	500	1000 RR	190,00	4,00	8034105908642
TS110R05122Z	500	1200 RR	160,00	4,80	8034105908659
TS110R06082Z	600	800 RR	220,00	3,80	8034105908666
TS110R06102Z	600	1000 RR	190,00	4,80	8034105908673
TS110R06122Z	600	1200 RR	160,00	5,60	8034105908680





UPRIGHT

Packaging 5 pieces; Maximum capacity per upright is 500 kg; thickness 1,0 mm. It determines the height of the shelving. Section: 4,5 x 2,5 mm.

ITEM NUMBER	DIM	PS	COD. EAN
TS151M2010X	2000	2,00	8034105904071
TS151M2510X	2500	2,50	8034105904088
TS151M3010X	3000	3,00	8034105904095



CROSS PIECE

It determines the depth of shelving.

ITEM NUMBER	DIM	PS	COD. EAN
TS150T03X	300	0,30	8034105904026
TS150T04X	400	0,40	8034105904033
TS150T05X	500	0,50	8034105904040
TS150T06X	600	0,60	8034105904057



ZINC-COATED UPRIGHT

Packaging 5 pieces; maximum capacity per upright is 500 kg; thickness 1,0 mm. It determines the height of the shelving. Section: 4,5 x 2,5 mm.

ITEM NUMBER	DIM	PS	COD. EAN
TS152M2010Z	2000	2,00	8034105904590
TS152M2510Z	2500	2,50	8034105904606
TS152M3010Z	3000	3,00	8034105904613



ZINC-COATED CROSS PIECE

It determines the depth of shelving.

ITEM NUMBER	DIM	PS	COD. EAN
TS152T03Z	300	0,30	8034105904637
TS152T04Z	400	0,40	8034105904644
TS152T05Z	500	0,50	8034105904651
TS152T06Z	600	0,60	8034105904668



FOOT

In black polyethylene.

ITEM NUMBER	COD. EAN
TM150N4627	8034105903340



ADJUSTABLE FOOT

In black polyethylene.

ITEM NUMBER	COD. EAN
TM150N4627R	8034105903357



CONNECTING BRACKET

Support for the container accessory.

ITEM NUMBER	COD. EAN
TS180SR	8034105904255



STIFFENING CRUISE

Greater stability of the structure.

ITEM NUMBER
TS180CRO



HOOK

In zinc-coated sheet.

ITEM NUMBER	COD. EAN
TS150G	8034105904002





STEEL ANGLE A35

Packaging 10 pieces: maximum capacity per steel angle is 350 kg; thickness 1,8 mm. It determines the height of the shelving.

ITEM NUMBER	H	DIM	PS	COD. EAN
TS141A1018X	1000	35x35	0,80	8034105903999
TS141A1518X	1500	35x35	1,20	8034105904019
TS141A2018X	2000	35x35	1,60	8034105903920
TS141A2518X	2500	35x35	2,00	8034105903937
TS141A3018X	3000	35x35	3,30	8034105903944



STEEL ANGLE A40

Packaging 10 pieces: maximum capacity per steel angle is 400 kg; thickness 1,8 mm. It determines the height of the shelving.

ITEM NUMBER	H	DIM	PS	COD. EAN
TS146A2018X	2000	40x40	2,10	8034105909007
TS146A2518X	2500	40x40	2,70	8034105909014
TS146A3018X	3000	40x40	3,20	8034105909021
TS146A3518X	3500	40x40	3,70	8034105909038
TS146A4018X	4000	40x40	4,20	8034105909045



STEEL ANGLE A55

Packaging 10 pieces: maximum capacity per steel angle is 400 kg; thickness 1,8 mm. It determines the height of the shelving.

ITEM NUMBER	H	DIM	PS	COD. EAN
TS142A2018X	2000	35x55	2,00	8034105903968
TS142A2518X	2500	35x55	2,40	8034105903975
TS142A3018X	3000	35x55	3,60	8034105903982



BOLT

Nut and zinc-coated screw; packaging 40 pieces.

ITEM NUMBER	DIM	COD. EAN
TB140CF81040	8x10	8034105903289



ZINC-COATED STEEL ANGLE A35

Packaging 10 pieces: maximum capacity per upright is 350 kg; thickness 1,8 mm. It determines the height of the shelving.

ITEM NUMBER	H	DIM	PS	COD. EAN
TS141A2018Z	2000	35x35	1,60	8034105908697
TS141A2518Z	2500	35x35	2,00	8034105908703
TS141A3018Z	3000	35x35	3,30	8034105908710



FOOT A35

In black polyethylene.

