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WORKPLACE SYSTEMS

WORKPLACE DESIGN



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 ideal for creating optimal solutions 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 changing requirements.

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.

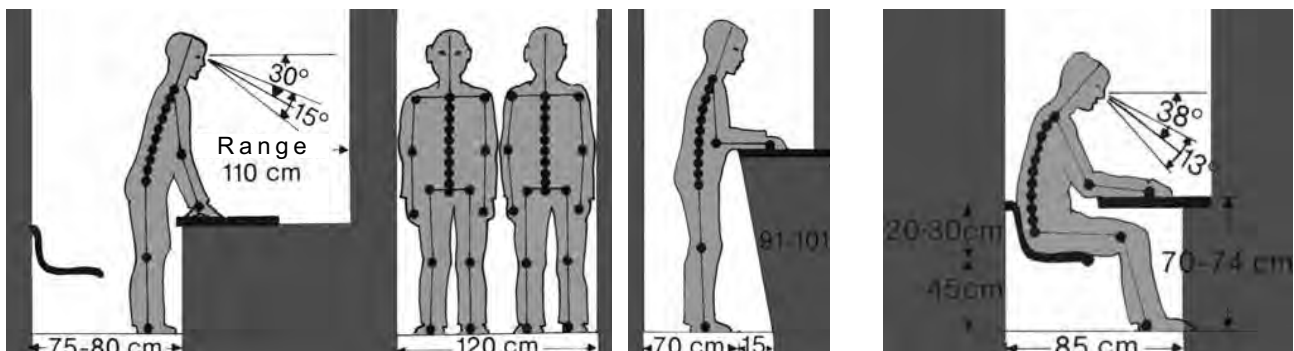
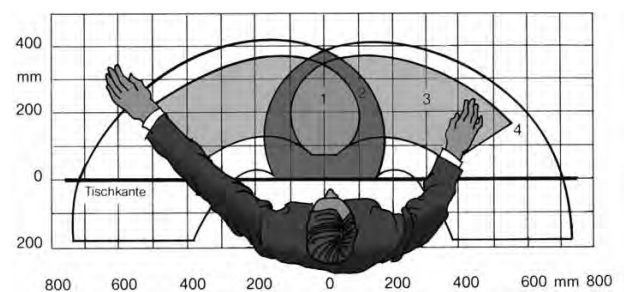
Automatic linking is established using linear axles, belt conveyors or flexible transfer system TSG.

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.

Proper design of the workplace has largely positive impacts on health, performance, endurance and concentration of employees.



Workplace design by ergonomics is described under harmonized European Standard, e.g. DIN EN ISO 6385. 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.



EXAMPLES



BASE FRAME

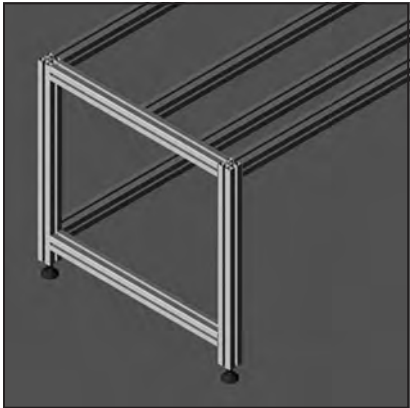
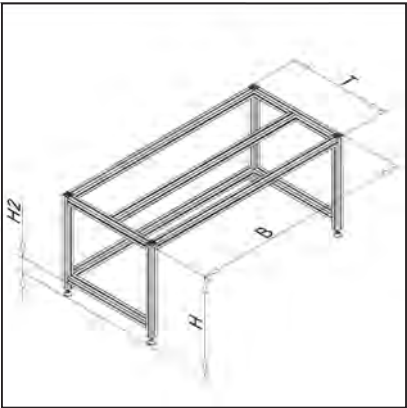
The work table is the core piece of the workplace. Through its flexible, ergonomic and goal-oriented design, it is the base for extremely economically flexible workplace systems.

The following pages show examples of the different work tables.



CONTAINER TABLE

part no. 32.0111/0



TECHN. DATA / ITEMS SUPPLIED

- 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 fastener
- Without tabletop
- Tabletops: See page
- Max. dimensions: B=2000 mm, T=1000 mm

TECHN. DATA / ITEMS SUPPLIED

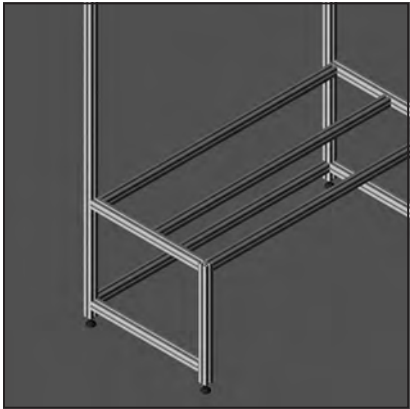
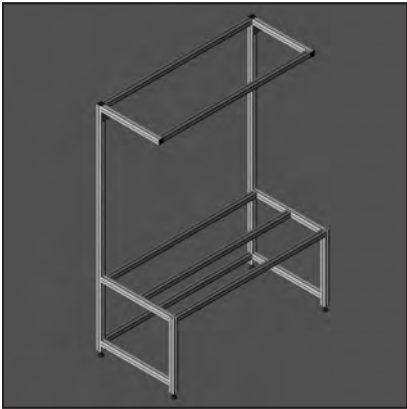
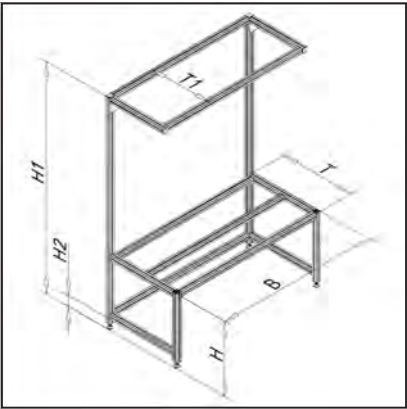
- Seated work position (without tabletop): H = 678 mm
- Standing work position (without tabletop): H = 878 mm
- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T and H

TECHN. DATA / ITEMS SUPPLIED

- Preferred size:
B= 1000 mm, T= 700 mm, H=678 - 1500N
part no. 32.0111/1
B= 1200 mm, T= 700 mm, H=678 - 1000N
part no. 32.0111/2
B= 1500 mm, T= 700 mm, H=678 - 800N
part no. 32.0111/3
B= 2000 mm, T= 700 mm, H=678 - 800N
part no. 32.0111/4
- higher loading capacity on request
- Portal optional retrofit 32.0205/0

CONTAINER TABLE WITH GANTRY

part no. 32.0112/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA -M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Without tabletop
- Tabletops: See page
- Max. dimensions: B=2000 mm, T=1000 mm

TECHN. DATA / ITEMS SUPPLIED

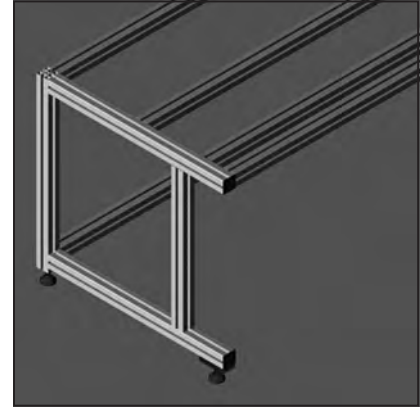
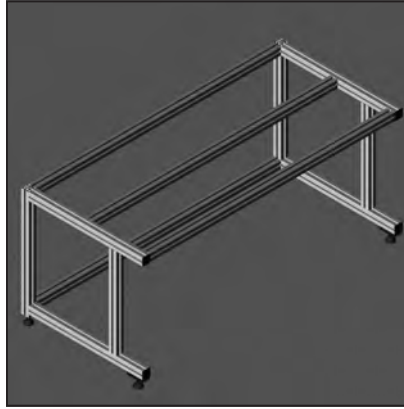
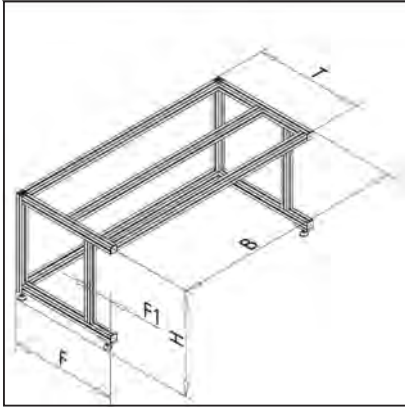
- Seated work position (without tabletop): H = 678 mm
- Standing work position (without tabletop): H = 878 mm
- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T and H

TECHN. DATA / ITEMS SUPPLIED

- Preferred size:
T=700 mm, H=678 mm, H1=2100mm, T1=600mm, H2=100mm, B=1000mm, maximum load: 1500N
part no. 32.0112/1
B=1200mm, maximum load: 1000N
part no. 32.0112/2
B=1500mm, maximum load: 800N
part no. 32.0112/3
B=2000mm, maximum load: 800N
part no. 32.0112/4
- higher loading capacity on request

DESK TABLE

part no. 32.0121/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA -M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Without tabletop
- Tabletops: See page
- Max. dimensions: B=2000 mm, T=1000 mm

TECHN. DATA / ITEMS SUPPLIED

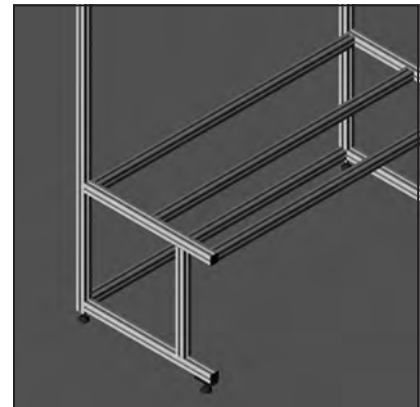
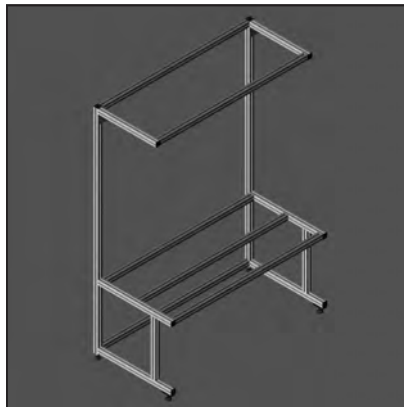
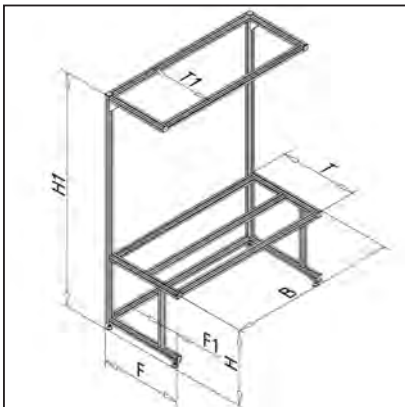
- Seated work position (without tabletop): H = 678 mm
- Standing work position (without tabletop): H = 878 mm
- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T, H, F and F1

TECHN. DATA / ITEMS SUPPLIED

- Preferred size:
B= 1000 mm, T= 700 mm, H=678 - 1500N
part no. 32.0121/1
B= 1200 mm, T= 700 mm, H=678 - 1000N
part no. 32.0121/2
B= 1500 mm, T= 700 mm, H=678 - 800N
part no. 32.0121/3
B= 2000 mm, T= 700 mm, H=678 - 800N
part no. 32.0121/4
- higher loading capacity on request
- Portal optional retrofit 32.0205/0

DESK TABLE WITH GANTRY

part no. 32.0122/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/ EV1
- Foot GD PA -M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Without tabletop
- Tabletops: See page
- Max. dimensions: B=2000 mm, T=1000 mm

TECHN. DATA / ITEMS SUPPLIED

- Seated work position (without tabletop): H = 678 mm
- Standing work position (without tabletop): H = 878 mm
- OPTION: Protection panels, chipboard 8 mm, light grey
- Please specify desired dimensions B, T, H, H1 and H2

