

*Import Belgium & Luxembourg*

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# 3

## WORKPLACE SYSTEMS



## WORKPLACE SYSTEMS

For many years now, MiniTec profile system and MiniTec CADmenu have been setting the standard to process flow, workplaces, factory automation and machine protection.

Tailor-made workplaces avoid detrimental compromises. The modular MiniTec system with its associated software is basis for realizing optimal problem solution both economically and quickly.

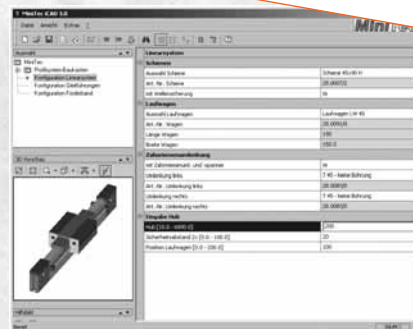
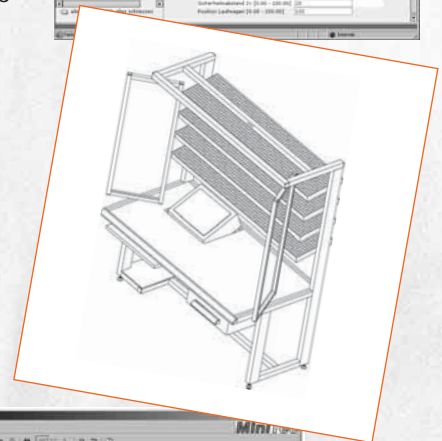
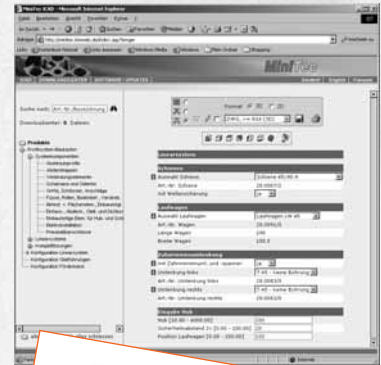
All system components are compatible and can be combined to form production systems.

Flexibility and profitability must not necessarily be competing targets. Manual workplaces allow highly flexible response to changed requirements or recommend themselves for individual production. Complex production systems, too, can be arranged economically in connection with the multiple combination possibilities that the MiniTec program offers.

Both manual components - such as roller conveyors, ball transfer systems for KanBan solutions or material trolleys are available for linking workstations. Automatic linking is established using linear axles, belt conveyors or flexible transfer system TSG.

Our design software MiniTec CADmenu is at your free disposal for designing your workplaces. The software helps you in designing workstations of various versions within a short period of time. In addition, the system automatically creates the parts list and an installation plan to option. Automatic design modules for linear technology, protective gear and conveyors are also available.

In our electronic catalog, furthermore, all components of the MiniTec system are contained along with interfaces to all CAD systems on the market.



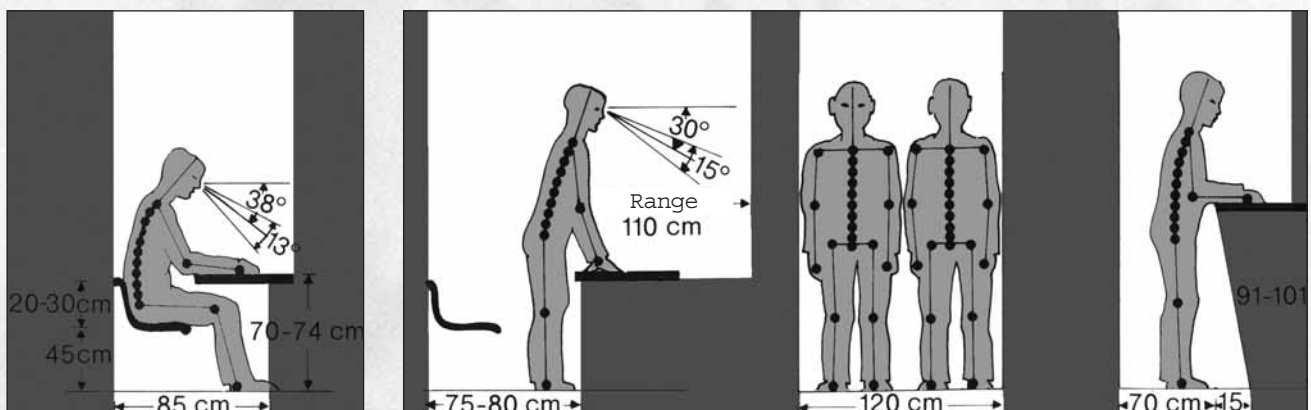
## WORKPLACE DESIGN

Workplace design by ergonomics is described under DIN 334000 ff and harmonized European Standard, e.g. DIN ENV 26 385. Objective of ergonomic design is, among others, adaptation of workplace, working space, environment and lighting to human properties and skills. The modular system for designing individual workplaces enables optimal adaptation to task and individual employee concerned.

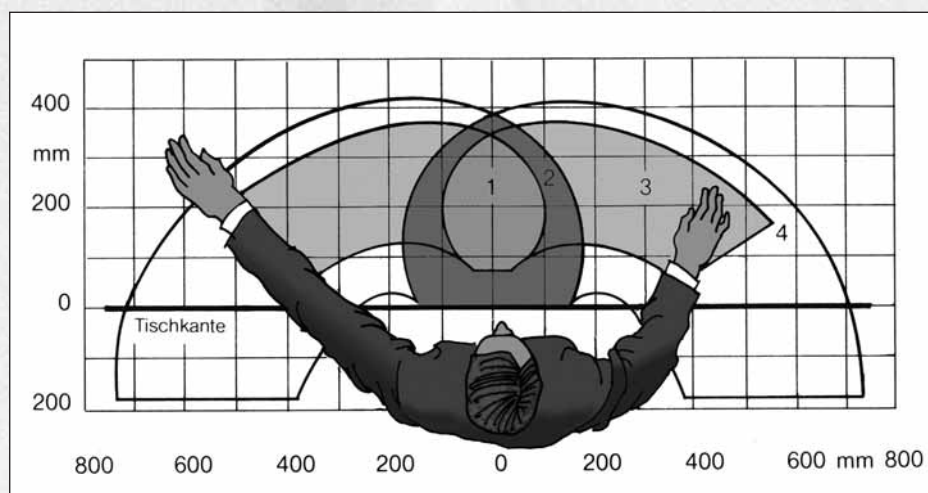
Correct workplace design has, to a high degree, positive effects on employees' health, performance, endurance and concentration.



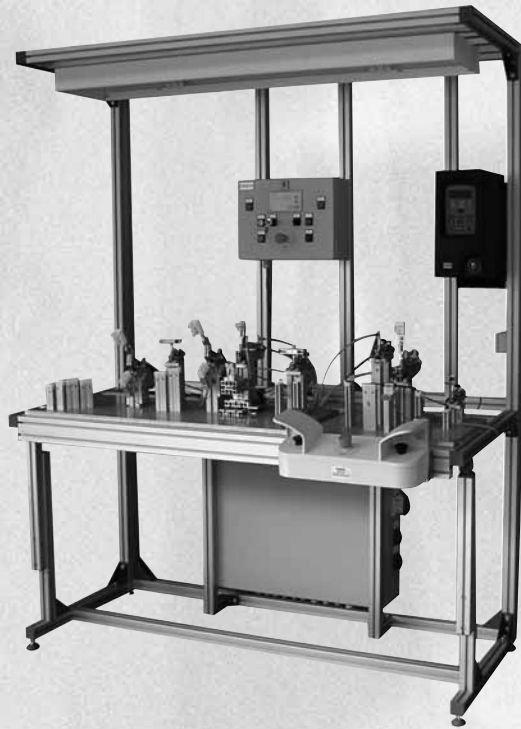
### Standards for space requirement



### Grab space







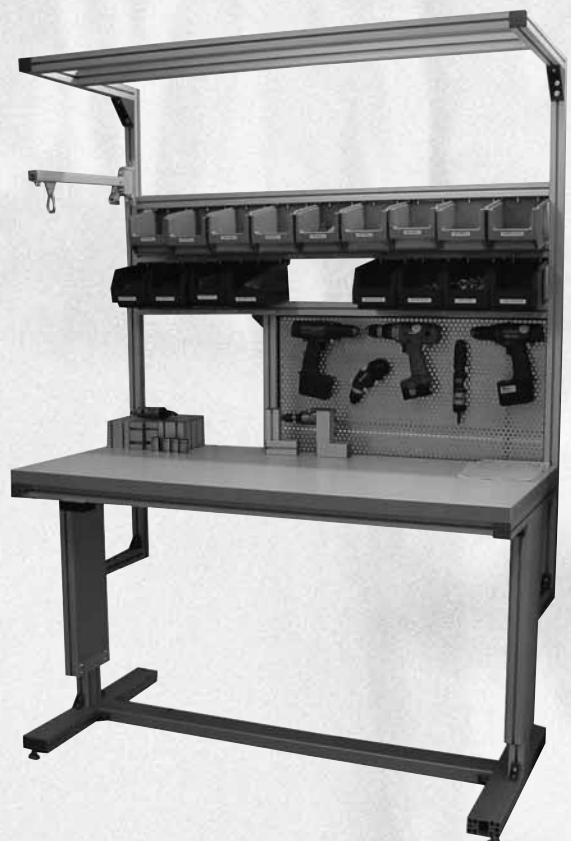
ASSEMBLY STATION FOR BRAKE TUBES

WORKTABLE FOR SWITCHBOARD ASSEMBLY



WORKSTATION WITH INCLINED WORKING PLANE

ASSEMBLY TABLE WITH PROVISION OF TOOLS





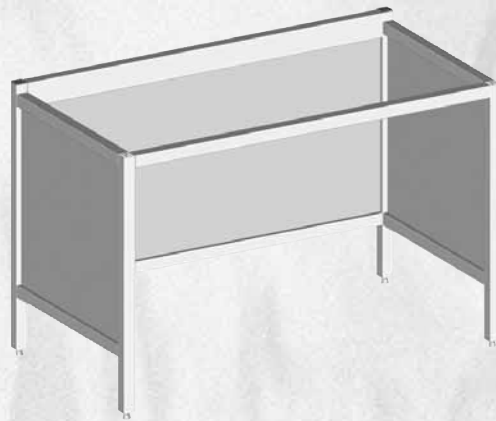
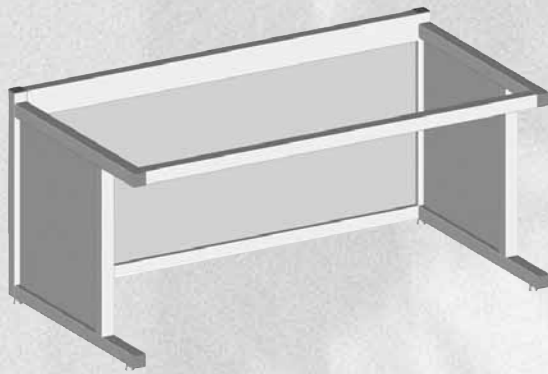




## BASE FRAMES

The work table is the core piece of the workplace. Through its flexible, ergonomic and goal-oriented design, it is the base for extremely economically flexible workplace systems.

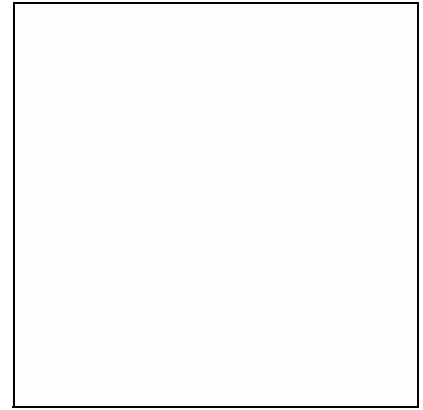
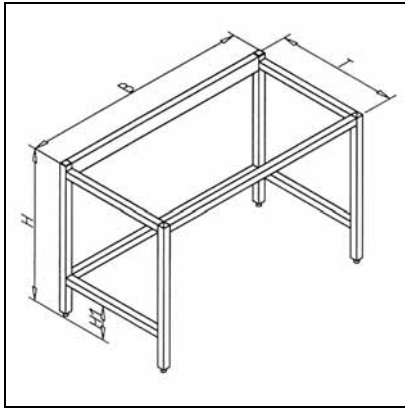
The following pages show examples of the different work tables.





## CONTAINER TABLE

Part. N° 32.0110/0



## TECHN. DATA

- Basic frame, profile mat. 45 x 45 F, anodized E6/EV1
- Foot GD, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fasteners
- Without tabletop
- Tabletops: See page

## TECHN. DATA

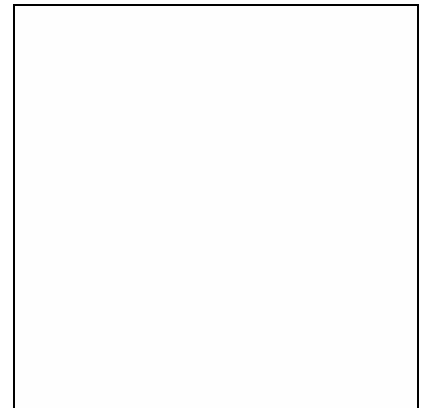
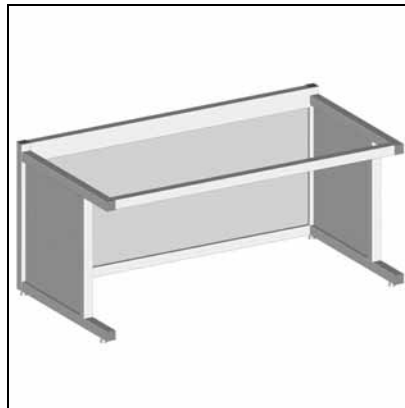
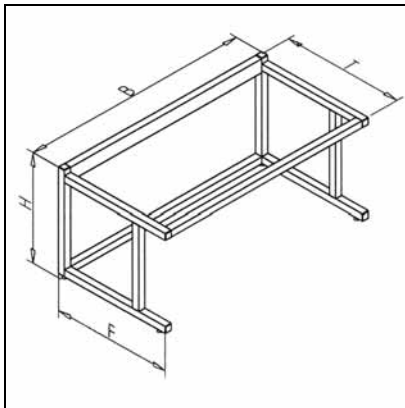
- Max. dimensions:  
B=2500 mm, T=1500 mm
- Seated work position (without tabletop):  
H= 678 mm
- Standing work position  
(without tabletop): H= 878 mm
- Preferred size: B= 1500 mm, T= 800 mm
- Max. load: 2000 N at even load distribution

## TECHN. DATA

- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T and H

## DESK TABLE

Part. N° 32.0120/0



## TECHN. DATA

- Basic frame, profile mat. 45 x 45 F, anodized E6/EV1
- Foot GD, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fasteners
- Without tabletop
- Tabletops: See page 364

## TECHN. DATA

- Max. dimensions:  
B=2500 mm, T=1500 mm
- Seated work position (without tabletop):  
H= 678 mm
- Standing work position  
(without tabletop): H= 878 mm
- Preferred size: B=1500 mm, T= 800 mm
- Max. load: 2000 N at even load distribution

## TECHN. DATA

- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T, H and F





## HEIGHT-ADJUSTABLE TABLES



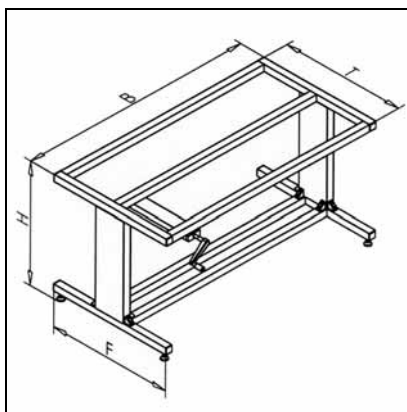
## HEIGHT-ADJUSTABLE TABLES

Elbow-room is an important prerequisite for non-tiring, concentrated work. The height-adjustable tables allow fast and simple adaptation to the individual height of the employee concerned. Beyond that, the operating position between standing and seating may be varied during the course of the workday. Permanent postural deformities are thus prevented.



## HYDRAULICALLY HEIGHT-ADJUSTABLE TABLE

Part. N° 32.0080/0



## TECHN. DATA

- Basic frame, profil 45 x 45 F, anodized E6/ EV1
- Foot GD, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fasteners
- Table with several supports on request
- ESD on request

## TECHN. DATA

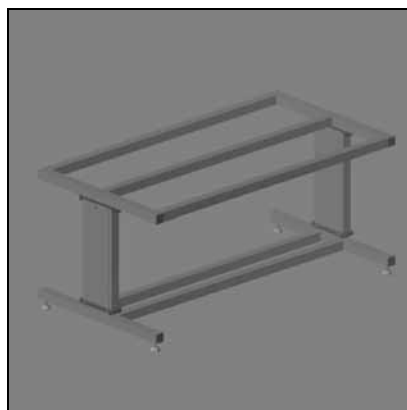
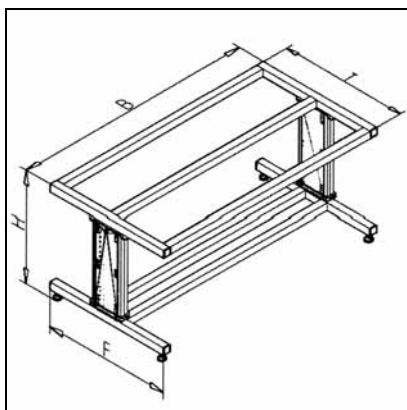
- Height adjustment: Hand pump with retractable crank handle, mounted underneath tabletop, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves or profile 45x90 S
- Without tabletop, tabletops: See page
- Please specify desired dimensions B, T, H and F

## TECHN. DATA

- Adjustment range upper tabletop edge: H= 685 - 985 mm or 785 - 1085 mm
- Max. dimensions: B=2500 mm T=1500 mm
- Standard height (without tabletop): H = 685 mm or 785 mm
- Preferred size: B = 1500 mm , T= 800 mm
- Max. load: 2000 N, higher load capacity on request

## ELECTRICALLY HEIGHT-ADJUSTABLE TABLE

Part. N° 32.0070/0



## TECHN. DATA

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fasteners
- ESD on request

## TECHN. DATA

- Height adjustment: With electric servomotor, "Up / Down" switch mounted concealed underneath tabletop, standard connection 240 VAC, synchronous table adjustment with threaded spindles mounted in column sleeves of profile 45x90 S
- Without tabletop, tabletops: See page
- Please specify desired dimensions B, T, H and F

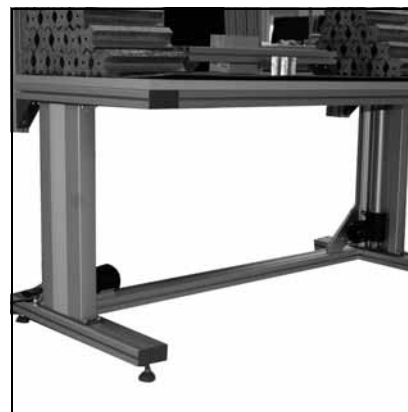
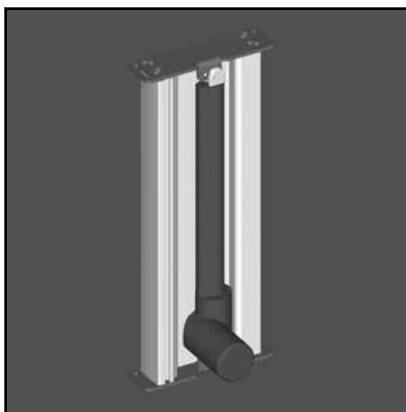
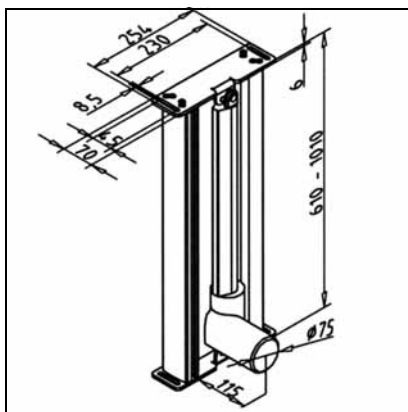
## TECHN. DATA

- Adjustment range upper tabletop edge: H: 695 - 975 mm or 795 - 1075 mm
- Max. dimensions: B=2500 mm T=1500 mm
- Standard height (without tabletop): H = 685 mm or 795 mm
- Preferred size: B = 1500 mm , T= 800 mm
- Max. load: 3000 N
- Higher load capacity on request



## TELESCOPIC HEIGHT ADJUSTMENT

Part. N° 32.0030/0



### TECHN. DATA

- Height adjustment with electric motor and spindle	
- Overall dimension	610 mm
- Stroke	400 mm
- Lifting force	2000 N
- Torque max.	800 Nm
- Speed	12 mm/s
- Short-time operation ED 10%	
- Weight	23 kg

### APPLICATIONS

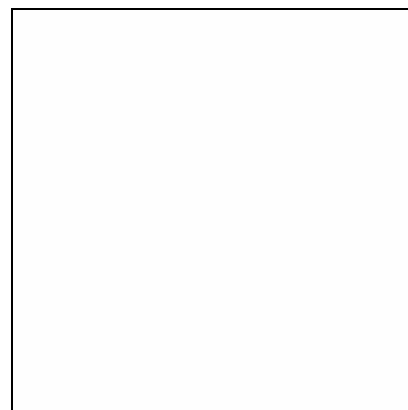
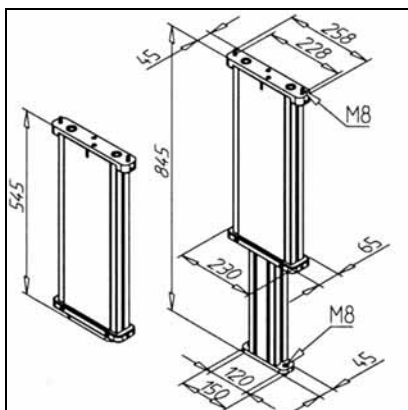
- For raising and lowering the work tables and other equipment
- Further constructions on request

### ITEMS SUPPLIED

- 2 x Lifting column
- 1 x Synchronic control 220V
- 2 x Connecting cable
- 1 x Manual control switch with position indicator and memory function

## TELESCOPIC GUIDE 545 - STROKE 300

Part. N° 32.0310/0



### TECHN. DATA

- Overall dimension	545 mm
- Stroke	300 mm
- Lifting force	1000 N
- Speed 3 mm / crank rotation	
- Up to 6 columns per drive expandable	
- Max load with hand drive 2000 N	
- Max load with electric drive 6000 N	
- Because of higher friction at excentric load the max. load is reduced	
- Weight	6,713 kg

### APPLICATIONS

- For raising and lowering the work tables and other equipment

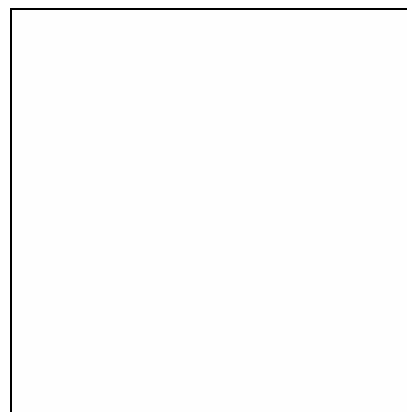
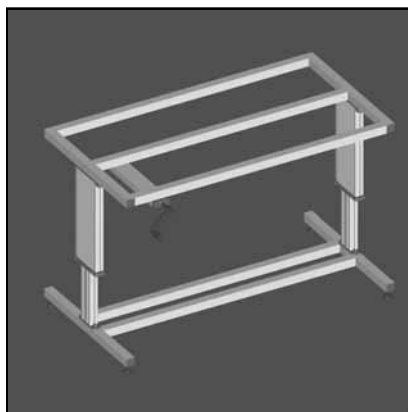
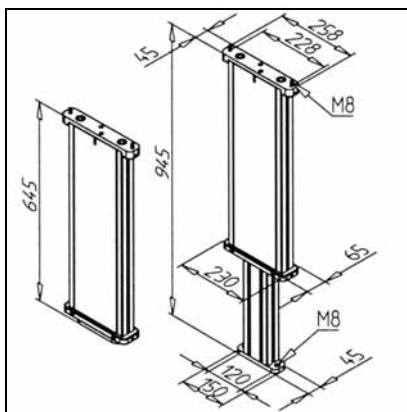
### ITEMS SUPPLIED

- 1x lifting column, fully assembled and adjusted
- Preassembled hydraulic cylinder, tube length 2,5m, filled and pressed
- Without pump and fastening kit



## TELESCOPIC GUIDE 645 - STROKE 300

Part. N° 32.0320/0



## TECHN. DATA

- Fitting dimension	645 mm
- Stroke	300 mm
- Lifting force	1000 N
- Stroke speed 3 mm / crank rotation	
- Up to 6 columns per drive expandable	
- Max system load with hand drive 2000 N	
- Max load system with electric drive 6000 N	
- Because of higher friction at excentric load the load capacity is reduced	
- Weight	7,775 kg

## APPLICATIONS

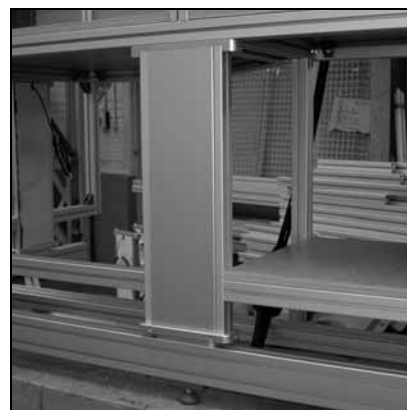
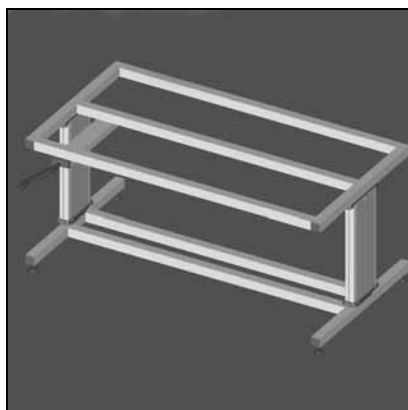
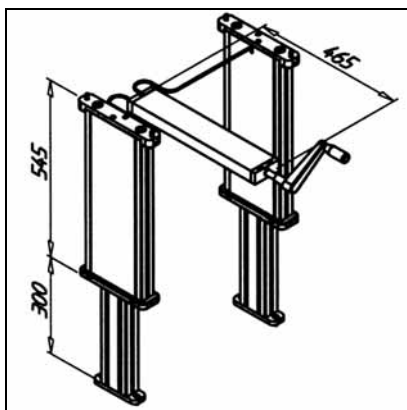
- For raising and lowering the work tables and other equipment

## ITEMS SUPPLIED

- 1x lifting column, fully assembled and adjusted
- Preassembled hydraulic cylinder, tube length 2,5m, filled and pressed
- Without pump or fastening materials

## TELESCOPIC GUIDE 545 - STROKE 300, MANUAL

Part. N° 32.0330/0



## TECHN. DATA

- Overall dimension	545 mm
- Stroke	300 mm
- Lifting force	1000 N
- Stroke speed 3 mm / crank rotation	
- Weight	16,006 kg

## APPLICATIONS

- For raising and lowering the work tables and other equipment
- Multi-column version on request

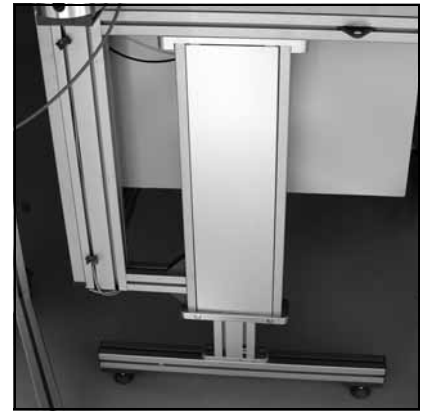
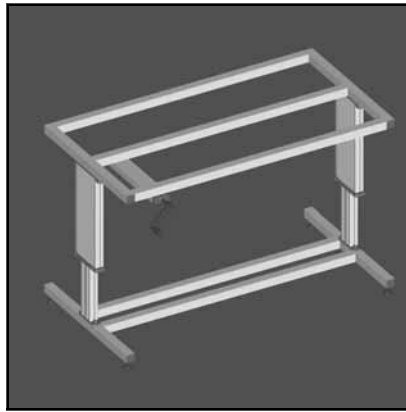
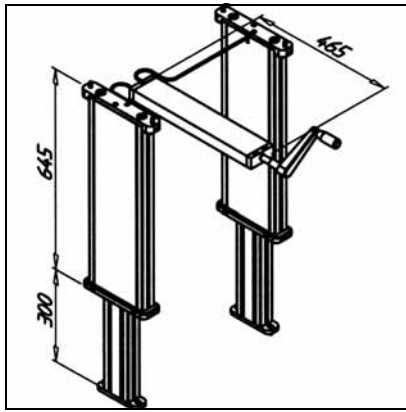
## ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x hydraulic pump with hand-crank
- The system must not be subjected to tensile stress



## TELESCOPIC GUIDE 645 - STROKE 300, MANUAL

Part. N° 32.0332/0



## TECHN. DATA

- Overall dimension	645 mm
- Stroke	300 mm
- Lifting force	1000 N
- Speed 3 mm / crank rotation	
- Weight	18,13 kg

## APPLICATIONS

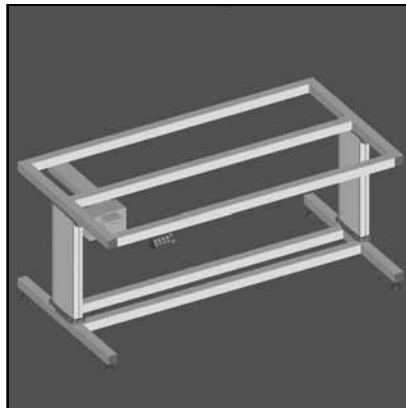
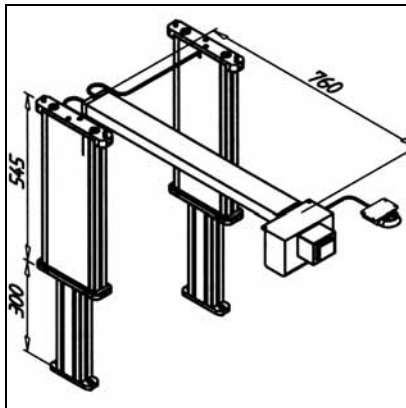
- For raising and lowering the work tables and other equipment
- Multi-column version on request

## ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x hydraulic pump with hand-crank
- The system must not be subjected to tensile stress

## TELESCOPIC GUIDE 545 - STROKE 280, ELECTRICAL

Part. N° 32.0331/0



## TECHN. DATA

- Overall dimension	545 mm
- Stroke	280 mm
- Lifting force	1500 N
- Speed 9 mm / second	
- Max. load with several supports 6000 N	
- Short-time operation ED 5%	
- Weight	22,555 kg

## APPLICATIONS

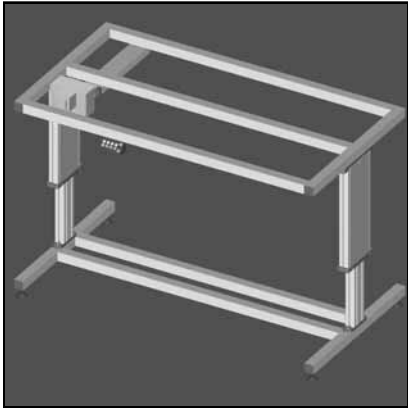
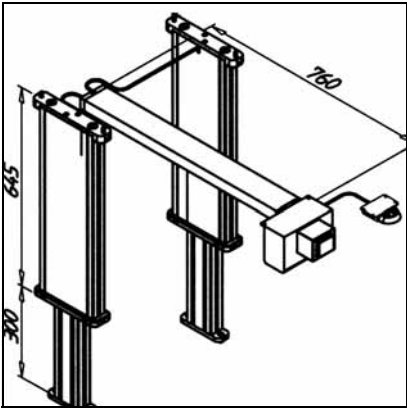
- For raising and lowering the work tables and other equipment
- Multi-column version on request

## ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x electrical hydraulic pump with operating unit
- The system must not be subjected to tensile stress
- Minimum load 200 N

TELESCOPIC GUIDE 645 - STROKE 280, ELECTRICAL

Part. N° 32.0333/0

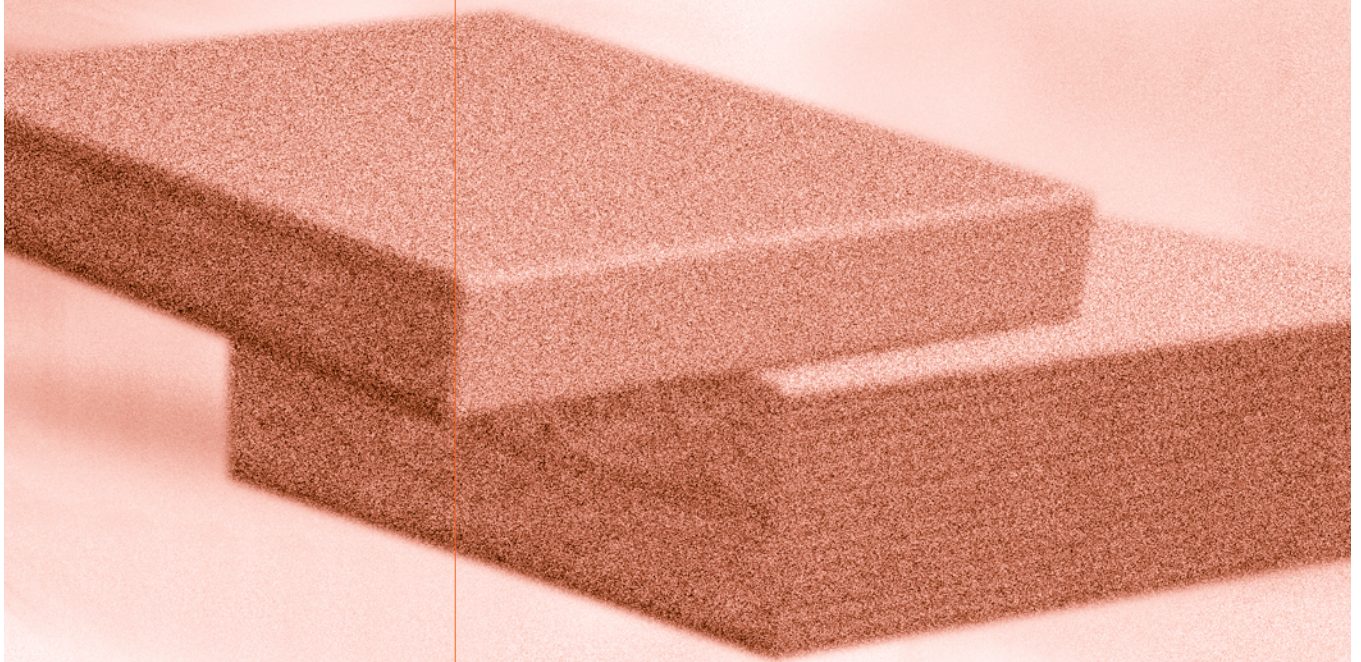
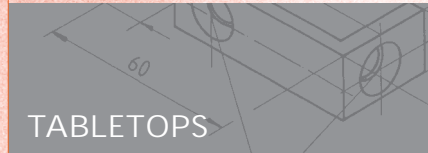


TECHN. DATA	
- Overall dimension	645 mm
- Stroke	280 mm
- Lifting force	1500 N
- Speed	9 mm / second
- Max. load with several supports	6000 N
- Short-time operation	ED 5%
- Weight	24,679 kg

APPLICATIONS
- For raising and lowering the work tables and other equipment
- Multi-column version on request

ITEMS SUPPLIED
- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x electrical hydraulic pump with operating unit
- The system must not be subjected to tensile stress
- Minimum load 200 N







# TABLETOPS

We offer various tabletops for coping with different assembly tasks. Max. panel size is 3000 x 1200 mm. We can realize any special sizes within these dimensions.

In practice, however, the dimensions stated in the tables have established themselves as standard. These standard panels are immediately available ex stock.

The tabletops are attached to the base frame by mounting angle 19 and the chipboard bolts.