ITEM NUMBER	COD. EAN
TM140P3535	8034105903326

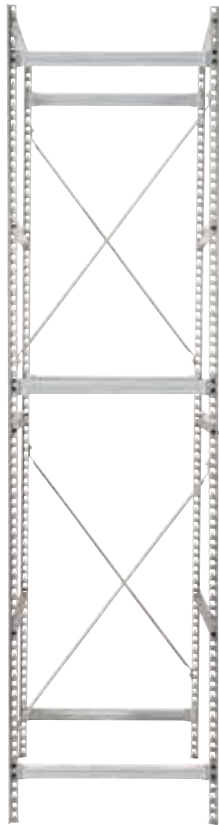


FOOT A55

In black polyethylene.

ITEM NUMBER	COD. EAN
TM140P3555	8034105904255





ASSEMBLABLE STRUCTURE FOR SHELVES

it is composed of a pair of uprights connected to each other by interlocking crosspieces and screwed diagonal braces. Maximum capacity per upright is 1.500 kg.

ITEM NUMBER	DIM	Uprights	Cross pieces	Diagonal braces	PS
TS262S0420	400x2000	2 of 2000 mm	3 of 400 mm	2 of 773 mm	6,40
TS262S0520	500x2000	2 of 2000 mm	3 of 500 mm	2 of 773 mm	6,50
TS262S0620	600x2000	2 of 2000 mm	3 of 600 mm	2 of 773 mm	6,60
TS262S0820	800x2000	2 of 2000 mm	3 of 800 mm	2 of 1094 mm	6,80
TS262S0425	400x2500	2 of 2500 mm	4 of 400 mm	2 of 773 mm	7,90
TS262S0525	500x2500	2 of 2500 mm	4 of 500 mm	2 of 773 mm	7,90
TS262S0625	600x2500	2 of 2500 mm	4 of 600 mm	2 of 773 mm	8,00
TS262S0825	800x2500	2 of 2500 mm	4 of 800 mm	2 of 1094 mm	8,30
TS262S0430	400x3000	2 of 3000 mm	4 of 400 mm	3 of 773 mm	9,30
TS262S0530	500x3000	2 of 3000 mm	4 of 500 mm	3 of 773 mm	9,50
TS262S0630	600x3000	2 of 3000 mm	4 of 600 mm	3 of 773 mm	9,60
TS262S0830	800x3000	2 of 3000 mm	4 of 800 mm	3 of 1094 mm	9,80
TS262S0435	400x3500	2 of 3500 mm	5 of 400 mm	4 of 773 mm	10,80
TS262S0535	500x3500	2 of 3500 mm	5 of 500 mm	4 of 773 mm	10,90
TS262S0635	600x3500	2 of 3500 mm	5 of 600 mm	4 of 773 mm	11,90
TS262S0835	800x3500	2 of 3500 mm	5 of 800 mm	4 of 1094 mm	11,40
TS262S0440	400x4000	2 of 4000 mm	5 of 400 mm	4 of 773 mm	12,70
TS262S0540	500x4000	2 of 4000 mm	5 of 500 mm	4 of 773 mm	12,90
TS262S0640	600x4000	2 of 4000 mm	5 of 600 mm	4 of 773 mm	12,90
TS262S0840	800x4000	2 of 4000 mm	5 of 800 mm	4 of 1094 mm	13,30



upright connecting elements



self-threading screw
upright
cross pieces
upright connecting elements
diagonal braces
tile element



DIAGONAL BRACES

Diagonal braces allow the bracing of the assemblable structure for shelves.
Thickness is 1,2 mm.

ITEM NUMBER	DIM	PS
TS360D08	773	0,20
TS360D10	1094	0,30



CROSS PIECES

They connect uprights;
thickness is 1 mm.

ITEM NUMBER	L	PS
TS360T04	400	0,130
TS360T05	500	0,160
TS360T06	600	0,190
TS360T08	800	0,260



UPRIGHT CONNECTING ELEMENTS

They allow housing of shelves and tile elements;
thickness is 1 mm.

ITEM NUMBER	DIM	PT	PS
TS360C10	1000	380	0,80
TS360C12	1200	314	1,00



FOOT

In zinc-coated steel, they allow fixing to
the floor.

ITEM NUMBER	COD. EAN
TS360P	8034105904781



SELF-THREADING SCREW

In zinc-coated steel 4,8 x 1,6 mm;
packaging 100 pieces.

ITEM NUMBER
TB160V





TILE ELEMENT

Allows the table top in the assemblable structure for shelves. Packaging 10 pieces; in zinc-coated plate; thickness 0,6 mm. Determine the table top.

ITEM NUMBER	DIM	PT	PS
TS160T0204	200x400	180	0,60
TS160T0205	200x500	140	0,70
TS160T0206	200x600	120	0,80
TS160T0208	200x800	90	1,10



UPRIGHT

In zinc-coated steel 1,2 mm; rapid hooking system, with safety system to prevent accidental releases.

ITEM NUMBER	H	PS
TS361M20	2000	2,80
TS361M25	2500	3,40
TS361M30	3000	4,10
TS361M35	3500	4,80
TS361M40	4000	5,50