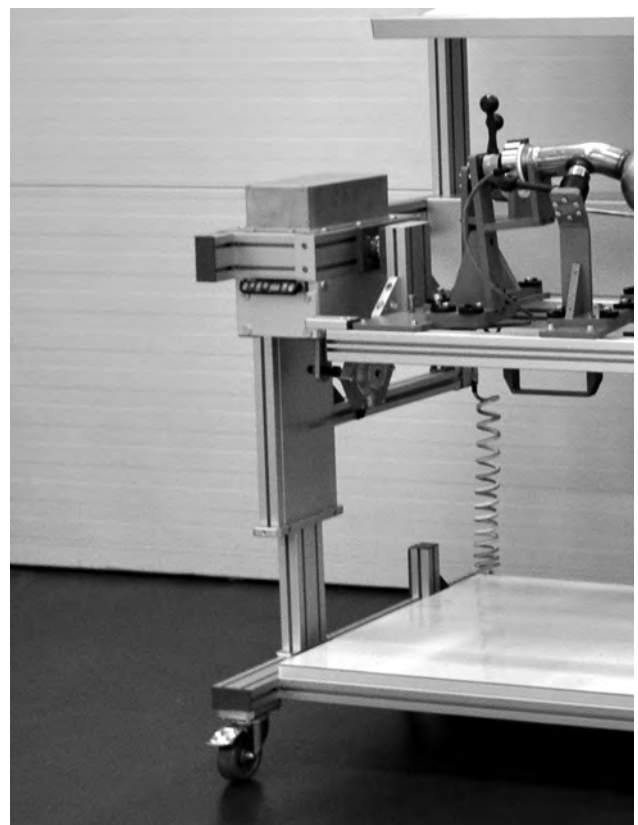
TECHN. DATA / ITEMS SUPPLIED

- Preferred size:
T= 700 mm, H= 678 mm, H1=2100mm, T1=600mm, F=700mm, F1 150mm
B=1000mm, maximum load: 1500N
part no. 32.0122/1
B=1200mm, maximum load: 1000N
part no. 32.0122/2
B=1500mm, maximum load: 800N
part no. 32.0122/3
B=2000mm, maximum load: 800N
part no. 32.0122/4
- higher loading capacity on request

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

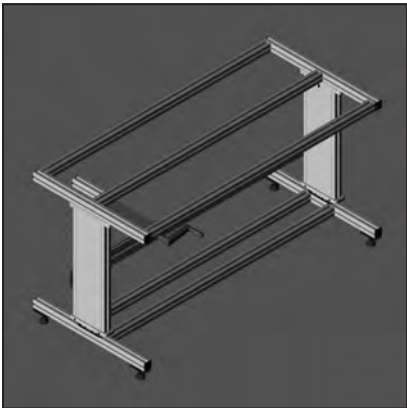
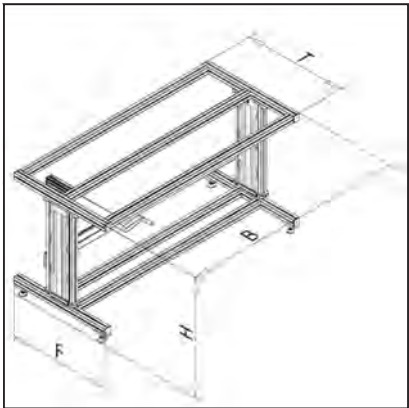
between standing and seating may be varied during the course of the workday. Permanent postural deformities are thus prevented.





HYDRAULICALLY HEIGHT-ADJUSTABLE TABLE

part no. 32.0080/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45x45 F, anodized E6/EV1
- Foot GD PA -M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Table with several supports on request
- max. Load: 2000 N, higher load capacity on request
- **higher loading capacity on request**
- ESD on request

TECHN. DATA / ITEMS SUPPLIED

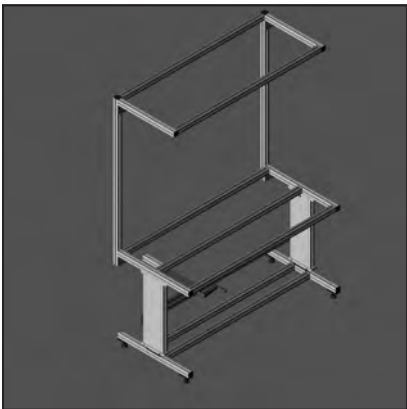
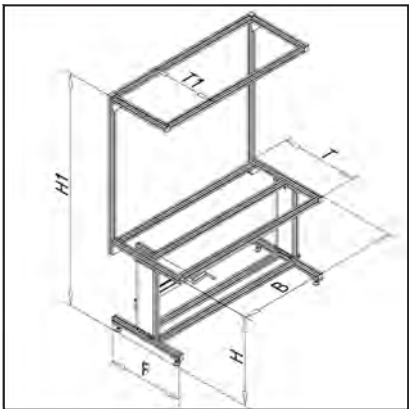
- Height adjustment: Hand pump with retractable crank handle, mounted underneath tabletop, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves
- Without tabletop, tabletops: See page
- **Please specify desired dimensions B, T, H and F**

TECHN. DATA / ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 300mm
- Max. dimensions: B=2000 mm T=1000 mm
- Standard height (without tabletop): H = 705 mm or 805 mm
- Preferred size:
 - B= 1000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0080/1**
 - B= 1200 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0080/2**
 - B= 1500 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0080/3**
 - B= 2000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0080/4**
- Portal optional retrofit **32.0205/0**

HYDRAULICALLY HEIGHT-ADJUSTABLE TABLE

part no. 32.0082/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45x45 F, anodized E6/EV1
- Foot GD PA -M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Table with several supports on request
- max. Load: 2000 N, higher load capacity on request
- **higher loading capacity on request**
- ESD on request

TECHN. DATA / ITEMS SUPPLIED

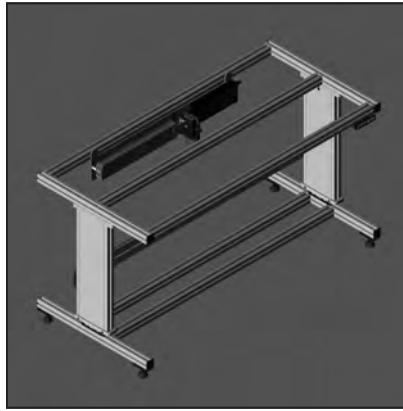
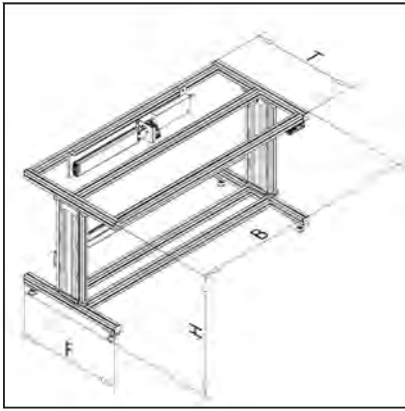
- Height adjustment: Hand pump with retractable crank handle, mounted underneath tabletop, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves
- Without tabletop, tabletops: See page
- **Please specify desired dimensions B, T, H, F, H1 and T1**

TECHN. DATA / ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 300mm
- Max. dimensions: B=2000 mm T=1000 mm
- Standard height (without tabletop): H = 705 mm or 805 mm
- Preferred size:
 - T= 700 mm, H=805, H1=2100mm, T1=600mm, F=700mm, maximale Last: 1200N
 - B= 1000 mm **part no. 32.0082/1**
 - B= 1200 mm **part no. 32.0082/2**
 - B= 1500 mm **part no. 32.0082/3**
 - B= 2000 mm **part no. 32.0082/4**

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE

part no. 32.0070/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Max. Load: 3000 N
- ESD on request

TECHN. DATA / ITEMS SUPPLIED

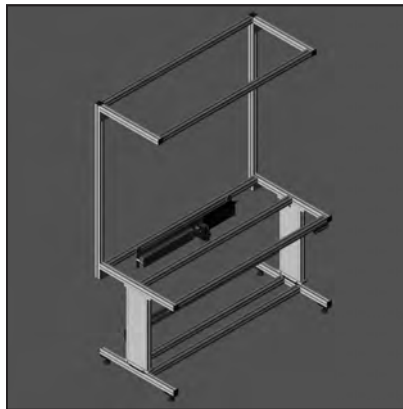
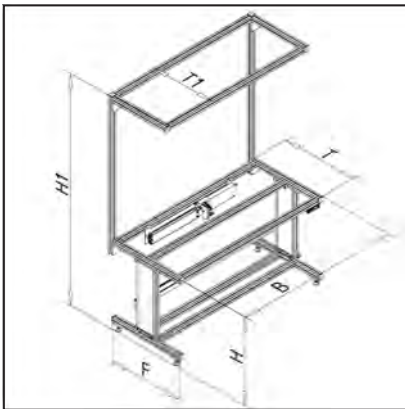
- Height adjustment: With electric servomotor, "Up / Down" switch mounted with 4 programmable positions concealed underneath tabletop, standard connection 240 VAC, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves
- Without tabletop, tabletops: See page
- Please specify desired dimensions B, T, H and F

TECHN. DATA / ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 280mm
- Max. dimensions: B=2000 mm T=1000 mm
- Standard height (without tabletop): H = 685 mm or 795 mm
- Preferred size:
B= 1000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0070/1**
B= 1200 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0070/2**
B= 1500 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0070/3**
B= 2000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0070/4**
- Higher load capacity on request
- Portal optional retrofit 32.0210/0

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE

part no. 32.0071/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Mounted electrically conductive with MiniTec power-lock fastener
- Max. Load: 3000 N
- ESD on request

TECHN. DATA / ITEMS SUPPLIED

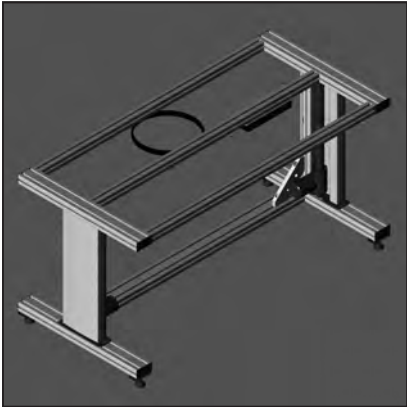
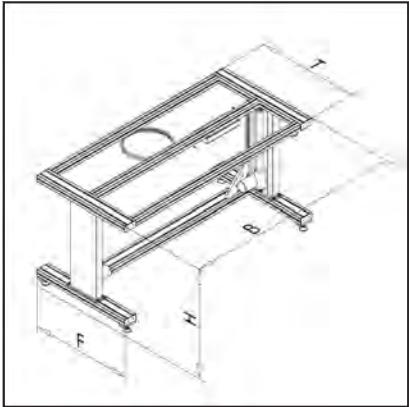
- Height adjustment: With electric servomotor, "Up / Down" switch mounted with 4 programmable positions concealed underneath tabletop, standard connection 240 VAC, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves
- Without tabletop, tabletops: See page
- Please specify desired dimensions B, T, H, F, H1 and T1

TECHN. DATA / ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 280mm
- Max. dimensions: B=2000 mm T=1000 mm
- Standard height (without tabletop): H = 685 mm or 795 mm
- Preferred size:
B= 1000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0071/1**
B= 1200 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0071/2**
B= 1500 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0071/3**
B= 2000 mm, F/T= 700 mm, H=805 - 1200N **part no. 32.0071/4**
- Higher load capacity on request

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE STROKE 400

part no. 32.0075/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Max. Load: 3400 N
- **higher loading capacity on request**
- ESD on request

APPLICATIONS

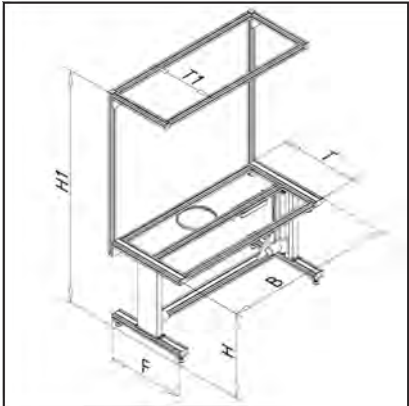
- Height adjustment: With electric servomotor and spindle, "Up / Down" switch mounted concealed underneath tabletop, standard connection 240 VAC,
- **Please specify desired dimensions B, T, H, and F**
- Without tabletop, tabletops: See page

ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 400mm
- Max. dimensions: B=2000 mm, T=1000 mm
- Standard height (without tabletop): H=762mm
- Preferred size:
T= 700 mm, F=700mm,
B= 1000 mm **part no. 32.0075/1**
B= 1200 mm **part no. 32.0075/2**
B= 1500 mm **part no. 32.0075/3**
B= 2000 mm **part no. 32.0075/4**

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE WITH PORTAL STROKE 400

part no. 32.0078/0



TECHN. DATA / ITEMS SUPPLIED

- Basic frame, profile 45 x 45 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Max. Load: 3400 N
- **higher loading capacity on request**
- ESD on request

APPLICATIONS

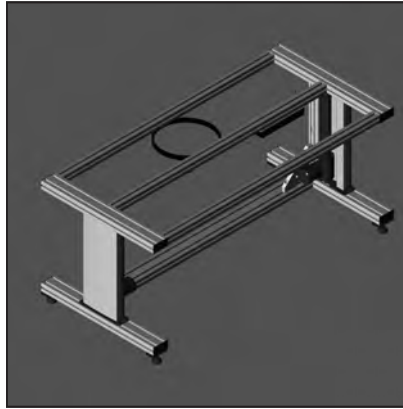
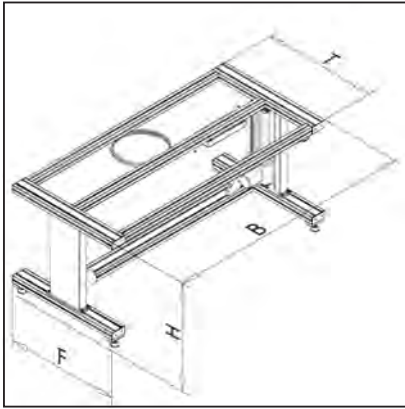
- Height adjustment: With electric servomotor, "Up / Down" switch mounted with 4 programmable positions concealed underneath tabletop, standard connection 240 VAC,
- Without tabletop, tabletops: See page
- **Please specify desired dimensions B, T, H, F, H1 and T1**

ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 400mm
- Max. dimensions: B=2000 mm, T=1000 mm
- Standard height (without tabletop): H=762mm
- Preferred size:
T= 700 mm, F=700mm, H1=2100mm, T1=600mm
B= 1000 mm **part no. 32.0078/1**
B= 1200 mm **part no. 32.0078/2**
B= 1500 mm **part no. 32.0078/3**
B= 2000 mm **part no. 32.0078/4**

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE STROKE 300

part no. 32.0076/0

**TECHN. DATA / ITEMS SUPPLIED**

- Basic frame, profile 45 x 45 F and 45 x 90 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Max. Load: 3400 N
- **higher loading capacity on request**
- ESD on request

APPLICATIONS

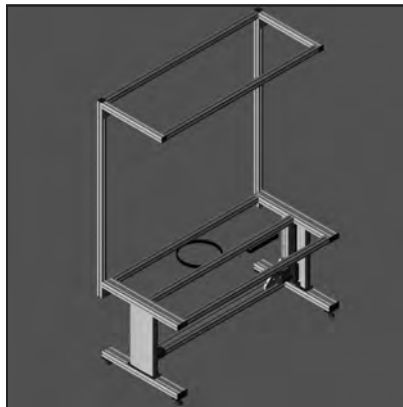
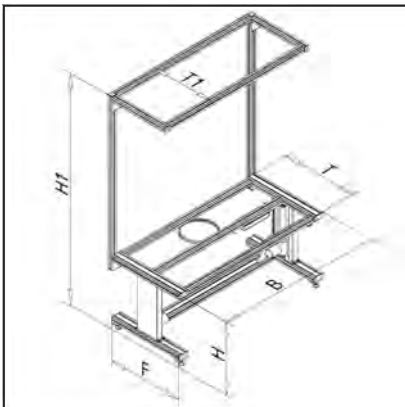
- Height adjustment: With electric servomotor and spindle, "Up / Down" switch mounted concealed underneath tabletop, standard connection 240 VAC,
- Without tabletop, tabletops: See page 372 et. seq.
- **Please specify desired dimensions B, T and F**

ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 300mm
- Max. dimensions: B=2000 mm, T=1000 mm
- Standard height (without tabletop): H=662mm
- Preferred size:
T= 700 mm, F=700mm
B= 1000 mm **part no. 32.0076/1**
B= 1200 mm **part no. 32.0076/2**
B= 1500 mm **part no. 32.0076/3**
B= 2000 mm **part no. 32.0076/4**

ELECTRICALLY HEIGHT-ADJUSTABLE TABLE WITH GANTRY STROKE 300

part no. 32.0077/0

**TECHN. DATA / ITEMS SUPPLIED**

- Basic frame, profile 45 x 45 F and 45 x 90 F, anodized E6/EV1
- Foot GD PA - M10 Ø45, height-adjustable for floor level compensation
- Max. Load: 3400 N
- **higher loading capacity on request**
- ESD on request

APPLICATIONS

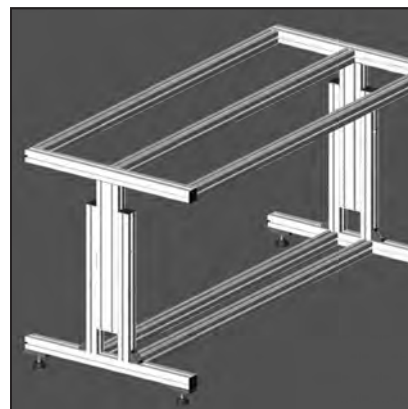
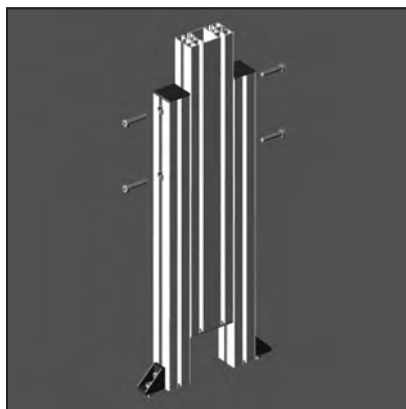
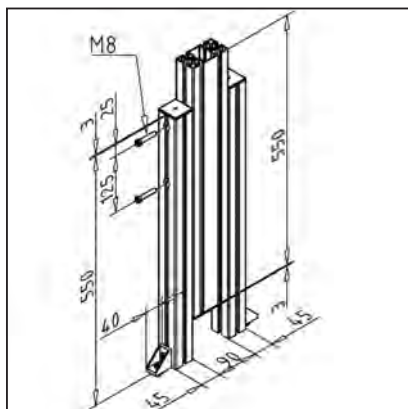
- Height adjustment: With electric servomotor and spindle, "Up / Down" switch mounted concealed underneath tabletop, standard connection 240 VAC,
- Without tabletop, tabletops: See page 372 et. seq.
- **Please specify desired dimensions B, T, F, H1 and T1**

ITEMS SUPPLIED

- Adjustment range upper tabletop edge: 300mm
- Max. dimensions: B=2000 mm, T=1000 mm
- Standard height (without tabletop): H=662mm
- Preferred size:
T= 700 mm, F=700mm, H1=2100mm, T1=600mm
B= 1000 mm **part no. 32.0077/1**
B= 1200 mm **part no. 32.0077/2**
B= 1500 mm **part no. 32.0077/3**
B= 2000 mm **part no. 32.0077/4**

HEIGHT SETTING FOR WORKTABLE

part no. 32.0335/0

**TECHN. DATA / ITEMS SUPPLIED**

- Profile 45 x 45 F and 45 x 90 F, anodized E6/EV1
- Installation dimension: 553mm
- Adjustable range: 385mm
- ESD competent **part no. 32.0335/6**

APPLICATIONS

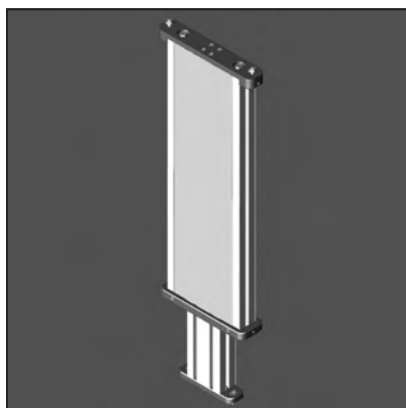
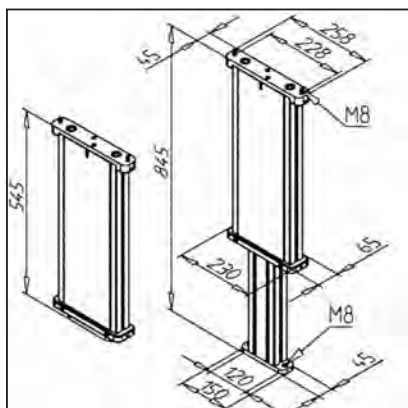
- Simple height-adjustment through double profiles
- Adjustable through release of the screwed fastening

ITEMS SUPPLIED

- 1x height setting completely mounted

TELESCOPIC GUIDE 545 - STROKE 300

part no. 32.0310/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|-----------------------------------------------------------------------------|-----------------------|
| - Installation dimension | 545 mm |
| - Stroke | 300 mm |
| - Lifting force | 1000 N |
| - Stroke 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 load capacity is reduced | |
| - Weight | 6,713 kg |

APPLICATIONS

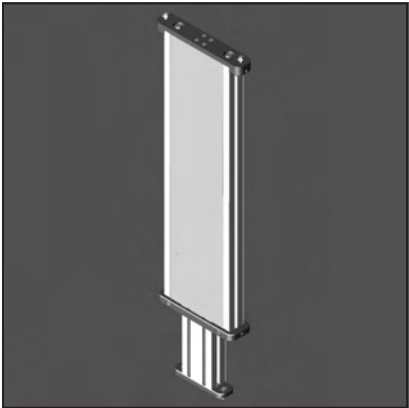
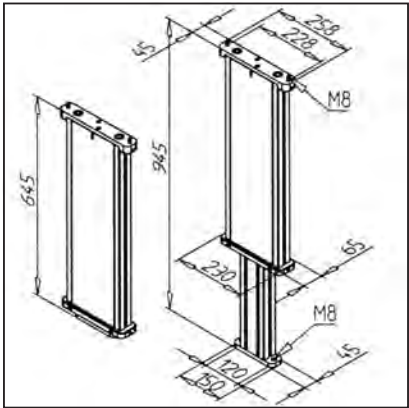
- For raising and lowering the work tables and other equipment
- Minimum load 100N
- The system must not be subjected to tensile stress

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 no. 32.0320/0



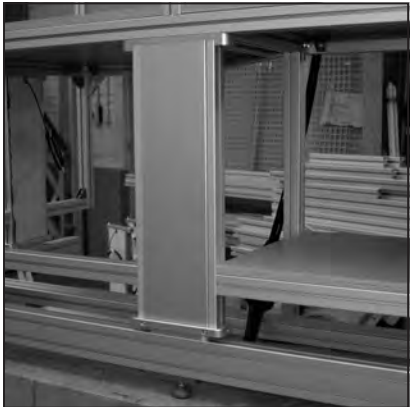
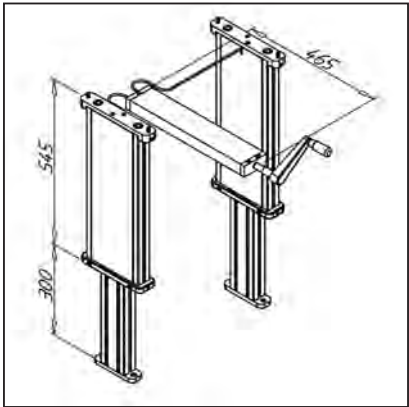
TECHN. DATA / ITEMS SUPPLIED	
- Installation dimension	645 mm
- Stroke	300 mm
- Lifting force	1000 N
- Stroke speed	3 mm / crank rotation
- Up to 6 columns per drive expandable	
- Max system load with hand drive	2000 N
- Max load system with electric drive	6000 N
- Because of higher friction at excentric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

APPLICATIONS
- For raising and lowering the work tables and other equipment
- Minimum load 100 N
- The system must not be subjected to tensile stress

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

TELESCOPIC GUIDE 545 - STROKE 300, MANUAL

part no. 32.0330/0



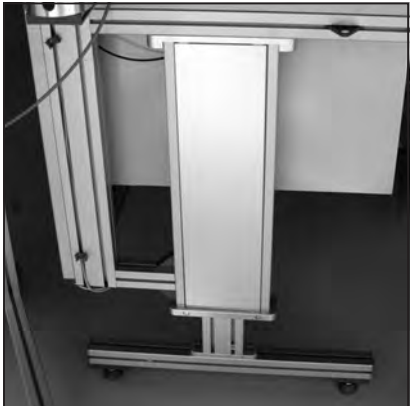
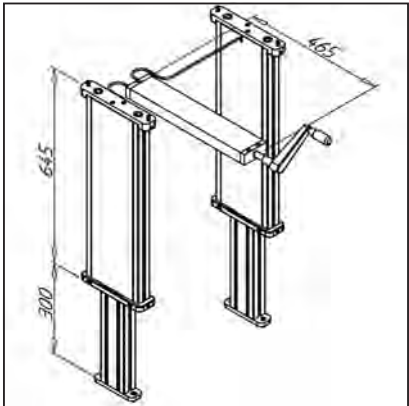
TECHN. DATA / ITEMS SUPPLIED	
- Installation dimension	545 mm
- Stroke	300 mm
- Lifting force	2000 N
- Stroke speed	3 mm / crank rotation
- Weight	16,006 kg

APPLICATIONS
- For raising and lowering the work tables and other equipment
- Multi-column version by request
- Pump short/long
- Minimum load 100 N
- The system must not be subjected to tensile stress

ITEMS SUPPLIED
- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x hydraulic pump with hand-crank

TELESCOPIC GUIDE 645 - STROKE 300, MANUAL

part no. 32.0332/0



TECHN. DATA / ITEMS SUPPLIED

- Installation dimension	645 mm
- Stroke	300 mm
- Lifting force	2000 N
- Stroke speed 3 mm / crank rotation	
- Weight	18,13 kg