## Properties Tabletops

	Scratches	Abrasion	Impact	Heat	Oil	Chemicals	ESD, antistatic	Light reflection
Melamine								
Plastic								
Linoleum								
Multiplex								
Rubber conducting								
Melamine conducting								

- Perfectly suitable
- conditionally suitable
- rather not suitable
- unsuitable



**Tabletop plastic, light grey, 22**

- PVC, white grey, 22 mm
- PVC coating on E1 3 on both sides - laminated chip-board
- Impact-resistant plastic edge band

- Weight 17,300 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0421/0
1500	800	32.0422/0
2000	800	32.0423/0
Other dimensions		32.0420/0

**Tabletop Multiplex, Beech, natural, 22**

- Multiplex, natural, 22 mm
- Robust beech multi-ply panel
- High-pressure waterproof, crosswise glued
- Polished, natural
- Clear varnish or oiled on request

- Weight 16,500 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0441/0
1500	800	32.0442/0
2000	800	32.0443/0
Other dimensions		32.0440/0

**Tabletop Linoleum, light grey, 22**

- Linoleum, light grey, 22 mm
- Wear-resistant, rugged
- Permanently antistatic
- E1 3 - Laminated chipboard, impact-resistant plastic edge band

- Weight 17,720 kg/m<sup>2</sup>

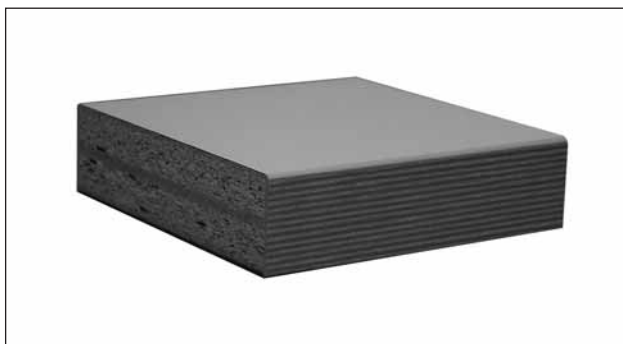
Width	Depth	Part N°.
1000	800	32.0431/0
1500	800	32.0432/0
2000	800	32.0433/0
Other dimensions		32.0430/0

**Tabletop Melamine, light grey, 22**

- Melamine, light grey
- Thickness: 22 mm
- E1 3 - Laminated chipboard, on both sides
- Fine structure, impact-resistant plastic edge band

- Weight 16,850 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0411/0
1500	800	32.0412/0
2000	800	32.0413/0
Other dimensions		32.0410/0

**Tabletop plastic, 40**

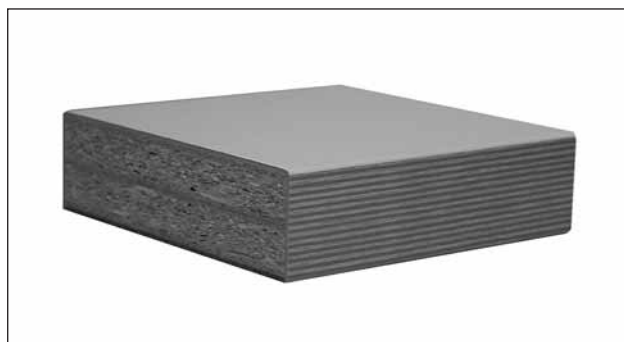
- PVC, light-grey, 40 mm
- PVC coating on E1 3 on both sides - laminated chip-board
- impact-resistant plastic edge band
- Weight 28,500 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0471/0
1500	800	32.0472/0
2000	800	32.0473/0
Other dimensions		32.0470/0

**Tabletop Multiplex, 40**

- Multiplex, natural, 40 mm
- Robust beech multi-ply panel
- High-pressure waterproof, crosswise glued
- Polished, natural
- Clear varnish or oiled upon inquiry
- Weight 30,000 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0491/0
1500	800	32.0492/0
2000	800	32.0493/0
Other dimensions		32.0490/0

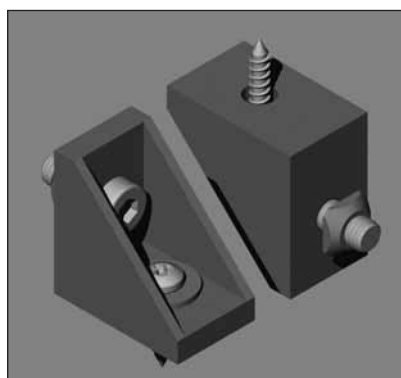
**Tabletop Linoleum, 40**

- Linoleum, light grey, 40 mm
- Wear-resistant, rugged
- Permanently antistatic
- E1 3 - Laminated chipboard, impact-resistant plastic edge band
- Weight 28,500 kg/m<sup>2</sup>

Width	Depth	Part N°.
1000	800	32.0481/0
1500	800	32.0482/0
2000	800	32.0483/0
Other dimensions		32.0480/0

**Fastening angle for tabletop**

Part N° 32.0401/0

**Tech. data:**

- Angle 25, chipboard screw with washer, hex socket cap screw with square nut
- For tabletops from 22mm thickness
- For ESD use Part N° 32.0401/6
- Weight 0,058 kg

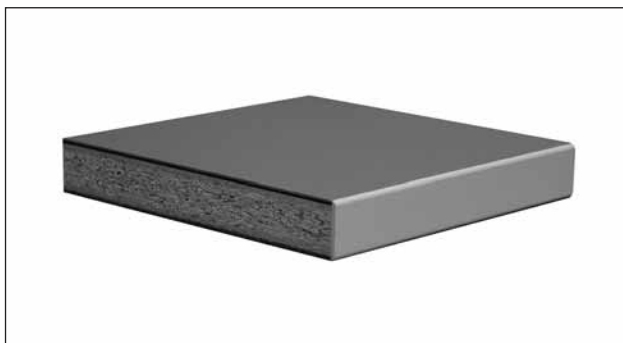
**Application:**

- Fastening of tabletops from 22mm thickness on profile frame

**Assembly:**

- Fastening on t-slot with attached fastening kit
- For subsequent assembly on vertical t-slots, we recommend square nut M8 with position fixing (Part N° 21.1351/2)
- Screw chipboard screw with washer into tabletop; prebore if necessary



**ESD Tabletop rubber, conductive, 22**

- Rubber conductive, platinum grey, 22 mm
- Homogeneous, el. cond. ESD coating on E1 3 laminated chipboard - press-glued with countermove, impact-resistant plastic edge band
- Bleeder RA DIN 51953  $10^5 - 10^7$  Ohm

- Weight	20,140 kg/m <sup>2</sup>
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Width	Dept	Part. N°.
1000	800	32.0451/0
1500	800	32.0452/0
2000	800	32.0453/0

Other dimensions	32.0450/0
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**ESD Tabletop Melamine, conductive, light grey, 25**

- Melamine, conductive, light grey, 25 mm
- Electrically conductive ESD Melamine coating on E1 3 laminated chipboard, scratch resistant and abrasion-proof acc EN 438-1, impact-resistant plastic edge band
- Bleeder RA DIN 51953  $10^5 - 10^7$  Ohm

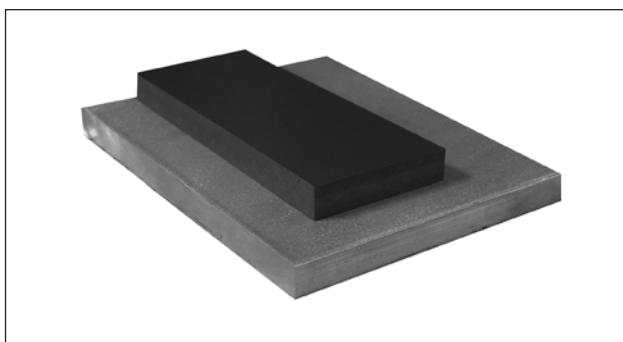
- Weight	20,140 kg/m <sup>2</sup>
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Width	Dept	Part. N°.
1000	800	32.0461/0
1500	800	32.0462/0
2000	800	32.0463/0

Other dimensions	32.0460/0
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**ALU / PVC / Stainless Steel / Other materials**

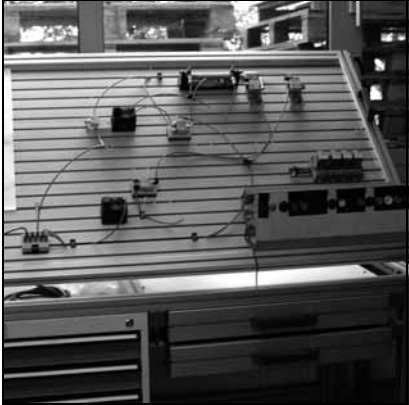
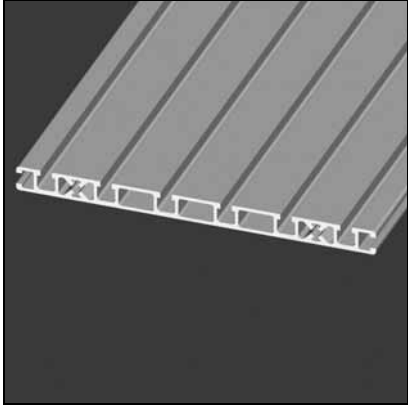
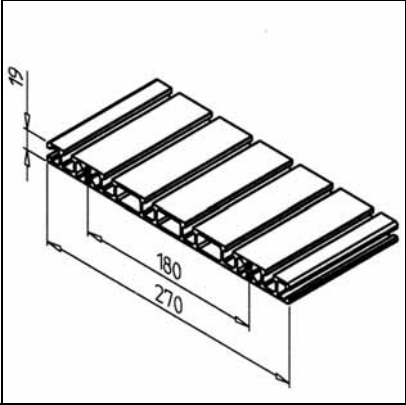
Part N° 32.0401/0



- Aluminum, PVC, Stainless Steel or panels of other materials available on request

PROFILE 270 X 19

Part. N° 20.1077/0

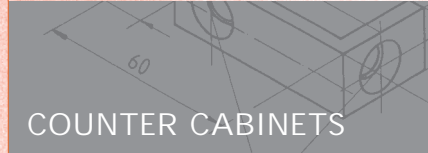


TECHN. DATA / ITEMS SUPPLIED	
- lx =	10,348 cm <sup>4</sup>
- ly =	1352,197 cm <sup>4</sup>
- wx =	10,167 cm <sup>3</sup>
- wy =	100,162 cm <sup>3</sup>
- Weight	5,612 kg/m
- Length	6 m
- Packing unit	18 m

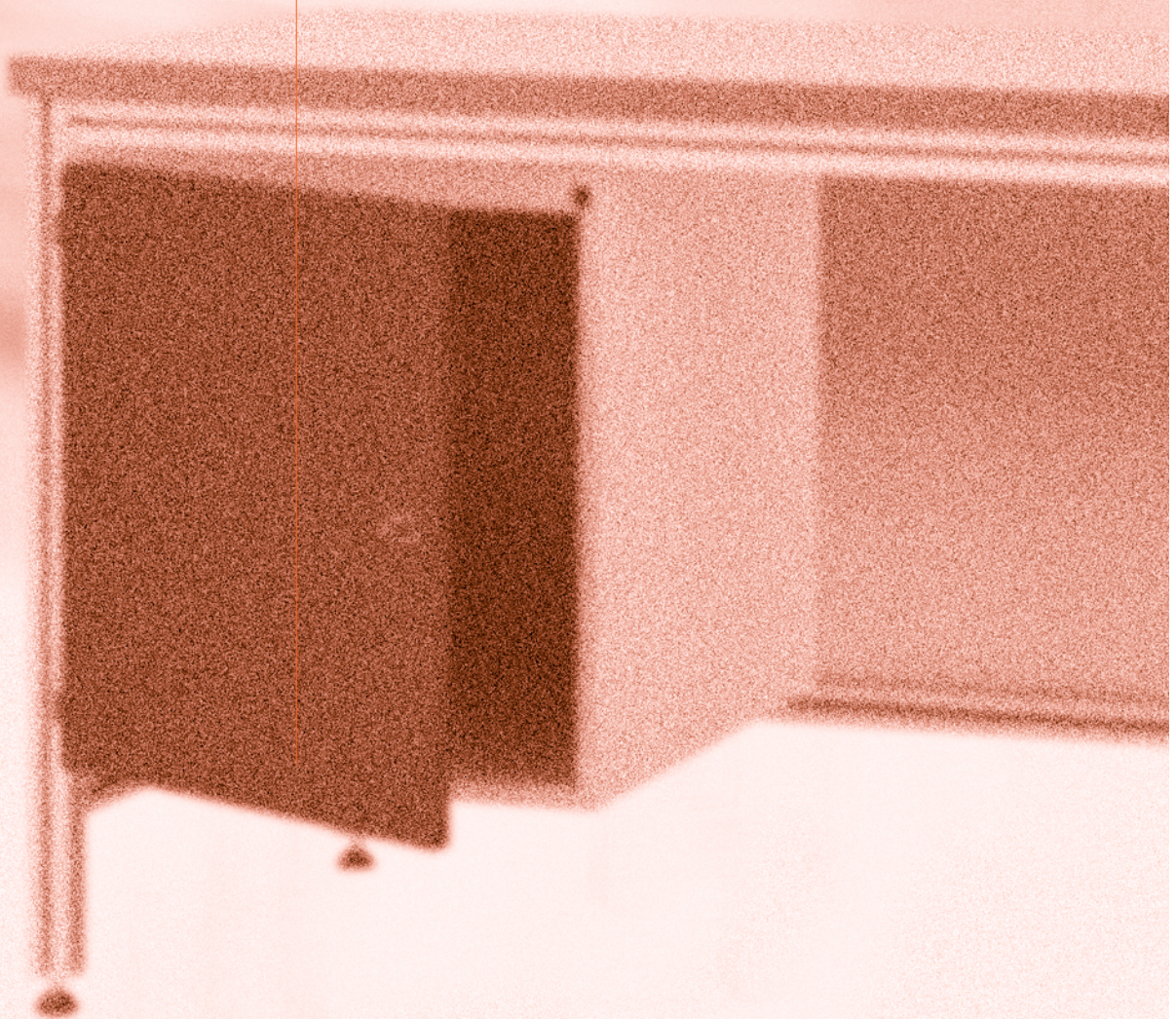
APPLICATIONS
- Table tops
- Workstations
- Didactic installations i.e. pneumatic, electronics, automatic-control with Universal clamping socket <b>Part N° P20.060/0</b>
- Demonstration units

ASSEMBLY
- MiniTec power-lock fastener
- Screw connection
- Bolt-fastener 15





## COUNTER CABINETS





## UNDER COUNTER CABINETS WITH DRAWERS

Under counter cabinets with drawers take care of perfect order at work. There are suitable heights, compartments or inserts for any requirement. All under counter cabinets are available for left or right installation at choice. All housings are massive sheet steel construction.

### Housing:

- Max. load: up to 200 kg
- Standard with center locking, individual drawer locking and cylinder lock with 2 keys
- Varnish: Light grey RAL 7035
- Easy to mount



### Drawers:

- Max load of individual drawers is up to 35 kg, can be pulled out up to 80%, perforated bottom
- Standard with large labeled handle bar
- Standard varnish:
  - Corpus: light grey RAL 7035
  - Drawer: brilliant blue RAL 5007

- Varnishing on request:  
(no extra charge applicable)

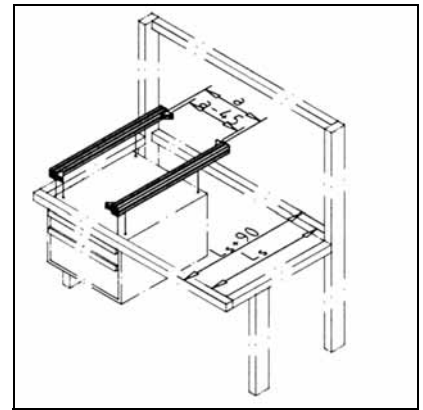
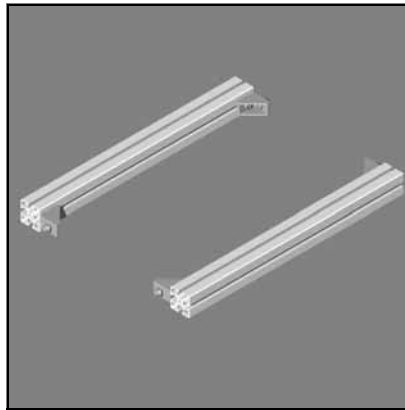
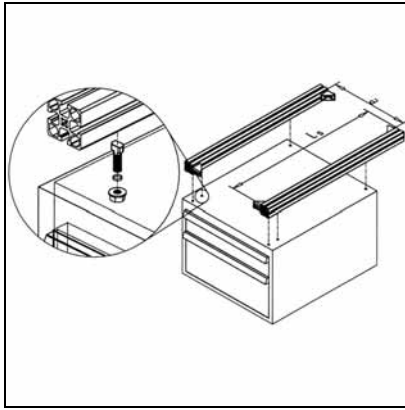
grey-green HF 0001	mignonette RAL 6011	light grey RAL 7035	light blue RAL 5012	ruby RAL 3003
water blue RAL 5021	anthrazit RAL 7016	red-orange RAL 2001	aluminium-silver RAL 9006	





## FASTENING KIT COUNTER CABINET

Part. N° 32.0802/0



## TECHN. DATA/ITEMS SUPPLIED

- 2 aluminum profiles 45x45 UL, anodized E6/EV1
- 4 mounting angles 45 with mounting material
- 4 hammer head screws with nuts M8
- Please state length of profiles „Ls“
- ESD on request
- Weight 3,309 kg

## ASSEMBLY

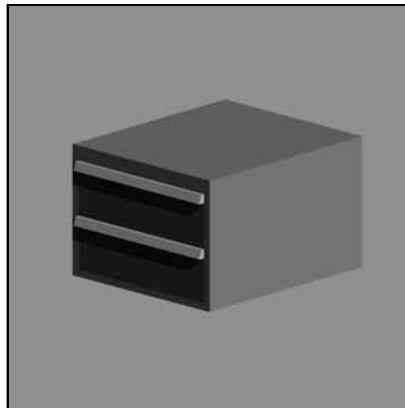
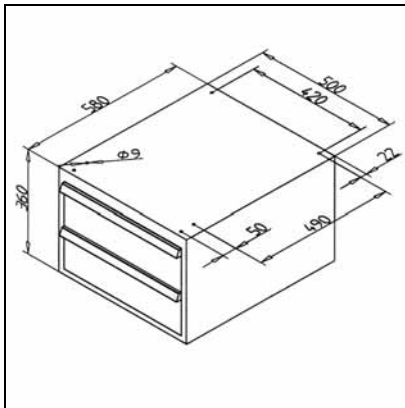
- Mount onto baseframe at distance "a"
- Remove drawers from counter cabinet
- Preassemble hammer head screws to counter cabinet
- Fasten counter cabinet with hammer head screws into profile groove and tighten nuts

## ASSEMBLY

- With fastening kit to strut profiles

## UNDER COUNTER CABINET WITH DRAWERS, DRAWER 150/150

Part. N° 32.0810/0



## TECHN. DATA/ITEMS SUPPLIED

- 2 drawers , H = 150 mm
- With perforated bottom, front: blue
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- ESD on request
- Weight 22,57 kg

## TECHN. DATA

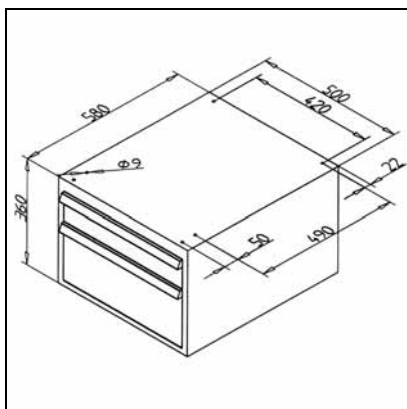
- Drawer B= 425 mm T= 550 mm inside
- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 360 mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

## ASSEMBLY

- Onto baseframe with fastening kit see p. 371

## UNDER COUNTER CABINET WITH DRAWERS, DRAWER 100/200

Part. N° 32.0811/0



## TECHN. DATA

- 1 drawer H= 100 mm, 1 drawer H= 200 mm
- With perforated bottom, front: blue
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- ESD on request
- Weight 22,57 kg

## TECHN. DATA

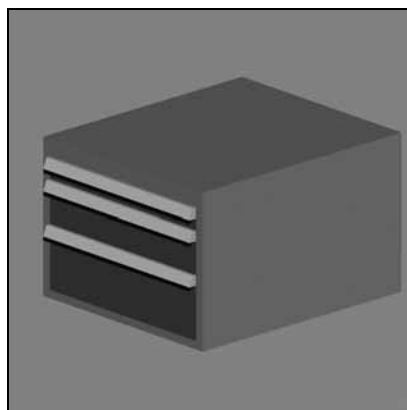
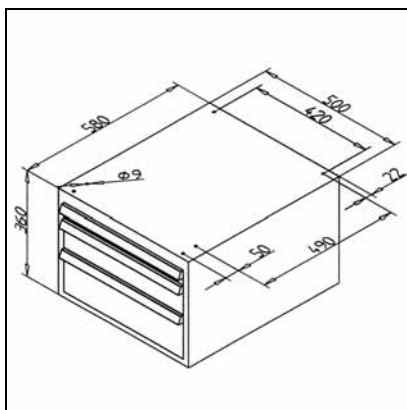
- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 360 mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

## ASSEMBLY

- Onto baseframe with fastening kit see p. 371

## UNDER COUNTER CABINET WITH DRAWERS, DRAWER 50/100/150

Part. N° 32.0812/0



## TECHN. DATA

- 1 drawer H= 50 mm, 1 drawer H= 100 mm, 1 drawer H= 150 mm
- With perforated bottom, front: blue
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- ESD on request
- Weight 33,00 kg

## TECHN. DATA

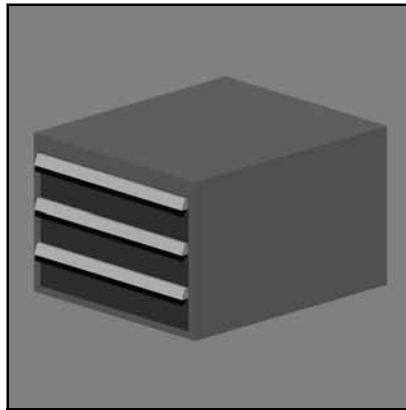
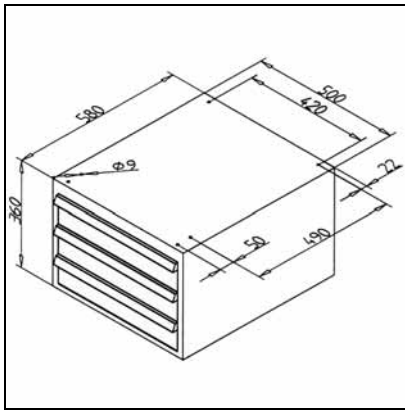
- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 360 mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

## ASSEMBLY

- Onto baseframe with fastening kit see p. 371



## UNDER COUNTER CABINET WITH DRAWERS, DRAWER 100/100/100 Part. N° 32.0813/0



### TECHN. DATA

- 3 drawers H= 100 mm
- With perforated bottom, front: blue
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- ESD on request
- Weight 28,43 kg

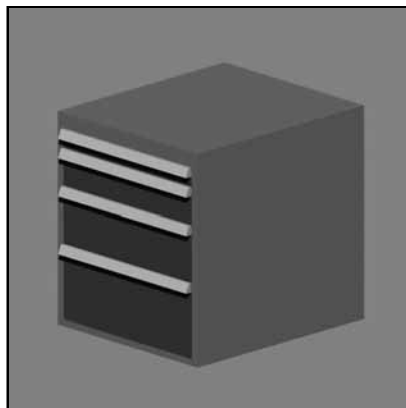
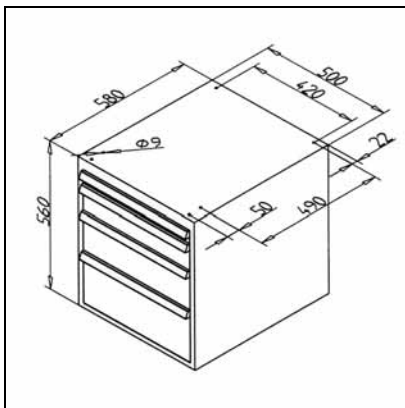
### TECHN. DATA

- Max. load per drawer: 35 kg
- Housing steel, light grey lacquered
- W x D x H= 500 x 580 x 360 mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

### ASSEMBLY

- Onto baseframe with fastening kit see p. 371

## UNDER COUNTER CABINET WITH DRAWERS, SHELF 50/100/150/200 Part. N° 32.0814/0



### TECHN. DATA

- 1 drawer H= 50 mm, 1 drawer H= 100 mm, 1 drawer H= 150 mm, 1 drawer H= 200 mm
- With perforated bottom, front: blue lacquered
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- ESD on request
- Weight 16,55 kg

### TECHN. DATA

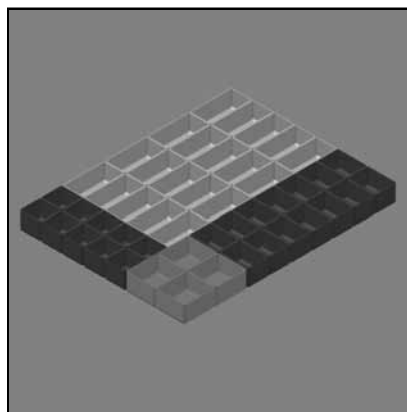
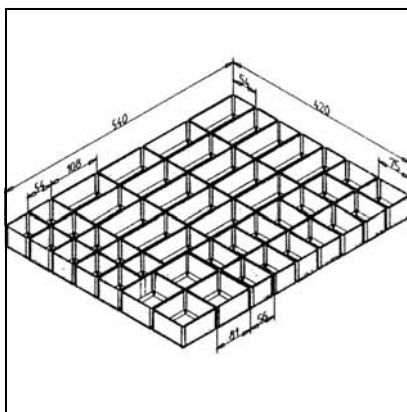
- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 560 mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

### ASSEMBLY

- Onto baseframe with fastening kit see p. 371

## DRAWER CONTAINER SET 1

Part. N° 32.0807/0



## TECHN. DATA

- B x T 425 x 550 mm

- For panel height 100-300 mm

- 10 x case 54 x 54 x 45 mm

- 20 x case 54 x 108 x 45 mm

- 14 x case 54 x 75 x 45 mm

- 4 x case 75 x 81 x 45 mm

- Other arrangements on request

- Impact polystyrene

- Weight 1,06 kg

## TECHN. DATA

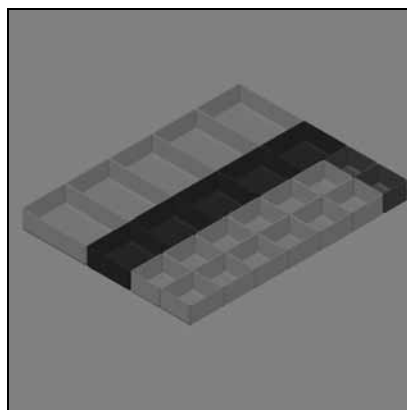
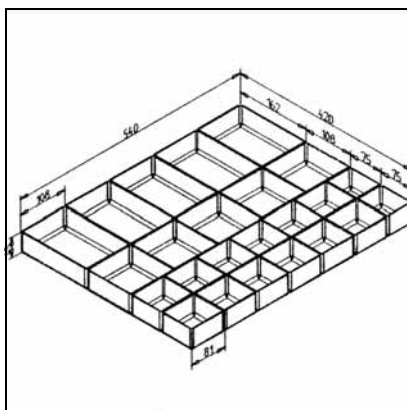
- For the transparent arrangement of small parts

## ASSEMBLY

- Easy to remove and reinstall

## DRAWER CONTAINER SET 2

Part. N° 32.0808/0



## TECHN. DATA

- B x T 425 x 550 mm

- For panel height 100-300 mm

- 5 x case 108 x 108 x 45 mm

- 5 x case 108 x 162 x 45 mm

- 2 x case 54 x 75 x 45 mm

- 12 x case 75 x 81 x 45 mm

- Other arrangements on request

- Impact polystyrene

- Weight 0,965 kg

## TECHN. DATA

- Housing steel, light grey

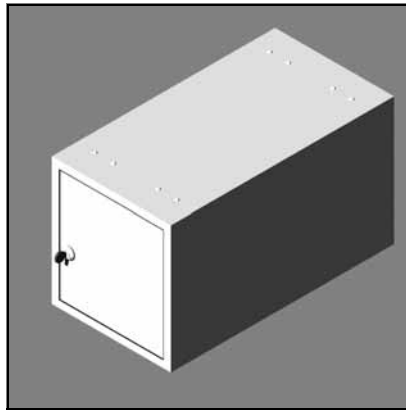
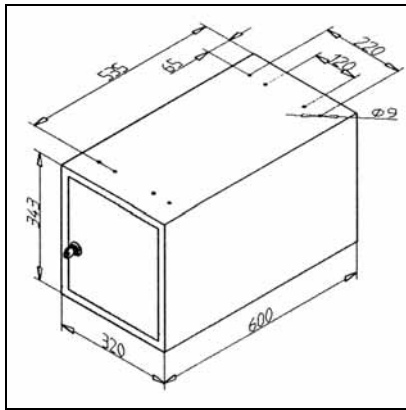
## ASSEMBLY

- Easy to remove and reinstall



## UTENSILS CABINET, LEFT

Part. N° 29.4712/1



### TECHN. DATA

- Steel, light grey RAL 7035
- Weight 7,85 kg
- W x D x H = 320 x 600 x 343 mm
- Safety cylinder lock

### TECHN. DATA

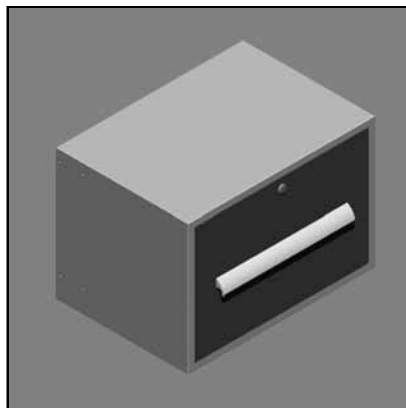
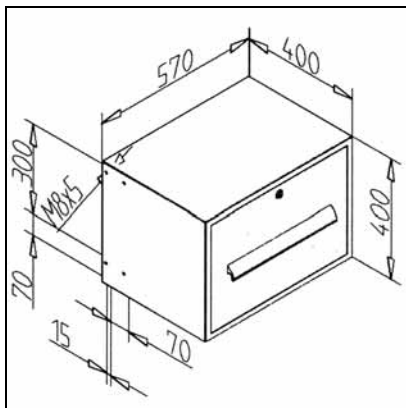
- Safety cylinder lock
- Only for horizontal use

### ASSEMBLY

- With mounting set to strut profiles see p. 371

## UNDER COUNTER CABINETS WITH DRAWERS FOR HANGING FILES

Part. N° 32.0817/0



### TECHN. DATA

- B x T x H= 570 x 400 x 400 mm
- Housing steel, light grey
- Panel
- Max. load per drawer: 35 kg
- Cylinder lock with 2 keys
- Weight 17,67 kg

### TECHN. DATA

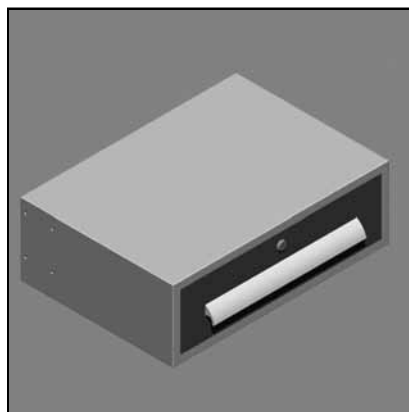
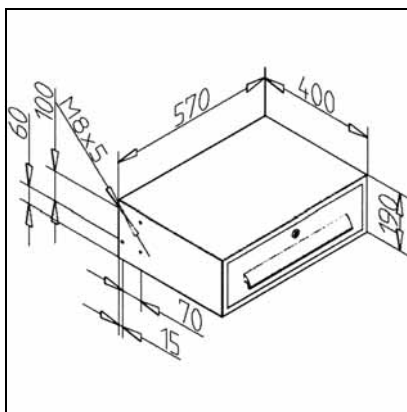
- Can be pulled out up to 80 %
- Large handle with label holder
- Especially suited for testing stations

### ASSEMBLY

- Use side threads or custom bores

## UNDER COUNTER CABINET WITH DRAWERS 200

Part. N° 32.0809/0



## TECHN. DATA

- |                                 |          |
|---------------------------------|----------|
| - B x T x H= 570 x 400 x 190 mm |          |
| - Housing steel, light grey     |          |
| - Panel                         |          |
| - Max. load per drawer:         | 35 kg    |
| - Cylinder lock with 2 keys     |          |
| - Weight                        | 10,41 kg |

## TECHN. DATA

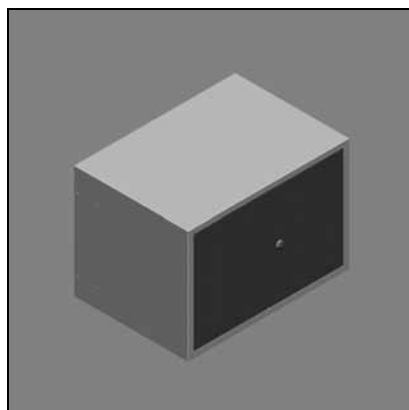
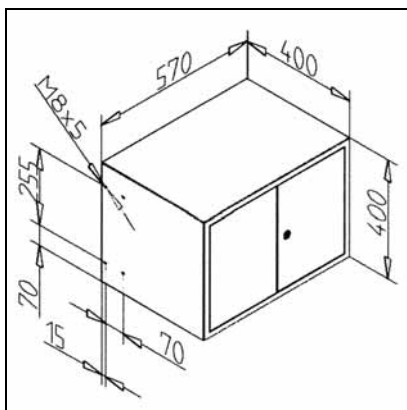
- Can be pulled out up to 80 %
- Large handle with lable holder
- Especially suited for testing stations

## ASSEMBLY

- Use side threads or custom bores

## FLOOR CABINET WITH DOUBLE DOORS

Part. N° 32.0818/0



## TECHN. DATA

- |                                 |          |
|---------------------------------|----------|
| - B x T x H= 570 x 400 x 400 mm |          |
| Max. load per drawer:           | 35 kg    |
| - Door, blue                    |          |
| - Housing steel, light grey     |          |
| - Cylinder lock with 2 keys,    |          |
| - Weight                        | 10,00 kg |

## TECHN. DATA

- Suitable for DIN A4 notebooks
- For 5 wide or 8 narrow DIN A4 notebooks
- Especially suited for testing stations

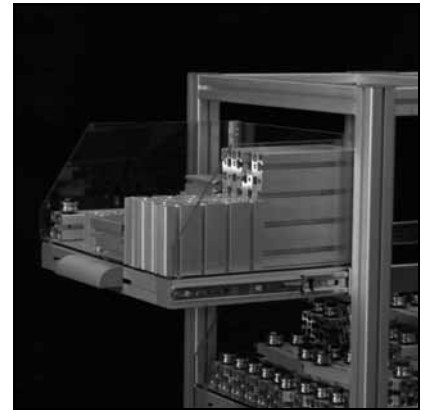
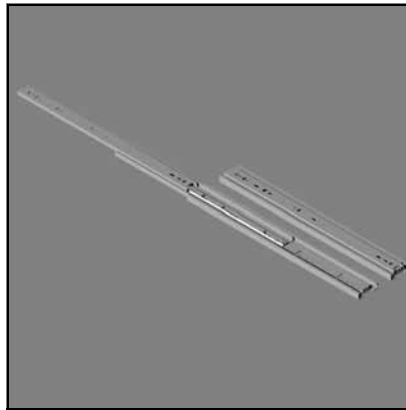
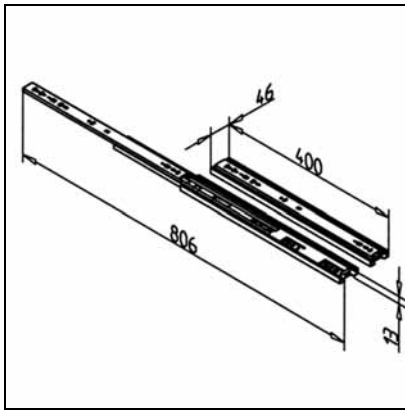
## ASSEMBLY

- 
- Use side threads or custom bores



## TELESCOPIC GUIDE FULLY EXTENDABLE 400

Part. N° 32.0801/0



## TECHN. DATA

- Steel, zinc plated
- with self-closing
- Max. load per drawer: 35 kg
- Installation length 400 mm, extended length 406 mm
- Other lengths on request
- Stainless steel on request
- Items supplied: 2 pieces
- Weight 1,225 kg

## APPLICATIONS

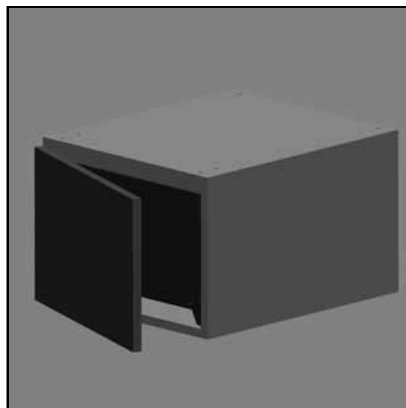
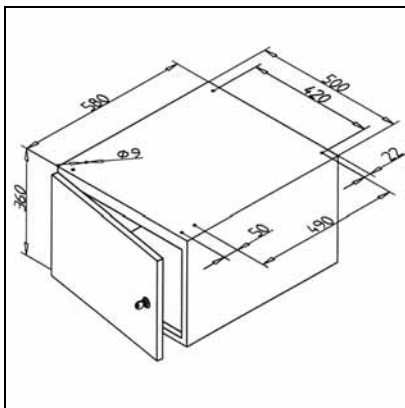
- Extension of drawer using ball guide
- Extension of workpiece carriers

## ASSEMBLY

- Attach on the side of drawers and frame

## UNDER COUNTER CABINET WITH DOORS, SMALL, LEFT

Part. N° 32.0815/0



## TECHN. DATA

- Housing steel, light grey
- Door: steel, blue
- ESD on request
- Weight 34,00 kg

## TECHN. DATA

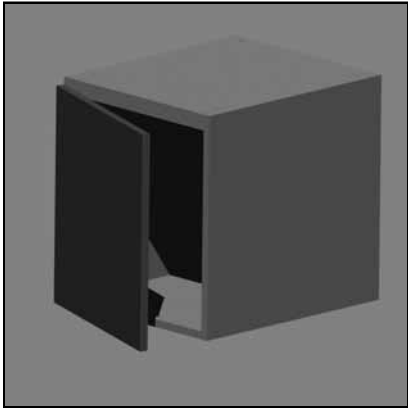
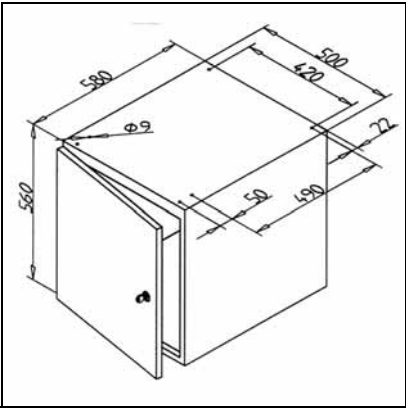
- Max. load per cabinet: 200 kg
- W x D x H= 500 x 580 x 360 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet
- Version right, Part N° 32.0815/1

## ASSEMBLY

- With fastening set, Part N° 32.0802/0, see page 371

UNDER COUNTER CABINET WITH DOORS, LARGE, LEFT

Part. N° 32.0816/0

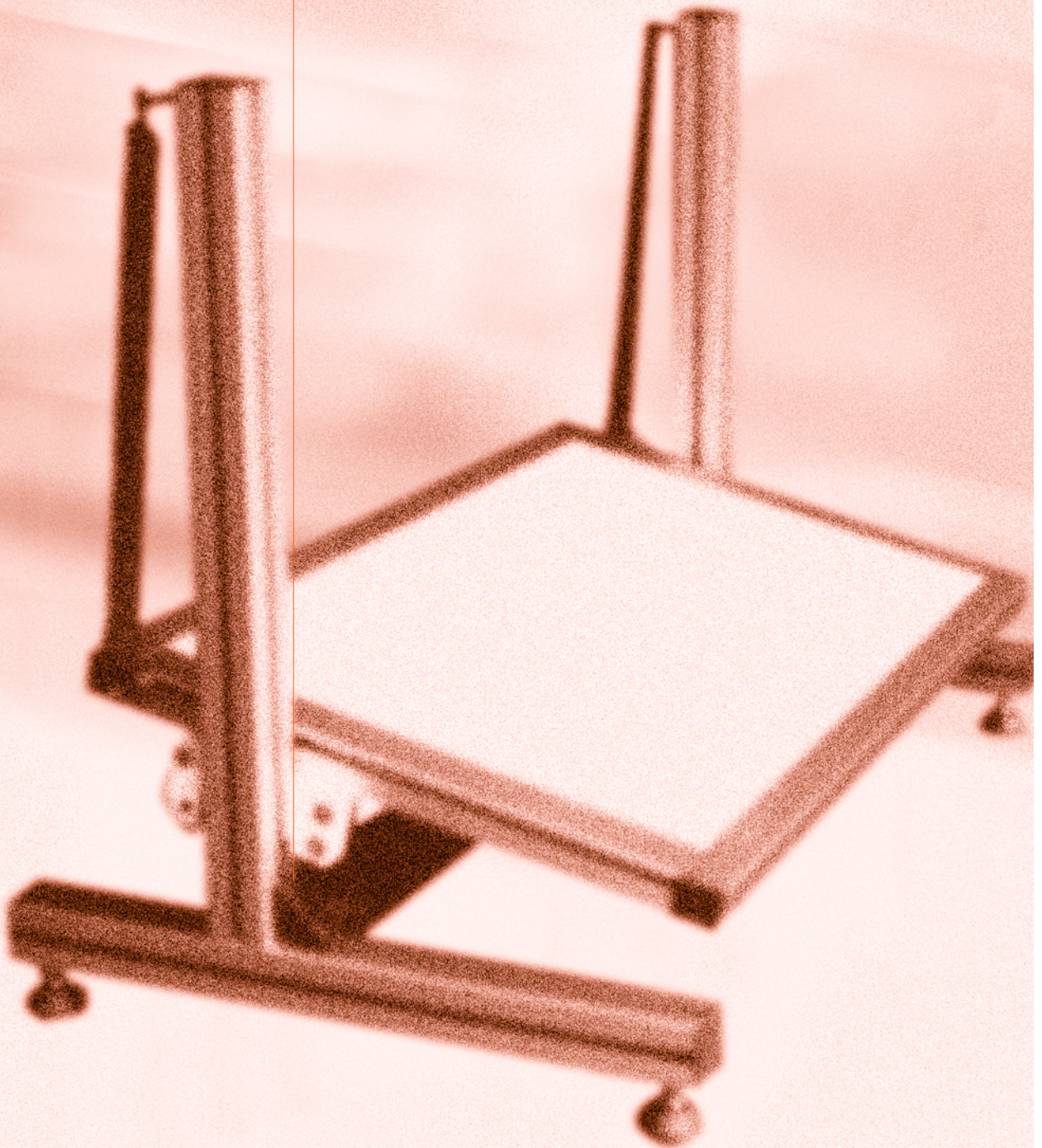


TECHN. DATA	
- Housing steel, light grey	
- Door: steel, blue	
- ESD on request	
- Weight	43,50 kg

TECHN. DATA	
- Max. load per cabinet:	200 kg
- W x D x H=	500 x 580 x 560 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet	
- Under counter right, Part N° 32.0816/1	

ASSEMBLY
- With mounting set to strut profiles see p. 371







## FOOT RESTS

- Foot rests help especially small persons find an ergonomic seating position on not adjustable in height tables.
- In any case they must meet certain requirements, such as the size of the footprint.
- Height adjustable work tables are better.
- Some experts don't approve of foot rests, while others say they have advantages. Attention must be paid to their proper adjustment.