APPLICATIONS

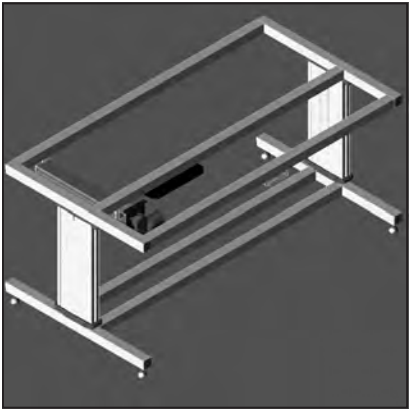
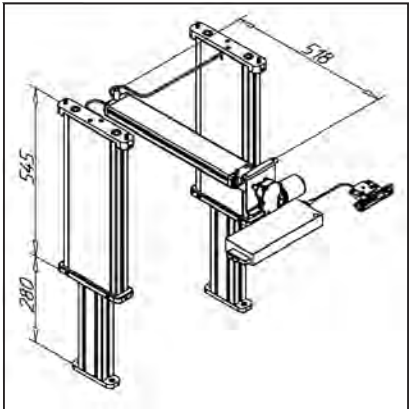
- For raising and lowering the work tables and other equipment
- Multi-column version on request
- Pump short/long
- Minimum load 200 N
- The system must not be subjected to tensile stress

ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x hydraulic pump with hand-crank

TELESCOPIC GUIDE 545 - STROKE 280, ELECTRICAL

part no. 32.0331/0



TECHN. DATA / ITEMS SUPPLIED

- Installation dimension	545 mm
- Stroke	280 mm
- Lifting force	2000 N
- higher loading capacity on request	
- Stroke speed 9 mm / second	
- Max. system load with several supports	6000 N
- Short-time operation ED 5%	
- Weight	22,555 kg

APPLICATIONS

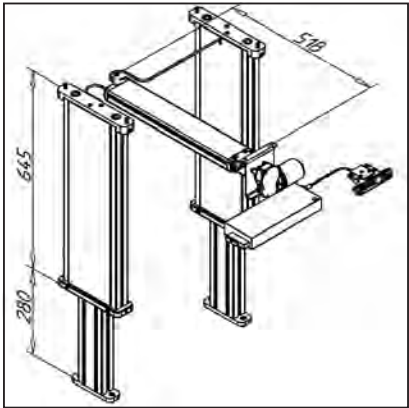
- For raising and lowering the work tables and other equipment
- Multi-column version on request
- The system must not be subjected to tensile stress
- Minimum load 200 N

ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x electrical hydraulic pump with operating unit

TELESCOPIC GUIDE 645 - STROKE 280, ELECTRICAL

part no. 32.0333/0



TECHN. DATA / ITEMS SUPPLIED

- Installation dimension	645 mm
- Stroke	280 mm
- Lifting force	2000 N
- higher loading capacity on request	
- Stroke speed	9 mm / second
- Max. load with several supports	6000 N
- Short-time operation	ED 5%
- Weight	24,679 kg

APPLICATIONS

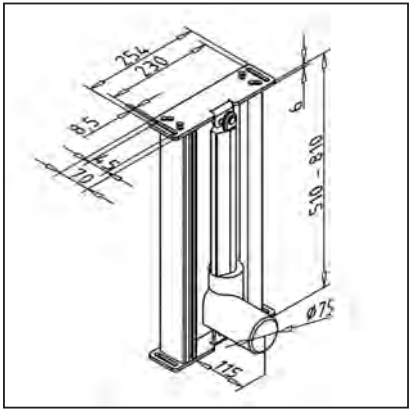
- For raising and lowering the work tables and other equipment
- Multi-column version on request
- The system must not be subjected to tensile stress
- Minimum load 200 N

ITEMS SUPPLIED

- 2x lift columns, fully assembled
- 2x integrated hydraulic cylinders
- 1x electrical hydraulic pump with operating unit

TELESCOPIC GUIDE - STROKE 300, ELECTRICAL

part no. 32.0029/0



TECHN. DATA / ITEMS SUPPLIED

- Height adjustment: With electric servomotor and spindle	
- Installation dimension	510 mm
- Stroke	300 mm
- Lifting force	2000 N
- Max. side load	800 N
- Speed	12 mm/s
- Short-time operation	ED 10 %
- Weight	23 kg

APPLICATIONS

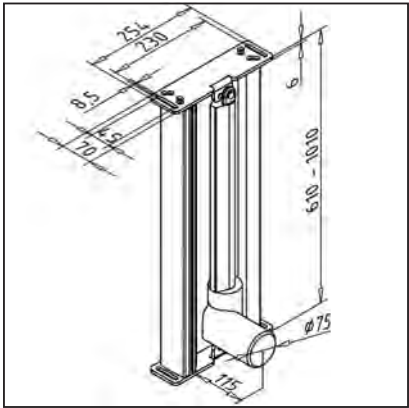
- For raising and lowering the work tables and other equipment
- Other designs on request

ITEMS SUPPLIED

- 2 x telescope lift columns
- 1 x synchronous control 240 V
- 1 x Connection cable
- 1 x "Up/Down" switch
- Optional: Switch with memoryfunction part no. 32.0047/0

TELESCOPIC GUIDE - STROKE 400, ELECTRICAL

part no. 32.0030/0



TECHN. DATA / ITEMS SUPPLIED

- Height adjustment: With electric servomotor and spindle	
- Installation dimension	610 mm
- Stroke	400 mm
- Lifting force	2000 N
- Max. side load	800 Nm
- Speed	12 mm/s
- Short-time operation ED 10 %	
- Weight	23 kg

APPLICATIONS

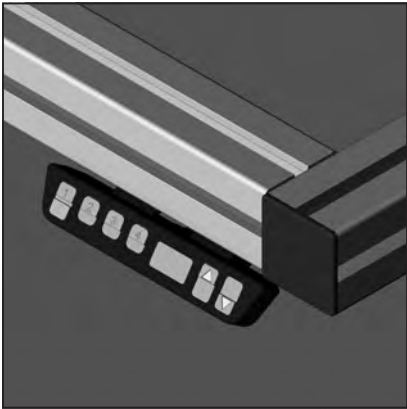
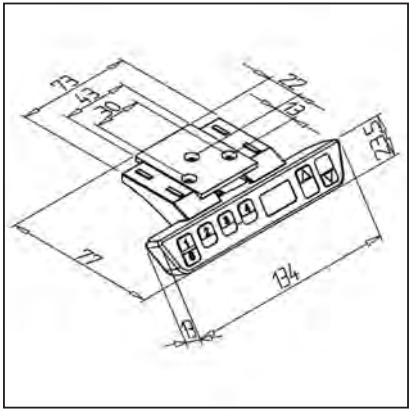
- For raising and lowering the work tables and other equipment
- Other designs on request

ITEMS SUPPLIED

- 2 x telescope lift columns
- 1 x synchronous control 240 V
- 1 x Connection cable
- 1 x "Up/Down" switch
- Optional: Switch with memoryfunction **part no. 32.0047/0**

SWITCH MEMORY + DISPLAY

part no. 32.0047/0



TECHN. DATA / ITEMS SUPPLIED

- Switch with display and 4 positionkeys
- Optional: Extension cable 1m **part no. 27.0110/0**

APPLICATIONS

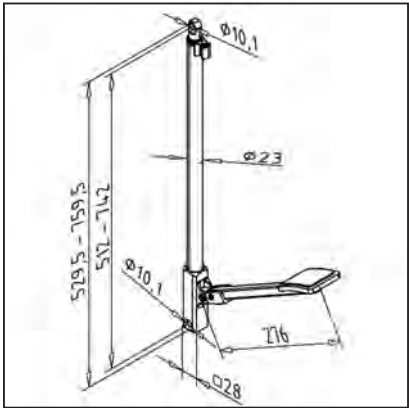
- For procedure of adjustment of height
- Manualy procedure or approach of saved positions

ASSEMBLY

- Use fastening kit

COMPACT HYDRAULIC ACTUATOR 230

part no. 32.0340/0



TECHN. DATA / ITEMS SUPPLIED

- Caliber external pipe: 23mm
- Lifting force: 1,5kN
- Stroke: 230mm
- Incl. Mounting material

APPLICATIONS

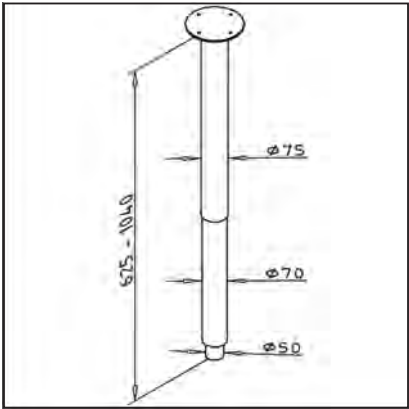
- For raising and lowering the work tables and other equipment

ASSEMBLY

- Use fastening kit

HEIGHT-ADJUSTABLE TABLE COLUMN

part no. 32.0360/0



TECHN. DATA / ITEMS SUPPLIED

- Caliber: 75mm
- Lifting force: 120N
- Stroke: 415mm
- Installation dimension: 625mm
- Incl. Mounting material

APPLICATIONS

- For raising and lowering the work tables and other equipment
- Confirmation/Accommodation: Bowden cable L=280mm

ASSEMBLY

- Use fastening kit

TABLETOPS



We offer various tabletops for coping with different assembly tasks. The maximum panel sizes can also be found on the following pages in the item description. Within the listed dimensions we can realize any special size.
The table tops are attached to the base frame with mounting bracket 25 GD-Z and chipboard screws.

	Scrathces	Abrasion	Impact	Heat	Moisture	Oil	Chemikals	ESD, antistatic	Light reflection	Thickness
Melaminee	◐	◐	◑	◑	◑	◑	◑	○	●	0.2
Laminate	●	●	●	●	◐	●	◑	○	●	0.8
HPL	●	●	●	●	◐	●	◑	○	●	3.0
Linoleum	◐	●	●	●	◐	●	◑	◑	●	2.5
Multiplex	◐	●	◐	●	◐	◑	◑	○	●	–
Rubber conductive	●	◑	◐	●	◐	●	◐	●	●	2.0
Melamine conductive	◐	◐	◑	◑	◑	◑	◑	●	●	0.2
PE 500 R	◑	●	◑	◑	●	●	◐	○	○	–

● Perfectly suitable ◐ limited suitable ◑ rather not suitable ○ unsuitable

TABLETOPS

part no.	part	colour	Thickness (mm)	Width B (mm)	Depth T (mm)
32.0410/0	Tabletop Melamine	Light grey RAL 7035	22mm	B= (≤2800mm)	T= (≤2100mm)
32.4110/0	Tabletop Melamine	Light grey RAL 7035	22mm	1000mm	700mm
32.4120/0	Tabletop Melamine	Light grey RAL 7035	22mm	1200mm	700mm
32.4140/0	Tabletop Melamine	Light grey RAL 7035	22mm	1500mm	700mm
32.4160/0	Tabletop Melamine	Light grey RAL 7035	22mm	2000mm	700mm
32.4200/0	Tabletop Laminate	Light grey RAL 7035	20mm	B= (≤2800mm)	T= (≤2100mm)
32.4210/0	Tabletop Laminate	Light grey RAL 7035	20mm	1000mm	700mm
32.4220/0	Tabletop Laminate	Light grey RAL 7035	20mm	1200mm	700mm
32.4240/0	Tabletop Laminate	Light grey RAL 7035	20mm	1500mm	700mm
32.4260/0	Tabletop Laminate	Light grey RAL 7035	20mm	2000mm	700mm
32.4700/0	Tabletop Laminate	Light grey RAL 7035	40mm	B= (≤2800mm)	T= (≤2100mm)
32.4710/0	Tabletop Laminate	Light grey RAL 7035	40mm	1000mm	700mm
32.4720/0	Tabletop Laminate	Light grey RAL 7035	40mm	1200mm	700mm
32.4740/0	Tabletop Laminate	Light grey RAL 7035	40mm	1500mm	700mm
32.4760/0	Tabletop Laminate	Light grey RAL 7035	40mm	2000mm	700mm
32.6200/0	Tabletop HPL	Light grey RAL 7035	31mm	B= (≤2800mm)	T= (≤2100mm)
32.6210/0	Tabletop HPL	Light grey RAL 7035	31mm	1000mm	700mm
32.6220/0	Tabletop HPL	Light grey RAL 7035	31mm	1200mm	700mm
32.6240/0	Tabletop HPL	Light grey RAL 7035	31mm	1500mm	700mm
32.6260/0	Tabletop HPL	Light grey RAL 7035	31mm	2000mm	700mm
32.0430/0	Tabletop Linoleum	Light grey RAL 7035	22mm	B= (≤3000mm)	T= (≤1450mm)
32.4310/0	Tabletop Linoleum	Light grey RAL 7035	22mm	1000mm	700mm
32.4320/0	Tabletop Linoleum	Light grey RAL 7035	22mm	1200mm	700mm
32.4340/0	Tabletop Linoleum	Light grey RAL 7035	22mm	1500mm	700mm

TABLETOPS

part no.	part	colour	Dicke (mm)	Width B (mm)	Depth T (mm)
32.4360/0	Tabletop Linoleum	Light grey RAL 7035	22mm	2000mm	700mm
32.0480/0	Tabletop Linoleum	Light grey RAL 7035	40mm	B= (≤3000mm)	T= (≤1450mm)
32.4810/0	Tabletop Linoleum	Light grey RAL 7035	40mm	1000mm	700mm
32.4820/0	Tabletop Linoleum	Light grey RAL 7035	40mm	1200mm	700mm
32.4840/0	Tabletop Linoleum	Light grey RAL 7035	40mm	1500mm	700mm
32.4860/0	Tabletop Linoleum	Light grey RAL 7035	40mm	2000mm	700mm
32.0440/0	Tabletop Multiplex Beech	Sanded, natural	20mm	B= (≤2500mm)	T= (≤1250mm)
32.4410/0	Tabletop Multiplex Beech	Sanded, natural	20mm	1000mm	700mm
32.4420/0	Tabletop Multiplex Beech	Sanded, natural	20mm	1200mm	700mm
32.4440/0	Tabletop Multiplex Beech	Sanded, natural	20mm	1500mm	700mm
32.4460/0	Tabletop Multiplex Beech	Sanded, natural	20mm	2000mm	700mm
32.0490/0	Tabletop Multiplex Beech	Sanded, natural	40mm	B= (≤2500mm)	T= (≤1250mm)
32.4910/0	Tabletop Multiplex Beech	Sanded, natural	40mm	1000mm	700mm
32.4920/0	Tabletop Multiplex Beech	Sanded, natural	40mm	1200mm	700mm
32.4940/0	Tabletop Multiplex Beech	Sanded, natural	40mm	1500mm	700mm
32.4960/0	Tabletop Multiplex Beech	Sanded, natural	40mm	2000mm	700mm
Clear finishing or oiling on request.					
32.0450/0	ESD-Tabletop Natural rubber 	Platinum grey RAL 7036	22mm	B= (≤3000mm)	T= (≤1450mm)
32.4510/0	ESD-Tabletop Natural rubber 	Platinum grey RAL 7036	22mm	1000mm	700mm
32.4520/0	ESD-Tabletop Natural rubber 	Platinum grey RAL 7036	22mm	1200mm	700mm
32.4540/0	ESD-Tabletop Natural rubber 	Platinum grey RAL 7036	22mm	1500mm	700mm
32.4560/0	ESD-Tabletop Natural rubber 	Platinum grey RAL 7036	22mm	2000mm	700mm
32.0460/0	ESD-Tabletop Melamine 	Light grey RAL 7035	25mm	B= (≤2800mm)	T= (≤2100mm)
32.4610/0	ESD-Tabletop Melamine 	Light grey RAL 7035	25mm	1000mm	700mm

TABLETOPS

part no.	part	colour	Dicke (mm)	Width B (mm)	Depth T (mm)
32.4620/0	ESD-Tabletop Melamine 	Light grey RAL 7035	25mm	1200mm	700mm
32.4640/0	ESD-Tabletop Melamine 	Light grey RAL 7035	25mm	1500mm	700mm
32.4660/0	ESD-Tabletop Melamine 	Light grey RAL 7035	25mm	2000mm	700mm
32.6100/0	Tabletop PE 500 R	Black-coloured	25mm	B= (≤2000mm)	T= (≤1000mm)
32.6110/0	Tabletop PE 500 R	Black-coloured	25mm	1000mm	700mm
32.6120/0	Tabletop PE 500 R	Black-coloured	25mm	1200mm	700mm
32.6140/0	Tabletop PE 500 R	Black-coloured	25mm	1500mm	700mm
32.6160/0	Tabletop PE 500 R	Black-coloured	25mm	2000mm	700mm
The colour allocation may vary depending on the shipment.					
32.6000/0	Tabletop PE 500 R	Black dyed	25mm	B= (≤2000mm)	T= (≤1000mm)
32.6010/0	Tabletop PE 500 R	Black dyed	25mm	1000mm	700mm
32.6020/0	Tabletop PE 500 R	Black dyed	25mm	1200mm	700mm
32.6040/0	Tabletop PE 500 R	Black dyed	25mm	1500mm	700mm
32.6060/0	Tabletop PE 500 R	Black dyed	25mm	2000mm	700mm
Plates made of aluminum, PVC, stainless steel or other materials on demand					

Fastening angle for tabletop

part no. 32.0401/0

**Technical Data:**

- Angle 25, chipboard screw with washer, hex socket cap screw with square nut
- For tabletops from 22mm thickness
- For ESD use **part no. 32.0401/6**
- Weight 0,058 kg

Application:

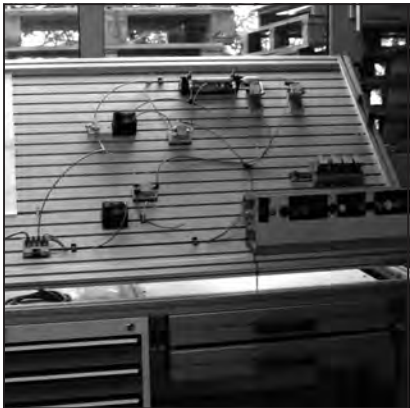
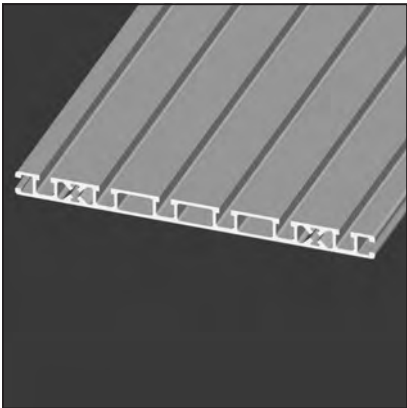
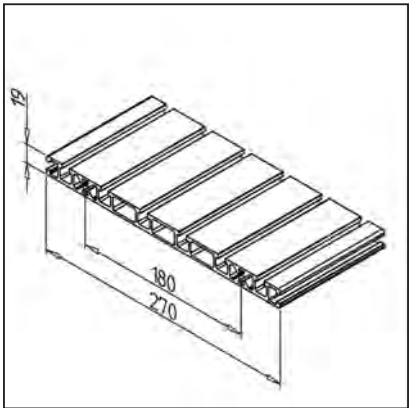
- Fastening of tabletops from 22mm thickness on profile frame

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 no. 21.1351/2)
- Screw

PROFILE 270 X 19

part no. 20.1077/0



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

APPLICATIONS
- Table tops
- Workstations
- Can be used for breadboard constructions in schooling and training projects - i.e. pneumatic, electronics, automatic-control with universal clamping socket, part no. P20060/0
- Demonstration units

ASSEMBLY
- MiniTec power-lock fastener
- Screw connection
- Bolt-fastener 15, part no. 21.1024/0

UNDER COUNTER CABINET 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.

Housing:

- Sheet steel construction
- Max. load: up to 200 kg
- Standard with center locking, individual drawer locking and cylinder lock with 2 keys
- Paint: 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 paint:

Frame: light grey RAL 7035

Drawer: brilliant blue RAL 5007

■ Paint on request*:

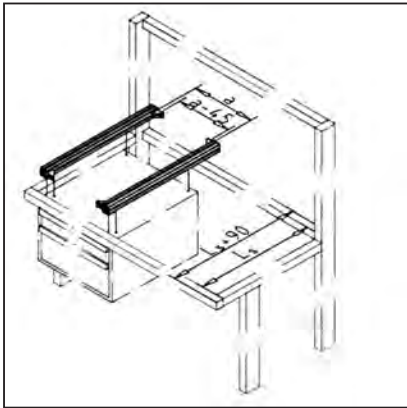
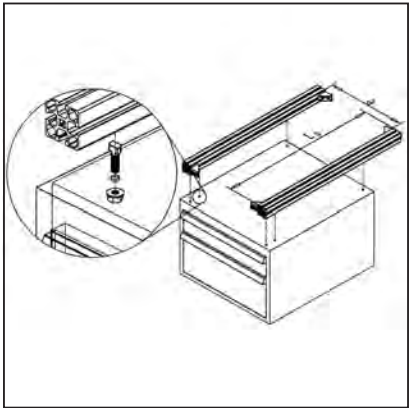
grey-green HF 0001	anthrazit RAL 7016
mignonette RAL 6011	red-orange RAL 2001
light grey RAL 7035	aluminium-silver RAL 9006
light blue RAL 5012	ruby RAL 3003
water blue RAL 5021	

*no extra charge applicable



FASTENING KIT COUNTER CABINET

part no. 32.0802/0



TECHN. DATA / ITEMS SUPPLIED

- 2 aluminum profiles 45x45 UL, anodized E6/EV1
- 4 mounting angles 45 GD with mounting material
- 4 hammer head screws with nuts M8
- Weight 3,309 kg
- Suitable for ESD-designs

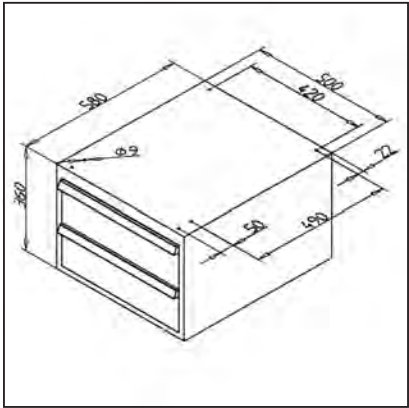
ASSEMBLY

- Mount onto baseframe at distance "a"
- Remove drawers from counter cabinet
- Preassemble hammer head screw to counter cabinet
- Counter cabinet with Hammer head screws into profile groove and tighten nuts
- With mounting set to strut profiles

ASSEMBLY

UNDER COUNTER CABINET WITH DRAWERS, DRAWER 150/150

part no. 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
- Weight 22,57 kg

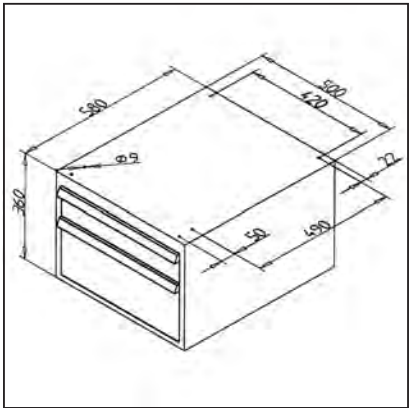
TECHN. DATA / ITEMS SUPPLIED

- 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 base frame with fastening kit **part no. 32.0802/0**
- Also in ESD-designs **part no. 32.0810/6**
- Optional: In different colours **part no. 32.0810/2**

UNDER COUNTER CABINET WITH DRAWERS, DRAWER 100/200 part no. 32.0811/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Weight 22,57 kg

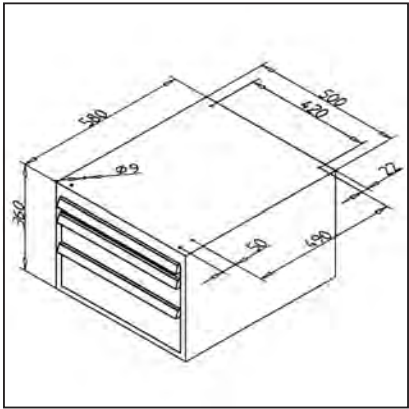
TECHN. DATA / ITEMS SUPPLIED

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

ASSEMBLY

- Onto base frame with fastening kit part no. 32.0802/0
- Also in ESD-designs part no. 32.0811/6
- Optional: In different colours part no. 32.0811/2

UNDER COUNTER CABINET WITH DRAWERS, DRAWER 50/100/150 part no. 32.0812/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Weight 33,00 kg

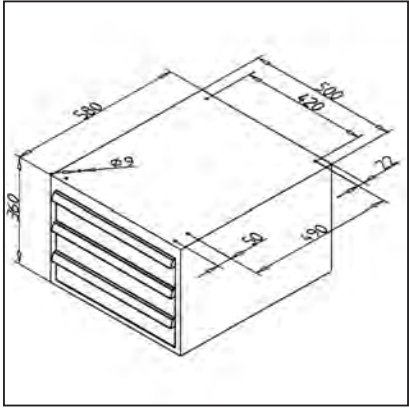
TECHN. DATA / ITEMS SUPPLIED

- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 360 mm
- Drawer inside dimension 50: B=425mm, T=485mm 100/150: B=425, T=550
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

ASSEMBLY

- Onto base frame with fastening kit part no. 32.0802/0
- Also in ESD-designs part no. 32.0812/6
- Optional: In different colours part no. 32.0812/2

UNDER COUNTER CABINET WITH DRAWERS, DRAWER 100/100/100
part no. 32.0813/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Weight 28,43 kg

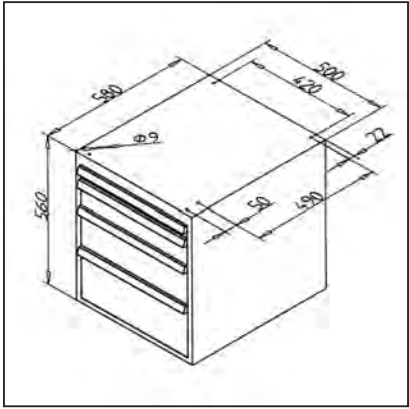
TECHN. DATA / ITEMS SUPPLIED

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

ASSEMBLY

- Onto base frame with fastening kit **part no. 32.0802/0**
- Also in ESD-designs **part no. 32.0813/6**
- Optional: In different colours **part no. 32.0813/2**