### Foot rests are a temporary solution:

Recently even experts have argued on the advantages and disadvantages of foot rests. Some even advise against them. They criticize that the necessary elbow-room and therefore dynamic seating is restricted, because they prescribe a certain leg and foot position. This can lead to tiredness, affect blood circulation and cause circulation problems. Rather, they advocate height adjustable work tables, which make extra equipment for the feet unnecessary.

### Foot rests have advantages:

On the other hand, experts mention the special advantages of straight foot rests. Since the feet are in a slightly inclined position on the floor, the legs are relaxed and prevent circulation problems, etc.

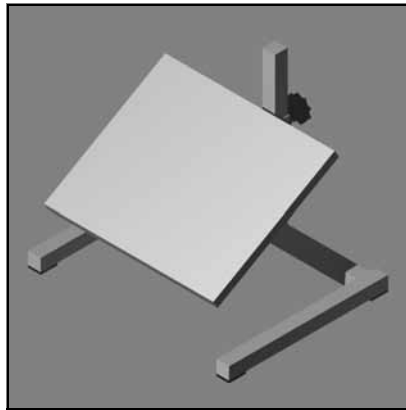
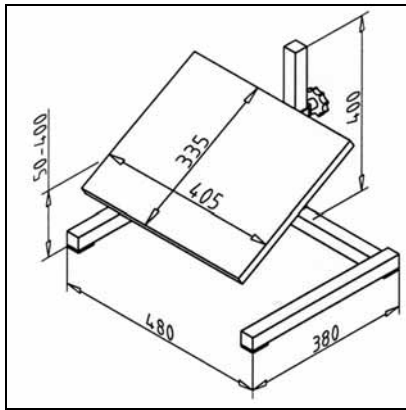
Generally, companies are recommended to invest into an "ergonomic fundus", which also includes footrests, so that the employees can try out individually what they prefer.





## FOOT REST ECO

Part. N° 32.0155/0



### TECHN. DATA

- Rugged tubular steel frame made from 30 mm rectangular tube with abrasion-proof floor gliders
- Completely assembled
- Foot rest: Grooved anti skid rubber
- W x D x H= 400 x 330 x 410 mm
- ESD on request
- Weight 5,70 kg

### TECHN. DATA

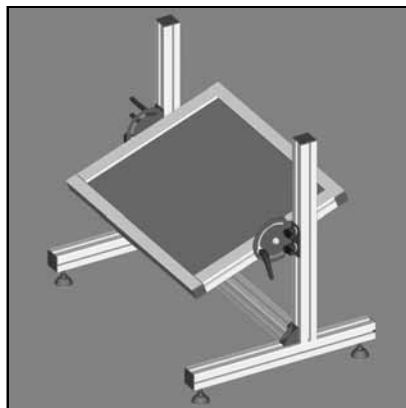
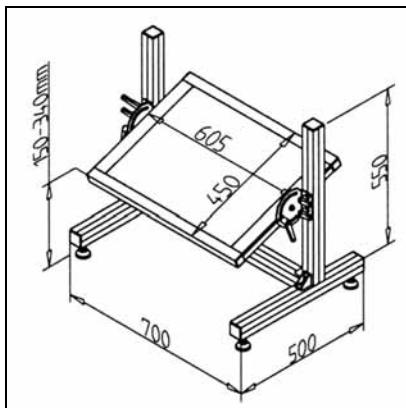
- Height-adjustable and inclinable
- Inclination adjustable by foot
- Free-standing

### APPLICATIONS

- Facilitates correct seating on table

## FOOT REST STANDARD

Part. N° 32.0160/0



### TECHN. DATA

- Base construction profile 45x45 under tables, workstations
- Completely assembled
- Foot rest: Chipboard, coated, oil-resistant
- Conductive upon inquiry
- Weight 4,7 kg

### TECHN. DATA

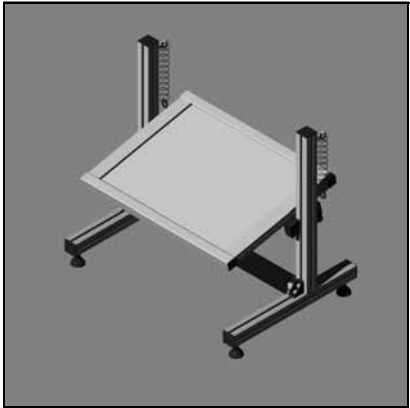
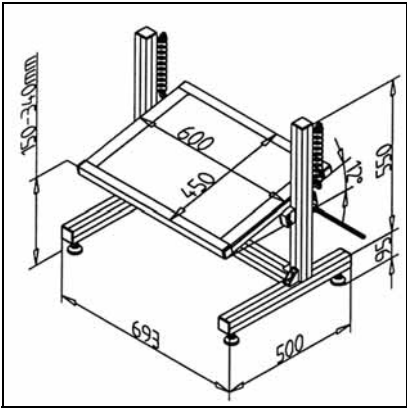
- ESD on request
- Height and inclination manually adjustable
- Free-standing

### APPLICATIONS

- Facilitates correct seating on table

FOOT REST COMFORT

Part. N° 32.0165/0



TECHN. DATA

- Base construction profile 45x45 under tables, workstations
- Completely assembled
- Foot rest: Chipboard, coated, oil-resistant
- ESD on request
- Weight 10,20 kg

TECHN. DATA

- Spring-tensioned height adjustment, height adjustable from seating position
- Free-standing

APPLICATIONS

- Facilitates correct seating on table





## BASIC PORTAL CONSTRUCTION





## BASIC PORTAL CONSTRUCTION WITH EXTENSION ARM

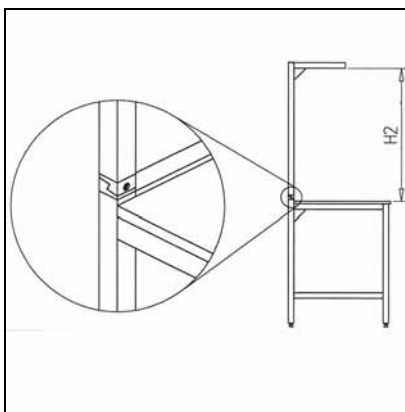
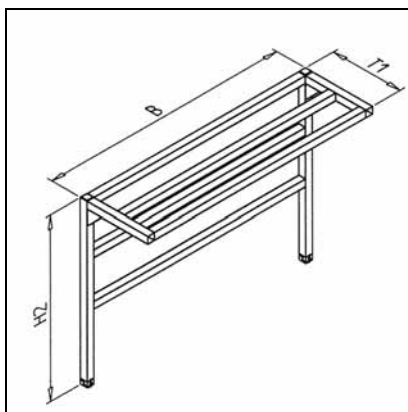
Low-stress work demands an optimal design of grab space at the workplace under ergonomic conditions. This means that devices, parts and tools are arranged in suitable work zones and at the correct height. Order at the workplace is the basis for quality. Energy supply or data lines are integrated into the portal structure, ensuring energy availability close to the working area without a tangle of cables. Compressed air is lead through the profile. In addition, the structure is used for ergonomic attachment of grab trays, swivel arms, lighting and informative material.

- Stable frame made of profile 45x45, anodised E6/EV1, integrated compressed-air ducting
- Air supply through quick-couplings possible at any location on the vertical braces.
- Frame assembled ready-for-use and electrically conductive
- For subsequent installation on worktables





## EXTENSION ARM, DESK TABLE AND BOX-TYPE TABLE Part. N° 32.0205/0



### TECHN. DATA

- 2 vertical struts, profile 45x45
- 5 cross struts, profile 45x45 F, anodized E6, EV1
- 2 assembly blocks 45 GD, grey, powder-coated
- Put on portal and tighten cross bolt
- ESD on request

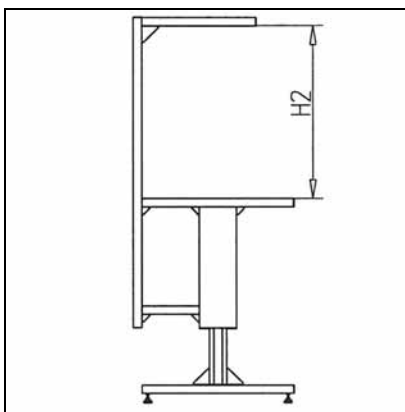
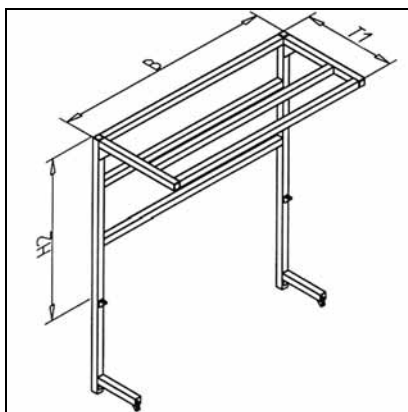
### OPTIONS:

- Additional cross struts made of profile 45x45 F, specify number
- Compressed-air supply in vertical struts: 1 rapid action coupling 1/4 mounted at upper end
- Borings on lower end of strut closed with blanking plug
- One or more lateral ports with rapid action coupling 1/8 or 1/4
- Please specify dimensions B, H2 and T1 and position of compressed-air tapping

### ASSEMBLY

- Screw one half each to rear struts of base frame
- 2nd half to be attached to lower part of portal struts

## EXTENSION ARMS FOR HEIGHT-ADJUSTABLE TABLES Part. N° 32.0210/0



### TECHN. DATA

- 2 vertical struts, profile 45x45
- 5 cross struts, profile 45x45 F, anodized E6, EV1
- 4 angle brackets 45x90
- Portal will move together with tabletop
- Spacing of grab trays vs working level will not change during motion
- ESD on request

### OPTIONS:

- Additional cross struts made of profile 45x45 F, specify number
- Compressed-air supply in vertical struts: 1 rapid action coupling 1/4 mounted on upper end
- Borings on lower end of strut closed with blanking plug
- One or more lateral ports with rapid action coupling 1/8 or 1/4
- Please specify dimensions B, H2 and T1 and position of compressed-air tapping

### ASSEMBLY

- Mount portal to frame and lifting column using mounting angles







## LIGHTING

Selection of correct lighting is of paramount importance for optimal workplace design. Lighting has influence on performance and tiredness as well as quality and safety at work.

### Illuminance:

Illuminance on useful plane for demanding assembly and test work should be about 1100 lx. A rated illuminance of 1500 lx is recommended for very high requirements on eye sight such as optical work, assembly of electronic components, color control, etc.

### Luminance distribution:

In the field of view, reflecting or self-luminous areas may cause great differences in luminous density (contrasts). Eye sensitivity correspondingly adapts itself according to luminous density within radius of action. Frequent change between very light and very dark areas will stress the eye by continuous change of sensitivity. Therefore, luminous density difference at work should not be more than 3:1.

### Glare:

Glare sensation depends on luminous density, size of lighting surfaces and incident angle of light. Dazzling can be limited using reflectors, spill shields or built-in components. At the same time, sufficient shadow effect should be given for discriminating bodies and surfaces safely. All efforts should aim at shadows with soft edges and the light should be obliquely incident from above as natural light does.

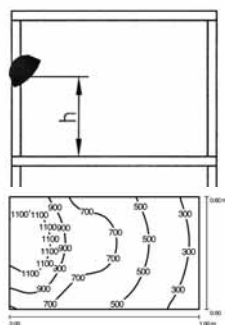
### Illuminant color:

Illuminant color has great influence on psychic sensation. Normally neutral-white light (4000 k) is appreciated as relaxing and agreeable. Daylight-white lighting should only be provided for color test or quality control at high rated illuminance.

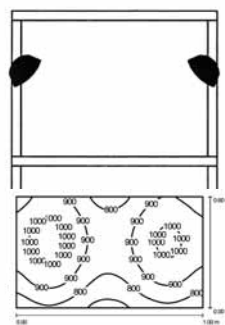


### Illuminance depending on level h of luminaire against working surface

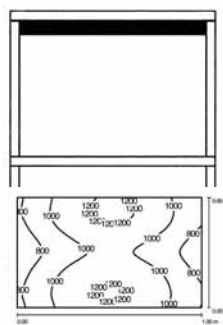
	Side luminaire 36		2 x Side luminaire 36			Center luminaire 78		Luminaire 78, 2 x luminaire 36				Center luminaire 116	
h	E/max	E/medium		E/max	E/medium	E/max	E/medium	X		E/max	E/medium	E/max	E/medium
[m]	[lx]	[lx]	[°]	[lx]	[lx]	[lx]	[lx]	[m]	[°]	[lx]	[lx]	[lx]	[lx]
0,75	1260	670				2045	1564						
1,00	638	497	20	1043	894	1237	1003	0,25	20	2698	2354	3315	2471
								0,50	20	3849	3099		
1,25	402	329	15	704	626	808	672	0,25	15	1736	1568	2258	1789
1,50	276	232	15	510	457	567	497					1684	1402
Working surface 1000 x 600												2000 x 800	



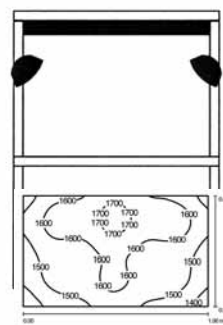
h = 750 mm



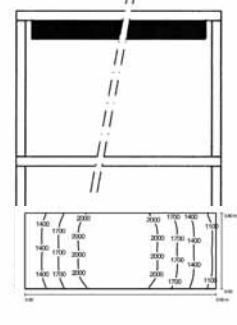
h = 1000 mm



h = 1000 mm



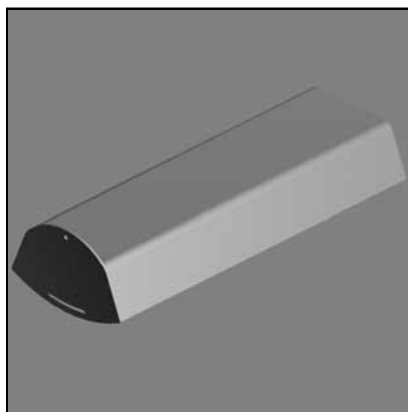
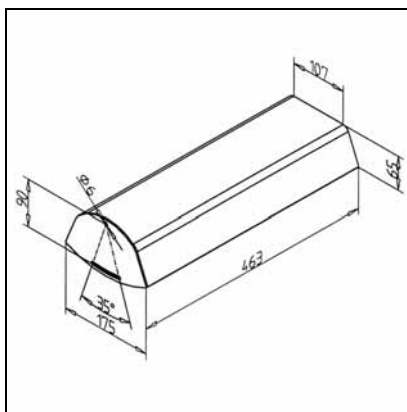
h = 1250 mm



h = 1250 mm

## SIDE LUMINAIRE 36

Part. N° 33.0600/0



## TECHN. DATA

- Length	463 mm
- Rating	36 W
- Component parts 1x TC-L	36 W
- Electronic series reactor	
- Cpl. with power cord L = 3 m and connector	
- Switch in lamp housing	
- Housing: aluminium, lacquered light grey	
- Mounting set	
- Weight	2,1 kg

## TECHN. DATA

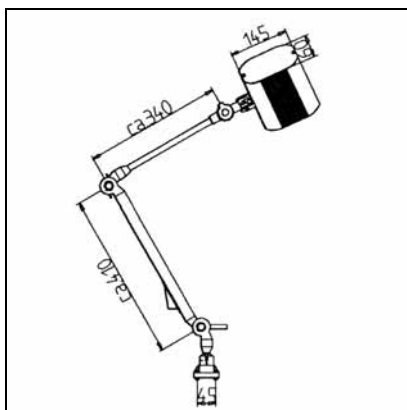
- Mean illuminance on useful plane at 1 m distance 533 lx
- Current consumption: 0.16 A
- Operating frequency: > 40 kHz
- Nominal voltage: 250 V - 50 Hz
- Lamp burning life: 12000 h
- Color of light 840 coolwhite

## ASSEMBLY

- Fix into the profile groove with enclosed fastening kit

## ANGLEPOISE LAMP

Part. N° 33.0615/0



## TECHN. DATA

- Illumination intensity up to 2750 lx at 36 W or over 4000 lx at 55 W and at the same time lower thermal loading
- With electronic ballast (high frequency), resulting in completely flicker-free light
- Flicker-free instant start
- Completely glare-free due to reflective parabolic honeycomb grid
- Optimum glare restriction for VDU's and other light sensitive areas

## TECHN. DATA

- Universal adjustability via the 3-D joint on the shade
- combined with a sleek friction-arm equipped with integral springs
- High lustre mirror reflector of pure anodised aluminium
- Aluminium profile with laser cut end caps
- Long service life
- Standard light colour, cool white 4000 K, if required with daylight lamp 5400 K for the best colour reproduction

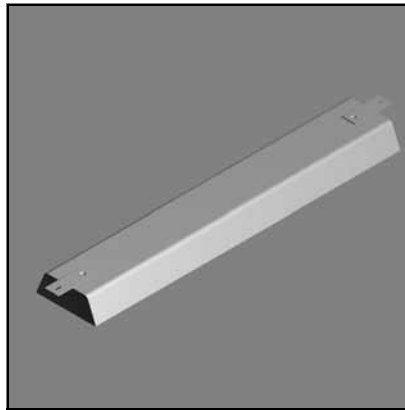
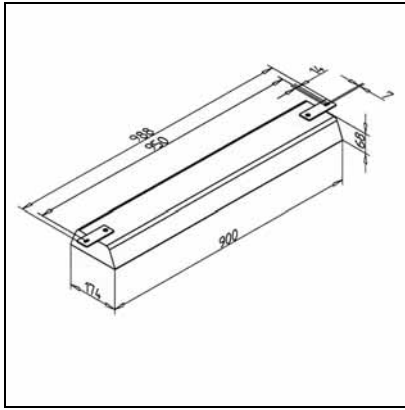
## ASSEMBLY

- Assembly with included mounting set



## CENTER LUMINAIRE 78

Part. N° 33.0605/0



### TECHN. DATA

- Length	895 mm
- Rating	78 W
- Component parts 2x TS	39 W
- Electronic series reactor	
- Cpl. with power cord L = 3 m and connector	
- Switch in lamp housing	
- Housing: aluminum, light grey	
- Mounting set	
- Weight	4,2 kg

### TECHN. DATA

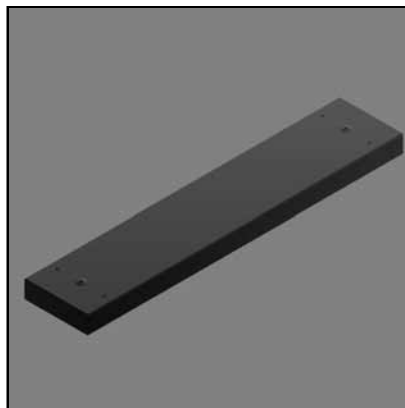
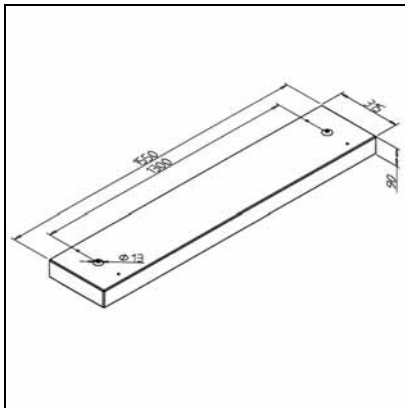
- Medium illuminance on useful plane at 1 m distance 1056 lx
- Current consumption: 0.38 A
- Operating frequency: > 40 kHz
- Nominal voltage: 250 V - 50 Hz
- Lamp burning life: 16000 h
- Color of light 840 coolwhite
- Lamps with shatter protection on request

### ASSEMBLY

- Fasten into the profile groove with enclosed fixing kit

## CENTER LUMINAIRE 116

Part. N° 33.0610/0



### TECHN. DATA

- Length	1550 mm
- Rating	116 W
- Component parts 2x T26	58 W
- Electronic series reactor	
- Housing: Steel, industrial white	
- Without power cord and connector, connection by skilled person	
- Weight	7,6 kg

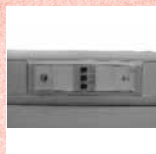
### TECHN. DATA

- Medium illuminance on useful plane at 1.5 m distance 1402 lx
- Current consumption: 0.49 A
- Operating frequency: > 40 kHz
- Nominal voltage: 250 V - 50 Hz
- Lamp burning life: 16000 h
- Color of light 840 coolwhite

### ASSEMBLY

- Fasten into the profile groove with enclosed fixing kit







## ENERGY SUPPLY

The MiniTec energy supply ducting system for electrics and compressed air in a three-chamber system for individually built-in energy supply components arrangement:

Cable channels equipped and completely wired exactly as you desired simplify installation of your workplace considerably. Our experienced experts will gladly take on component insertion for you. The cable channel is equipped with 4 m supply line with safety plug or CEE connector for immediate connection. This will save installation carried out by your approved in-house electricians.

You will receive a meaningful test certificate along with the cable channel equipped and installed by us. Both cable channel and cover are made of aluminum, naturally anodized. Only branded high-quality products are employed as built-in components.

Following table is to simplify definition of component insertion requested by you. Subsequent installation of further components by approved electrician is possible at any time.



### CONDUIT 130 AL

Part N° 32.0710/0

- Accommodation of sockets, switches, telecommunication terminals, safety switches, etc.

### COVER FOR CONDUIT 130

Part N° 32.0711/0

- Press cover onto profile

### END PANEL FOR CONDUIT 130

Part N° 32.0712/0

- molded plastic article
- lacquered in aluminum color

## ENERGY SUPPLY DUCTING SYSTEM COMPONENT INSERTION

## KEY-OPERATED SWITCH

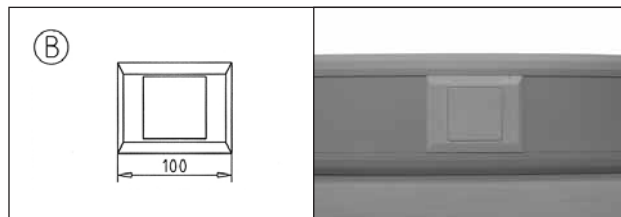
Part N° 32.0720/0



- Two-way switch 16 A, two-pole

## TWO-WAY SWITCH

Part N° 32.0725/0



- Two-way switch 16 A, single-pole

## OVERVOLTAGE PROTECTION

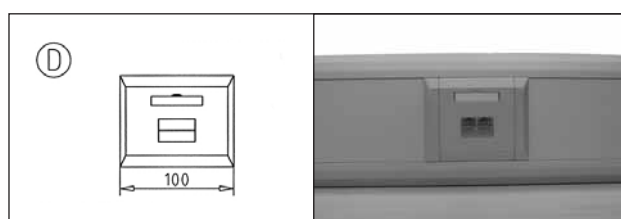
Part N° 32.0721/0



- U<sub>rated</sub> = 230V AC

## DATA CONNECTION BOX CAT6

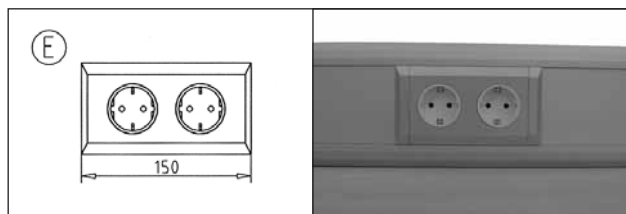
Part N° 32.0722/0



- RJ 45, 2-fold Link E, up to 250 MHz
- cpl. with faceplate horizontal

## CHANNEL SOCKET

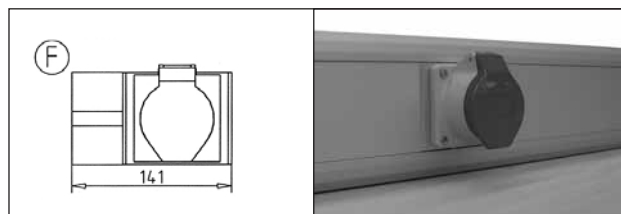
Part N° 32.0723/0



- with protective contact according to DIN

## SOCKET CEE 16 A

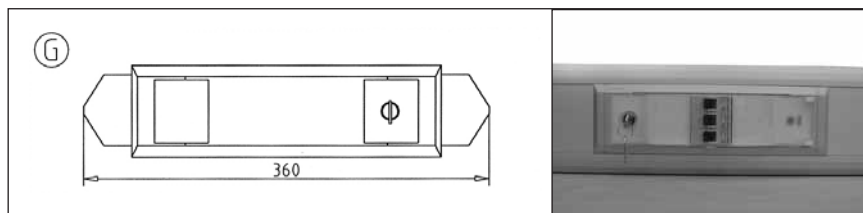
Part N° 32.0724/0



- for plugs DIN, five-pole

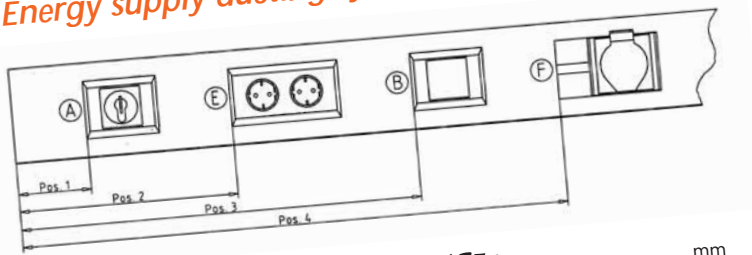
## FLUSH-MOUNTING DISTRIBUTION BOARD

Part N° 32.0730/0



- three-phase
- Cpl. with built-in faceplate, lock
- Can be equipped with automatic circuit breaker B10, automatic circuit breaker B16, fault-current circuit breaker single-pole 16 A/30 mA.

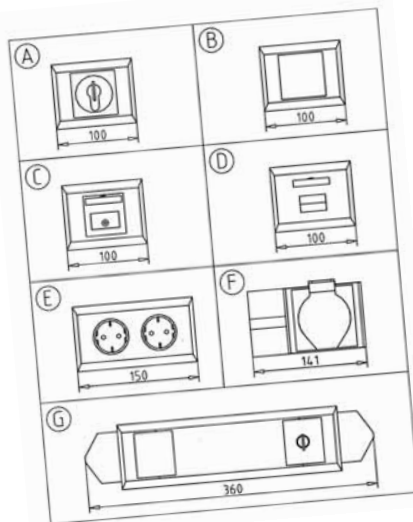


**EXAMPLE****Energy supply ducting system component insertion**

Total length energy supply ducting system 1850 mm

Minimum clearance between two built-in components: 100 mm

Length power cord 2200 mm ☒ from left ☐ from right



Position (Pos x)	Part A-G	Position from Edge in mm
Pos 1	A	150
Pos 2	E	350
Pos 3	B	600
Pos 4	F	960

**Component parts flush-mounting distribution board (G)**

- ☐ automatic circuit breaker B 10
- ☐ automatic circuit breaker B 16
- ☐ fault-current circuit breaker single-pole 16A/30mA

Company

Contact

Phone

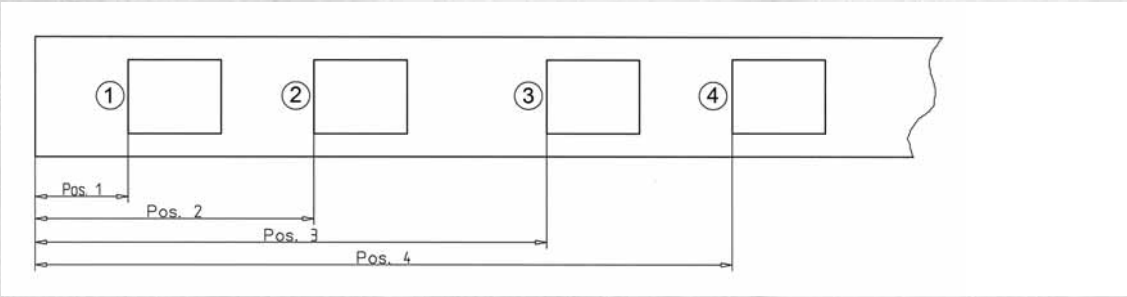
Fax

E-Mail



Our fax inquiry form is found on the following page, simply fill in and fax.

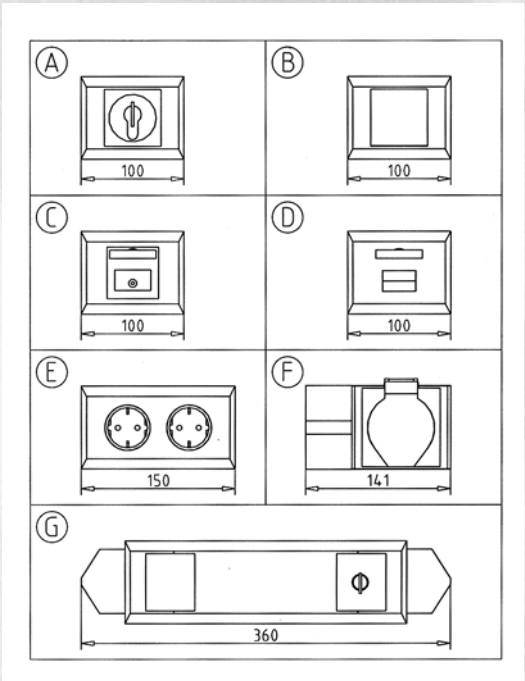
ENERGY SUPPLY DUCTING SYSTEM COMPONENT INSERTION



Total length energy supply ducting system \_\_\_\_\_ mm

Minimum clearance between two built-in components: 100 mm

Length power cord \_\_\_\_\_ mm    ☐ from left    ☐ from right



Position (Pos x)	Part A-G	Position from Edge in mm

Company

Contact

Phone

Fax

E-Mail

Component parts flush-mounting  
distribution board (G)

☐ automatic circuit breaker B 10

☐ automatic circuit breaker B 16

☐ fault-current circuit breaker single-  
pole 16A/30mA

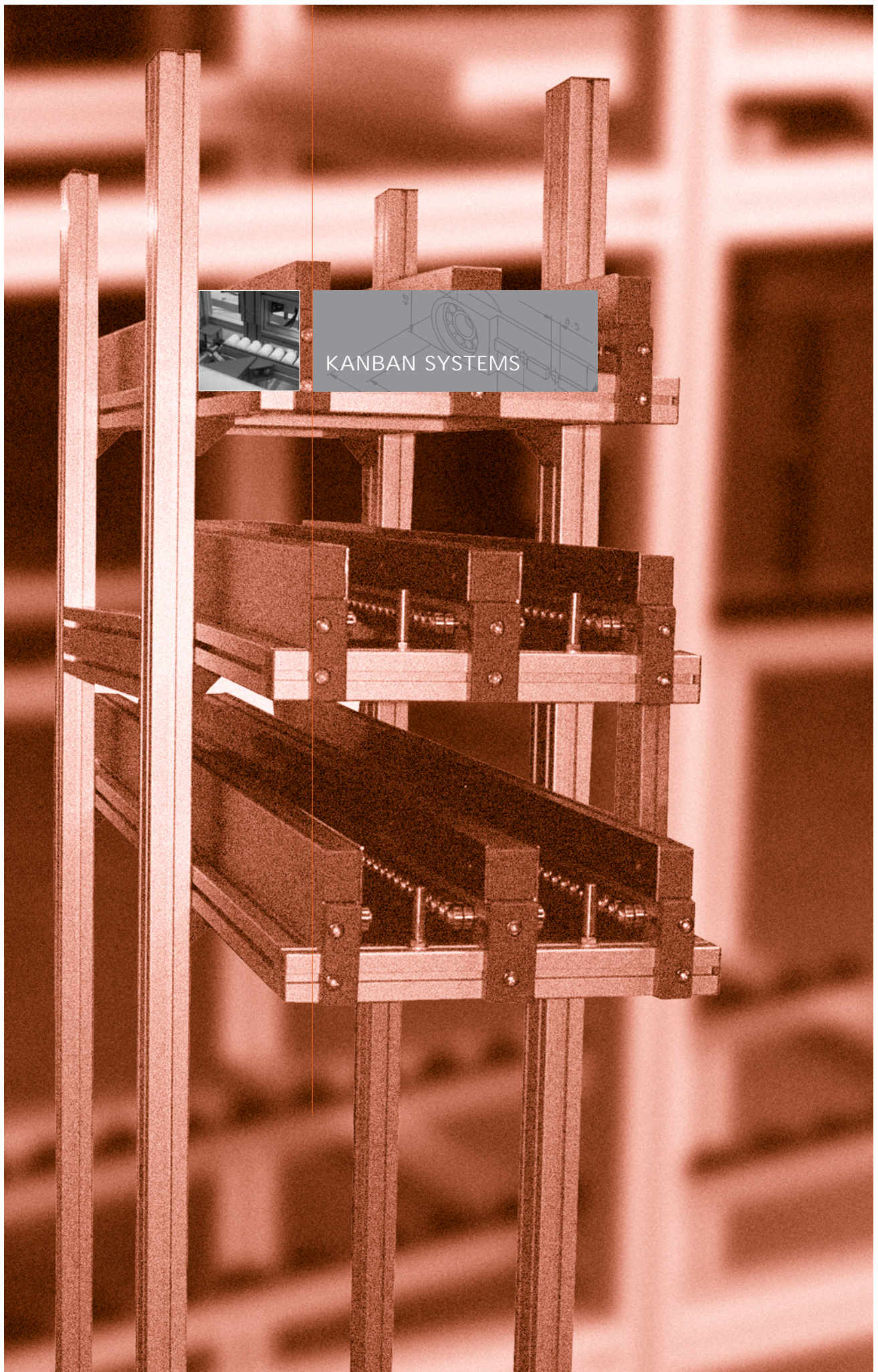
☐

Please call me back

☐

Please send quotation in writing







## KANBAN SYSTEMS

Low inventory and loss prevention are continual challenges of series production. These goals can be reached by simple means using consumption-controlled material handling methods according to the Kanban principle. In this, the parts required in production by the consumptive positions in the production cycle are requested by a simple Kanban card from the upstream step. Normally the card is located at the material and triggers a production order when reaching the minimum inventory. To ensure the consumption-controlled production and therefore the minimisation of inventory, no order can be started without this Kanban card.

Provision of the products is done directly at the point of consumption in so-called Kanban shelves. These shelves are equipped with inclined small roller conveyors, which transport the containers or products to the receiving station by gravity. Shelf stocking is done from the rear.

The size of the shelves is depending on the supply at the workplace determined according to Kanban rules. So that the containers can be transported securely and protected into the shelving, the incline of the roller conveyor can be simply adjusted. Brake blades are available to prevent impact damage and are easy to install. The use of these brake blades is especially necessary for heavy weights..

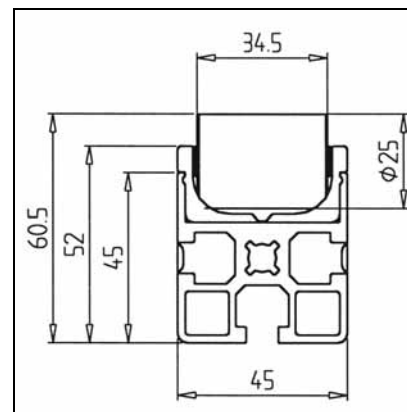
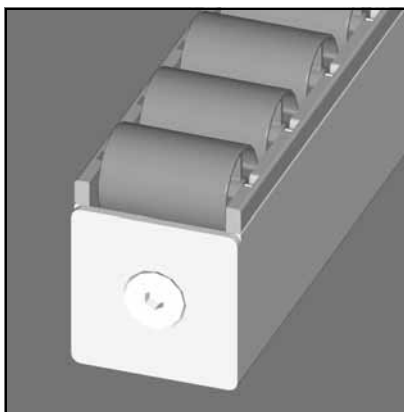
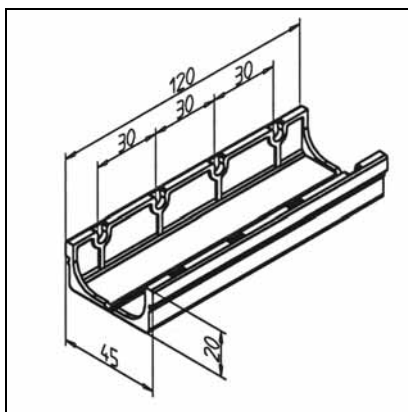
We supply all required components for the construction of custom-built Kanban shelves.