UNDER COUNTER CABINET WITH DRAWERS, SHELF 50/100/150/200
part no. 32.0814/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Large handle bar with label adapter
- Can be pulled out up to 80 %
- Individual drawer locking
- Weight 40 kg

TECHN. DATA / ITEMS SUPPLIED

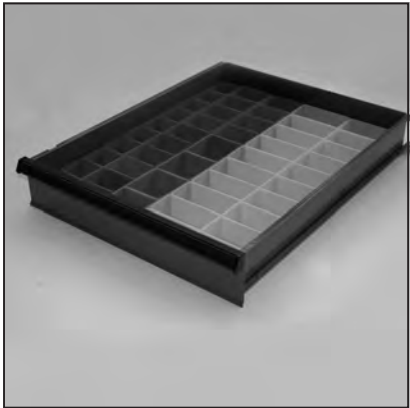
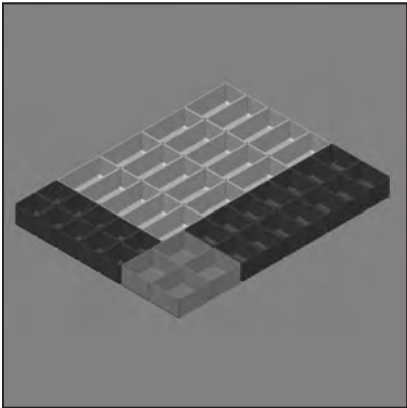
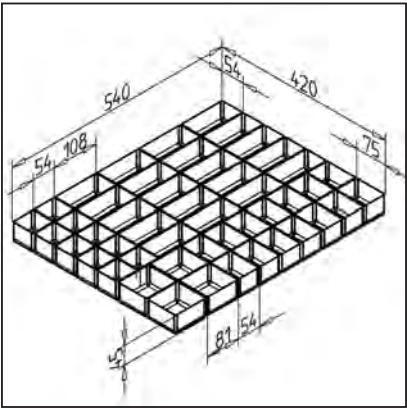
- Max. load per drawer: 35 kg
- Housing steel, light grey
- W x D x H= 500 x 580 x 560 mm
- Drawer inside dimension
50: B=425mm, T=485mm
100/150/200: B=425mm, T=550mm
- Max. load per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers

ASSEMBLY

- Onto base frame with fastening kit **part no. 32.0802/0**
- Also in ESD-designs **part no. 32.0814/6**
- Optional: In different colours **part no. 32.0814/0**

DRAWER CONTAINER SET 1

part no. 32.0807/0



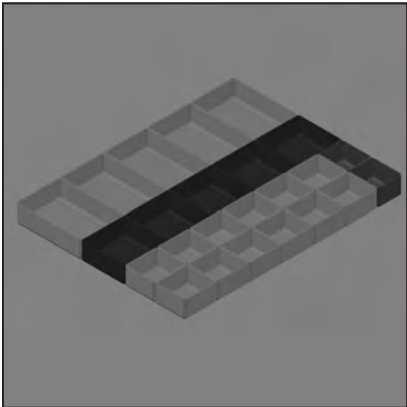
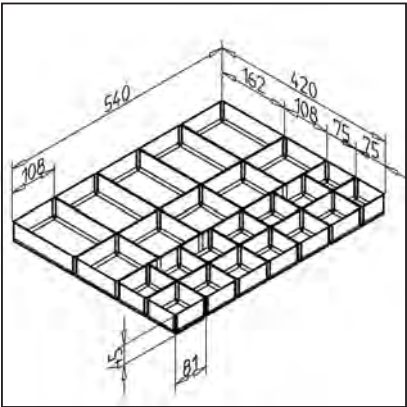
TECHN. DATA / ITEMS SUPPLIED	
- B x T 425 x 550 mm	
- For panel height 100-300 mm	
- 10 x case 54 x 54 x 45 mm	
- 20 x case 54 x 108 x 45 mm	
- 14 x case 54 x 75 x 45 mm	
- 4 x case 75 x 81 x 45 mm	
- Other arrangements on request	
- Impact polystyrene	
- Weight	1,06 kg

APPLICATIONS
- For the transparent arrangement of small parts

ASSEMBLY
- Easy to remove and reinstall

DRAWER CONTAINER SET 2

part no. 32.0808/0



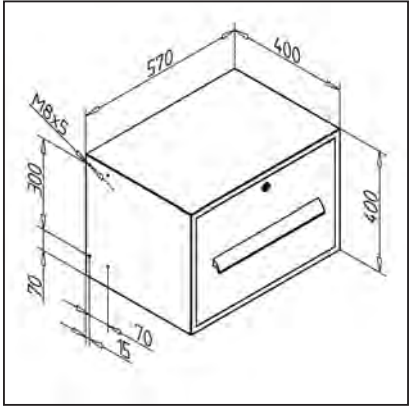
TECHN. DATA / ITEMS SUPPLIED	
- B x T 425 x 550 mm	
- For panel height 100-300 mm	
- 5 x case 108 x 108 x 45 mm	
- 5 x case 108 x 162 x 45 mm	
- 2 x case 54 x 75 x 45 mm	
- 12 x case 75 x 81 x 45 mm	
- Other arrangements on request	
- Impact polystyrene	
- Weight	0,965 kg

TECHN. DATA
- Housing steel, light grey

ASSEMBLY
- Easy to remove and reinstall

UNDER COUNTER CABINETS WITH DRAWERS FOR HANGING FILES

part no. 32.0817/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Drawer deliverable in gentian violet

APPLICATIONS

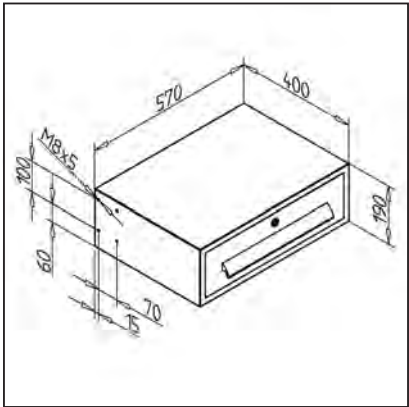
- Can be pulled out up to 80 %
- Large handle with label holder
- Especially suited for testing stations

ASSEMBLY

- Use side threads or custom bores

UNDER COUNTER CABINET WITH DRAWERS 200

part no. 32.0809/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Drawer deliverable in brilliant blue

APPLICATIONS

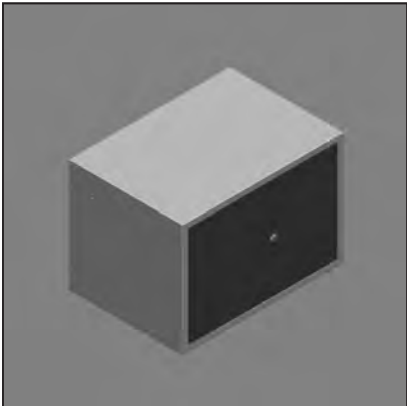
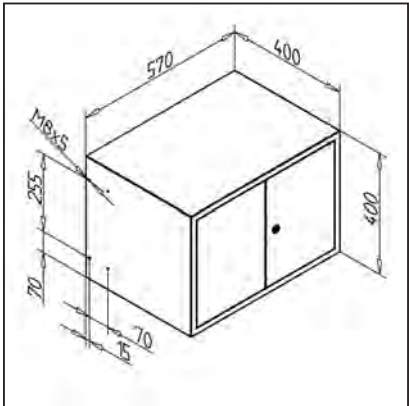
- Can be pulled out up to 80 %
- Large handle with label holder
- Especially suited for testing stations

ASSEMBLY

- Use side threads or custom bores

FLOOR CABINET WITH DOUBLE DOORS

part no. 32.0818/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- Doors delieverable in gentian violet

APPLICATIONS

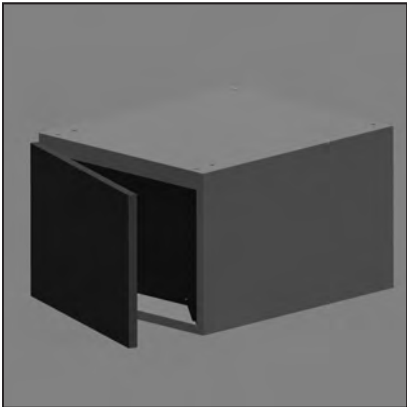
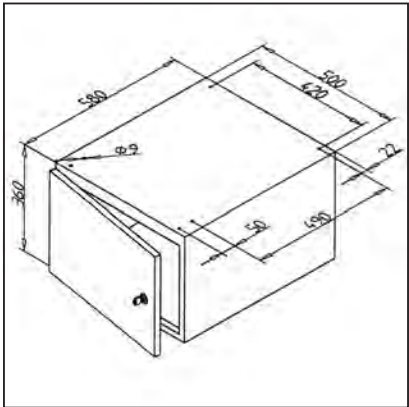
- Suitable for DIN A4 notebooks
- For 5 wide or 8 narrow DIN A4 notebooks
- Especially suited for testing stations

ASSEMBLY

- Use side threads or custom bores

UNDER COUNTER CABINET WITH DOORS, SMALL, LEFT

part no. 32.0815/0



TECHN. DATA / ITEMS SUPPLIED

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

TECHN. DATA / ITEMS SUPPLIED

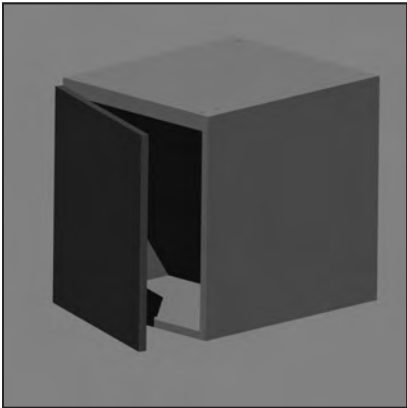
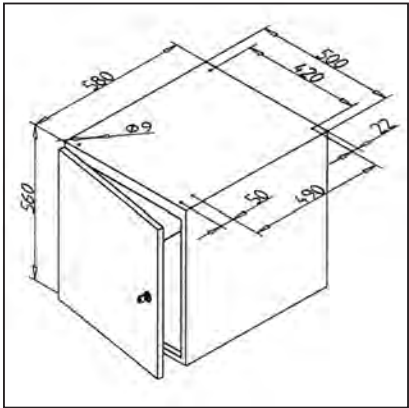
- Max. load per cabinet: 200 kg
- W x D x H= 500 x 580 x 360 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet
- Version right, part no. 32.0815/1

ASSEMBLY

- Onto base frame with fastening kit **part no. 32.0802/0**
- Optional in different colours, design left **part no. 32.0815/2**, design right **part no. 32.0815/3**

UNDER COUNTER CABINET WITH DOORS, LARGE, LEFT

part no. 32.0816/0



TECHN. DATA / ITEMS SUPPLIED

- Housing steel, light grey	
- Door: steel, blue	
- Weight	43,50 kg

TECHN. DATA / ITEMS SUPPLIED

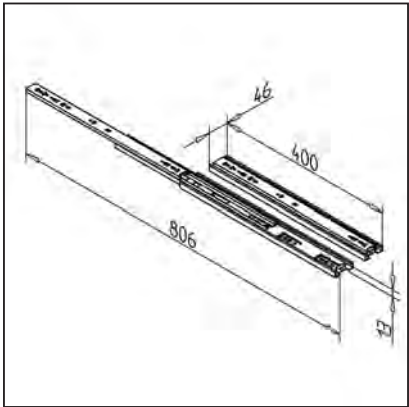
- Max. load per cabinet:	200 kg
- W x D x H=	500 x 580 x 560 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet	
- Under counter right,	part no. 32.0816/1

ASSEMBLY

- Onto base frame with fastening kit	part no. 32.0802/0
- Optional in different colours, design left	part no. 32.0816/2, design right
	part no.32.0816/3

TELESCOPIC GUIDE FULLY EXTENDABLE 400

part no. 32.0801/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- with self-closing	
- Max. load per drawer:	35 kg
- Assembly length 400 mm, extended length 406 mm	
- Other lengths 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

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

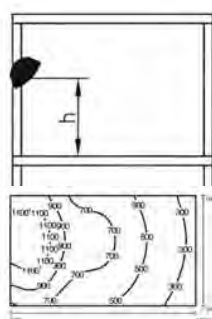
Glare sensation depends on luminous density, size of lighted surfaces and incident angle of light. Dazzling can be limited using reflectors, spill shields or built-in components. At the same time, sufficient shadow effect should be given for discriminating bodies and surfaces safely. All efforts should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

Illuminant color

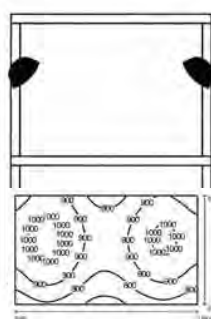
Illuminant color has great influence on psychic sensation. Normally neutral-white light (4000 k) is appreciated as relaxing and agreeable. Daylight-white lighting should only be provided for color test or quality control at high rated illuminance.

Illuminance depending on level h of luminaire against working surface

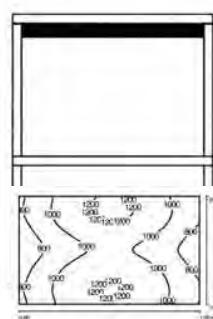
h	Side luminaire 36		2 x Side luminaire 36			Center luminaire 78		Luminaire 78,2 x Luminaire 36				Center luminaire 16	
	E/max	E/medium		E/max	E/medium	E/max	E/medium	X		E/max	E/medium	E/max	E/medium
[m]	[lx]	[lx]	[°]	[lx]	[lx]	[lx]	[lx]	[m]	[°]	[lx]	[lx]	[lx]	[lx]
0,75	1260	670				2045	1564						
1,00	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	



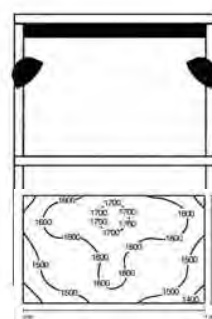
h = 750 mm



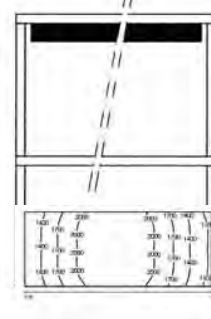
h = 1000 mm



h = 1000 mm



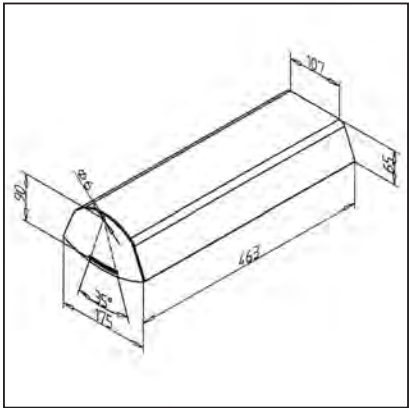
h = 1250 mm



h = 1250 mm

SIDE LUMINAIRE 36

part no. 33.0600/0



TECHN. DATA / ITEMS SUPPLIED

- 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: aluminum, light grey	
- Mounting set	
- Weight	2,1 kg

TECHN. DATA / ITEMS SUPPLIED

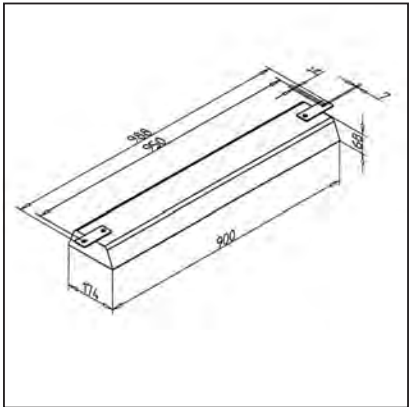
- Medium illuminance on working area at 1 m distance 533 lx
- Current consumption: 0.16 A
- Operating frequency: > 40 kHz
- Nominal voltage: 250 V - 50 Hz
- Lamp burning life: 12000 h
- Color of light 840 coolwhite (4000 k)

ASSEMBLY

- Fix into the profile groove with enclosed fastening kit

CENTER LUMINAIRE 78

part no. 33.0605/0



TECHN. DATA / ITEMS SUPPLIED

- 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 / ITEMS SUPPLIED

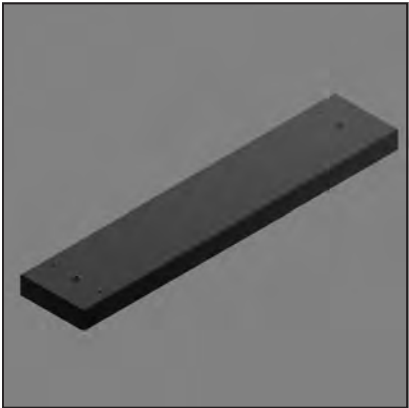
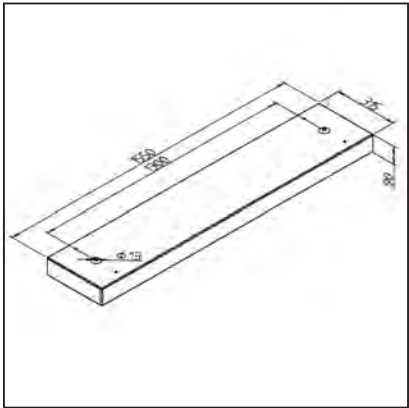
- Medium illuminance on useful plane at 1 m distance 1056 lx
- Current consumption: 0.38 A
- Operating frequency: > 40 kHz
- Nominal voltage: 250 V - 50 Hz
- Lamp burning life: 16000 h
- Color of light 840 coolwhite (4000 k), others on request
- Lamps with shatter protection on request

ASSEMBLY

- Fasten into the profile groove with enclosed fastening kit

CENTER LUMINAIRE 116

part no. 33.0610/0



TECHN. DATA / ITEMS SUPPLIED

- 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 / ITEMS SUPPLIED

- 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 (4000 k)

ASSEMBLY

- Fasten into the profile groove with enclosed fastening kit

WORKPLACE LIGHT 10 W LED | 20 W LED | 30 W LED LIGHT-ENGINE

SAL 10 LED: part no. 32.1120/1

SAL 20 LED: part no. 32.1121/1

SAL 30 LED: part no. 32.1123/1

PRODUCT DESCRIPTION

- Compact and robust light housing from self-supporting and anodized aluminium profile
- Integrated mounting groove (8 mm)
- Mains connection via built-in sockets WINSTA Midi (1 x IN, 1 x OUT) – alternatively 3 m input lead with Schuko plug
- Integrated ON/OFF switch
- Very good glare protection through micro-prismatic lens and additional diffuser film. By turning the film, the reflected glare on high-gloss surfaces can be reduced significantly.
- Profile end caps made of gray sheet steel, RAL 7012.
- Absolutely flicker-free because LEDs are DC operated; extremely low-loss through integrated electronic LED converter.
- Complete with 1 x LED light-engine a 10 W neutral white (840), latest generation.
- High luminous efficacy by high-gloss anodized reflectors.

PRODUCT BENEFITS

- Long-lasting, virtually maintenance-free lamp: LED lifespan up to 50.000 hours.
- High energy efficiency (112 lm/W): about 25 percent more light at half the energy consumption.
- Smooth, easy-to-clean, closed-back design
- Ready for connection to mains voltage, no separate power supply required.

STANDARDS AND GUIDELINES

The product complies with the European standards for electrical lighting, DIN EN 60598 (VDE 0711), the European standards for electromagnetic compatibility standards EN 55015, EN 61547, EN 61000-3-2, the EU Low Voltage and the EU EMC Directive.

INSTALLATION AND OPERATING INSTRUCTIONS

A maximum of 65 luminaires can be operated on a circuit breaker C13.



Workplace light available in different lengths

TECHNICAL DATA LED

SAL 10 LED

- Dimensions: 300 x 60 x 79 mm
- Protection: IP 20
- Protection category: I
- Connection voltage: 220-240V, 0/50...60 Hz
- Rated input current at 230 V: 0,06 A
- Illuminant: 1 x LED light-engine à 10 W
- Total flux: 1100 lm
- Luminous colour: neutral white 4000 K (840)
- Colour rendering index (CRI): 1B (Ra >80)
- Illumination level at 750 mm Abstand: 900 Lux

SAL 20 LED

- Dimensions: 585 x 60 x 79 mm
- Protection: IP 20
- Protection category: I
- Connection voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: 0,1 A
- Illuminant: 2 x LED light-engine à 10 W, 1 W
- Total flux: 2480 lm
- Luminous colour: neutral white 4000 K (840)
- Colour rendering index (CRI): 1B (Ra >80)
- Illumination level at 1000mm distance: 1100 Lux

SAL 30 LED

- Dimensions: 870 x 60 x 79 mm
- Protection: IP 20
- Protection category: I
- Connection voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: 0,15 A
- Illuminant: 3 x LED light-engine à 10 W, 1 W
- Total flux: 3720 lm
- Luminous colour: neutral white 4000 K (840)
- Colour rendering index (CRI): 1B (Ra >80)
- Illumination level at 1000 mm distance: 1500 Lux

WORKPLACE LIGHT 24 W LED | 36 W LED LIGHT-ENGINE - DIMMABLE

SAL 24 LED: part no. 32.1122/1

SAL 36 LED: part no. 32.1124/1

PRODUCT BENEFITS

- Long-lasting, virtually maintenance-free lamp: LED lifespan up to 50.000 hours.
- High energy efficiency ((119lm/W)
- Smooth, easy-to-clean, closed-back design
- Ready for connection to mains voltage, no separate power supply required.
- SwitchDIM-function: stepless dimmable via integrated buttons; dimming progress adapted to the eyes sensitivity
- Memory-function: After restart luminaire lights at the last dimmer setting

INSTALLATION AND OPERATING INSTRUCTIONS

- A maximum of 20 luminaires can be operated on a circuit breaker C13 (B13/max. 10).
- The luminaire is dimmable.

TECHNICAL DATA LED DIMMABLE

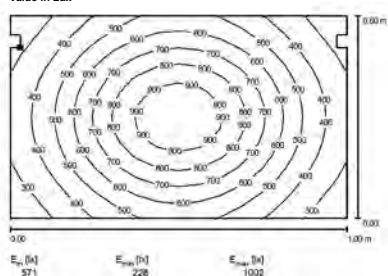
Workplace light 24 dimmable

- Dimensions: 585 x 60 x 79 mm
- Protection: IP 20
- Protection category: I
- Connection voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: ca. 0,12 A
- Illuminant: 2 x LED light-engine à 11,8 W
- Total flux: 2820 lm
- Luminous colour: neutral white 4000 K (840)
- Colour rendering index (CRI): 1B (Ra >80)
- Dimming range: 3 – 100%
- Illumination level at 1000 mm distance: 1200 Lux

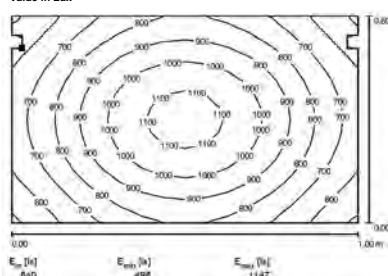
Workplace light 36 dimmable

- Dimensions: 870 x 60 x 79 mm
- Protection: IP 20
- Protection category: I
- Connection voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: ca. 0,17 A
- Illuminant: 3 x LED light-engine à 11,8 W
- Total flux: 4230 lm
- Luminous colour: neutral white 4000 K (840)
- Colour rendering index (CRI): 1B (Ra >80)
- Dimming range: 3 – 100%
- Illumination level at 1000 mm distance: 1700 Lux

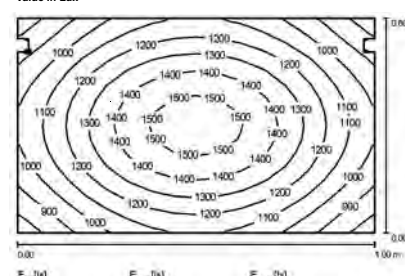
LED-SAL 10 - Test distance 75 cm / Isoline (E)
Value in Lux



LED-SAL 20 - Test distance 100 cm / Isoline (E)
Value in Lux



LED-SAL 30 - Test distance 100 cm / Isoline (E)
Value in Lux



FASTENING KITS



Fastening kit
Workplace light PA
part no. 32.1130/0



Fastening kit
Workplace light angle adjustable
part no. 32.1131/0



Fastening kit
Workplace light stainless steel
part no. 32.1132/0

LUMINAIRE LUCIDUS

Luminaire 24 W, part no. 32.1140/0

Luminaire 36 W, part no. 32.1141/0

Luminaire 56 W, part no. 32.1142/0



Recessed light on profile

DESCRIPTION

The Luminaire Lucidus illuminates the workspace in an optimal way. At the workbench, on machines, at home, in the office and in many other places.