## PULLEY CARRIER 45 X 45 R

Part. N° 21.1700/0



### TECHN. DATA / ITEMS SUPPLIED

- ABS, grey RAL 7012	
- Weight	0,02 kg
- Length	120 mm

### APPLICATION

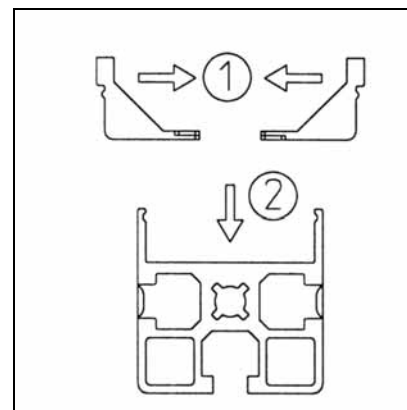
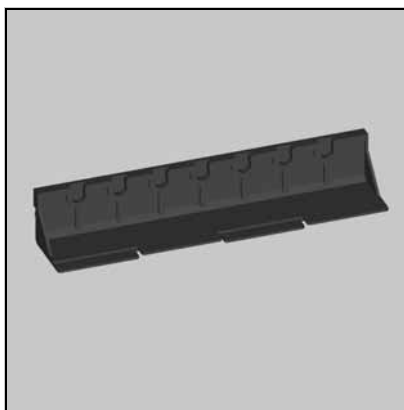
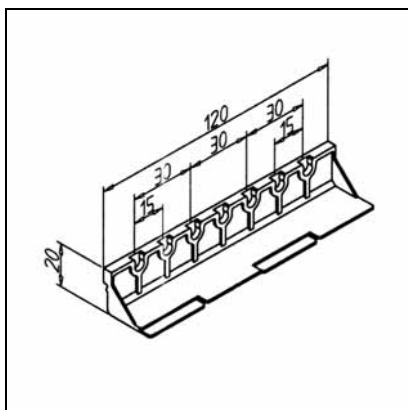
- Assembly of small roller conveyors in connection with profile 45 x 45 R  
Part N° 20.1046/0

### ASSEMBLY

- Press onto profile
- Clip pulleys into pulley carrier
- Secure pulley carrier with end cap 45x45 AL Part. N° 22.1067/2 and countersunk screw M8 x 16, Part. N° 21.1513/0 on the end of profile

## PULLEY CARRIER 45 X 45 R BASEMENT

Part. N° 22.1126/0



### TECHN. DATA/ITEMS SUPPLIED

- POM, grey RAL 7012	
- Weight	0,024 kg
- Length	120 mm

### APPLICATIONS

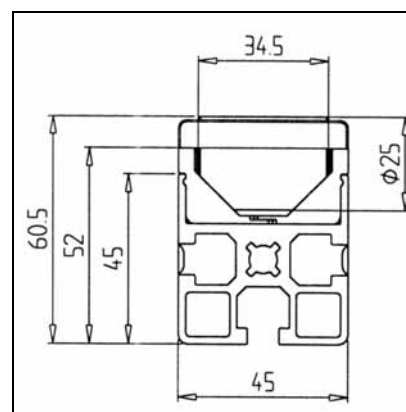
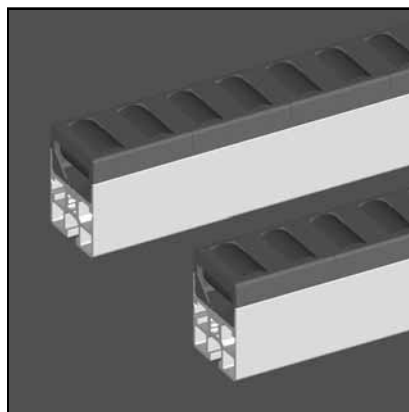
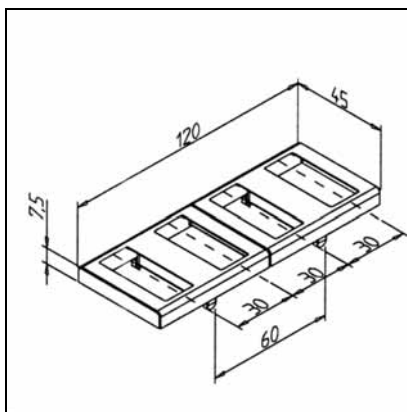
- Assembly of small roller conveyors in connection with profile 45 x 45 R  
Part N° 20.1046/0 and cover 22.1127/0 or 22.1128/0

### ASSEMBLY

- Stick pulley carrier together
- Press onto profile
- Clip pulleys into pulley carrier
- Clip cover Part N° 22.1027/0 or Part N° 22.1028/0

## PULLEY CARRIER 45 X 45 R COVER

Part. N° 22.1127/0



## TECHN. DATA/ITEMS SUPPLIED

- POM, grey RAL 7012	
- Weight	0,021 kg
- Length	120 m

## APPLICATIONS

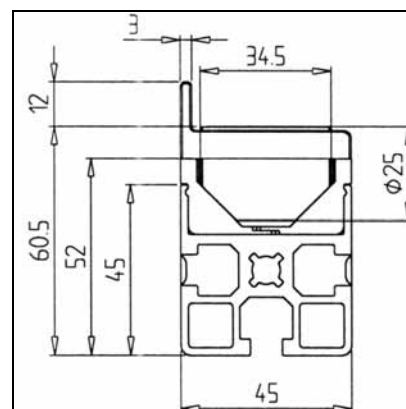
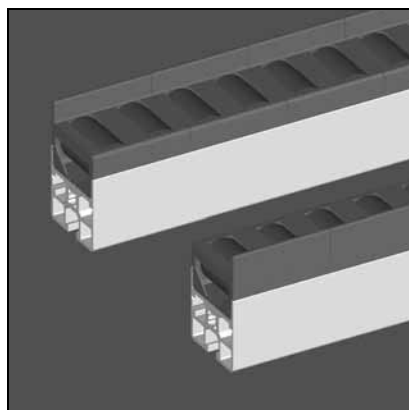
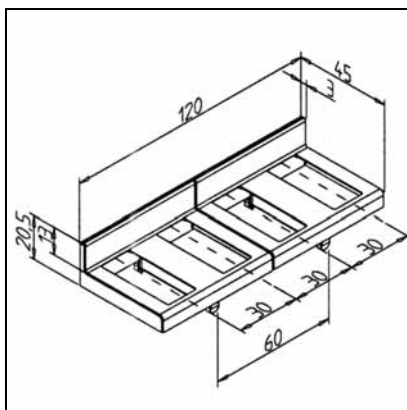
- Assembly of small roller conveyors in connection with profile 45 x 45 R  
**Part N° 20.1046/0**
- Suitable Pulley carrier 45x45 R basement  
**Part N° 22.1126/0**

## ASSEMBLY

- Clip onto pulley carrier

## PULLEY CARRIER 45 X 45 R COVER SF

Part. N° 22.1128/0



## TECHN. DATA/ITEMS SUPPLIED

- POM, grey RAL 7012	
- Weight	0,027 kg
- Length	120 m

## APPLICATIONS

- Assembly of small roller conveyors in connection with profile 45 x 45 R  
**Part N° 20.1046/0**
- Suitable Pulley carrier 45x45 R basement  
**Part N° 22.1126/0**

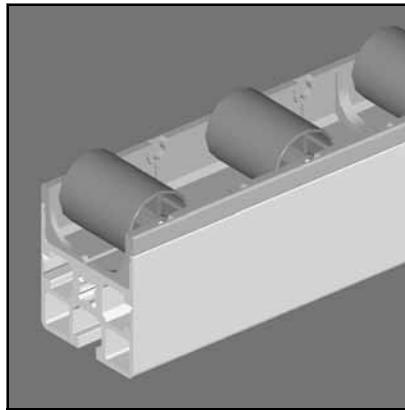
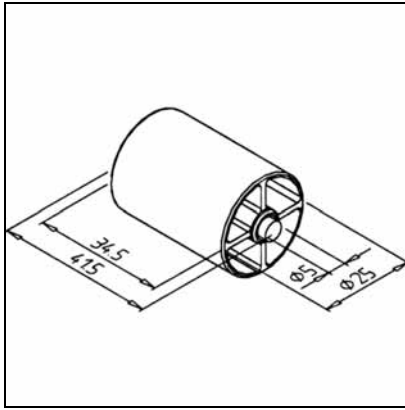
## ASSEMBLY

- Clip onto pulley carrier



## PULLEY D 25

Part. N° 21.1701/0



### TECHN. DATA / ITEMS SUPPLIED

- ABS, blue
- Axe Ø 5, stainless steel
- Weight 0,01 kg
- Load max/roller 20 N
- For higher loads use Pulley D 25 compact  
Part N° 21.1703/0

### APPLICATION

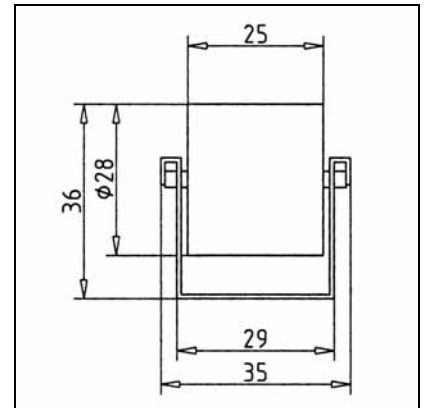
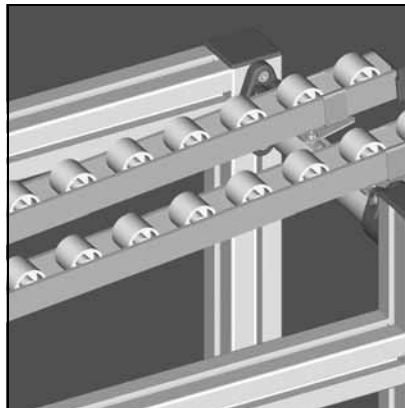
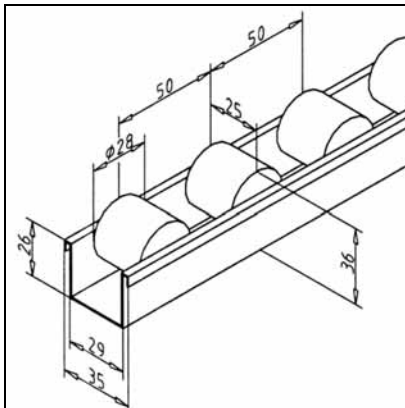
- Assembly of small roller conveyors in connection with profile 45 x 45 R  
Part N° 20.1046/0

### ASSEMBLY

- Clip pulleys into pulley carrier

## ROLLER STRIP WITH CYLINDRICAL ROLLERS

Part. N° 32.0550/0



### TECHN. DATA / ITEMS SUPPLIED

- Length according to costumers specification
- Max. length 6000 mm
- Division 50 mm
- Supporting profile: Steel, zinc plated
- Roller colour: yellow
- Weight 0,595 kg/m

### APPLICATIONS

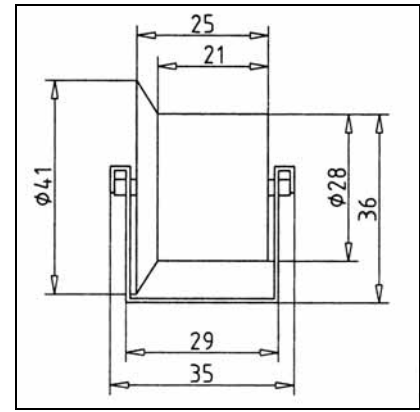
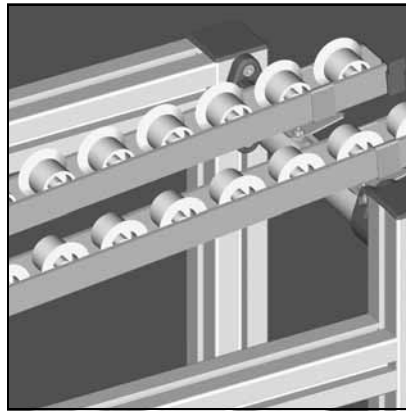
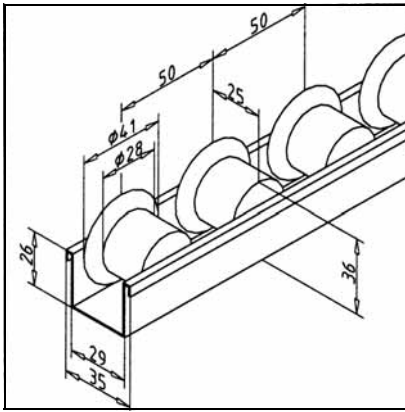
- The rollers can be used over a temperature range from -30°C up to +100°C
- Part. N° 32.0555/0 highly conductive roller to avoid electrostatic charge. Roller colour: black

### ASSEMBLY

- With hook and handle profile
- Directly on carrier profile

## ROLLER STRIP WITH FLANGED ROLLERS

Part. N° 32.0560/0



### TECHN. DATA / ITEMS SUPPLIED

- Length to customer specification	
- Max. length	6000 mm
- Division	50 mm
- Supporting profile: Steel, zinc plated	
- Roller colour: yellow	
- Weight	0,615 kg/m

### APPLICATIONS

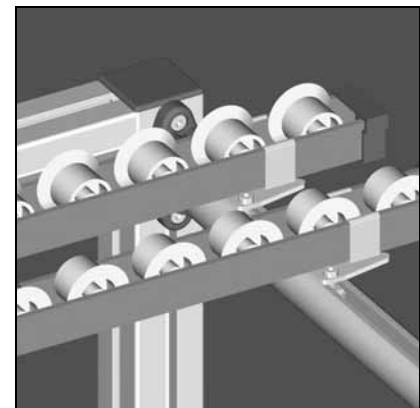
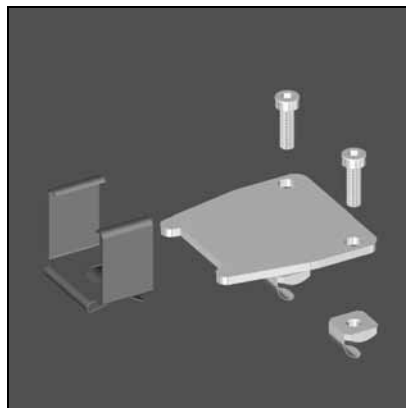
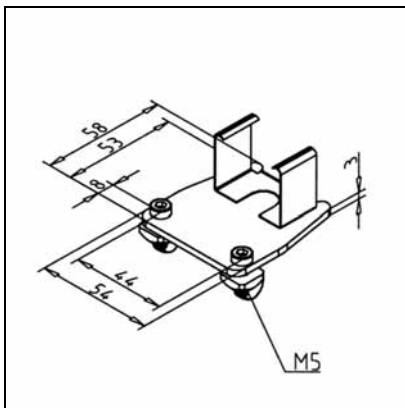
- The rollers can be used over a temperature range from -30°C up to +100°C
- Part. N° 32.0565/0 highly conductive roller to avoid electrostatic charge. Roller colour: black

### ASSEMBLY

- With hook and handle profile
- Directly on carrier profile

## ROLLER STRIP FASTENING

Part. N° 32.0574/0



### TECHN. DATA / ITEMS SUPPLIED

- Fixing plate steel VA	
- Thickness	3 mm
- With the fastening material and spring clamps for roller strip	
- Weight	0,078 kg/m

### APPLICATIONS

- for fastening roller strip without processing

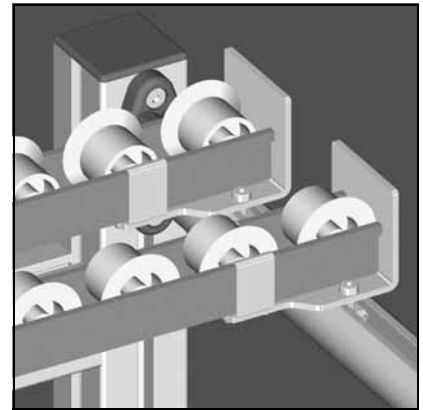
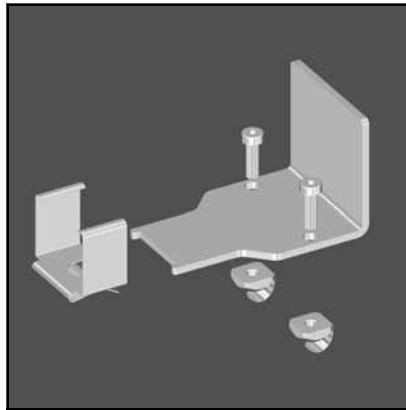
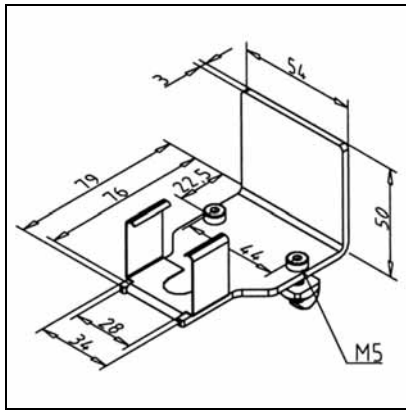
### ASSEMBLY

- For inclining roller tracks, handle profile Part. N° 20.1088/0 connected to a flange bearing 32 Part. N° 22.1016/0 or use a collar 32 Part. N° 22.1022/0



## ROLLER STRIP END STOP

Part. N° 32.0569/0



### TECHN. DATA

- Stainless steel end stop
- Thickness 3 mm
- with the fastening material and spring clamps for roller strip
- Weight 0,166 kg/m

### APPLICATIONS

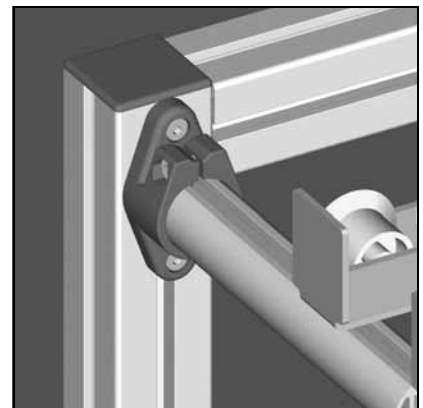
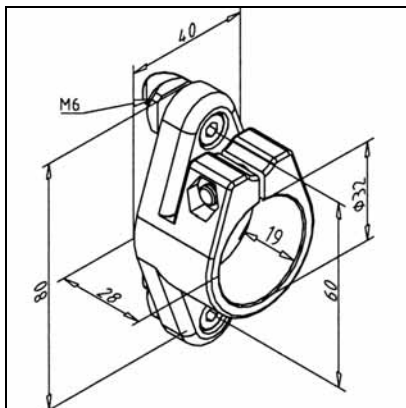
- Use as end stop for roller strip
- Install without drilling

### ASSEMBLY

- Use fastening kit
- For inclining roller tracks, handle profile Part. N° 20.1088/0 connected to a flange bearing 32 Part. N° 22.1016/0 or use a collar 32 Part. N° 22.1022/0

## FLANGE BEARING 32

Part. N° 22.1016/0



### TECHN. DATA/ITEMS SUPPLIED

- Flange bearing ABS, grey
- With fastening kit
- Weight 0,104 kg/m

### APPLICATIONS

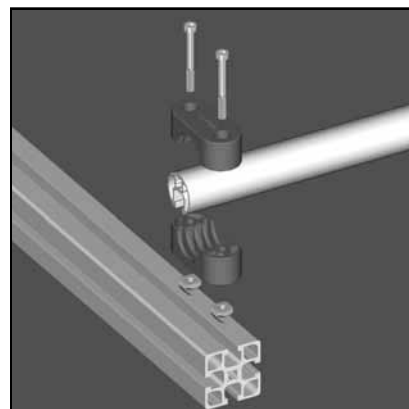
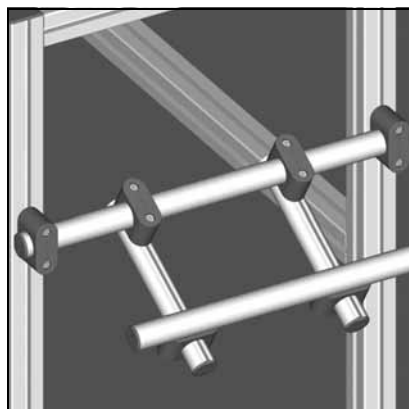
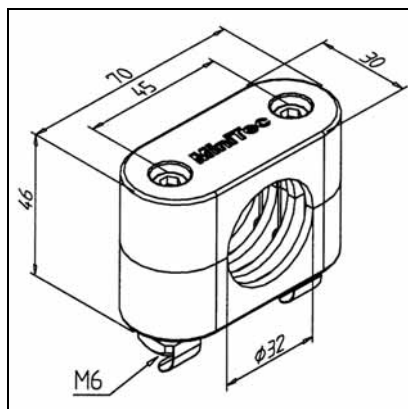
- For angle adjustable installation of handle profile 32 for roller strip

### ASSEMBLY

- Use fastening kit to fasten to base frame
- Push in handle profile 32 and clamp using screws
- Assembly without drilling

## STRAP HANDLE PROFILE 32

Part. N° 22.1022/0



## TECHN. DATA / ITEMS SUPPLIED

- Material: ABS, grey RAL 7012
- Fastening kit
- Weight 0,02 kg

## APPLICATIONS

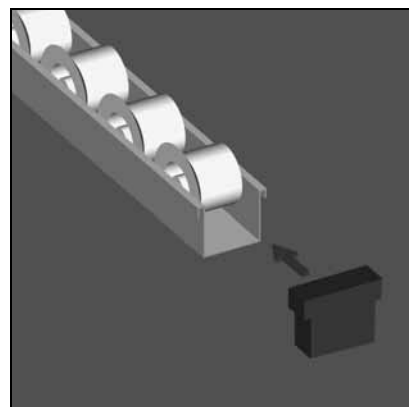
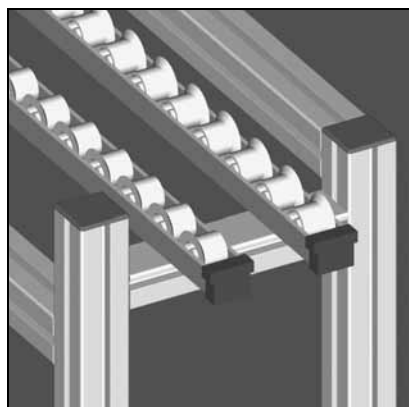
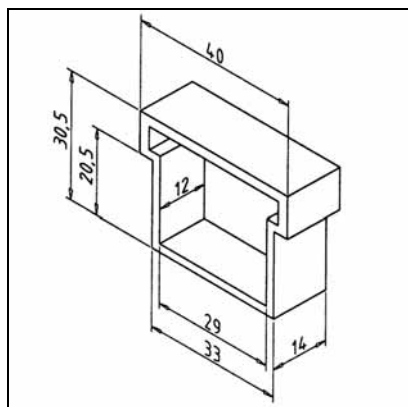
- For handle profile 32
- Handle with adjustable angle
- Simple equipment and frames

## ASSEMBLY

- Swivel in slide nuts
- Insert handle profile into the 2 half-shells
- Fasten with bolts

## EDGE PROTECTION

Part. N° 32.0572/0



## TECHN. DATA / ITEMS SUPPLIED

- Plastic, black
- Weight 0,004 kg
- ESD compatible
- Weight 0,004 kg

## APPLICATIONS

- Protection against injury

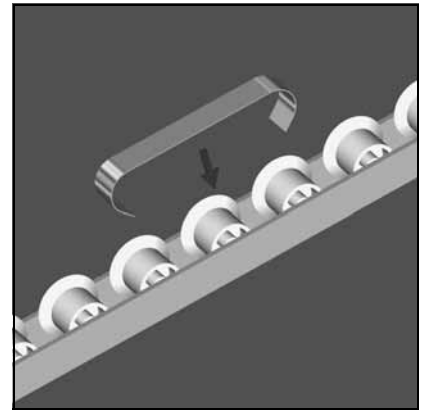
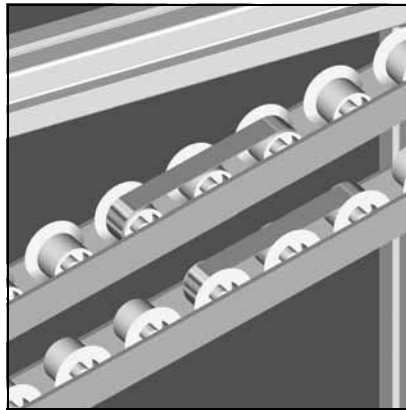
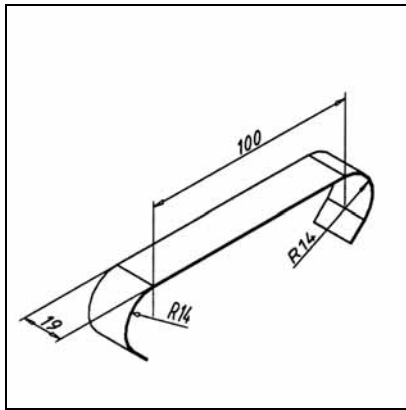
## ASSEMBLY

- Slip on roller strip



## BRAKE PLATE

Part. N° 32.0571/0



## TECHN. DATA / ITEMS SUPPLIED

- Brake plate on spring steel for 50 mm division
- Weight 0,017 kg
- ESD capable combined with conductive rollers

## APPLICATIONS

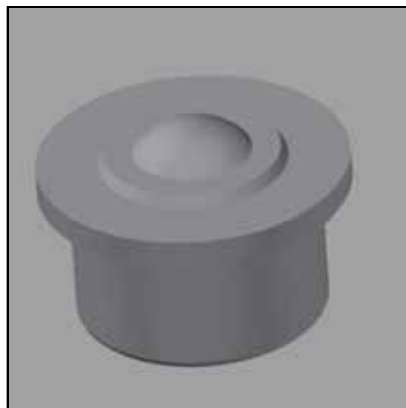
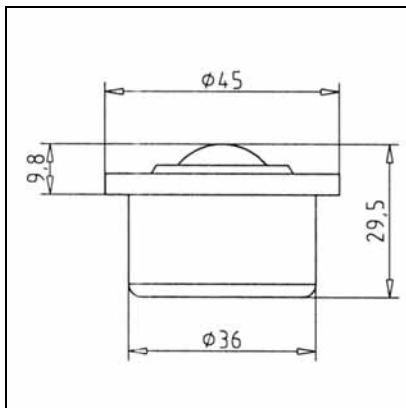
- The brake plate can be fastened at any desired location

## ASSEMBLY

- Push onto the roller strip

## BALL CASTER

Part. N° 35.0041/0



## TECHN. DATA / ITEMS SUPPLIED

- Slide units made of steel sheet, galvanized, steel balls
- DW 22,2 mm
- Basic load rating C: 1200 N
- Weight 0,13 kg

## APPLICATIONS

- Ball casters for conveyors and automation systems
- Enable a simultaneous longitudinal and transverse movement
- Installation into work tables or roller conveyors
- Ball casters also as running gear for crates, equipment, furniture and machines

## ASSEMBLY

- Insert into prepared bore hole
- Or mount with tolerance ring **Part. N° 35.0001/0**
- Caution: for installation using tolerance ring of other hole diameter (37.7 + 0.2 mm)

## INQUIRY KANBAN-SYSTEMS

### Standard dimension

Length L  mm

Width B  mm

Height H  mm

Incline W° ☐ standard 4°

☐ optional  °

Number of levels  piece

Number of tracks  piece

Level	Level height	Track width		
		1	2	3
C				
D				
E				
F				
G				

### Roller

☐ cylindric rollers

ESD capable ☐ yes ☐ no

☐ flanged rollers

ESD capable ☐ yes ☐ no

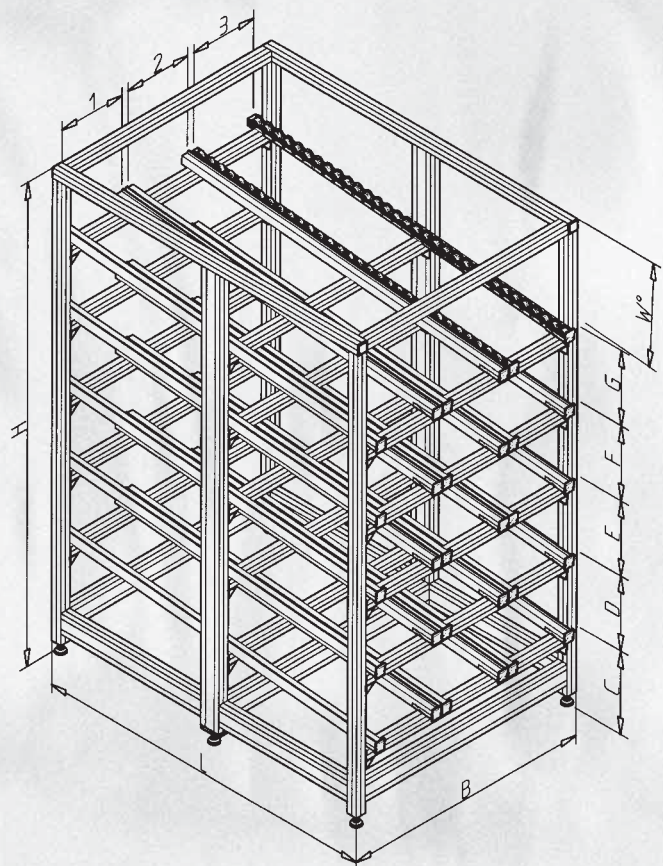
### Goods to be conveyed

Length L  mm

Width B  mm

Height H  mm

Weight max. of one case  kg



For different transport goods, stages and tracks, we would be pleased to give you a quote for a Kanban system designed for your individual requirements.

Company

Name

Phone no.

Fax no.

e-mail

☐

Please call me back

☐

Please send me an offer





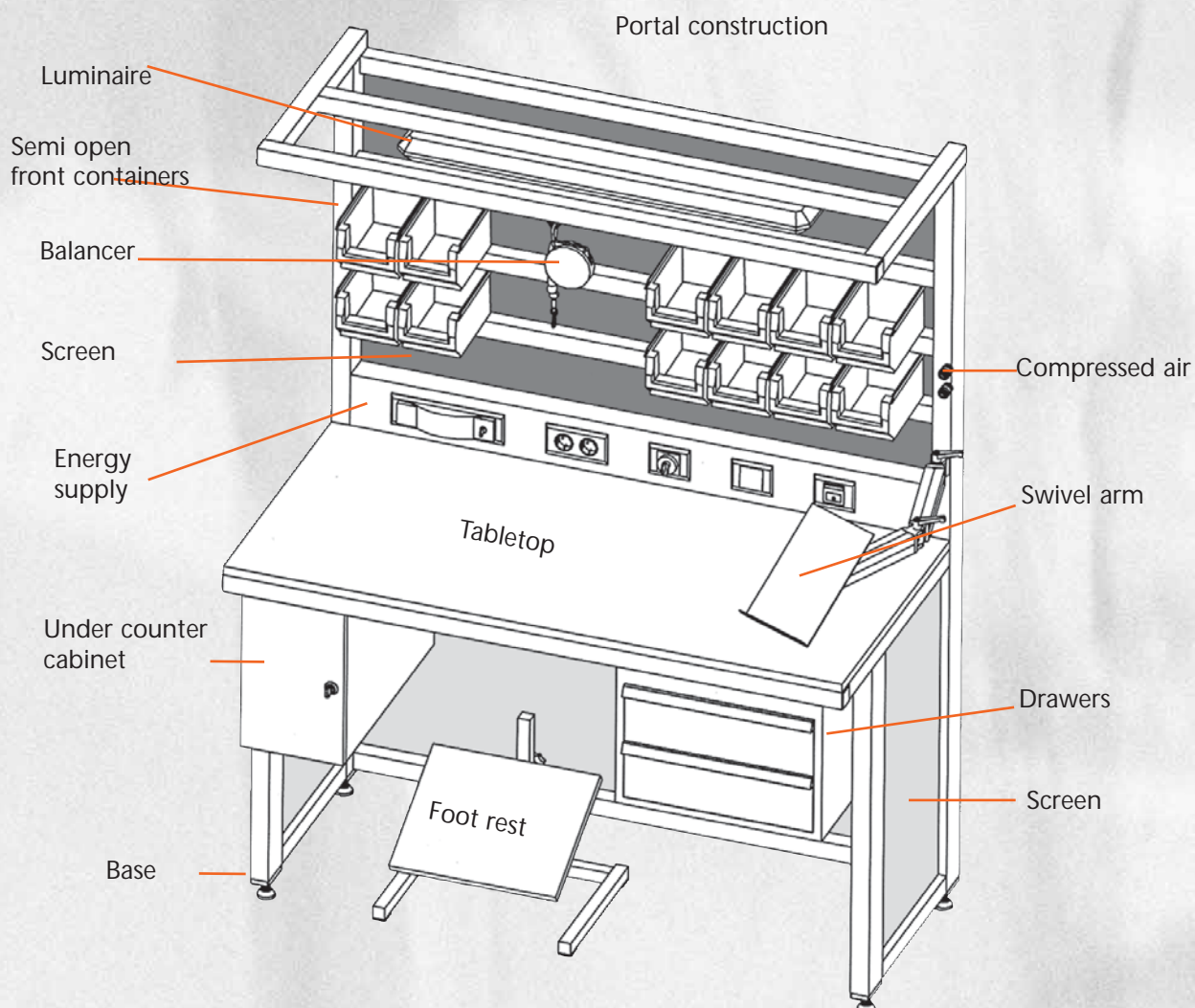


## ACCESSORIES

It is just small things that often count: handy accessories is necessary addition to perfect design of an optimal workplace. Everything must be on its proper place and instructions or information should be attached properly and clearly visible.

Auxiliary equipment which helps to avoid loads and to keep the workplace clear, noticeably support efficiency at reduced employees' stress.

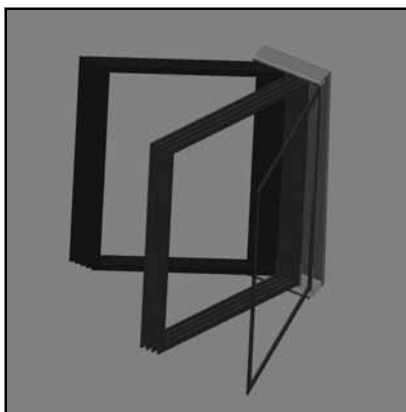
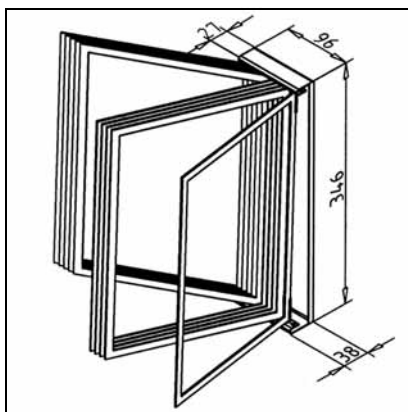
### Components workplace system





## DOCUMENT SUPPORT

Part. N° 32.0605/0



## TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey
- 10 DIN A4 boards, transparent
- Border, 5 each in blue, red
- 5 Slip-on tabs
- ESD on request
- Weight 1,24 kg

## APPLICATIONS

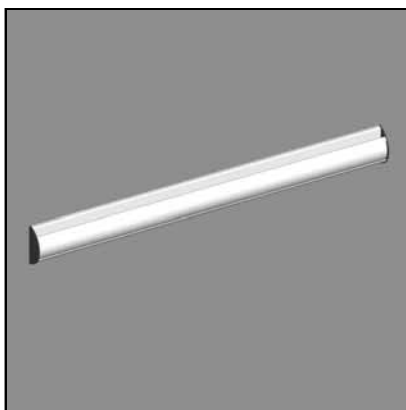
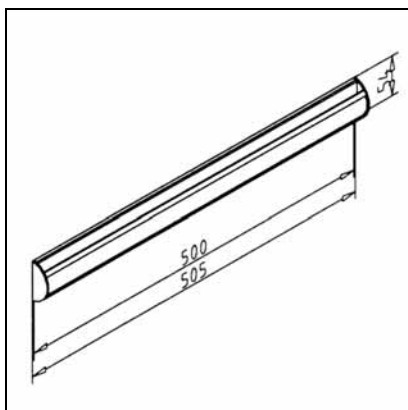
- Provision of job instructions, maintenance notes
- Control boards, general information

## ASSEMBLY

- Fastening with 2 hex socket cap screws M 06 x 16, 2 square nut M6 into profile groove
- Screw tight onto portal construction

## DOCUMENT BAR

Part. N° 32.0610/0



## TECHN. DATA / ITEMS SUPPLIED

- Aluminum, anodized
- With special glass clamping balls
- Length 505 mm
- Other dimensions on request
- Weight 0,30 kg

## APPLICATIONS

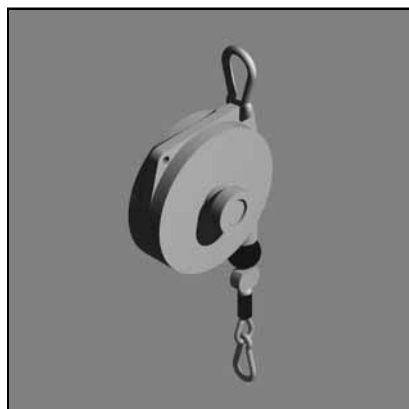
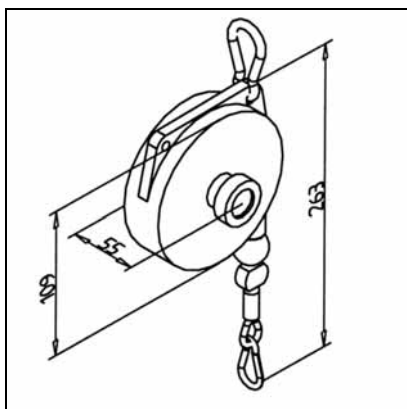
- Safe attachment of large drawings, instructions, plans
- Simply slip-in papers from below

## ASSEMBLY

- Use the screws of fastening kit or fasten with adhesive tape on the back

## BALANCER

Part. N° 29.0111/0



### TECHN. DATA / ITEMS SUPPLIED

- For tool weights 2-3 kg
- Higher weights on request
- Weight 0,75 kg

### APPLICATIONS

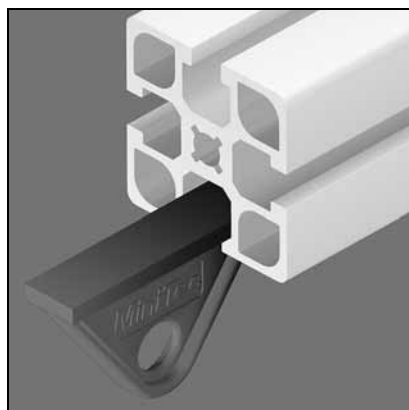
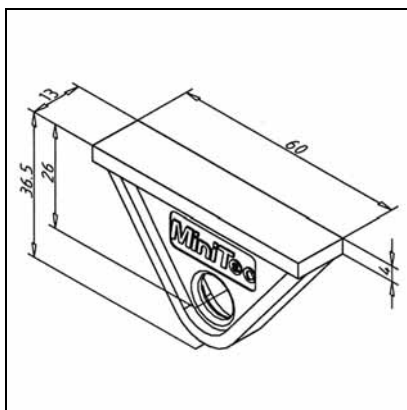
- Tool suspensions

### ASSEMBLY

- With tool hanger Part. N° 21.1769/0

## TOOL HANGER

Part. N° 21.1769/0



### TECHN. DATA / ITEMS SUPPLIED

- ABS, grey
- Fits all profiles (except C-section rail)
- Weight 0,045 kg
- Load max 10 kg
- Grab-supportive tool suspensions

### APPLICATIONS

- Tool suspensions

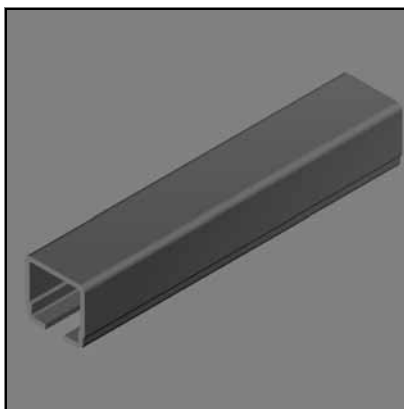
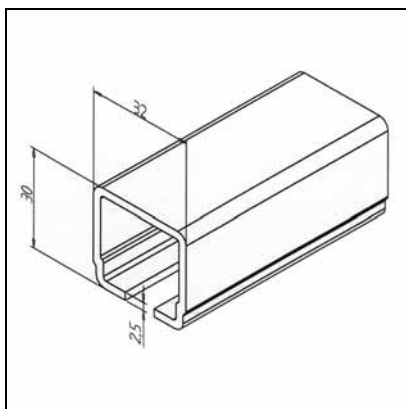
### ASSEMBLY

- Push into profile groove, secure ends



## C-SECTION RAIL 30

Part. N° 32.0220/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- Length	6000 mm
- $I_x =$	2,42 cm <sup>4</sup>
- $w_x =$	1,45 cm <sup>3</sup>
- Weight	1,56 kg/m
- ESD on request	

### APPLICATIONS

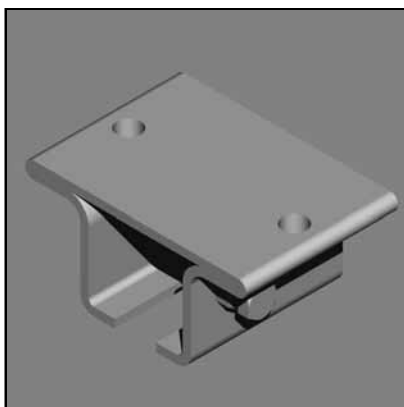
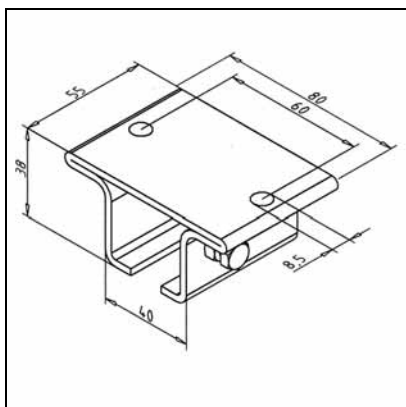
- Reception and guide of cable trolleys
- Reception and guide of tool trolleys to provide heavy tools

### ASSEMBLY

- Attach to portal structure with rail holder Part. N° 32.0222/0

## RAIL HOLDER

Part. N° 32.0222/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- Weight	0,25 kg
- ESD on request, conductive with 1 slide nut	

### APPLICATIONS

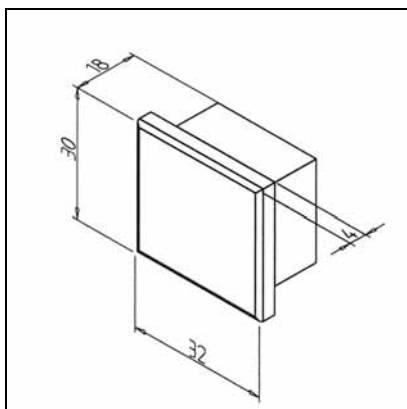
- Fastening the C-section rail on the portal structure
- Mounting for C-section rail 30 Part. N° 32.0220/0

### ASSEMBLY

- Screw tight onto portal construction using mounting material from scope of supplies

## CAP FOR C-PROFILE RAIL

Part. N° 32.0223/0



## TECHN. DATA / ITEMS SUPPLIED

- Plastic, black

- Weight 0,006 kg

## APPLICATIONS

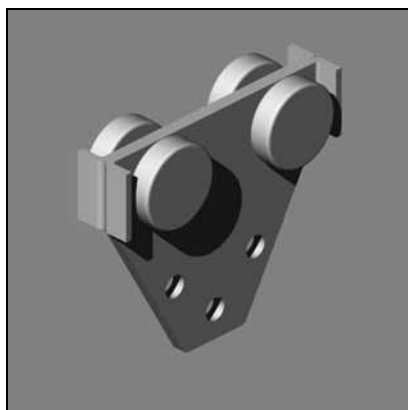
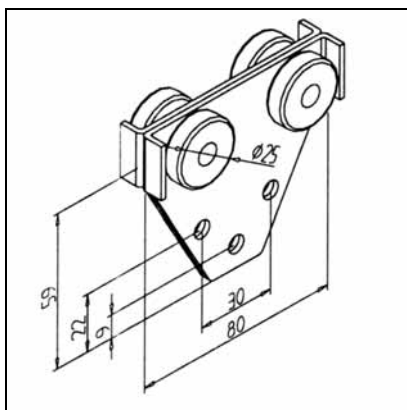
- Closing of both rail ends

## ASSEMBLY

- Press onto C-profile rail

## TOOL TROLLEY

Part. N° 32.0224/0



## TECHN. DATA / ITEMS SUPPLIED

- Sheet steel

- 4 rollers, zinc plated, ball bearings sealed on both sides

- Weight 0,21 kg

- Load max 20 kg

- ESD on request

## APPLICATIONS

- Suspension of tools in the workroom

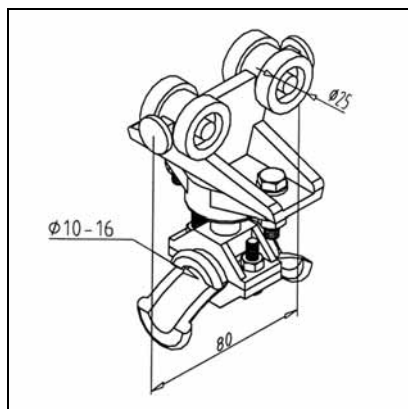
## ASSEMBLY

- Push into C-section rail, secure ends with limit stop



## CABLE TROLLEYS FOR CIRCULAR LINES

Part. N° 32.0225/0



### TECHN. DATA / ITEMS SUPPLIED

- Supporting body: plastic, yellow	
- 4 plastic rollers	
- Ultimate load	10 kg
- Weight	0,127 kg

### APPLICATIONS

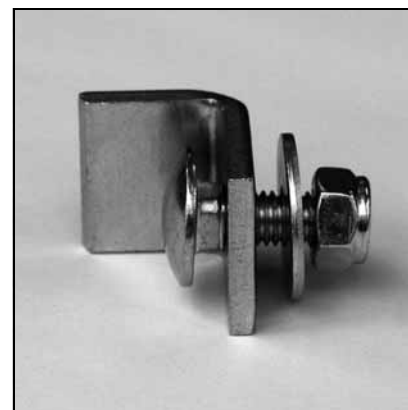
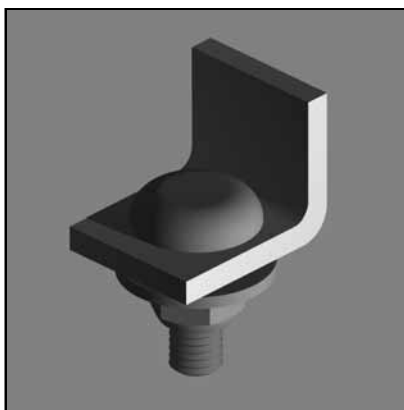
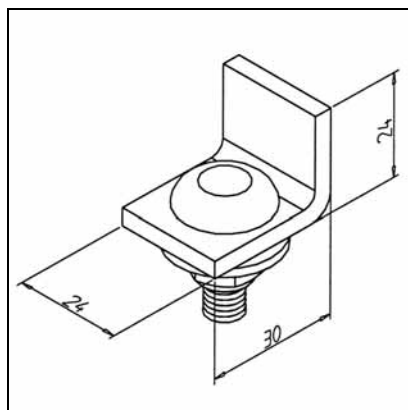
- Smooth running guidance of lines
- Suspension of hoses and lines

### ASSEMBLY

- Push into C-section rail, secure ends with limit stop
---

## LIMIT STOP FOR CABLE TROLLEY

Part. N° 32.0226/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- Mounting material	
- Weight	0,2 kg
- ESD on request	

### APPLICATIONS

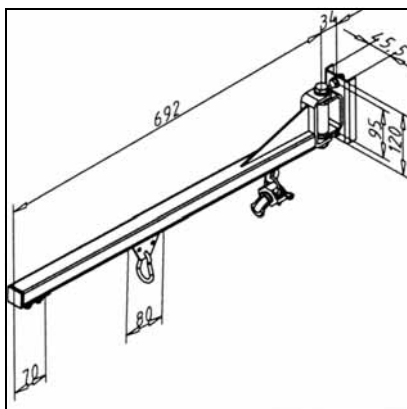
- Securing cable trolleys and tool trolleys at end of rail
--

### ASSEMBLY

- Screw into end of C-section rail
------------------------------------

## HINGED CANTILEVER

Part. N° 32.0230/0



## TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey
- 180° swiveling
- Mounting material
- Length 692 mm
- Load max 20 kg
- Weight 2,31 kg
- ESD on request

## APPLICATIONS

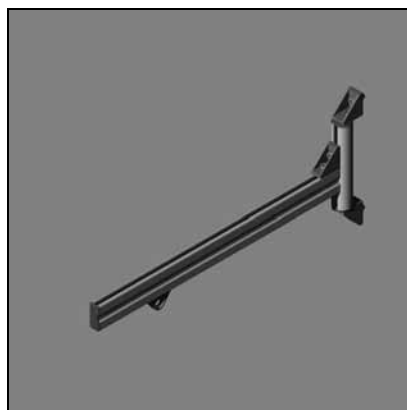
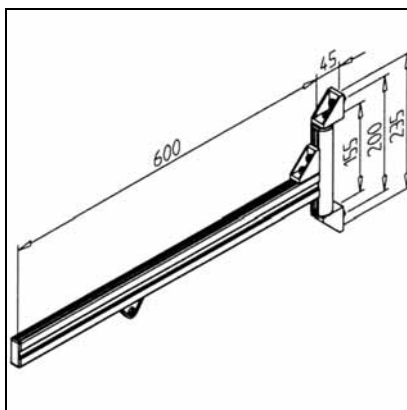
- For compressed air and power tools

## ASSEMBLY

- Slight backward inclination for unused tools to slide from back automatically
- Screw tight to portal construction using mounting material from scope of supplies

## HINGED EXTENSION ARM ECO

Part. N° 32.0201/0



## TECHN. DATA / ITEMS SUPPLIED

- 200° swiveling
- Mounting material
- Plain bearings
- Length 600 mm
- Load max 10 kg
- Weight 1,10 kg

## APPLICATIONS

- For compressed air and power tools

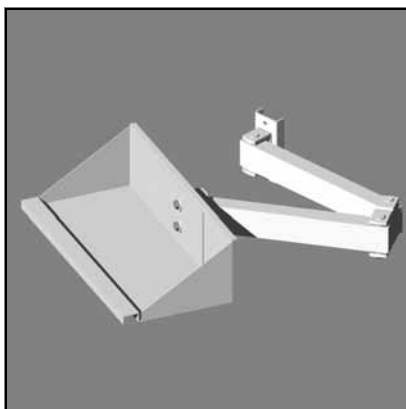
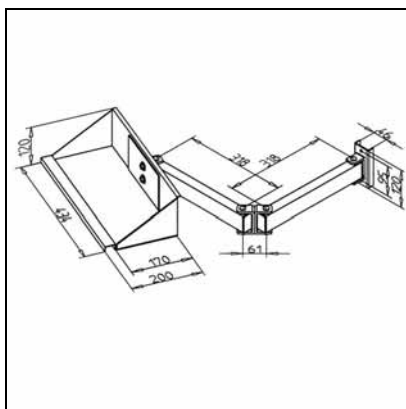
## ASSEMBLY

- Fastened onto portal with bracket
- Screw tight onto portal construction using mounting material supplied



## HOLDER, SEMI OPEN FRONT CONTAINER

Part. N° 32.0516/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, lacquered, light grey
- Mounting material
- Front handle bar
- With double-hinged arm 700 mm long
- Load max 15 kg
- ESD on request
- Weight 4,30 kg

### APPLICATIONS

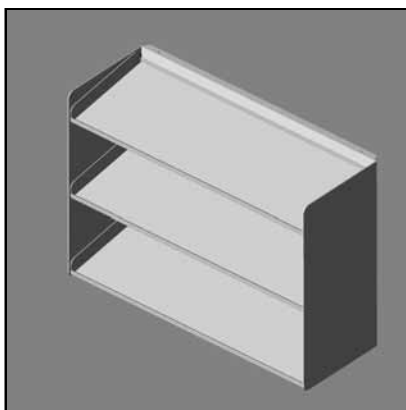
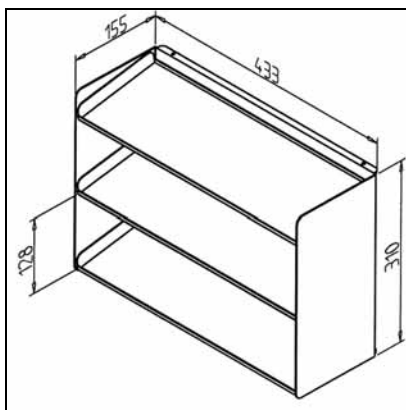
- As storage area for semi open front containers and semi open front container racks

### ASSEMBLY

- Installation on vertical strut of portal construction

## SEMI OPEN FRONT CONTAINER RACK

Part. N° 32.0514/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated grey
- 3 levels
- Weight 3,8 kg
- ESD on request

### APPLICATIONS

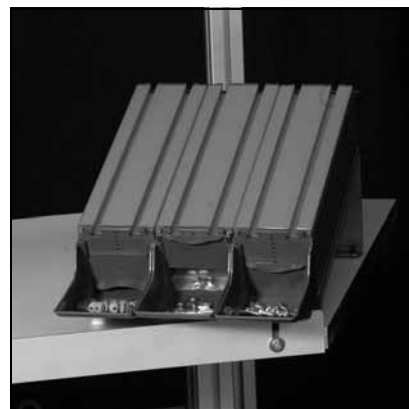
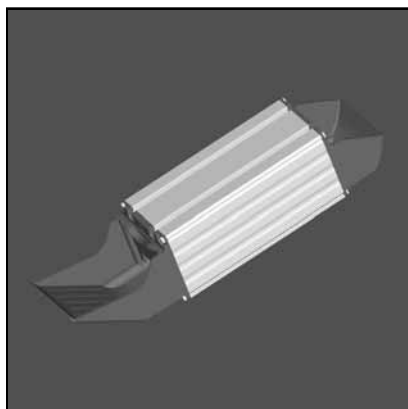
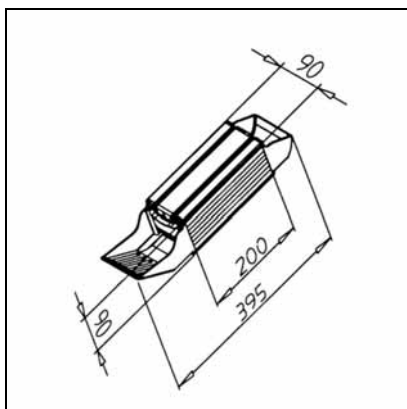
- For semi open front containers and small hardware
- For max. 12 semi open front containers, L= 165 mm, W= 105 mm, H= 75 mm

### ASSEMBLY

- Fasten onto portal structure
- Free-standing or in connection with holder **Part. N° 32.0516/0**

## GRAB BINS 90 L = 200 ESD

Part. N° 32.0851/0



## TECHN. DATA / ITEMS SUPPLIED

- Filler and grab tray
- Aluminium profile
- Completely mounted
- Other lengths on request
- Weight 0,548 kg

## APPLICATIONS

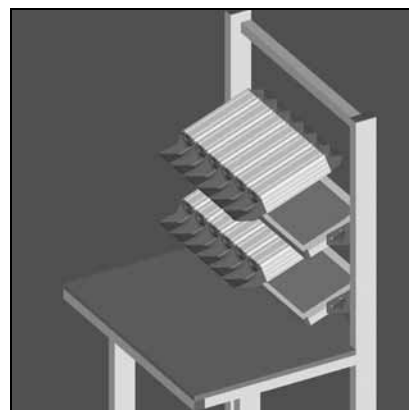
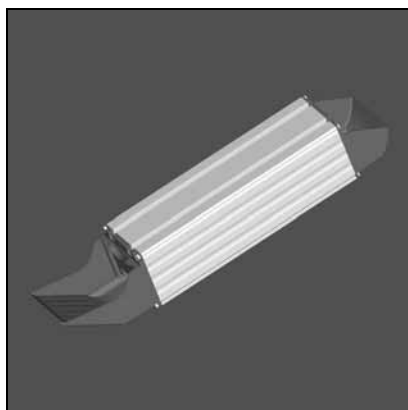
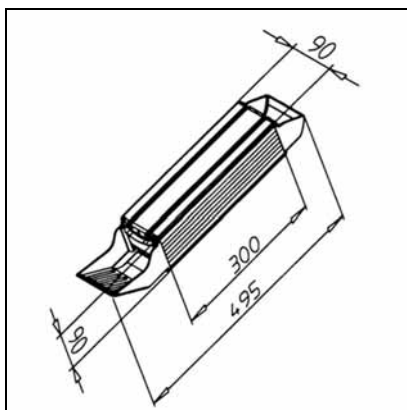
- Supply of small parts at assembly workplaces
- Variable opening height to the grab trays using sliders

## ASSEMBLY

- Fasten with the enclosed fastening material onto console 300 or above grab container 90 L = 300

## GRAB BINS 90 L = 300 ESD

Part. N° 32.0852/0



## TECHN. DATA / ITEMS SUPPLIED

- Filler and grab tray
- Aluminium stock profile
- Completely mounted
- Other lengths on request
- Weight 0,747 kg

## APPLICATIONS

- Supply of small parts at assembly workplaces
- Variable opening height to the grab trays using sliders

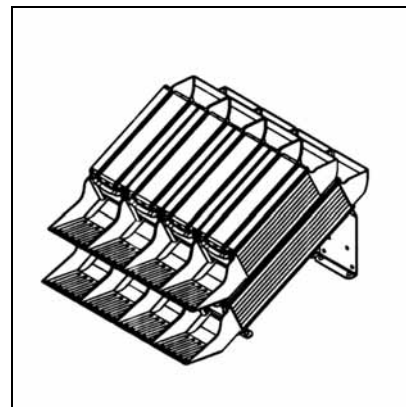
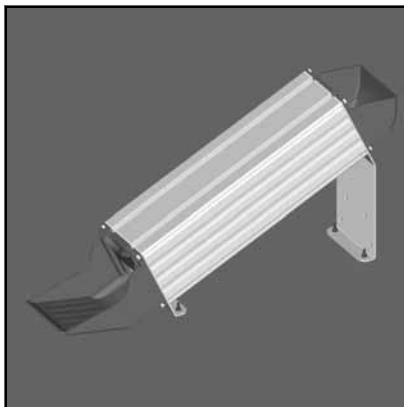
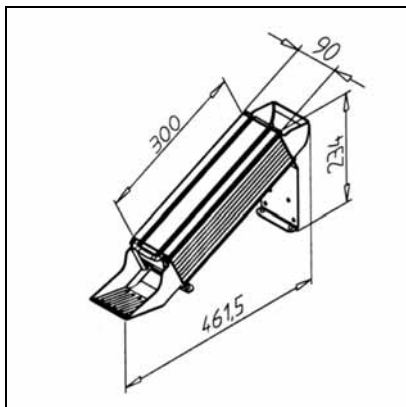
## ASSEMBLY

- Fasten with enclosed fastening material onto console 300
- Set on shelf Part. N° 32.0501/0



## CONSOLE 300 ESD

Part. N° 32.0865/0



### TECHN. DATA / ITEMS SUPPLIED

- Carrier section fabrication from aluminium profile 270 x 19
- Feet made of V2A sheet with rubber feet
- Weight 2,541 kg

### APPLICATIONS

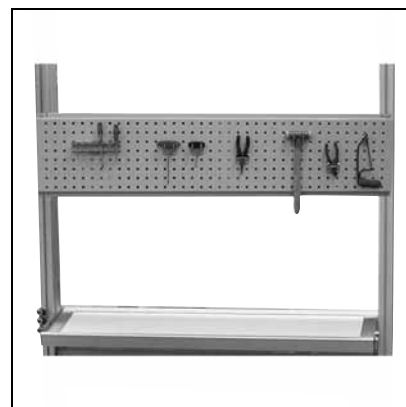
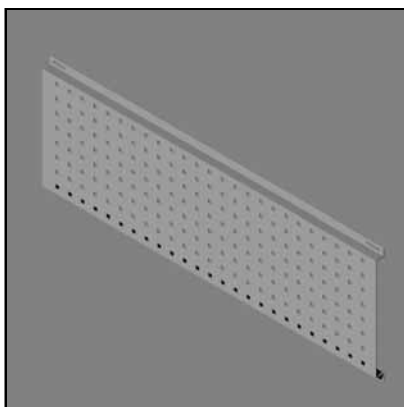
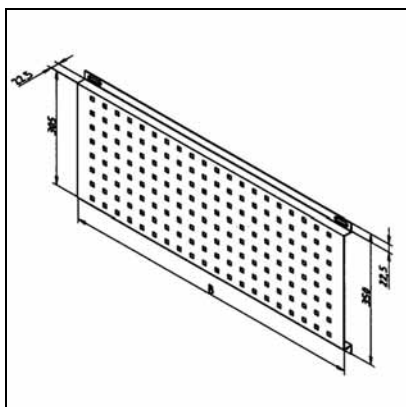
- Supply of small parts at assembly workplaces
- Can be positioned ergonomically on the tabletop
- For holding grab containers

### ASSEMBLY

- Stock with grab bins 200 ESD Part N° 32.0851/0

## TOOL HOLDER PLATE

Part. N° 32.0520/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, light grey, 1.5 mm thick
- Square hole perforation 10 x 10 mm at 38 mm grid pattern
- Effective height 300 mm
- ESD on request
- Weight 3,65 kg

### OTHER VERSIONS

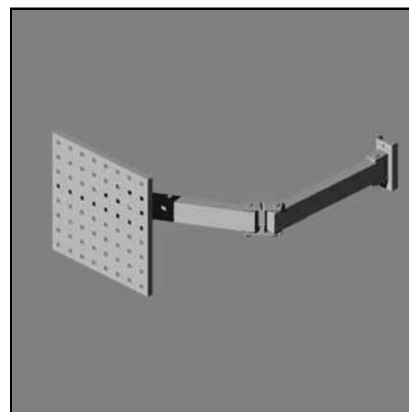
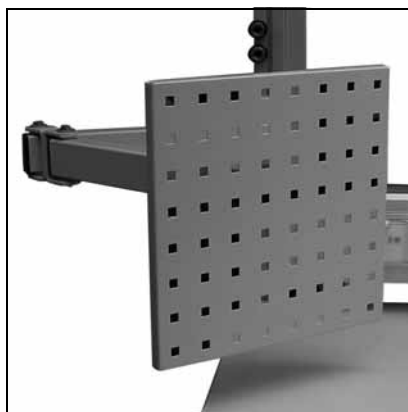
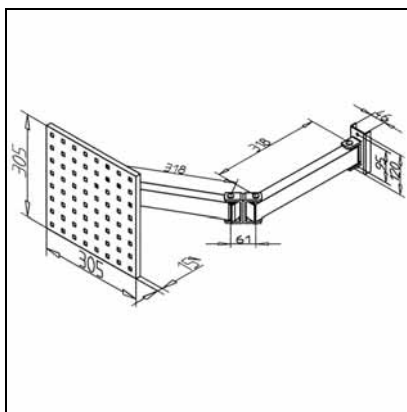
- Width B 1000 mm, Part. N° 32.0520/0
- Width B 1500 mm, Part. N° 32.0522/0
- Width B 2000 mm, Part. N° 32.0524/0

### ASSEMBLY

- Fasten onto portal structure

## TOOL SUPPORT

Part. N° 32.0510/0



### TECHN. DATA / ITEMS SUPPLIED

- Steel, light grey, 1.5 mm thick
- Square hole perforation 10 x 10 mm at 38 mm grid pattern
- Mounting material
- Load max 15 kg
- ESD on request
- Weight 4,10 kg

### APPLICATIONS

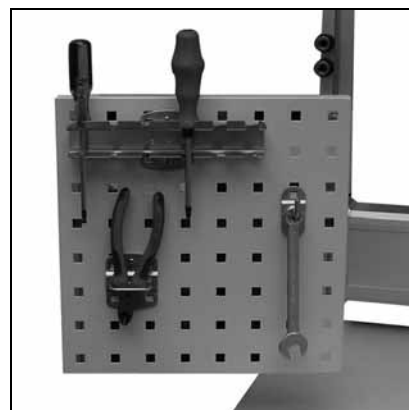
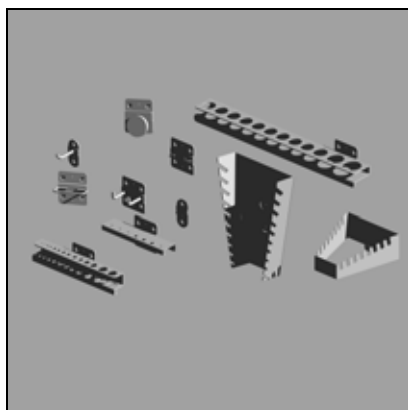
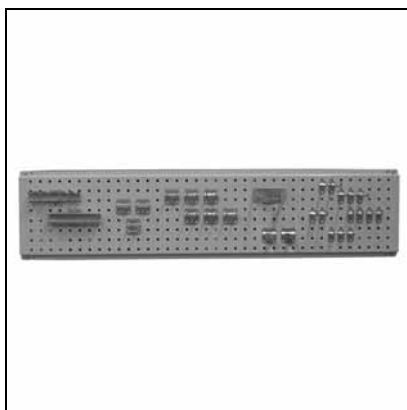
- For tool holders in gripping reach
- Provision of tools

### ASSEMBLY

- Fasten onto portal structure

## TOOL HOLDER SET

Part. N° 32.0530/0



### TECHN. DATA / ITEMS SUPPLIED

- Consisting of (total: 28 pieces)
- 12 mandrel holders, simplex
- 8 mandrel holders, duplex
- 2 tongs holders
- 1 machine holder
- Other holders on request
- ESD on request
- Weight 2,00 kg

### TECHN. DATA / ITEMS SUPPLIED

- 1 wrench holder
- 1 screwdriver holder
- 2 universal holders, 4-fold
- 1 drill/hexagon socket holder
- Without holder plate

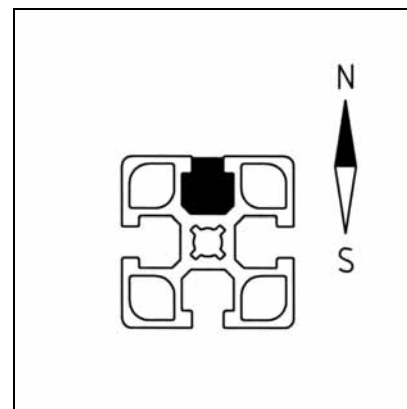
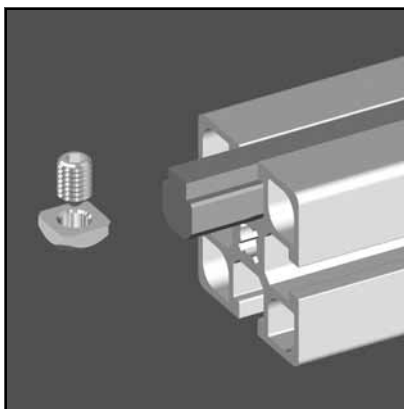
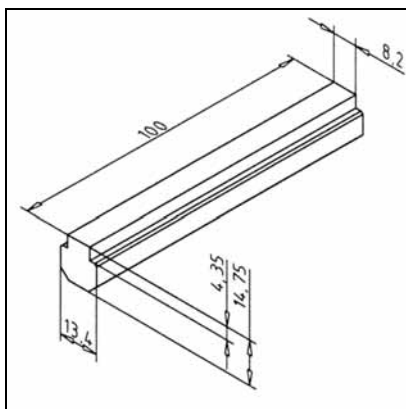
### ASSEMBLY

- Hook onto mounting plate and secure with included screws



## T-SLOT MAGNET

Part. N° 21.0023/0



### TECHN. DATA/ITEMS SUPPLIED

- 1 magnet zinc plated
- Energy density  $BH_{max} = 263 \text{ kJ/m}^3$
- Magnetic remanence,  $B_r = 1170 \text{ mT}$
- Coercive force,  $JH_c = 955 \text{ kA/m}$
- Without fastening kit
- Weight 0,13 kg
- Attention: Electric- and memory devices can be faulted by the magnet

### APPLICATIONS

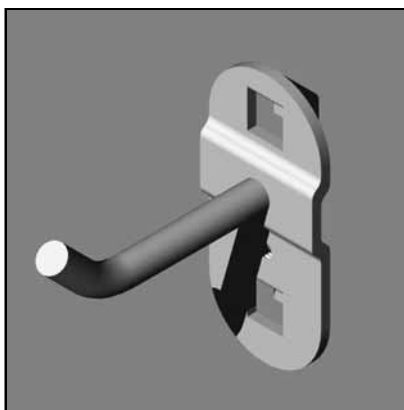
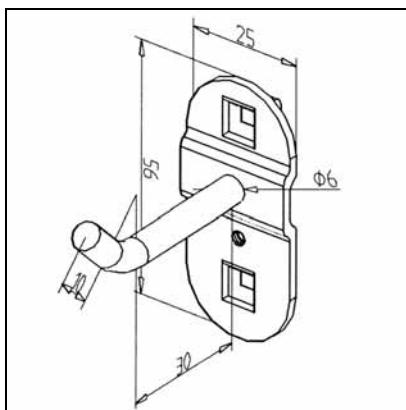
- Adhesive magnet for tools
- Below conveyors as guide, for magnetic transported material or higher conveyor speeds

### ASSEMBLY

- Insert magnet into t-slot
- For fastening: (highly recommended) Use end cap Al, set screw with square nut or t-slot bar

## TOOL HOLDER WITH SLANTED HOOK ENDS

Part. N° 32.0527/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Impact and scratch resistant plastic coating
- Individually packaged incl. clamp screw
- Weight 0,033 kg

### APPLICATIONS

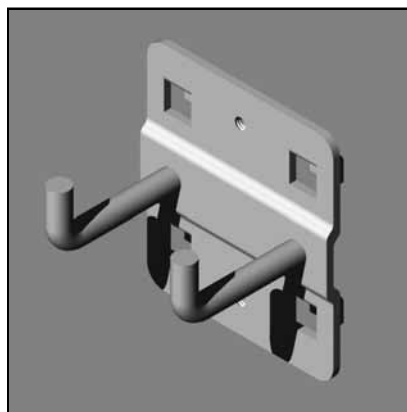
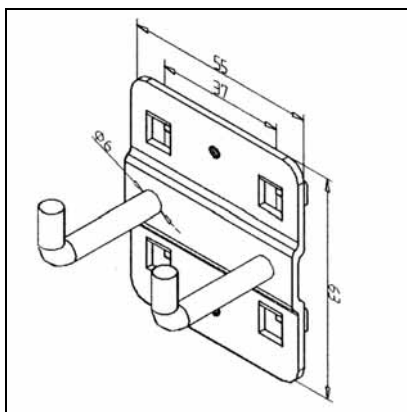
- Provision of tools at workplace

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## TOOL HOLDER WITH VERTICAL HOOK ENDS

Part. N° 32.0508/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Impact and scratch resistant plastic coating
- Individually packaged incl. clamp screw
- Weight 0,080 kg

### APPLICATIONS

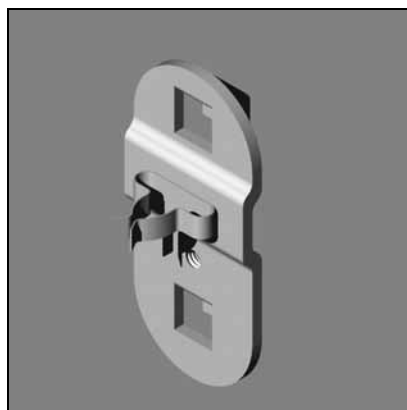
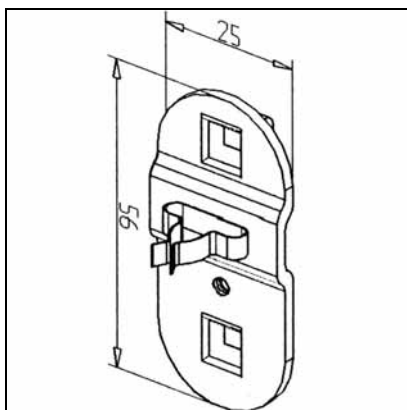
- Provision of tools at workplace

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## SINGLE TOOL CLAMP, SMALL BASE PLATE

Part. N° 32.0529/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Impact and scratch resistant plastic coating
- Individually packaged incl. screws
- Weight 0,023 kg

### APPLICATIONS

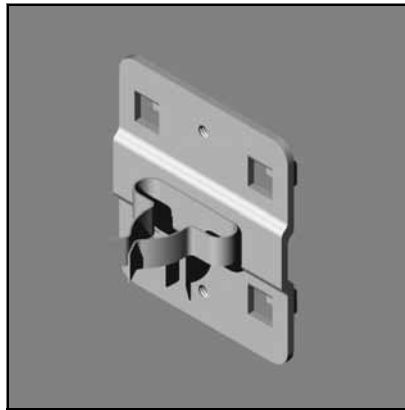
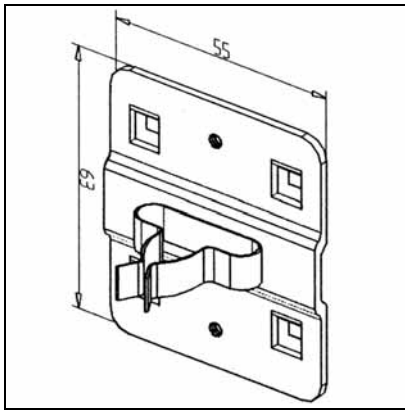
- For tools and cylindrical parts of approx.  $\varnothing$  10 mm

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## SINGLE TOOL CLAMP, LARGE BASE PLATE

Part. N° 32.0528/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Impact and scratch resistant plastic coating
- Individually packaged incl. screws
- Weight 0,063 kg

### APPLICATIONS

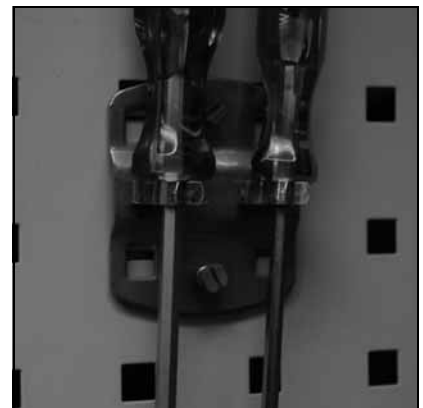
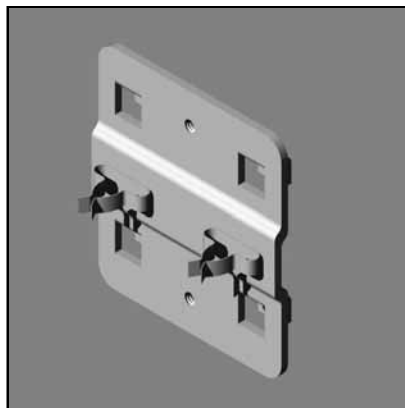
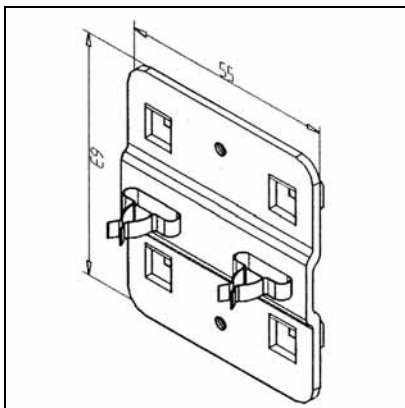
- For tools and cylindrical parts of approx.  $\varnothing$  25 mm

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## DOUBLE TOOL CLAMP

Part. N° 32.0506/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Impact and scratch resistant plastic coating
- Individually packaged incl. screws
- Weight 0,060 kg

### APPLICATIONS

- For tools and cylindrical parts of approx.  $\varnothing$  10 mm

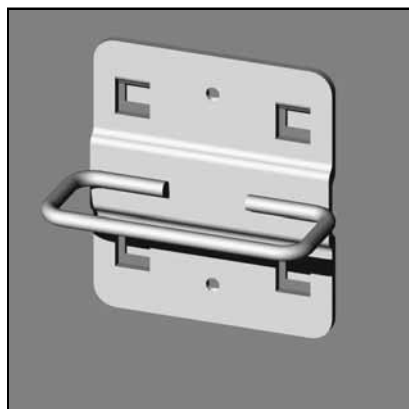
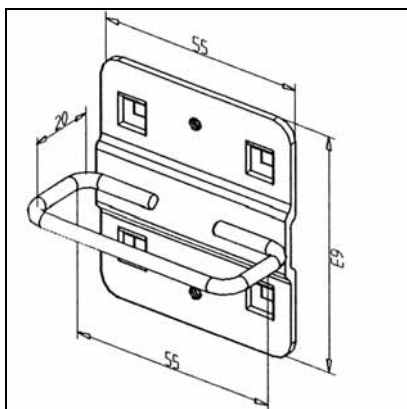
### ASSEMBLY

- Hook onto mounting plate and secure with included screws



## PLIERS HOLDER

Part. N° 32.0531/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,07 kg

### APPLICATIONS

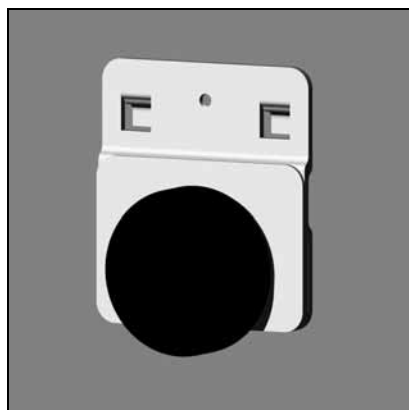
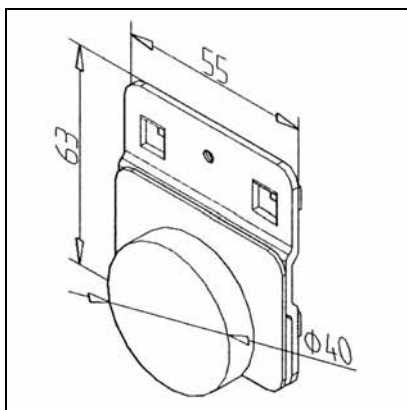
- Provision of tools at workplace

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## MAGNETIC HOLDER

Part. N° 32.0515/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,157 kg

### APPLICATIONS

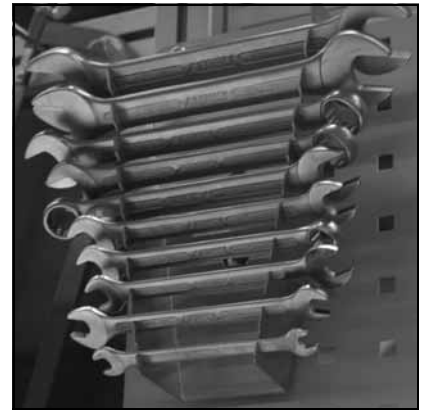
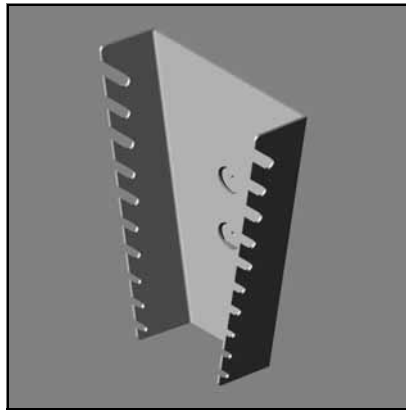
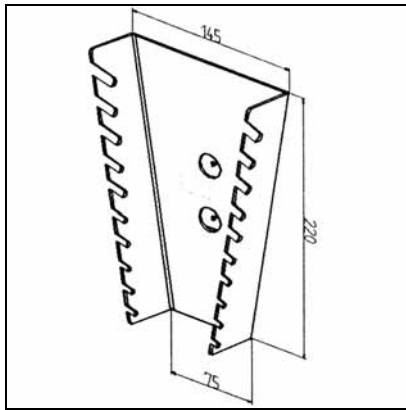
- For provision of steel tools

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## VERTICAL SPANNER HOLDER

Part. N° 32.0521/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum color
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,725 kg

### APPLICATIONS

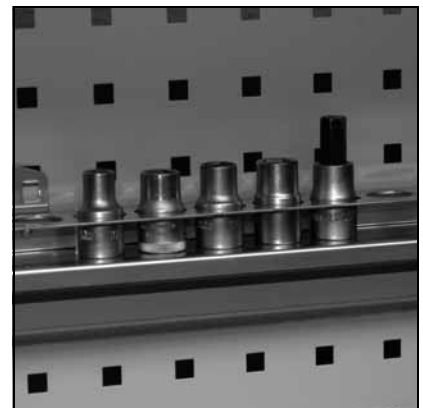
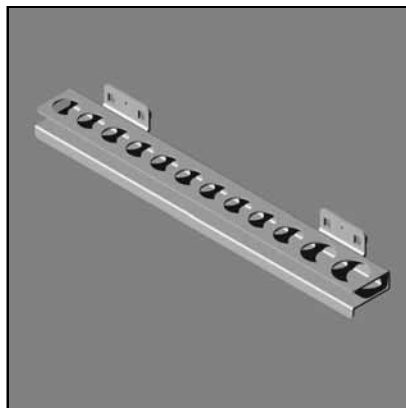
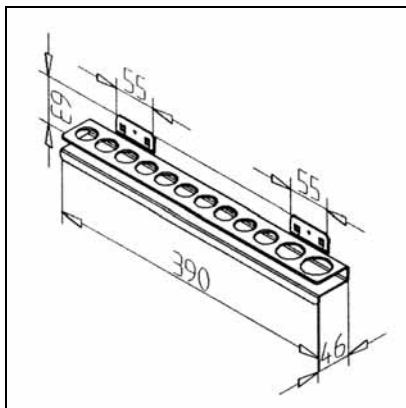
- Holder for open-ended or ring spanners

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## SOCKET HOLDER

Part. N° 32.0519/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum color
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,736 kg

### APPLICATIONS

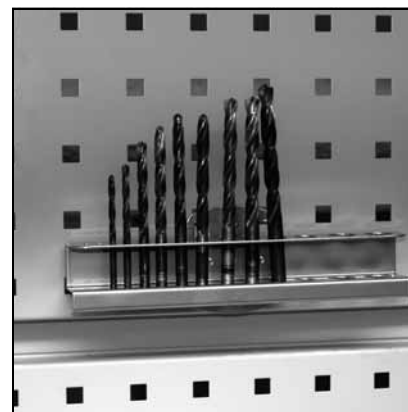
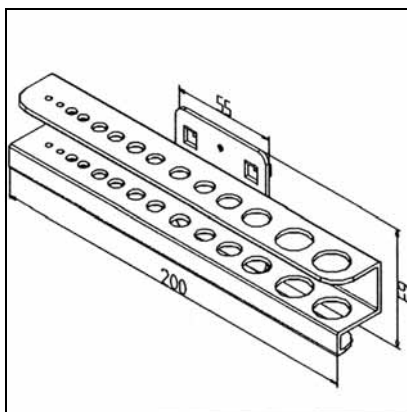
- Holder for sockets for socket wrench, 9x d=25, 1x d=27, 1x d=32, 1x d=35

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## DRILL AND ALLEN KEY HOLDER

Part. N° 32.0504/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,34 kg

### APPLICATIONS

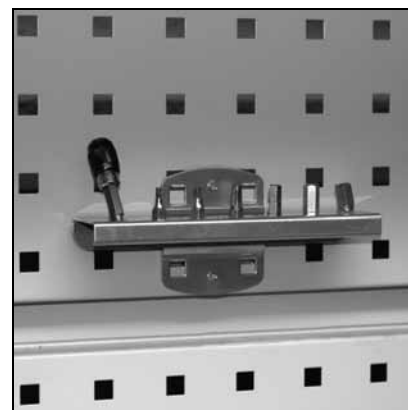
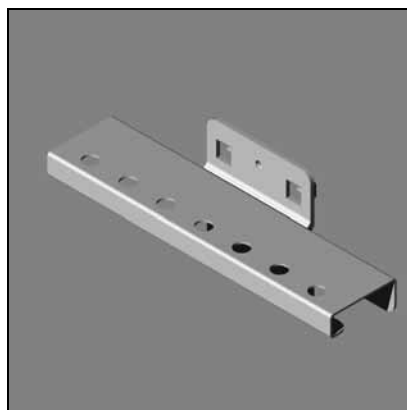
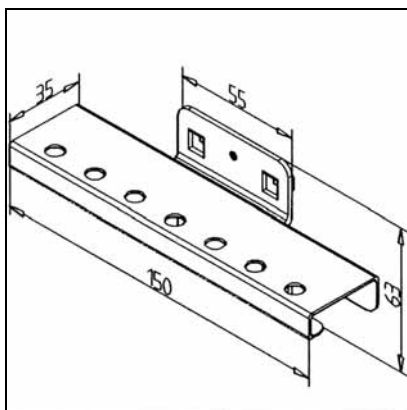
- Drill holder for 14 parts

### ASSEMBLY

- Hook onto mounting plate and secure with included screws

## BIT HOLDER

Part. N° 32.0503/0



### TECHN. DATA/ITEMS SUPPLIED

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,14 kg

### APPLICATIONS

- Bit holder for 7 bits

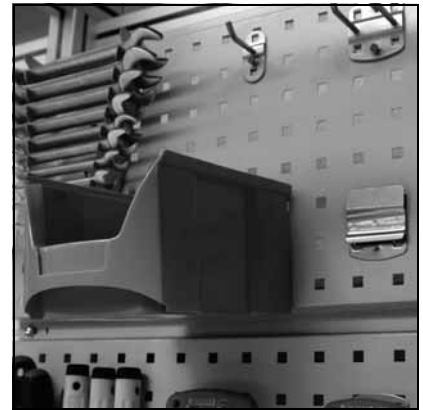
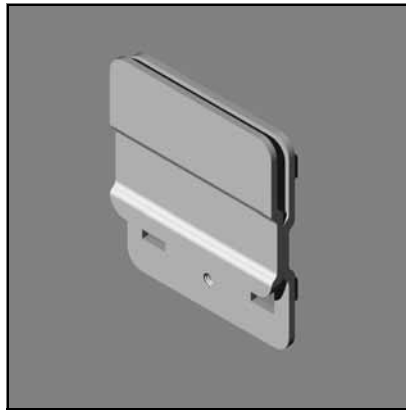
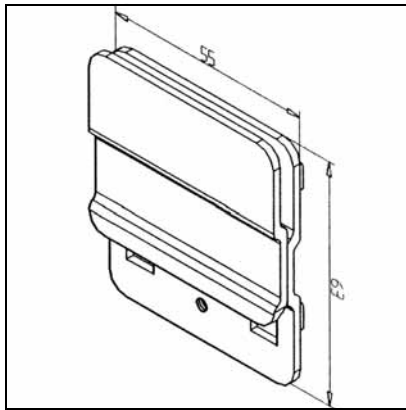
### ASSEMBLY

- Hook onto mounting plate and secure with included screws



## SEMI-OPEN FRONT CONTAINER HOLDER, SINGLE

Part. N° 32.0509/0



## TECHN. DATA

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,103 kg

## APPLICATIONS

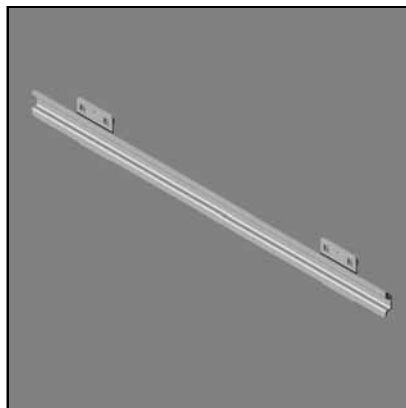
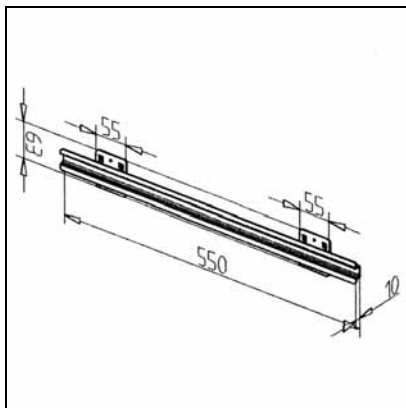
- Holder for open front containers

## ASSEMBLY

- Hook onto mounting plate and secure with included screws

## SEMI-OPEN FRONT CONTAINER HOLDER, MULTIPLE

Part. N° 32.0532/0



## TECHN. DATA

- Lacquered in aluminum colour
- Plastic coated
- Individually packaged incl. clamp screw
- Weight 0,568 kg

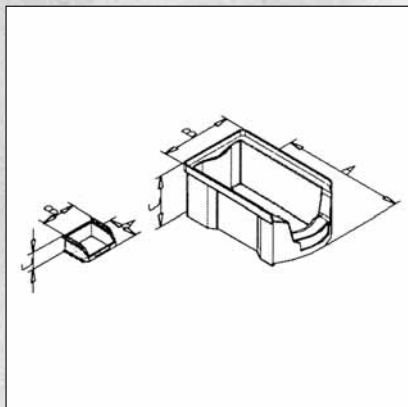
## APPLICATIONS

- Holder for open front containers Size 8

## ASSEMBLY

- Hook onto mounting plate and secure with included screws

## SEMI-OPEN FRONT CONTAINERS

**Techn. data:**

- Optimum overview and easy access to the contents
- Large handles on the front and rear for practical handling
- Very dimensionally stable
- Resistant to most acids and oils
- Temperature resistance (-20° to +80°C)

**Applications:**

- Provision of small parts, screws, bolts, nuts, etc. on assembly workplaces
- Ergonomic workplace systems

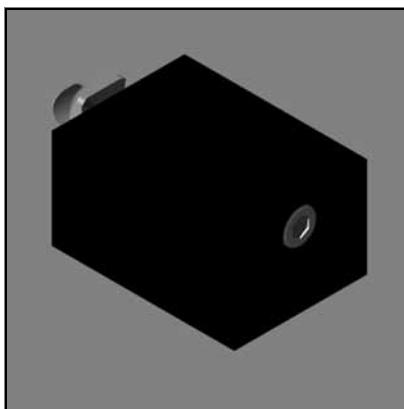
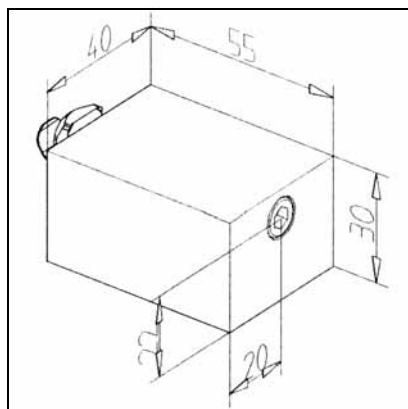
**Assembly:**

- Attach semi-open front containers with holder, single, **Part No 32.0509/0** or with holder, multiple **Part No 32.0532/0** to the tool holder plate or carrier

Part.N°	Dimensions			Colour
	A	B	C	
32.0540/0	360	210	145	blue
32.0540/5	360	210	145	black ESD
32.0541/0	235	147	125	blue
32.0541/5	235	147	125	black ESD
32.0542/0	168	103	75	blue
32.0542/5	168	103	75	black ESD
32.0543/0	85	100	50	blue
32.0543/5	85	100	50	black ESD

## MOUNTING BLOCK

Part. N° 32.0539/0



### TECHN. DATA / ITEMS SUPPLIED

- PE-UHMW conductive
- Color: black
- With fastening kit
- Weight 0,078 kg
- ESD capable

### APPLICATIONS

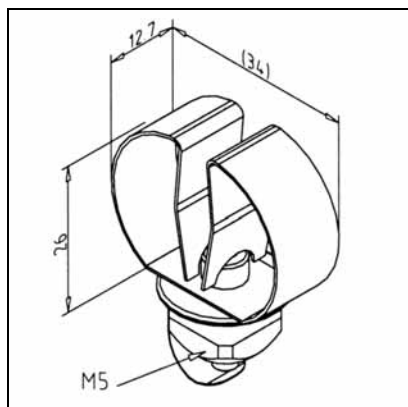
- For custom drilling of individual holes for provision of tools

### ASSEMBLY

- Fasten with fastening kit

## ATTACHMENT CLIP 8

Part. N° 32.0537/0



### TECHN. DATA/ITEMS SUPPLIED

- Stainless steel 1.4319
- Attachment clip with fastening kit
- Square nut Z, ESD capable
- Weight 0,017 kg

### APPLICATIONS

- Holder for miscellaneous tools with  $\varnothing$  8 - 12 mm

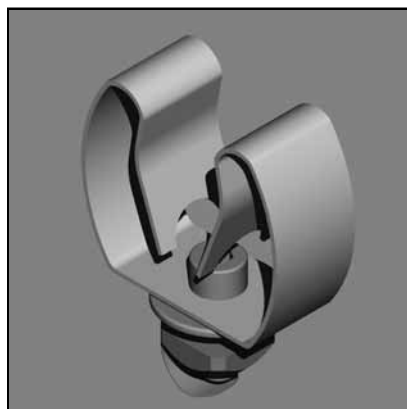
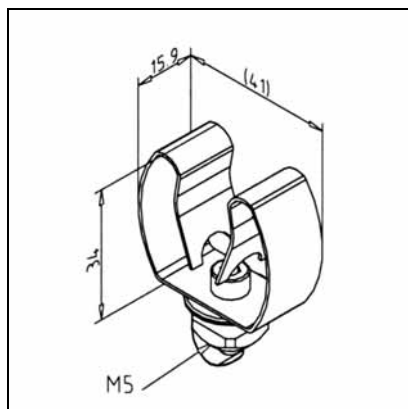
### ASSEMBLY

- Swivel into profile groove and tighten the fastening screw using fastening kit



## ATTACHMENT CLIP 16

Part. N° 32.0538/0



## TECHN. DATA/ITEMS SUPPLIED

- Stainless steel 1.4319
- Attachment clip with fastening kit
- Square nut Z, ESD capable
- Weight 0,028 kg

## APPLICATIONS

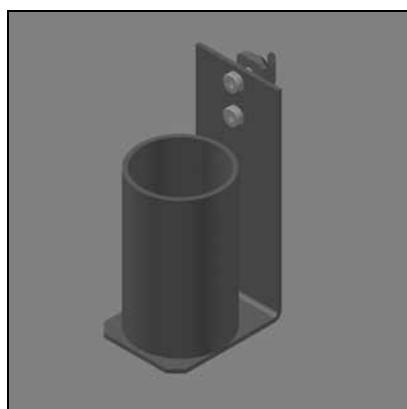
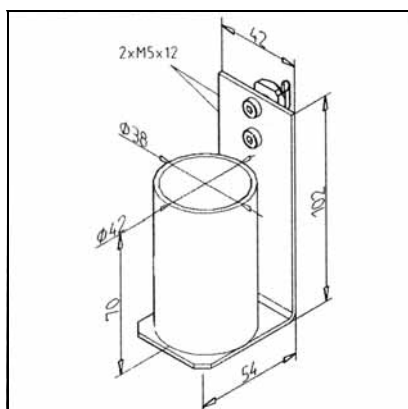
- Holder for miscellaneous tools with  $\varnothing 16 - 25$  mm

## ASSEMBLY

- Swivel into profile groove and tighten the fastening screw using fastening kit

## ROUND TOOL HOLDER 38-70

Part. N° 32.0535/0



## TECHN. DATA/ITEMS SUPPLIED

- Material V2A, polished
- With fastening kit
- Square nut Z, ESD capable
- Weight 0,263 kg

## APPLICATIONS

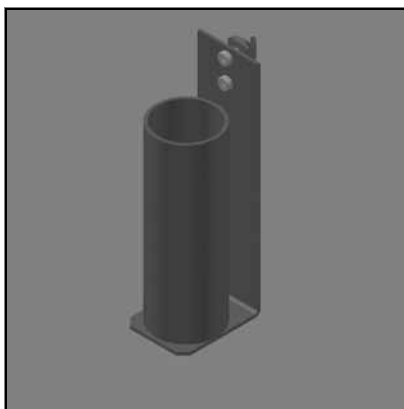
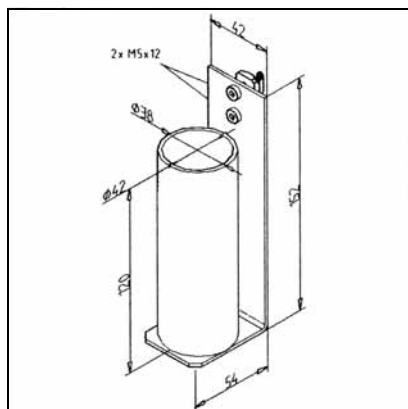
- Tool holder for storage of tools (files, marking tools, sharpening stones, etc.)
- Adjustable angle

## ASSEMBLY

- Fasten with the profile by using fastening kit

## ROUND TOOL HOLDER 38-120

Part. N° 32.0536/0



### TECHN. DATA/ITEMS SUPPLIED

- Material V2A, polished
- With fastening kit
- Square nut Z, ESD capable
- Weight 0,402 kg

### APPLICATIONS

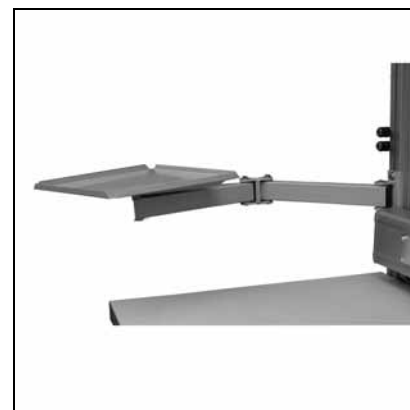
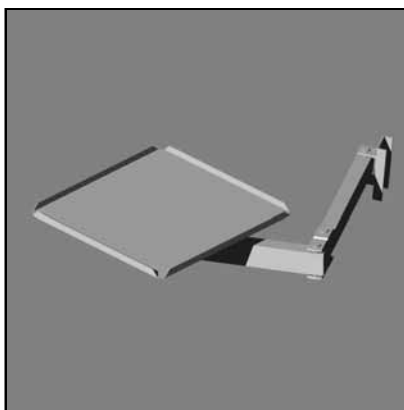
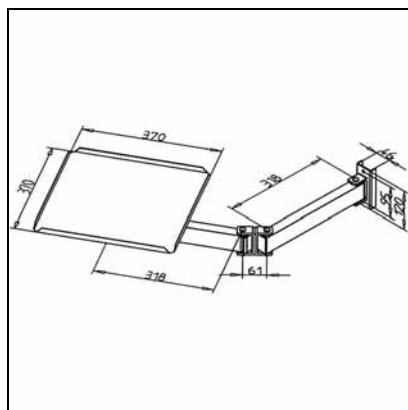
- Tool holder for storage of tools, pins, etc.
- Adjustable bracket

### ASSEMBLY

- Connect with the profile by using fastening kit

## DEPOSITING BOARD/MONITOR SUPPORT ROTATABLE

Part. N° 32.0512/0



### TECHN. DATA/ITEMS SUPPLIED

- Steel, powder-coated, light grey
- Single-hinged version, length 430 mm
- Monitor and keyboard panel rotatable
- Monitor panel: 370 x 370 mm
- Load-carrying capacity max. 15 kg
- ESD on request
- Weight 4,20 kg

### APPLICATIONS

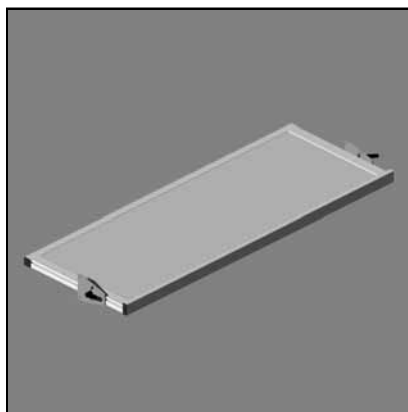
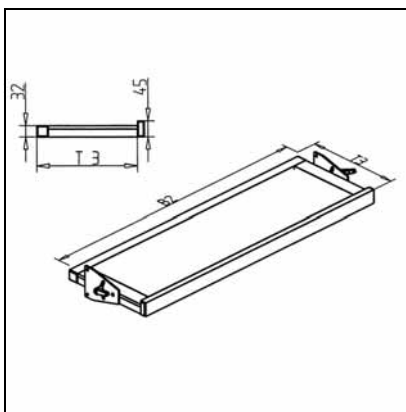
- Provision of IT data, Internet connection

### ASSEMBLY

- Screw tight to portal construction
- Monitor support with keyboard panel: 485 x 190 mm Part. N° 32.0513/0

## DEPOSITING CONSOLE

Part. N° 32.0501/0



## TECHN. DATA/ITEMS SUPPLIED

- |   |       |
|---|-------|
| - Stable frame made of aluminum profiles, anodized E6/EV1 |       |
| - Shelf for cabinet, hardboard, light grey                |       |
| - Front edge 25 mm, set on edge                           |       |
| - Load max  | 40 kg |
| - ESD on request  |       |
| - Please state table width B2 and depth T3                |       |

## APPLICATIONS

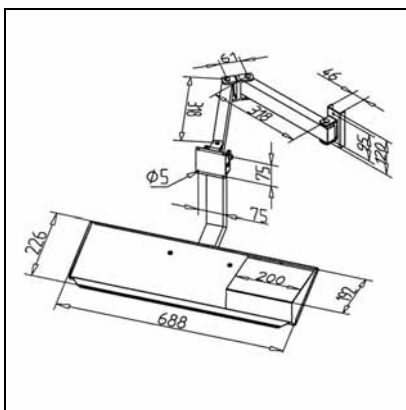
- Continuously inclinable from  $-30^{\circ}$  to  $+30^{\circ}$
- Rack is adjustable

## ASSEMBLY

- Attachment to portal construction with 2 swivel panels

## MONITOR CARRIER WITH KEYBOARD STORAGE TFT

Part. N° 32.0517/0



## TECHN. DATA/ITEMS SUPPLIED

- |  |            |
|--|------------|
| - Steel light grey, powder coated              |            |
| - Monitor and keyboard carrier with mouse rack |            |
| - With double-joint swivelling arm             |            |
| - Load capacity                                | max. 15 kg |
| - Delivered ready to assemble                  |            |
| - ESD on request                               |            |
| - Weight                                       | 7,40 kg    |

## APPLICATIONS

- The mouse rack is shiftable and therefore suitable for right and left-handers

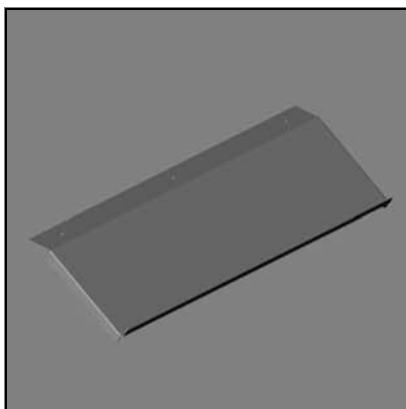
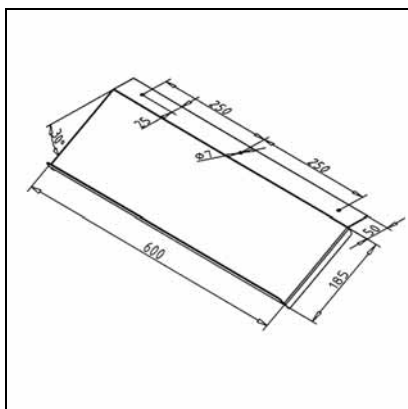
## OTHER VERSIONS

- Monitor Carrier with keyboard storage  
TFT, VESA connection adapter 75 mm,  
**Part. N° 32.0517/0**
- Monitor Carrier with keyboard storage  
TFT, VESA connection adapter 100 mm,  
**Part. N° 32.0517/1**
- Monitor Carrier without keyboard storage  
TFT, VESA connection adapter 75 mm,  
**Part. N° 32.0525/0**
- Monitor Carrier without keyboard storage  
TFT, VESA connection adapter 100 mm,  
**Part. N° 32.0526/0**



## KEYBOARD STORAGE

Part. N° 32.0518/0



### TECHN. DATA/ITEMS SUPPLIED

- Stainless steel 2mm, grounded
- Rustproof
- Load max 15 kg
- For standard keyboards
- Fastening kit
- ESD-capable
- Weight 2,477 kg

### APPLICATIONS

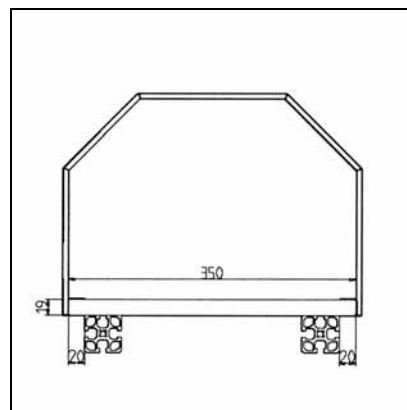
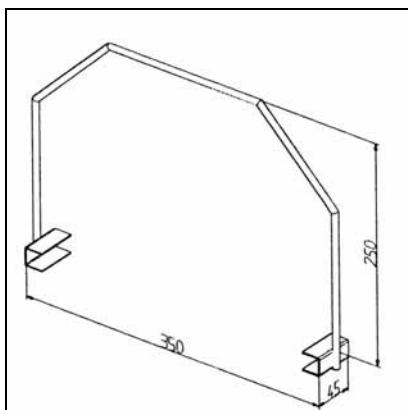
- For setting the keyboard on the workplace

### ASSEMBLY

- Use fastening kit

## STEEL BRACKET 250

Part. N° 32.0533/0



### TECHN. DATA/ITEMS SUPPLIED

- Anthracite coloured, powder-coated steel bracket
- With welded-on clamps for setting on a 19 mm chipboard, for example
- Clamped using pretensioning and can be secured additionally with wood screws
- Weight 0,214 kg

### APPLICATIONS

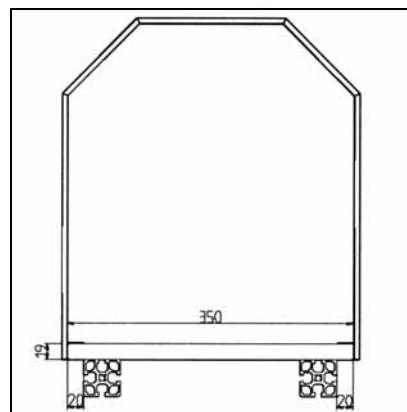
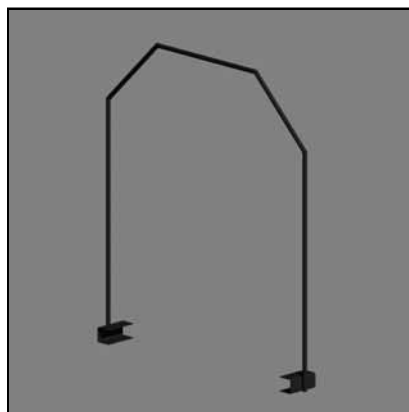
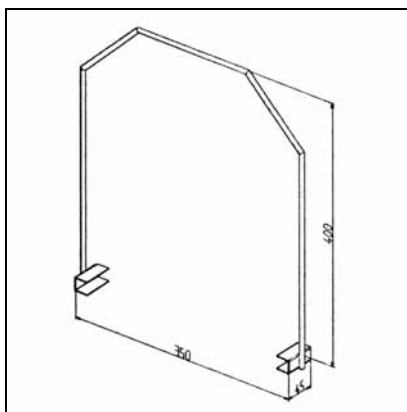
- As separating web for cartons
- Magazine for flat parts

### ASSEMBLY

- Pull apart gently, stick on at the correct position and secure with suitable screw

## STEEL BRACKET 400

Part. N° 32.0534/0



## TECHN. DATA/ITEMS SUPPLIED

- Light-grey, powder-coated steel
- With welded-on clamps for setting on a 19 mm chipboard, for example
- Clamped using pretensioning and can be secured additionally with wood screws
- Weight 0,278 kg

## APPLICATIONS

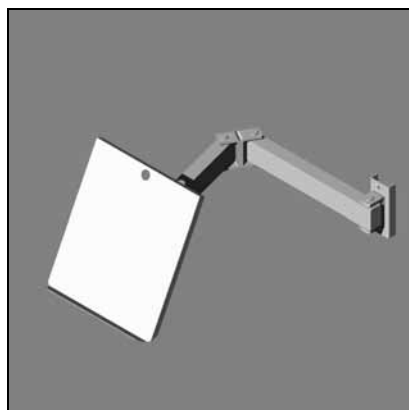
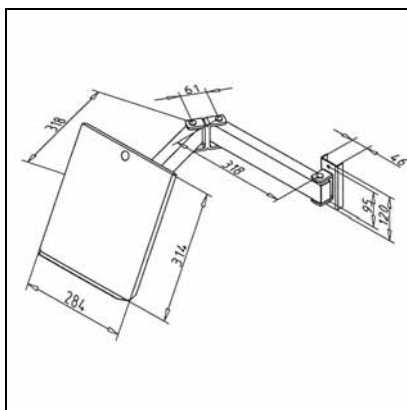
- As separating web for cartons
- Magazine for flat parts

## ASSEMBLY

- Pull apart gently, stick on at the correct position and secure with suitable screw

## DRAWING HOLDER

Part. N° 32.0608/0



## TECHN. DATA/ITEMS SUPPLIED

- Steel light grey, powder coated
- With double-joint swivelling arm
- For DIN A4 format
- Load capacity max. 15 kg
- Delivered ready to assemble
- ESD on request
- Weight 4,00 kg

## APPLICATIONS

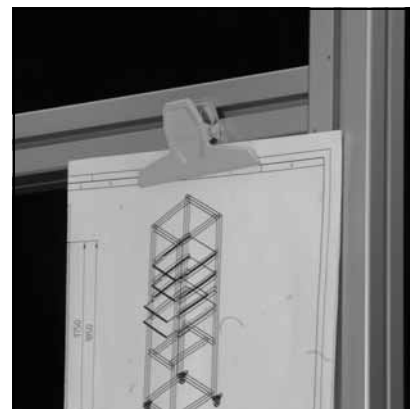
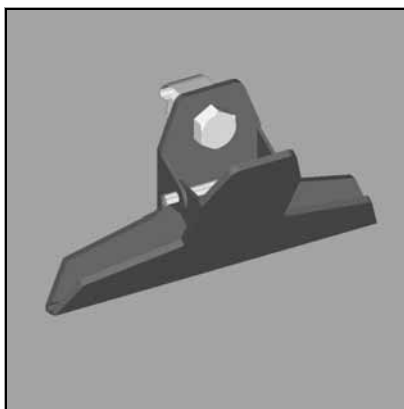
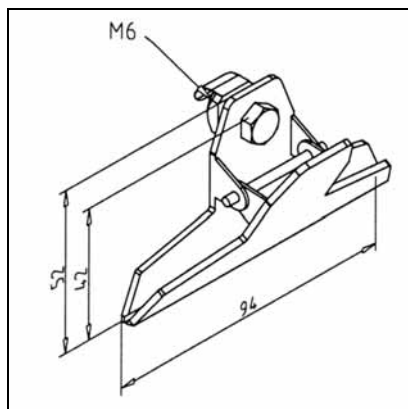
- For documents, control charts and drawings

## ASSEMBLY

- Fasten onto portal structure

## DOCUMENT CLIP

Part. N° 32.0609/0



## TECHN. DATA

- Steel light grey, powder coated
- With fastening bore  $\varnothing 6$
- Width x height 94 x 52 mm
- Weight 0,048 kg

## APPLICATIONS

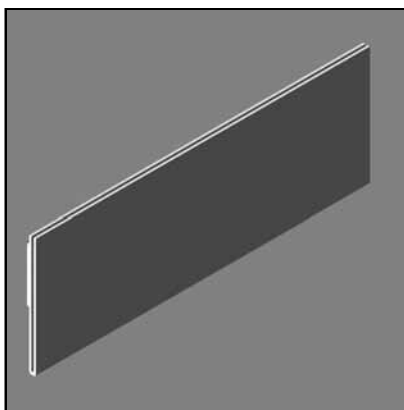
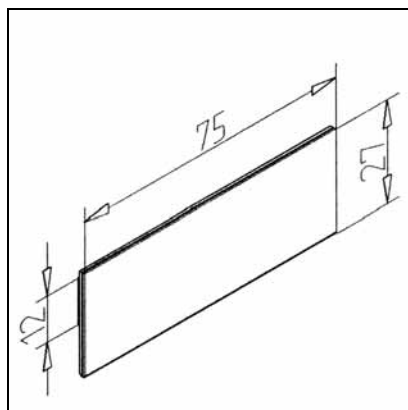
- To clamp documents

## ASSEMBLY

- Insert square nut in to profile groove and fasten with the screw

## QUICK LABEL 27X75

Part. N° 32.0601/0



## TECHN. DATA / ITEMS SUPPLIED

- Front, transparent
- Back, self-adhesive
- Open at the sides and on top
- Weight 0,003 kg

## APPLICATIONS

- Storage compartment identification
- Error-free barcode scanning
- For profile width 32

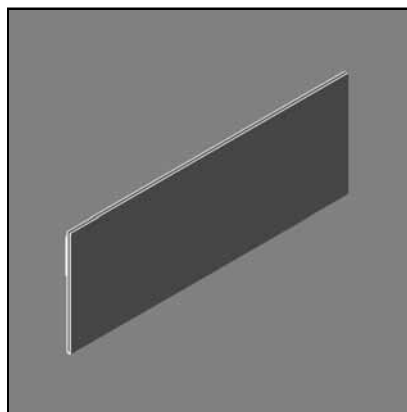
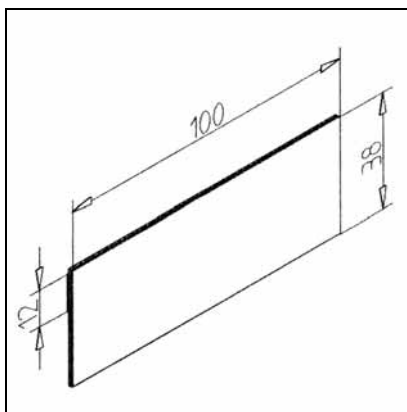
## ASSEMBLY

- Attach with self-adhesive back
- Push in carton insert
- Carton insert not included, please order a sheet with 20 pieces separately  
**Part. N° 32.0601/1**



## QUICK LABEL 38X100

Part. N° 32.0602/0



### TECHN. DATA / ITEMS SUPPLIED

- Front, transparent
- Back, self-adhesive
- Open at the sides and on top
- Weight 0,007 kg

### APPLICATIONS

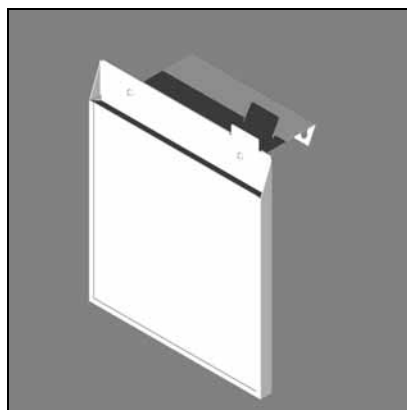
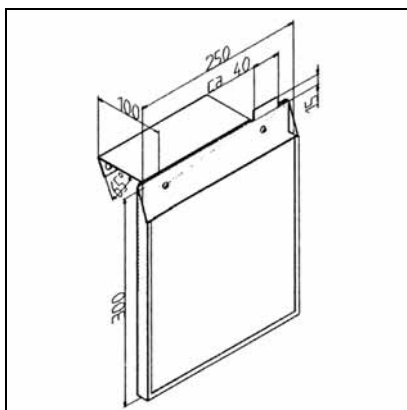
- Storage compartment identification
- Error-free barcode scanning
- For profile width 45

### ASSEMBLY

- Attach with self-adhesive back
- Push in carton insert
- Carton insert not included, please order a sheet with 14 pieces separately  
**Part. N° 32.0602/1**

## SEMI-OPEN COMPARTMENT BASE ELEMENT

Part. N° 32.0615/0



### TECHN. DATA

- Steel light grey, powder coated
- With fastening bores Ø 9, spacing 160 mm
- Optical edge 45 mm for optimum overview
- Filling capacity = 15 mm, sufficient for approx. 120 sheets of paper
- With grey closing plate
- Weight 0,634 kg

### APPLICATIONS

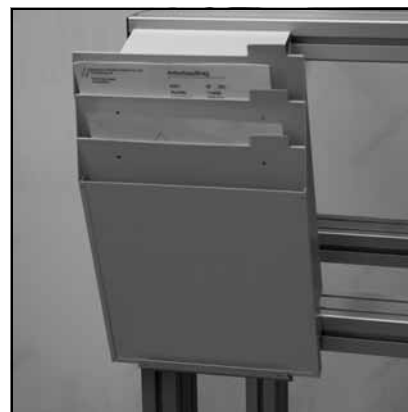
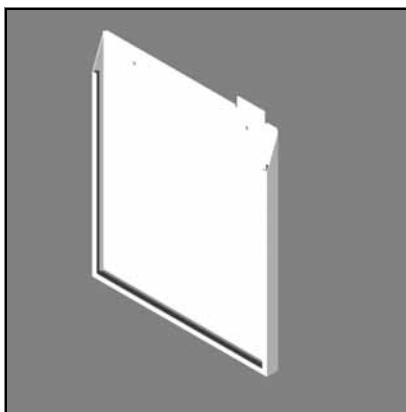
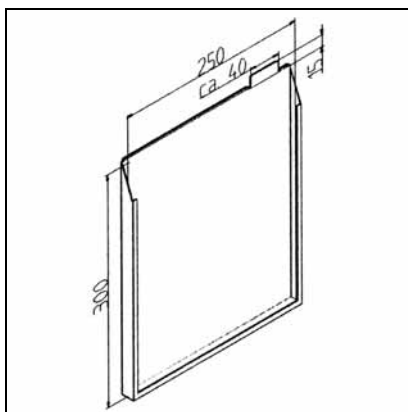
- For size DIN A4 documents

### ASSEMBLY

- Fasten onto portal structure
- Expandable at any time with  
**Part. N° 32.0616/0**
- To expand, remove front plate and add the last expansion element

## SEMI-OPEN COMPARTMENT EXPANSION ELEMENT

Part. N° 32.0616/0



## TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey
- Filling capacity = 15 mm
- Weight 0,392 kg

## APPLICATIONS

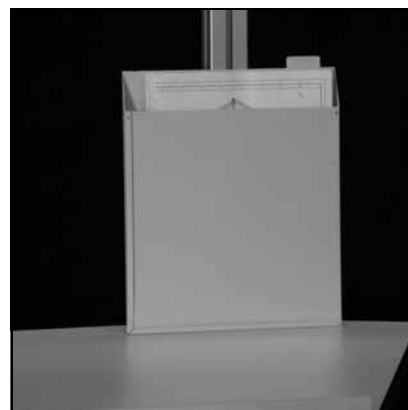
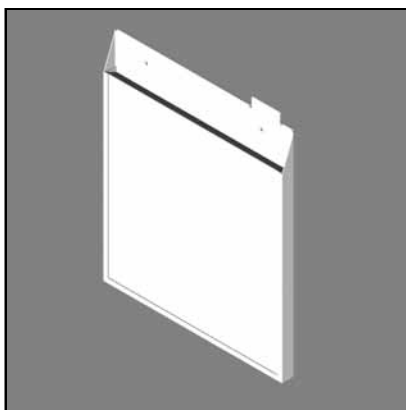
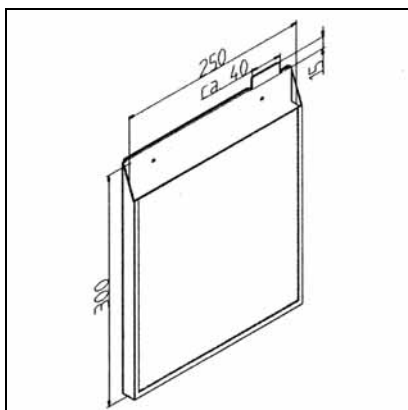
- For DIN A4 portrait format

## ASSEMBLY

- Mount on semi-open compartment base element Part. N° 32.0615/0

## SEMI-OPEN COMPARTMENT, SINGLE

Part. N° 32.0617/0



## TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey
- With fastening holes Ø 4 mm, spacing approx. 16 mm
- With grey closing plate
- Weight 0,50 kg

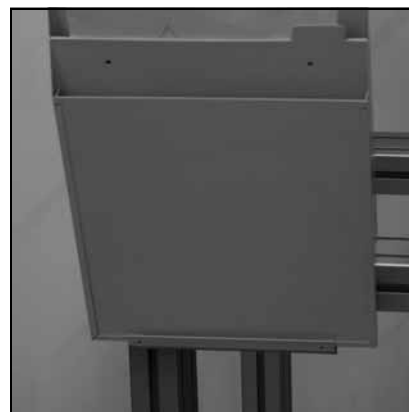
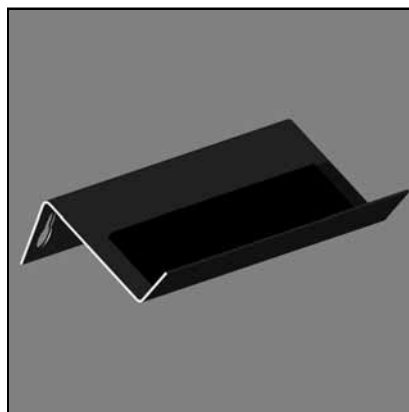
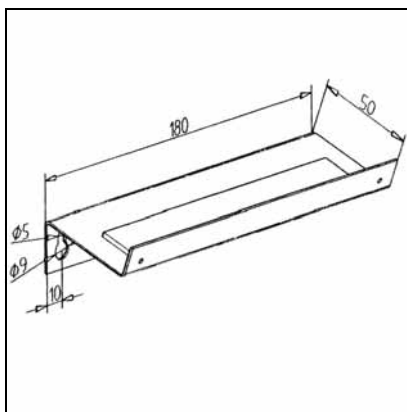
## APPLICATIONS

- For DIN A4 portrait format

## ASSEMBLY

- Fasten on portal structure or use as expansion element for the base element

## ADDITIONAL ANGLE FOR SEMI-OPEN COMPARTMENT Part. N° 32.0618/0



### TECHN. DATA/ITEMS SUPPLIED

- Steel light grey, powder coated
- With magnet strips
- Weight 0,123 kg

### APPLICATIONS

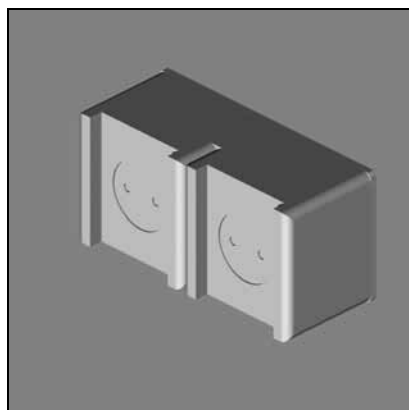
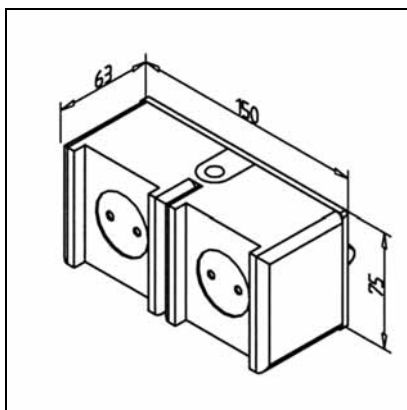
- For additional stabilisation on the bottom edge of the semi-open compartments

### ASSEMBLY

- Fasten onto portal structure

## HORIZONTAL DOUBLE OUTLET

Part. N° 32.0774/0



### TECHN. DATA/ITEMS SUPPLIED

- Schuko outlet 10/16 A 250 V
- IP 44 shatter-proof
- Housing 75 x 151 x 58 mm
- Fastening kit
- With adapter plates and screws
- Weight 0,389 kg

### APPLICATIONS

- For power supply at the workplace

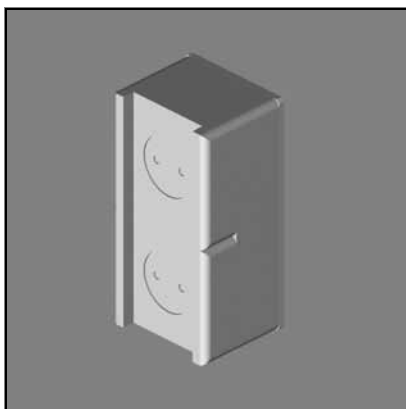
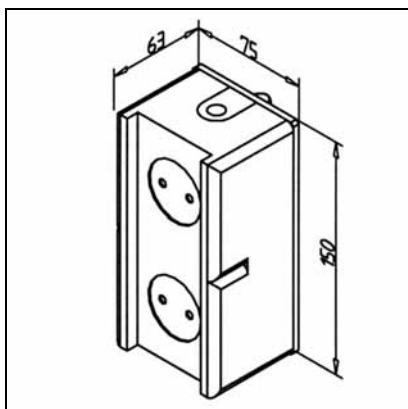
### ASSEMBLY

- Fix adapter plate to the profile
- Fasten double outlet to the adapter plate
- Electrical connections for clamping



## VERTICAL DOUBLE OUTLET

Part. N° 32.0773/0



### TECHN. DATA/ITEMS SUPPLIED

- Schuko outlet 10/16 A 205V
- IP 44 shatter-proof
- Housing 75 x 151 x 58 mm
- Fastening kit
- With adapter plates and screws
- Weight 0,389 kg

### APPLICATIONS

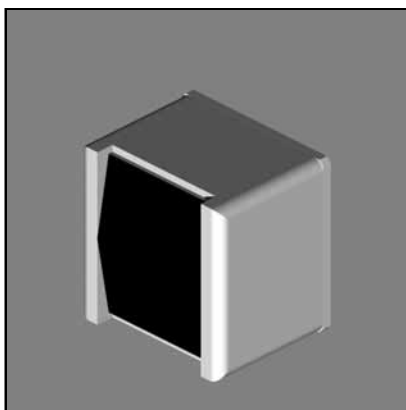
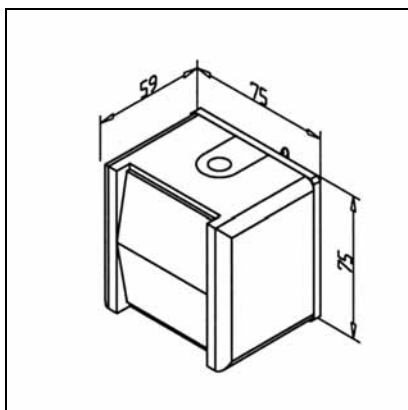
- For power supply at the workplace

### ASSEMBLY

- Fasten adapter plate onto profile
- Fasten double outlet on the adapter plate

## TWO-WAY SWITCH

Part. N° 32.0770/0



### TECHN. DATA/ITEMS SUPPLIED

- ON/OFF/two-way switch
- 10A x 250V
- Housing 75 x 75 x 58 mm
- Fastening kit
- With adapter plates
- Weight 0,211 kg

### APPLICATIONS

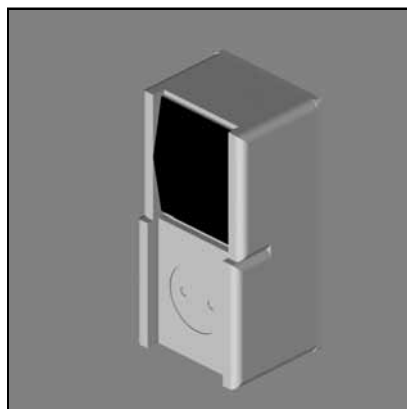
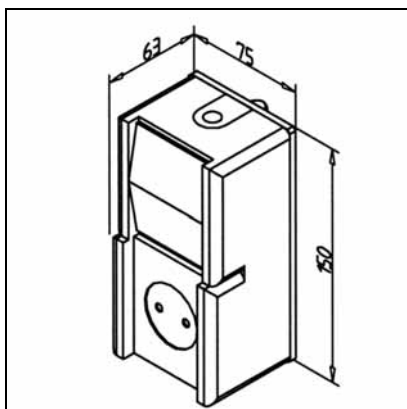
- To switch-on and switch-off lamps

### ASSEMBLY

- Fasten the adapter plate onto profile
- Fasten the two-way switch on the adapter plate

## TWO-WAY SWITCH/OUTLET

Part. N° 32.0772/0



### TECHN. DATA/ITEMS SUPPLIED

- ON/OFF/two-way switch, 10A x 250V
- Schuko 10/16 A 250 V
- Housing 75 x 151 x 58 mm
- Fastening kit
- With adapter plates
- Weight 0,389 kg

### APPLICATIONS

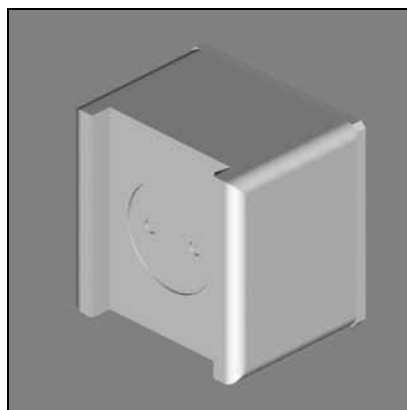
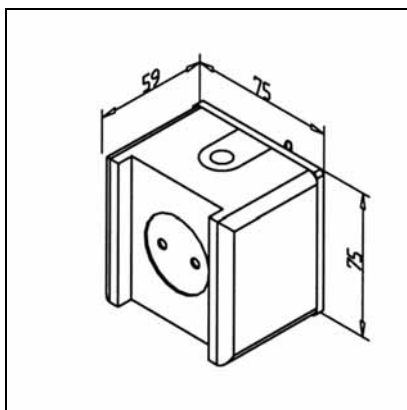
- To switch-on and switch-off lamps

### ASSEMBLY

- Fasten the adapter plate onto profile
- Fasten the two-way switch on the adapter plate

## OUTLET

Part. N° 32.0771/0



### TECHN. DATA/ITEMS SUPPLIED

- Schuko 10/16 A 250 V
- IP 44 shatter-proof
- Housing 75 x 75 x 58 mm
- With adapter plates and screws
- Weight 0,211 kg

### APPLICATIONS

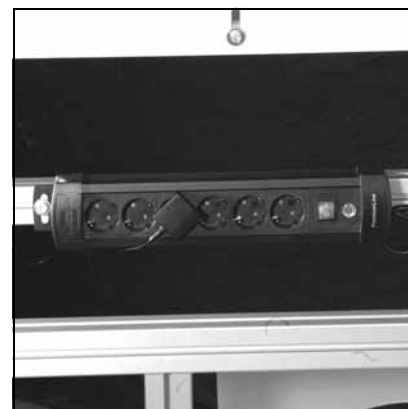
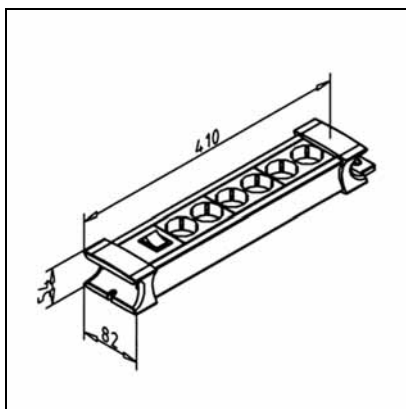
- For power supply at the workplace

### ASSEMBLY

- Fasten the adapter plate onto profile
- Fasten double outlet to the adapter plate

## PROFESSIONAL MULTIPLE-SOCKET OUTLET, 6-FOLD

Part. N° 32.0701/0



### TECHN. DATA/ITEMS SUPPLIED

- Central rocker switch for On/Off
- Rocker switch, illuminated
- Cable length 3 m
- Max. 3500W / 16A / 230V
- Weight 0,8 kg
- Hex socket cap screw M5 x 16
- Square nut M5 x 13 with spring plate
- Grommet 5

### APPLICATIONS

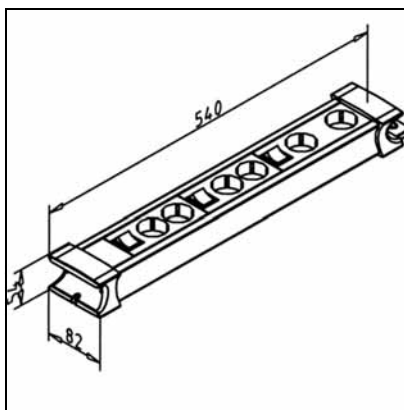
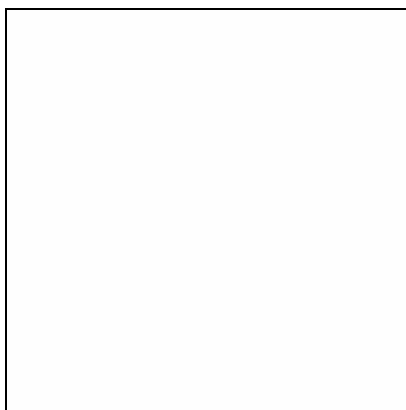
- Oblique socket arrangement

### ASSEMBLY

- Hex socket cap screw M5 x 16
- Square nut M5 x 13 with spring plate

## PROFESSIONAL MULTIPLE-SOCKET OUTLET, 6-FOLD

Part. N° 32.0702/0



### TECHN. DATA/ITEMS SUPPLIED

- 2 pieces of equipment each can be switched on and off, two-pole
- Rocker switch, illuminated
- Cable length 3 m
- Max. 3500W / 16A / 230V
- Weight 0,89 kg

### APPLICATIONS

- Oblique socket arrangement

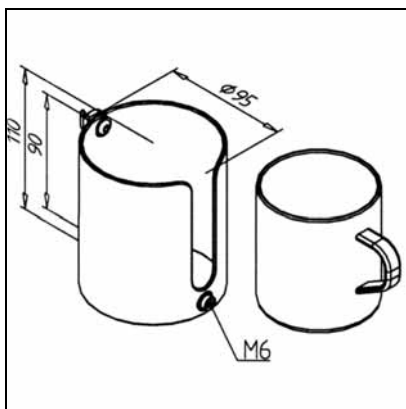
### ASSEMBLY

- Hex socket cap screw M5 x 16
- Square nut M5 x 13 with spring plate
- Grommet 5



## CUP HOLDER

Part. N° 32.0544/0



## TECHN. DATA/ITEMS SUPPLIED

- Cup holder aluminium anodized
- Cup with MiniTec company logo
- With fastening kit
- Weight 0,580 kg

## APPLICATIONS

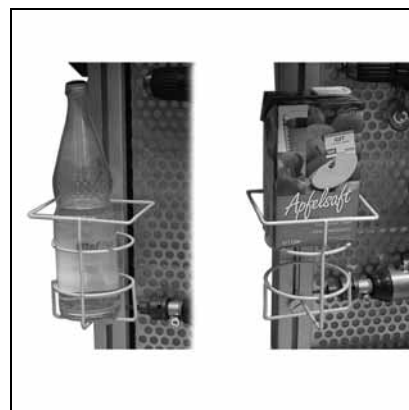
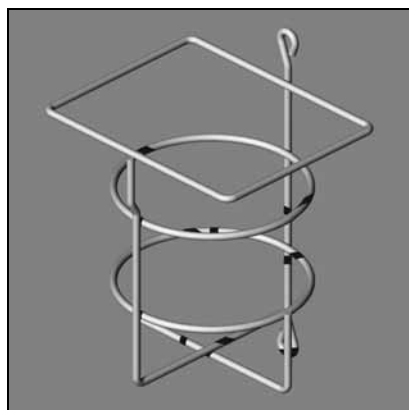
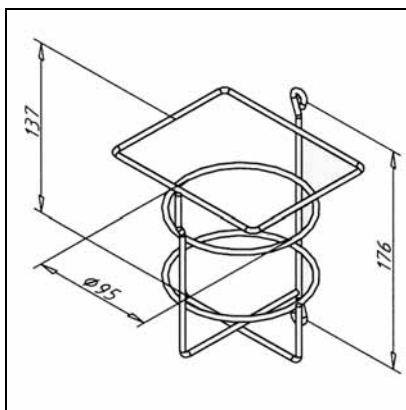
- Cup or bottle holder for workplace systems
- With cut-out for cup handle

## ASSEMBLY

- Screw on profile constructions by using fixing kit

## BOTTLE/BEVERAGE BAG HOLDER

Part. N° 32.0507/0



## TECHN. DATA/ITEMS SUPPLIED

- Steel wire, coated light grey
- Inner Ø 95 mm
- 2 bolts M6 x 16
- 2 square nuts M6 with spring plate

## APPLICATIONS

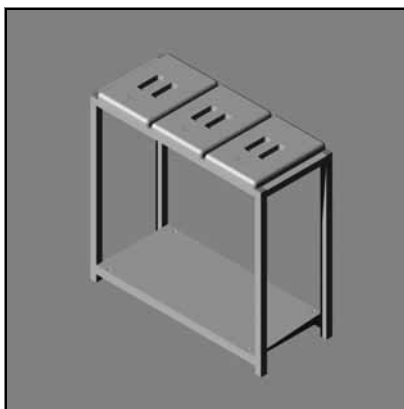
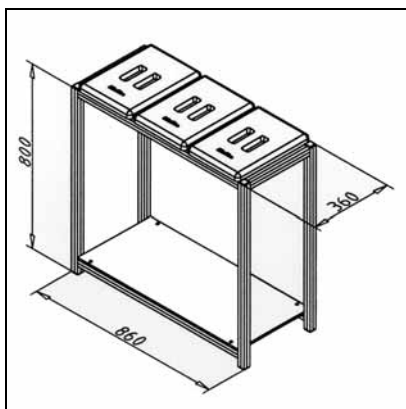
- Commercially available beverage bottles and beverage bags

## ASSEMBLY

- Screw on with fastening kit

## RECYCLABLE MATERIAL COLLECTOR

Part. N° 29.0022/0



### TECHN. DATA/ITEMS SUPPLIED

- Rugged frame made of profile 30 x 30, anodized E6/EV1
- With shelf for cabinet
- 3 covers ABS, grey
- Mounted ready-for-use
- Weight 3,4 kg

### APPLICATIONS

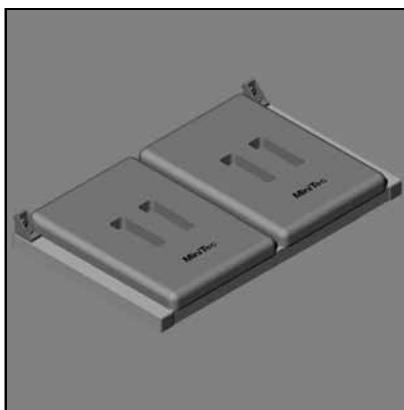
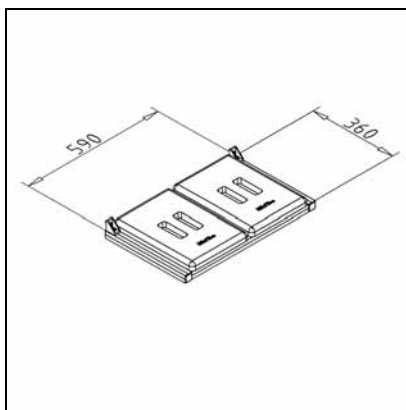
- For separate collection of 3 kinds of recyclable materials
- Just put plastic bags over the screw heads
- Also suitable for outdoor deployment

### ASSEMBLY

- According to enclosed installation instructions

## RECYCLABLE MATERIAL COLLECTOR FOR ATTACHMENT

Part. N° 32.0024/0



### TECHN. DATA/ITEMS SUPPLIED

- Frame made of profile 30 x 30, anodized E6/EV1
- 2 covers ABS, grey
- 2 mounting angles 25
- Weight 1,915 kg

### APPLICATIONS

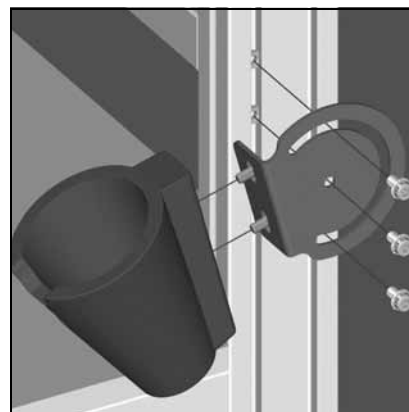
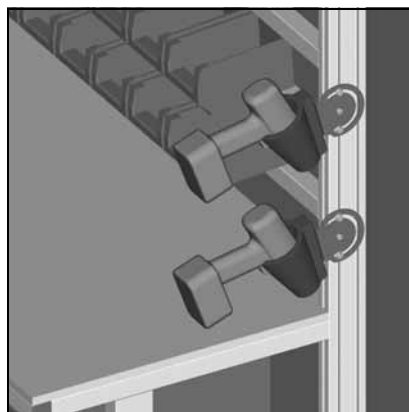
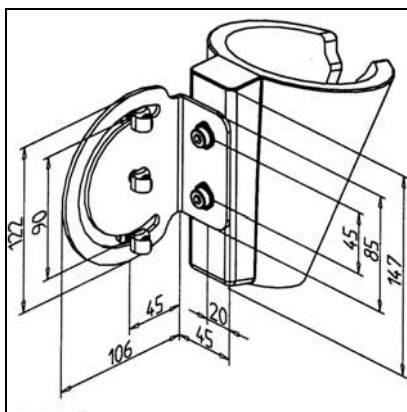
- For separate collection of 2 kinds of recyclable materials
- Just put plastic bags over the screw heads

### ASSEMBLY

- Attach to profile frame with fastening material included

## TOOL CASE S AS SET

Part. N° 26.3001/0



### TECHN. DATA / ITEMS SUPPLIED

- Tool case
- Swiveling holder
- Fastening kit
- Colour: black / grey
- Weight 0,83 kg

### APPLICATIONS

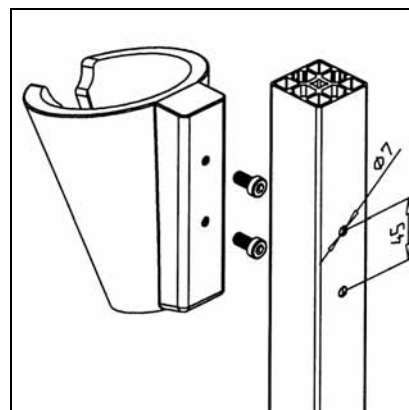
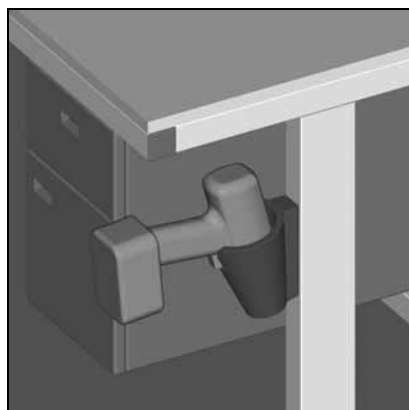
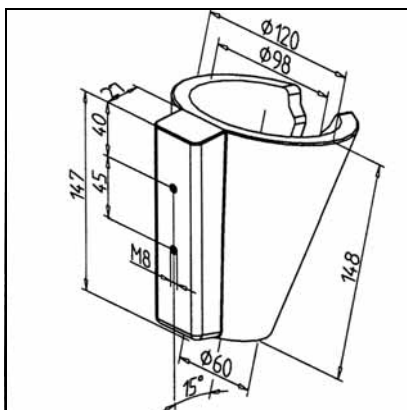
- For secure storage of drills, battery-operated screwdrivers and other tools
- Adjustable angle bracket

### ASSEMBLY

- Attached to the brace profile with supplied fastening materials

## TOOL CASE S

Part. N° 26.3001/1



### TECHN. DATA / ITEMS SUPPLIED

- Rubber, black
- Weight 0,49 kg

### APPLICATIONS

- For secure storage of drills, battery-operated screwdrivers and other tools

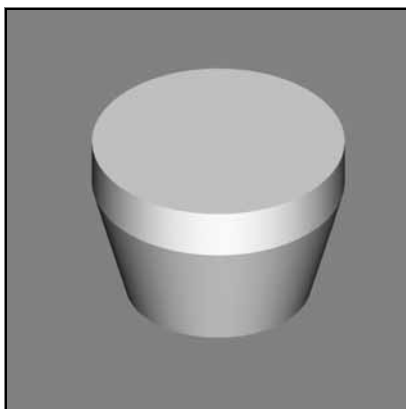
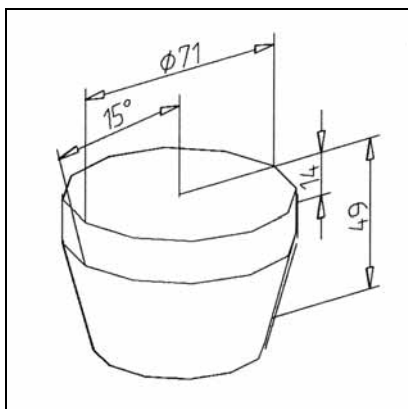
### ASSEMBLY

- Make 2 through holes, diameter 7, spacing 45 in the profile
- Fasten with M8 x 16 bolts



## ADAPTER FOR TOOL QUIVER

Part. N° 26.3002/0



### TECHN. DATA / ITEMS SUPPLIED

- Moulded part made of natural polyamide
- Please quote diameter of the tool

### APPLICATIONS

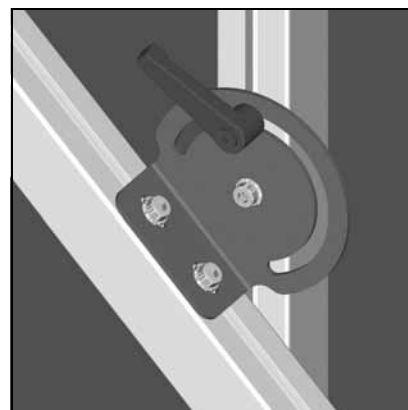
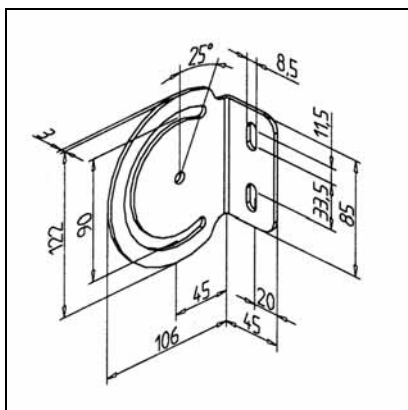
- Adapter for motorised screwdriver, special screwdriver, compressed air screwdriver

### ASSEMBLY

- Press into tool quiver

## PIVOTING HOLDER

Part. N° 26.3001/2



### TECHN. DATA / ITEMS SUPPLIED

- Steel
- Powder coated RAL 7012
- Weight 0,285 kg

### APPLICATIONS

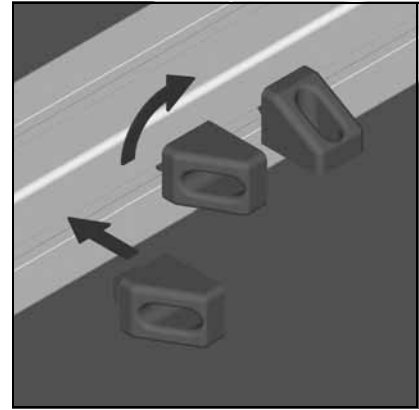
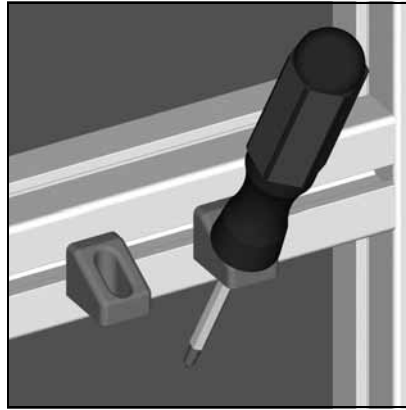
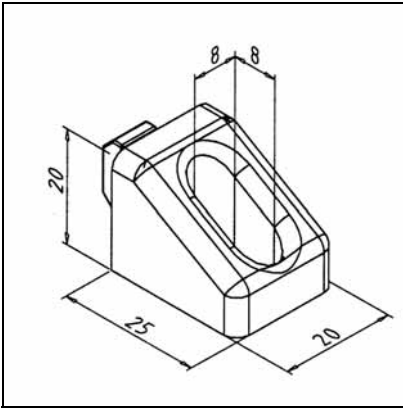
- For pivoting fastening of tool cases, profiles or storage units

### ASSEMBLY

- Fasten with M8 x 16 or clamping lever and M8 square nut

# SCREWDRIVER HOLDER

Part. N° 32.0502/0



## TECHN. DATA / ITEMS SUPPLIED

- |                  |          |
|------------------|----------|
| - PA 6, RAL 7012 |          |
| - Weight         | 0,006 kg |

## APPLICATIONS

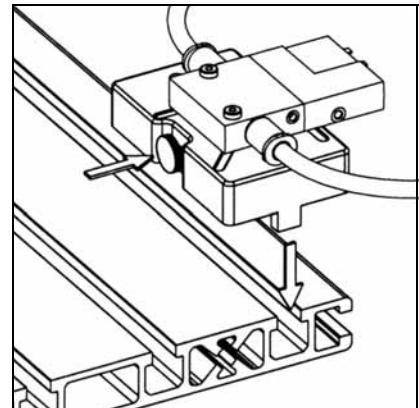
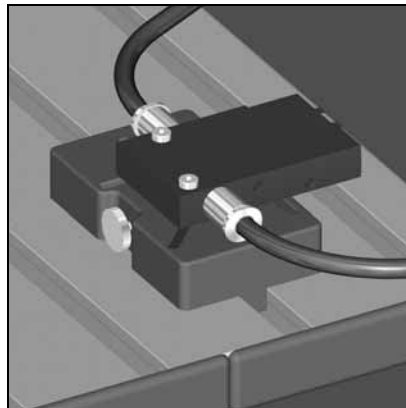
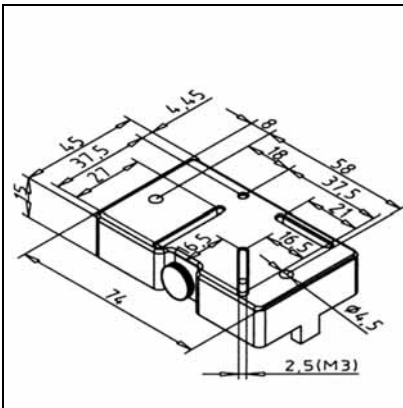
- Ergonomic storage of screwdrivers at the workbench

## ASSEMBLY

- Push into the groove and then turn 90°

## UNIVERSAL CLAMPING SOCKET

Part. N° P20.060/0



## TECHN. DATA/ITEMS SUPPLIED

- |                |          |
|----------------|----------|
| - Case PA 6 GF |          |
| - Button steel |          |
| - Weight       | 0,037 kg |

## APPLICATIONS

- For assembly of pneumatic switches for learning and training purposes
- To fasten diverse pneumatic switches
- Fastening of valves including those from different manufacturers

## ASSEMBLY

- Simple pneumatic accessories fastened with M3 screws (not in scope of delivery) onto the clamping socket
- By pressing the button, the clamping socket can be fit into the slot
- When released, it is automatically indexed



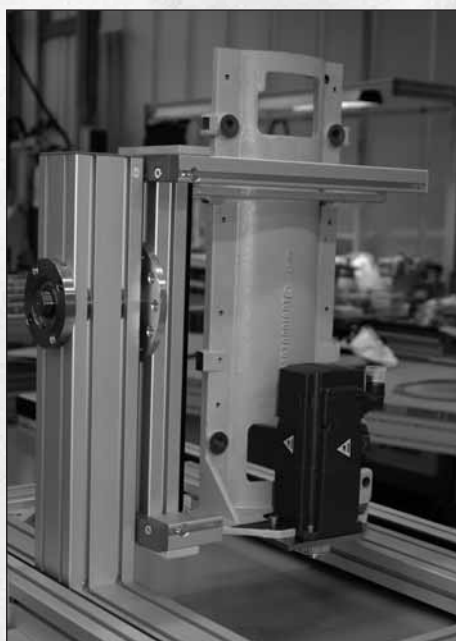


MOUNTING DEVICE



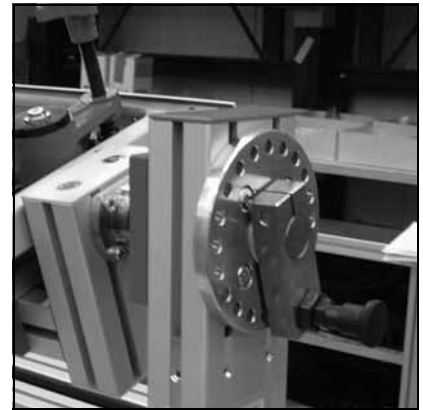
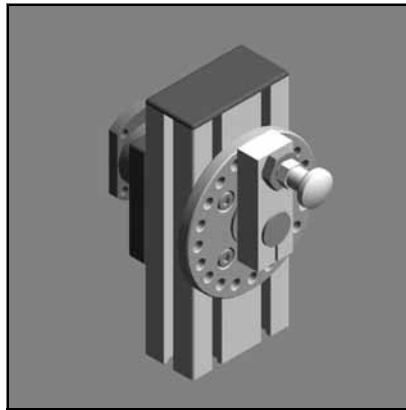
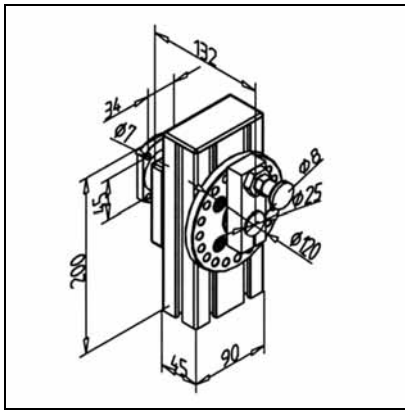
## MOUNTING DEVICES

When the development assembly equipment, along with reduction of tooling times, also the increase of the reusability, i.e. the flexibility, is important. In combination with the Minitec profile system, adaptability is always granted in matters of differing workpieces with simultaneously low tooling effort and minimum tooling time.



## TURNING DEVICE 45X90

Part. N° 32.2011/0



## TECHN. DATA / ITEMS SUPPLIED

- Load max.	1500 N
- M max	150 Nm
- 18° increments	
- Indexing bolt with lock	
- Bearing using 2 slide bushings	

## APPLICATIONS

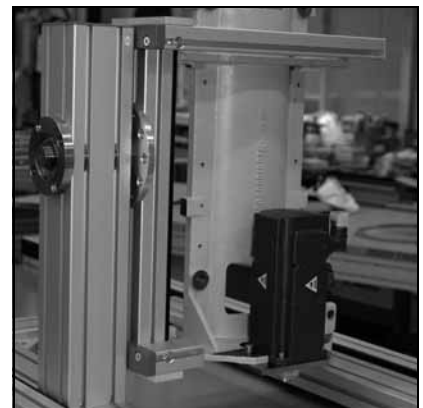
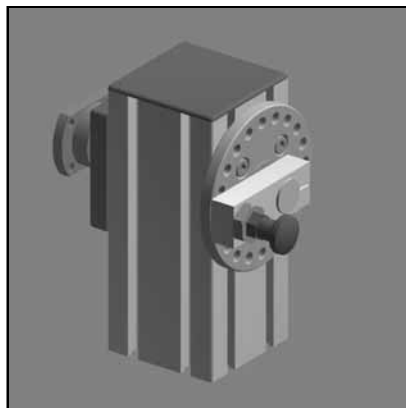
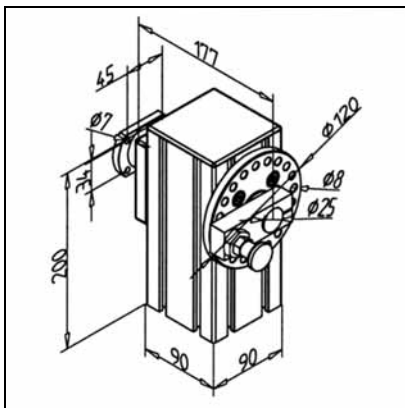
- Positioning of components for installation purposes with repeatable accuracy
- Remote controlled pneumatic locking on request

## ASSEMBLY

- Fastening with terminal strip as profile extension or profile connector
- Clearance and turning position adjustable using clamp connection

## TURNING DEVICE 90X90

Part. N° 32.2010/0



## TECHN. DATA / ITEMS SUPPLIED

- Load max.	1500 N
- M max	150 Nm
- 18° increments	
- Indexing bolt with lock	
- Bearing using 2 slide bushings	
- 4 T-slot bars for installation on profile construction	

## APPLICATIONS

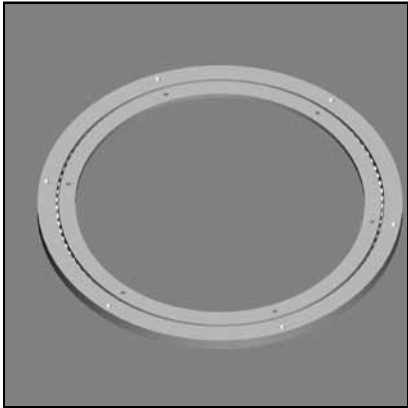
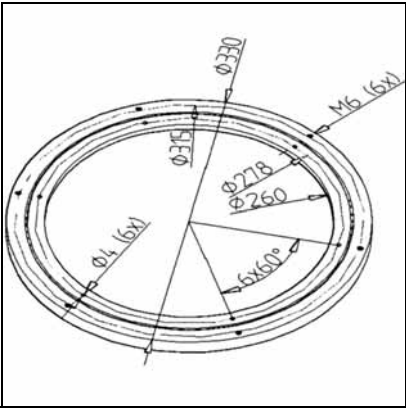
- Positioning of components for installation purposes with repeatable accuracy
- Remote controlled pneumatic locking on request

## ASSEMBLY

- Fastening with terminal strip as profile extension or profile connector
- Clearance and turning position adjustable using clamp connection

ROTATING ASSEMBLY

Part. N° 32.2005/0



TECHN. DATA / ITEMS SUPPLIED

- Rotation assembly of zinc die casting with steel balls
- Axial load up to 300 kg
- ESD capable
- Ø 330 x 13.5 mm
- Low maintenance
- Aluminium circular blanks on request

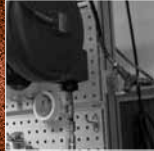
APPLICATIONS

- Industrial application in furniture and display construction, simple turning devices for assembly equipment

ASSEMBLY

- Mount the holes D=4 mm to the profile frame or the tabletop
- Mount rotary plate or similar to the outside ring







## PNEUMATIC SYSTEM

Compressed air is frequently used in workplace systems for the operation of pneumatic cylinders in assembly auxiliary equipment or to drive compressed air tools.

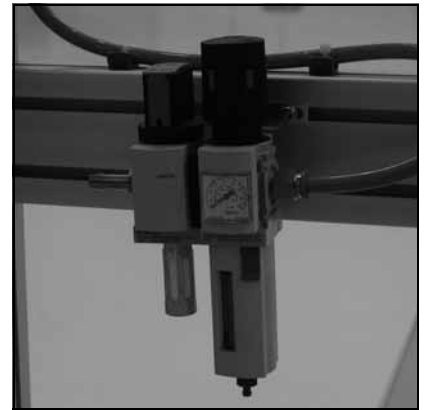
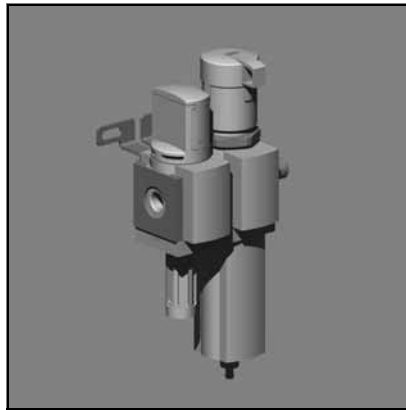
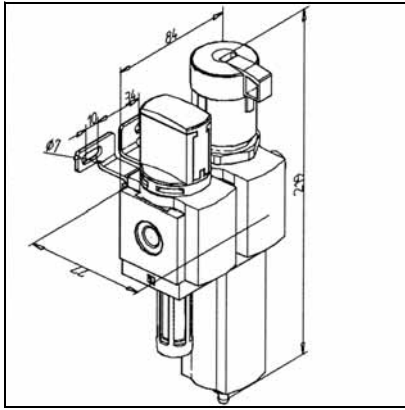
We provide the basic equipment for a workplace.

To minimize contamination at the workplace and to keep the risks to the health of the employees as low as possible, one should principally try to work with clean, purified and dry compressed air.



## FILTER REGULATOR AND MANUAL START-UP VALVE

Part. N° 32.0580/0



### TECHN. DATA / ITEMS SUPPLIED

- The compressed air service module consists of: Manual start-up valve with ventilation via filter, filter regulator, rotary knob with integrated lock and manometer

- Filter mesh 40  $\mu\text{m}$
- Condensate drain
- Pressure control range: 1-12 bar
- Connection inlet 1/4" thread
- Connection outlet connector system hose D=10 mm
- Standard nominal flow 800 - 1,400 l/min
- Weight 0,555 kg

### APPLICATIONS

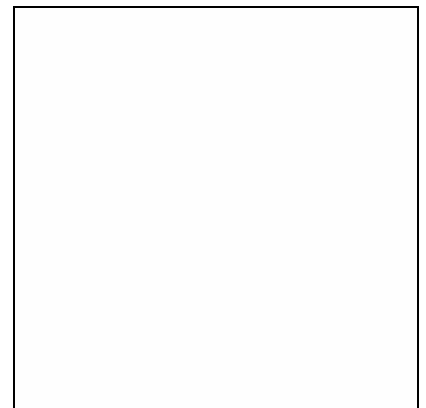
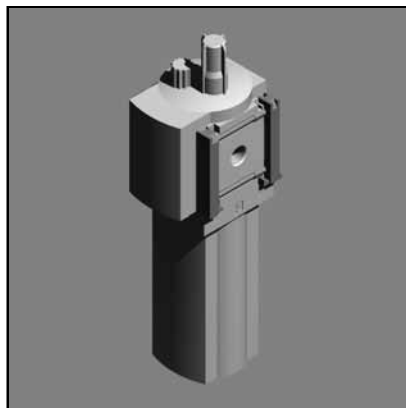
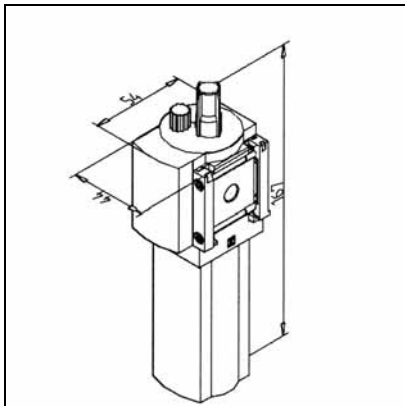
- Compressed air provision on the work table

### ASSEMBLY

- 2x hex socket screws M6x12  
Part. N° 21.1143/0
- 2 x square nuts M6x13 with spring plate  
Part. N° 21.1330/2

## LUBRICATOR

Part. N° 32.0581/0



### TECHN. DATA / ITEMS SUPPLIED

- Proportional lubricator with precise oil dosing
- Easy and fast to refill
- Weight 0,23 kg

### APPLICATIONS

- Micro-mister lubricator for compressed air

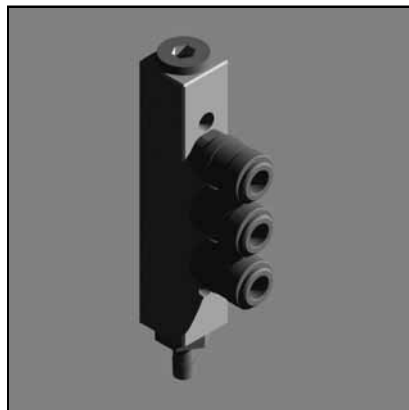
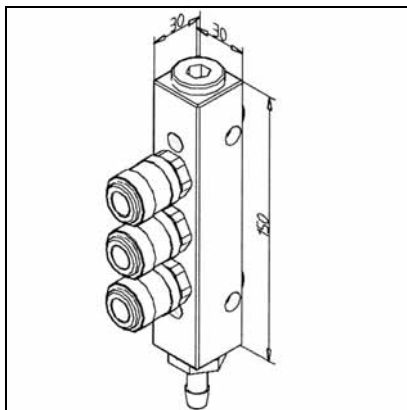
### ASSEMBLY

- Fasten onto filter regulator with included coupling package



## PNEUMATIC 3-WAY DISTRIBUTOR

Part. N° 32.0901/0



### TECHN. DATA / ITEMS SUPPLIED

- Aluminium housing
- 1x connection hose nozzle for hose NW 9
- 3x quick-connect NW 7
- Operating range 0-10 bar
- Temperature range -10 to +70°C
- Connection with push-on fitting on request

### APPLICATIONS

- Compressed air distribution at the workplace
- Fast connection and disconnection of pressurized compressed air lines
- Plug nipple rotatable in the coupling

### ASSEMBLY

- Attach to profile with accessories of scope of supply
- Push on hose and secure with suitable hose clamp







## ESD-ACCESSORIES

ESD (Electro Static Discharge) is the electrostatic discharge of charged objects or persons caused by direct contact or sparks. The reasons for ESD are electric charges that are generated by charge shifting or electrostatic induction in electric fields.

Reasons for this charging are for example:

- persons and their clothing
- workplaces including floors
- packaging constructions and tools

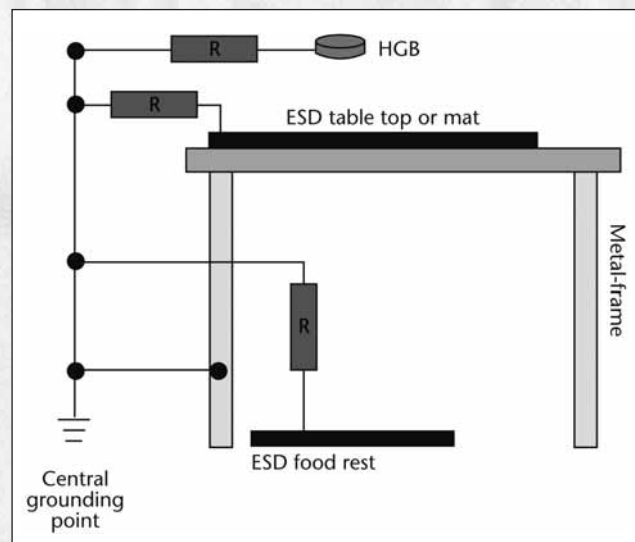


EGB - electrostatic endangered components, particularly semi-conductor components

ESDS - safety measures for electrostatic endangered components

To guarantee a safe protection of electrostatic endangered components and devices all components have to be conductible connected and the whole construction has to be grounded.

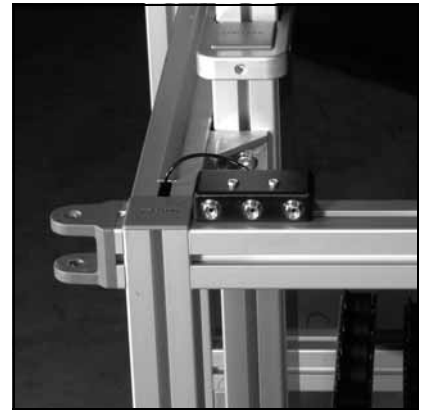
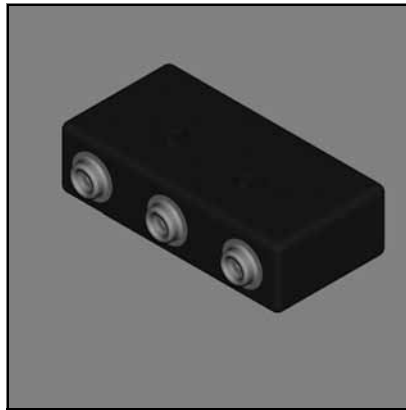
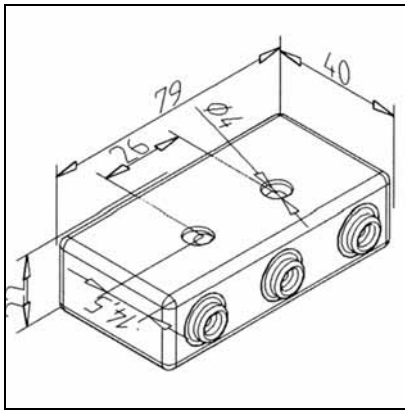
Demonstration of the single components using the example of a MiniTec-System workplace.





## ESD EARTHING BOX

Part. N° 32.1002/0



### TECHN. DATA / ITEMS SUPPLIED

- As earth connection point for personnel earthing
- Earthing wire 2m length
- Connection type: 4mm eye
- Per connection 1 MOhm fuse
- 3x 10 mm push button connection

### APPLICATIONS

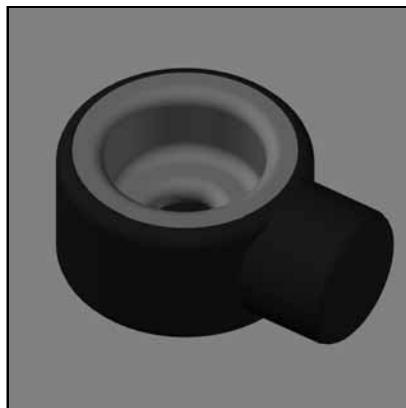
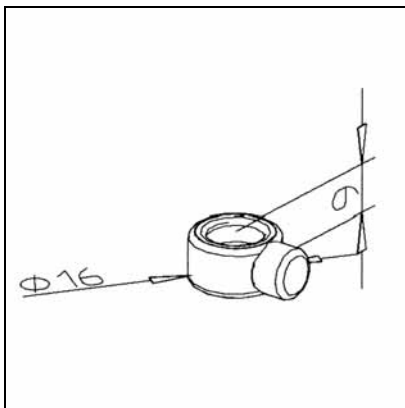
- Earth connection point EBP for personnel grounding

### ASSEMBLY

- Fasten with chipboard screws  $\varnothing$  4x30 to tabletop
- Fasten with cyl. screw M4x30  
Part. N° 21.1285/0 and 2x slide nuts M4  
Part. N° 21.1310/2 to the profile

## EARTH LEAD ESD

Part. N° 32.1004/0



### TECHN. DATA / ITEMS SUPPLIED

- 1 MOhm fuse
- 10 mm push button / 4 mm eye
- Length: 3 m

### APPLICATIONS

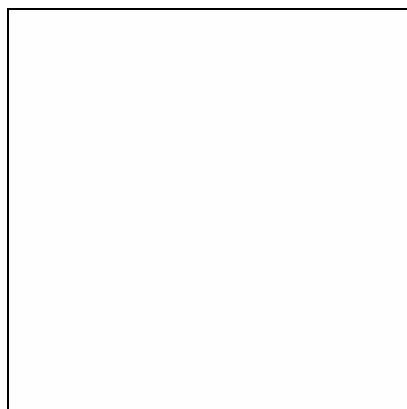
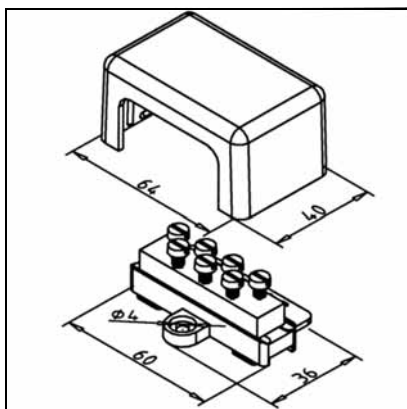
- For table and floor coverings

### ASSEMBLY

- Connect to central grounding strip  
Part. N° 32.1003/0
- Clip onto table pad

## CENTRAL EARTHING BOX ESD

Part. N° 32.1003/0



## TECHN. DATA / ITEMS SUPPLIED

- Terminal strip for connection of max. 7 grounding wires
- With screw connections for lugs with 4 mm eye

## APPLICATIONS

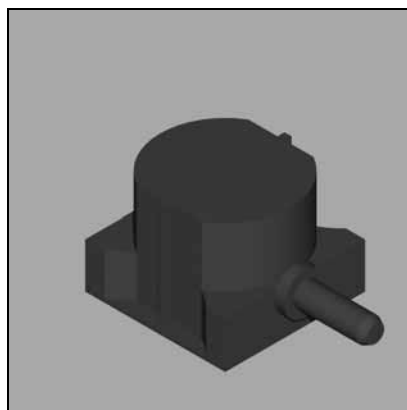
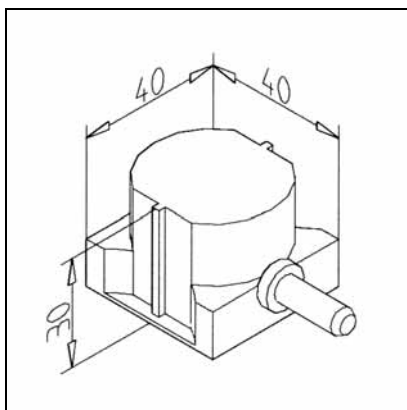
- Suitable for connecting grounding wires to ESD or protective earth

## ASSEMBLY

- Attach to the tabletop with accessories from scope of supply

## DUMMY PLUG WITHOUT RESISTOR

Part. N° 32.1001/0



## TECHN. DATA / ITEMS SUPPLIED

- Dummy plug for Schuko outlet
- With 2m smooth cable
- Connection type: 4 mm eye, without resistor

## APPLICATIONS

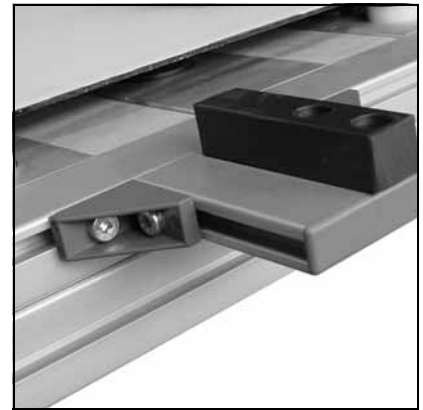
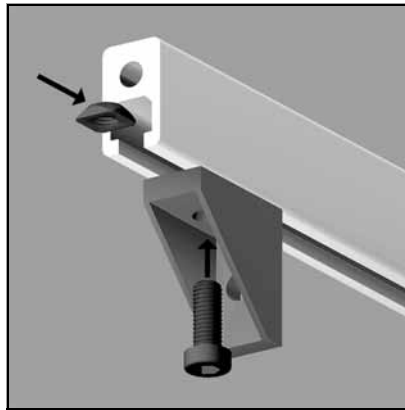
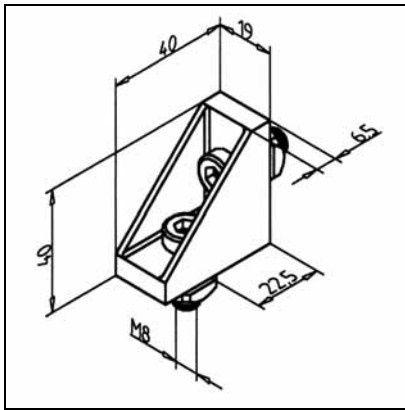
- For direct grounding from tabletop and floor coverings or the central earthing strip

## ASSEMBLY

- Connect to central grounding strip **Part. N° 32.1003/0**
- Plug into suitable Schuko outlet

## MOUNTING BRACKET 19 GD CONDUCTIVE

Part. N° 21.1107/6



### TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD
- Fastening kit
- Weight 0,033 kg

### APPLICATIONS

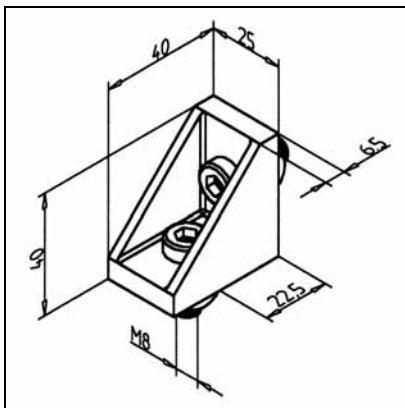
- Connection of profiles 19 and 32
- Subsequent fitting of profiles into existing constructions, displaceable in direction of the groove
- Fixing of supports

### ASSEMBLY

- Use fastening kit
- In case of mounting into vertical profiles, the use of square-nut M8 with position-fixing Part. N° 21.1390/2 is recommended
- Recommended locking torque 20 Nm

## MOUNTING BRACKET 25 GD CONDUCTIVE

Part. N° 21.1102/6



### TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD
- Fastening kit
- Weight 0,044 kg

### APPLICATIONS

- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fixing of panel elements, table tops
- Strengthening of all profile constructions

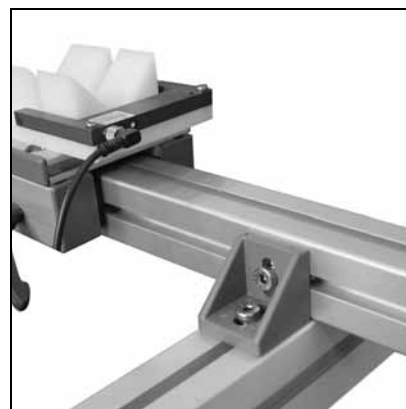
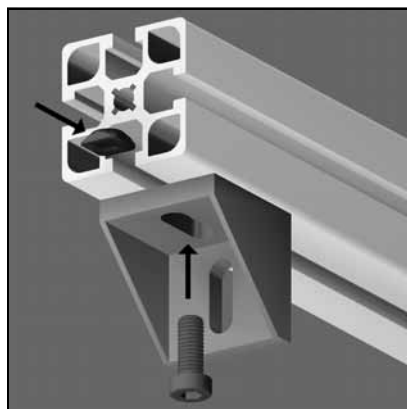
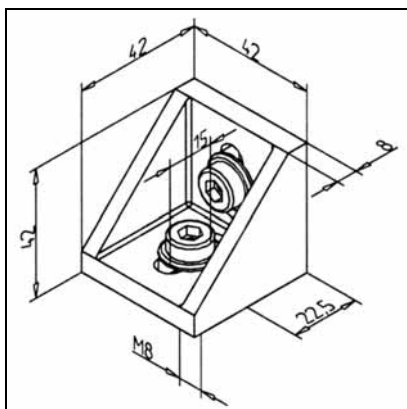
### ASSEMBLY

- Use fastening kit
- For subsequent mounting into vertical profiles use square nut M8 with position-fixing Part. N° 21.1390/2
- Recommended locking torque 20 Nm



## MOUNTING BRACKET 45 GD CONDUCTIVE

Part. N° 21.1133/6



## TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD
- Fastening kit
- Weight 0,072 kg

## APPLICATIONS

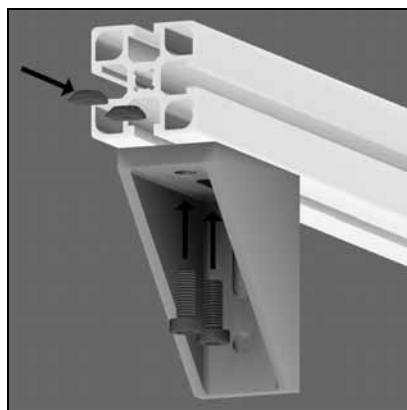
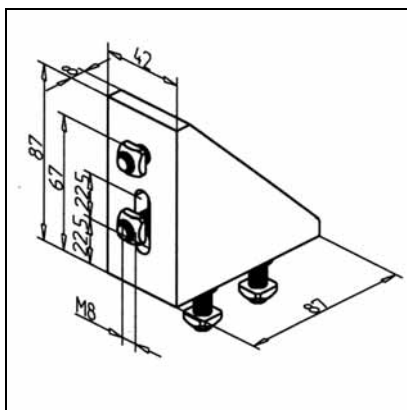
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fastening of panel elements, table tops
- Strengthening of profile constructions

## ASSEMBLY

- Use fastening kit
- For subsequent mounting into vertical profiles use square nut M8 with position-fixing Part. N° 21.1390/2
- Hammer head screw Part. N° 21.1370/0 can be used
- Recommended locking torque 20 Nm

## MOUNTING BRACKET 45 X 90 GD CONDUCTIVE

Part. N° 21.1135/6



## TECHN. DATA / ITEMS SUPPLIED

- Aluminium
- Fastening kit
- Weight 0,216 kg

## APPLICATIONS

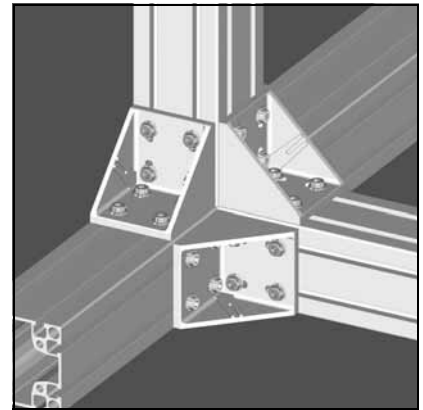
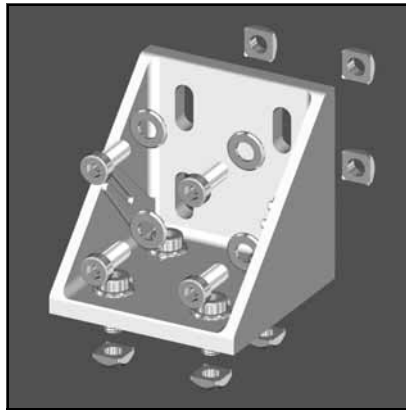
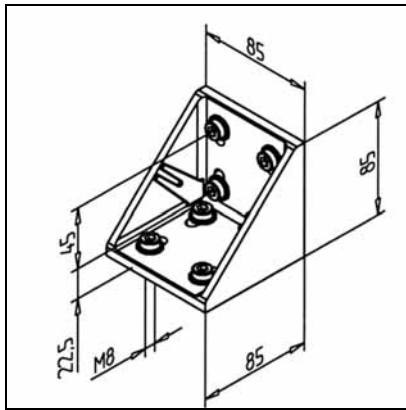
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fastening of panel elements, table tops
- Strengthening of all profile connections

## ASSEMBLY

- Use fastening kit
- For mounting into vertical profile use square nut M8 with position-fixing Part. N° 21.1390/2
- Recommended locking torque 20 Nm

## ANGLE 90 GD CONDUCTIVE

Part. N° 21.0978/6



### TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD, powder coated, grey
- Fastening kit
- Locking device against rotation
- Weight 0,270 kg

### APPLICATIONS

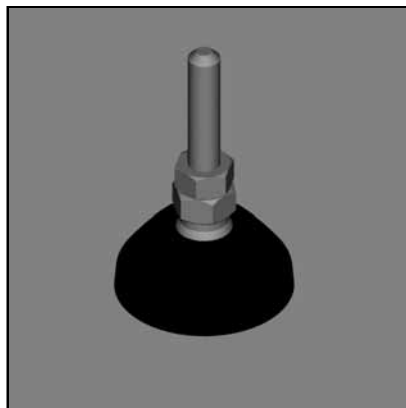
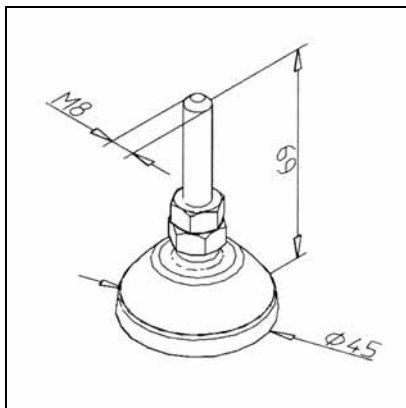
- For profiles 90 and 180
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fixing of panel elements, table tops
- Strengthening of all profile connections

### ASSEMBLY

- Use fixing kit from supply schedule
- For subsequent mounting into vertical profiles use square nut M8 with position-fixing Part N° 21.1390/2
- Recommended locking torque 20 Nm

## HINGED FOOT D45 CONDUCTIVE

Part. N° 32.1011/0



### TECHN. DATA / ITEMS SUPPLIED

- Plate PA, black
- Anti-slip insert
- Spindle, steel, zinc plated
- Counter nut, steel, zinc plated
- All spindles fit all plates
- Conductive
- Hinged foot ESD D=45 mm with spindle M10 Part. N° 32.1012/0

### APPLICATIONS

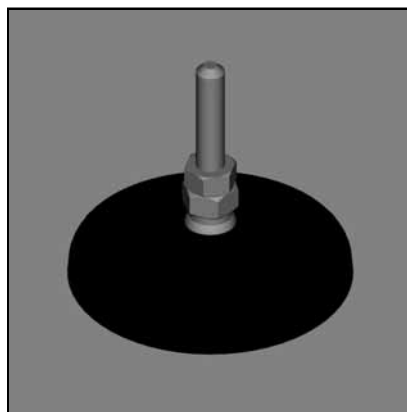
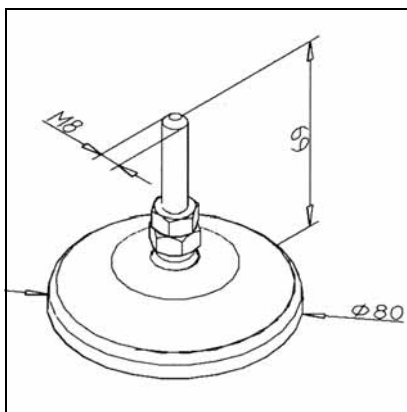
- Levelling of machine bases or constructions
- Guards, tables, show cases, Conveying systems, workstations

### ASSEMBLY

- Insert into central hole of the profile (can be drilled up to thread M12)
- Larger threads in connection with connection plate

## HINGED FOOT D80 CONDUCTIVE

Part. N° 32.1021/0



## TECHN. DATA / ITEMS SUPPLIED

- Plate PA, black
- Anti-slip insert
- Spindle, steel, zinc plated
- Counter nut, steel, zinc plated
- All spindle fit all plates
- Conductive
- Hinged foot ESD D=80 m with spindle M10 Part. N° 32.1022/0

## APPLICATIONS

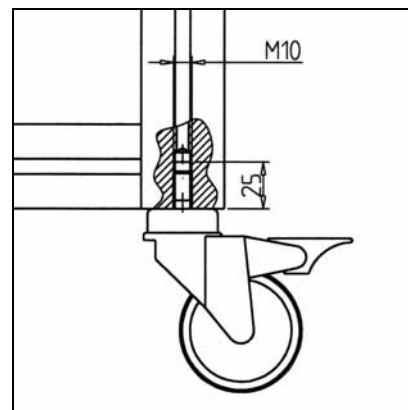
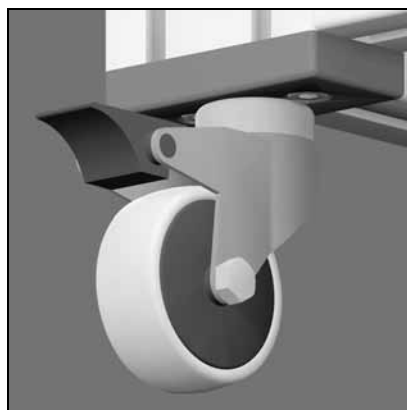
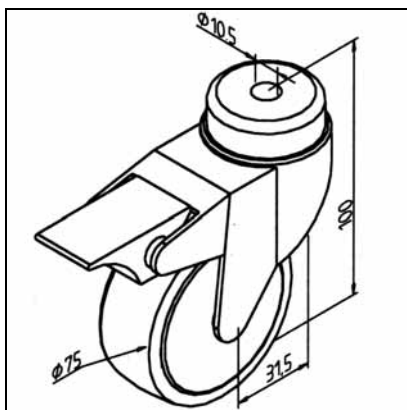
- Levelling of machine bases or constructions
- Guards, tables, show cases, Conveying systems, workstations

## ASSEMBLY

- Direct in central hole of the profile (can be drilled up to thread M12)
- Larger threads in the connection with connection plate

## GUIDE ROLLER WITH LOCKING DEVICE, CONDUCTIVE

Part. N° 32.1030/0



## TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated
- Conductive
- Roller, solid rubber, grey
- With fastening kit
- Weight 0,250 kg
- Load max. 50 kg
- Further versions on request

## APPLICATIONS

- Movable tables
- Material racks
- Show cases etc.

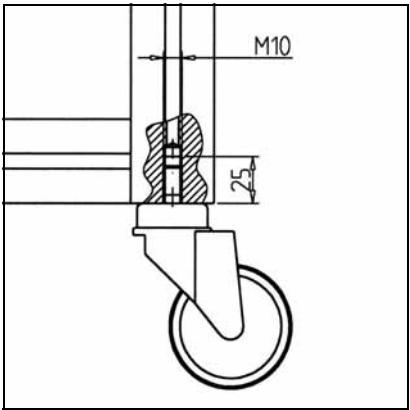
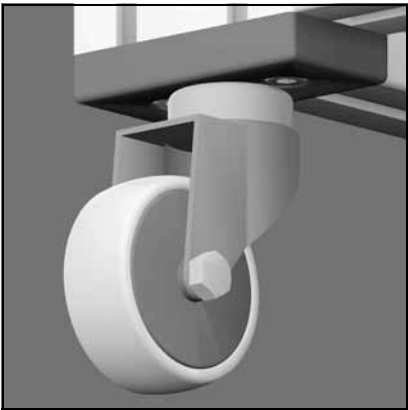
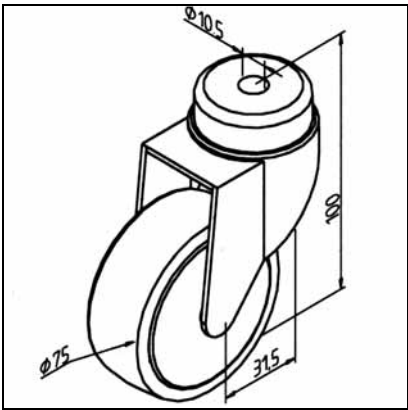
## ASSEMBLY

- Mount directly onto the central hole of the vertical profile with fastening kit, then drill and tap thread M10 x 25.
- If the roller should be centrally positioned in profile 45x45 or bigger



GUIDE ROLLER WITHOUT LOCKING DEVICE, CONDUCTIVE

Part. N° 32.1031/0



TECHN. DATA / ITEMS SUPPLIED	
- Steel, zinc plated	
- Conductive	
- Roller, solid rubber, grey	
- With fixing kit	
- Weight	0,372 kg
- Load max.	50 kg
- Further constructions on demand	

APPLICATIONS
- Movable tables
- Material-pillars
- Show cases etc.

ASSEMBLY
- Mount directly onto the central hole of the vertical profile with fastening material, then drill and tap thread M10 x 25.
- If the roller should be centrally positions for 45 x 45 profile cross sections, a connection plate is necessary

## WORKTABLE INQUIRY

☐ Container table      ☐ Desk table

### Dimensions, table

Width B \_\_\_\_\_ mm

Working height H \_\_\_\_\_ mm

Depth T \_\_\_\_\_ mm

Ground clearance H1 \_\_\_\_\_ mm

Pedestal depth F \_\_\_\_\_ mm

### Height adjustment

☐ mechanical      ☐ hydraulic      ☐ electric

☐ telescopic

### Tabletops

Width B \_\_\_\_\_ mm

Depth T \_\_\_\_\_ mm

### Foot rests

☐ ECO      ☐ Standard      ☐ Comfort

Part N° \_\_\_\_\_

### Lighting

☐ Side luminaire 36

☐ 2 x side luminaire 36

☐ Center luminaire 78

☐ Luminaire 78, 2 x luminaire 36

☐ Center luminaire 116

Other \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Dimensions, portal

Width B \_\_\_\_\_ mm

Working height H2 \_\_\_\_\_ mm

Depth T1 \_\_\_\_\_ mm

### Screen

☐ yes      ☐ no

Material \_\_\_\_\_

\_\_\_\_\_

Material \_\_\_\_\_

Part N° \_\_\_\_\_

### Under counter cabinets

☐ left      ☐ right      ☐ none

Left / Part N° \_\_\_\_\_

Right / Part N° \_\_\_\_\_

Color \_\_\_\_\_

### Energy supply

☐ Yes, see separate inquiry      ☐ No

Other \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Options

	Quantity			Quantity	
<input type="checkbox"/> Document support	___	<input type="checkbox"/> installed	<input type="checkbox"/> Hinged cantilever	___	<input type="checkbox"/> installed
<input type="checkbox"/> Document bar	___	<input type="checkbox"/> installed	<input type="checkbox"/> Depositing board/Monitor support	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool quiver	___	<input type="checkbox"/> installed	<input type="checkbox"/> Bottle holder	___	<input type="checkbox"/> installed
<input type="checkbox"/> Balancer	___	<input type="checkbox"/> installed	<input type="checkbox"/> Beverage bag holder	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool support	___	<input type="checkbox"/> installed	<input type="checkbox"/> Monitor Carrier	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool holder plate	___	<input type="checkbox"/> installed	<input type="checkbox"/> Drawing holder	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool holder set	___		<input type="checkbox"/> Dokument clip	___	<input type="checkbox"/> installed
<input type="checkbox"/> C-section rail 30	___		<input type="checkbox"/> Multiple-socket outlet 6-fold	___	<input type="checkbox"/> installed
<input type="checkbox"/> Holder C-section rail	___		<input type="checkbox"/> Multiple-socket outlet (3x2)	___	<input type="checkbox"/> installed
<input type="checkbox"/> Cap	___		<input type="checkbox"/> Recyclable material collector	___	
<input type="checkbox"/> Cable trolley	___	<input type="checkbox"/> installed	<input type="checkbox"/> Recyclable material collector, mounting	___	
<input type="checkbox"/> Limit stop	___		<input type="checkbox"/> Double outlets (Horizontal)	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool hanger	___	<input type="checkbox"/> installed	<input type="checkbox"/> Double outlets (Vertical)	___	<input type="checkbox"/> installed
<input type="checkbox"/> Tool trolley	___	<input type="checkbox"/> installed	<input type="checkbox"/> Toggle switch	___	<input type="checkbox"/> installed
<input type="checkbox"/> Depositing console	___	<input type="checkbox"/> installed	<input type="checkbox"/> Toggle switch/Outlet	___	<input type="checkbox"/> installed
<input type="checkbox"/> Semi open front container holder	___	<input type="checkbox"/> installed			
<input type="checkbox"/> Semi open front container rack	___	<input type="checkbox"/> installed			

## Other

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Company

Contact

Phone

Fax

E-Mail

☐

Please call me back

☐

Please send quotation in writing