- Size of the light suitable for MiniTec profile 45x45
- Can be integrated into MiniTec frame structures
- Resilient according to MiniTec profile
- Standard lengths 446 mm, 646 mm and 1016 mm - special lengths available
- High luminosity
- Low voltage operation (24 V), therefore completely harmless
- Lighting installation possible without expert
- IP68 (waterproof) design possible
- Colored RGB-LEDs available
- Suitable for manual workstations, exhibition stands, machinery, Milling machines, turning centres, designer lamps, Illuminated advertising, exhibition equipment
- Easy to clean

SPECIFICATIONS

EN55015:2006, EN61000 und EN61547:2009

SCOPE OF DELIVERY

- Lights in respective length, power supply and LED sensor dimmer part no. 32.1147/0

ADVANTAGES

- Can be used directly as a profile
- Attachment possible with all fasteners from the MiniTec profile system
- Long-lasting, virtually maintenance-free lamp: LED lifetime up to 50000 hours
- High energy efficiency
- Can be operated via an existing 24 V power supply
- Easily dimmable
- Special lengths available



Optimal adjustment of the illumination by a dimmer

LUMINAIRE LUCIDUS

Fixation plate for luminaire Lucidus, part no. 32.1148/0

Attachment possible with all fasteners from the MiniTec profile system

MOUNTING OPTIONS



*Side bracket
adjustable / rotatable*

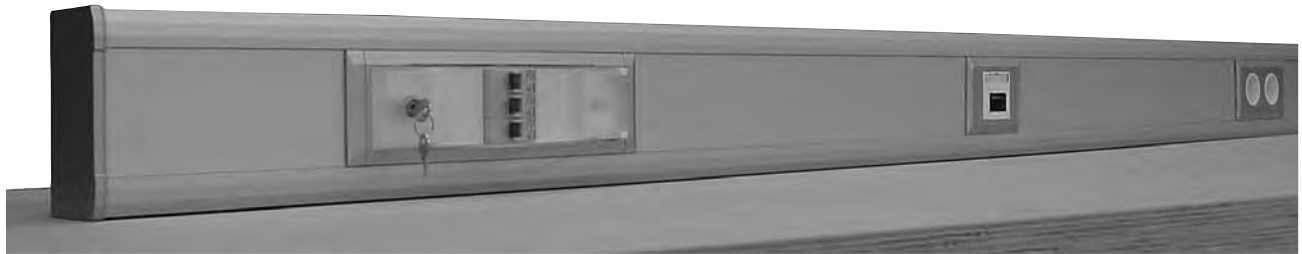


*Upper Bracket
adjustable / rotatable*

TECHNICAL DATA

TYPE	Lucidus 24 part no. 32.1140/0	Lucidus 36 part no. 32.1141/0	Lucidus 56 part no. 32.1142/0
Total length	446 mm	646 mm	1016 mm
Lighted length	430 mm	630 mm	1000 mm
Lighted width	40 mm	40 mm	40 mm
Luminaire profile width	45 mm	45 mm	45 mm
Luminaire profile height	45 mm	45 mm	45 mm
Mounting groove (backside)	8 mm	8 mm	8 mm
Bulbs	SMD LED	SMD LED	SMD LED
Supply voltage	24 V	24 V	24 V
Power	24 W	36 W	56 W
Luminance (in 1000 mm distance)	684 lx	922 lx	1284 lx
Colour temperature SMD LED	approx. 5800 K (daylight white)	approx. 5800 K (daylight white)	approx. 5800 K (daylight white)
Expected life in hours	> 50000	> 50000	> 50000

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 no. 32.0715/0

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

COVER FOR CONDUIT 130

part no. 32.0716/0

Press cover onto profile

END PANEL FOR CONDUIT 130

part no. 32.0717//0

molded plastic article

lacquered in aluminum color

ENERGY SUPPLY DUCTING SYSTEM COMPONENT INSERTION

KEY-OPERATED SWITCH

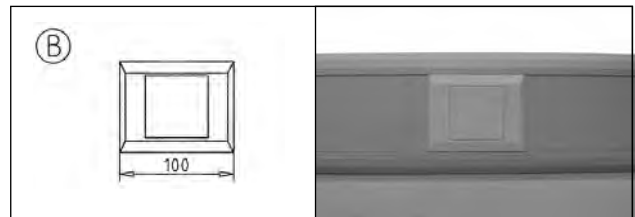
PART NO. 32.0720/0



■ 16 A, two-pole

TWO-WAY SWITCH

PART NO. 32.0725/0



■ 16 A, single-pole

OVERVOLTAGE PROTECTION

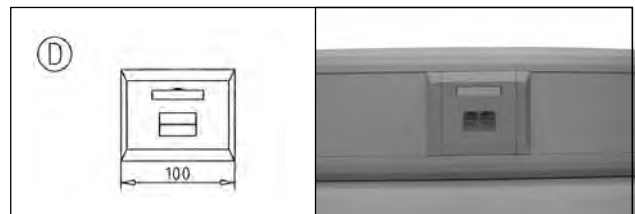
PART NO. 32.0721/0



■ UN = 230V AC

DATA CONNECTION BOX CAT6

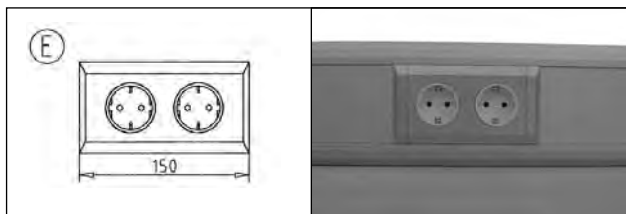
PART NO. 32.0722/0



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

CHANNEL SOCKET

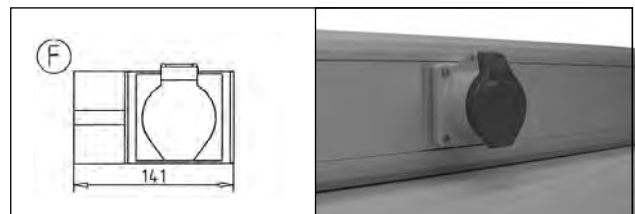
PART NO. 32.0723/0



■ with protective contact according to DIN

SOCKET CEE 16A

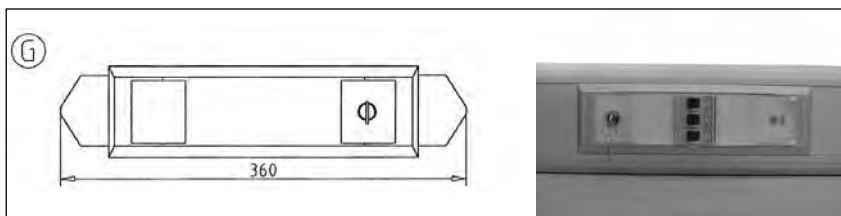
PART NO. 32.0724/0



■ for plugs DIN, five-pole

FLUSH-MOUNTING DISTRIBUTION BOARD

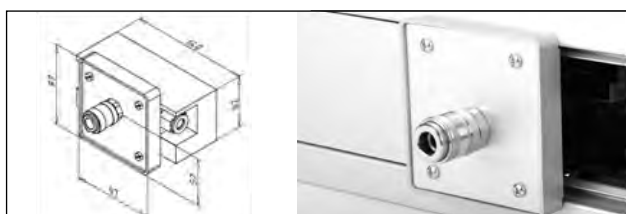
PART NO. 32.0730/0



■ 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.

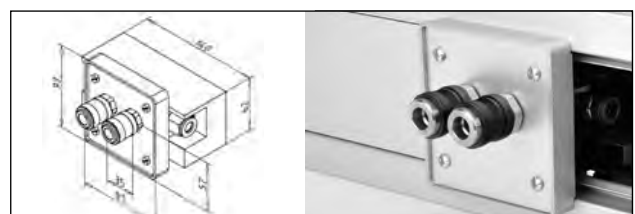
PNEUMATIC SINGLE

PART NO. 32.0740/0



PNEUMATIC DOUBLE

PART NO. 32.0741/0

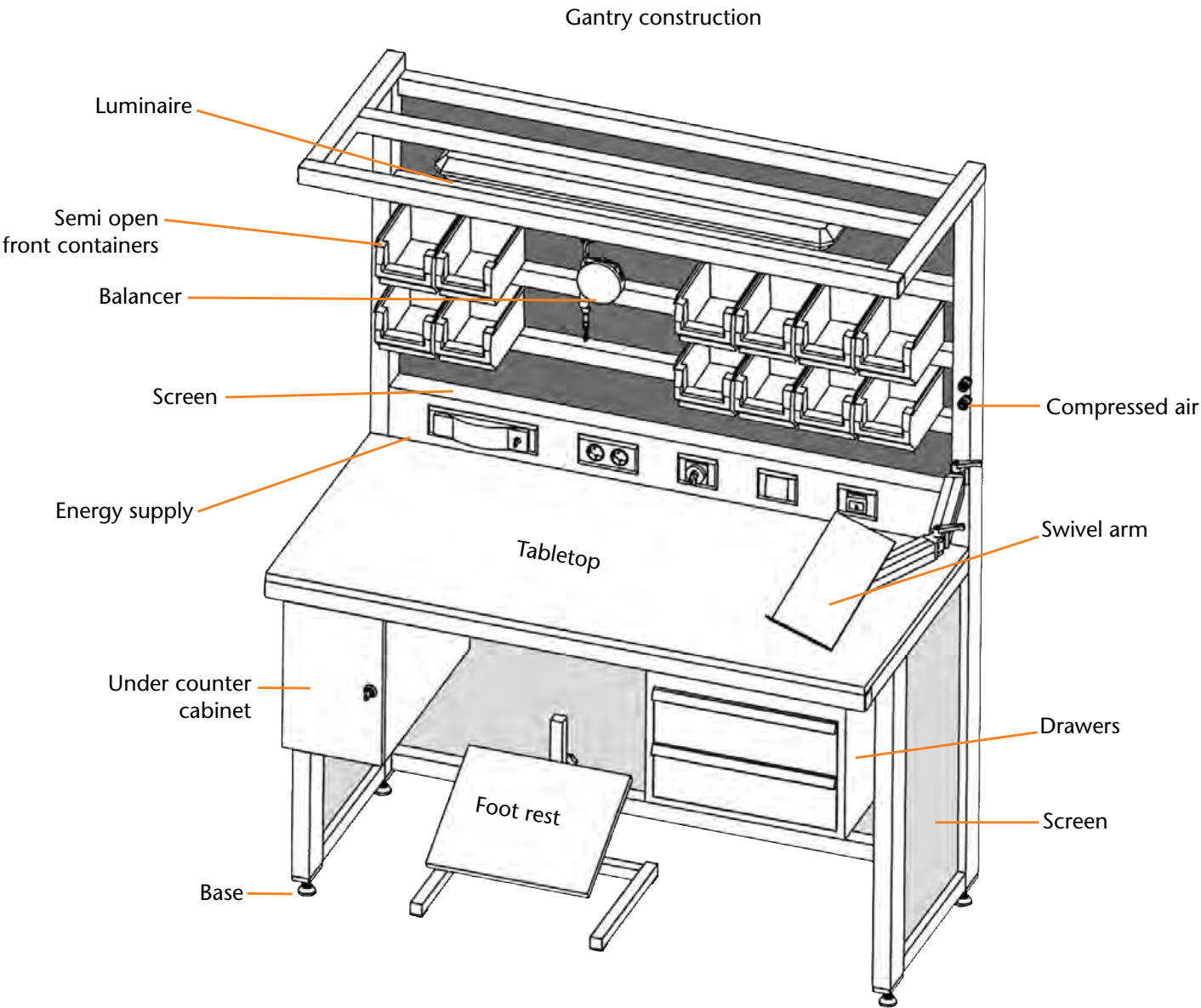


ACCESSORIES

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.

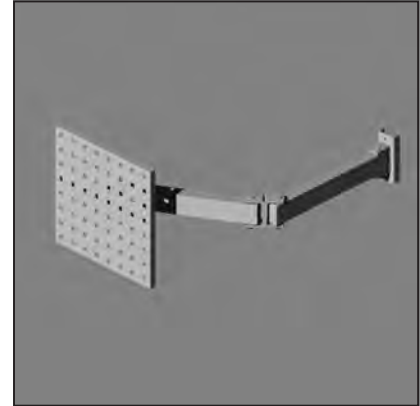
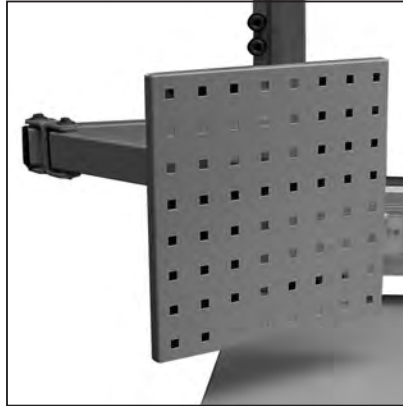
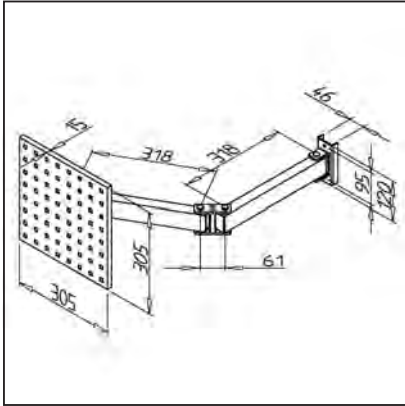
Auxiliary equipment which helps to avoid loads and to keep the workplace clear, noticeably improve efficiency at reduced employees' stress.

COMPONENTS FOR WORKPLACE SYSTEMS



TOOL SUPPORT

part no. 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. 150 N
- Weight 4,10 kg

APPLICATIONS

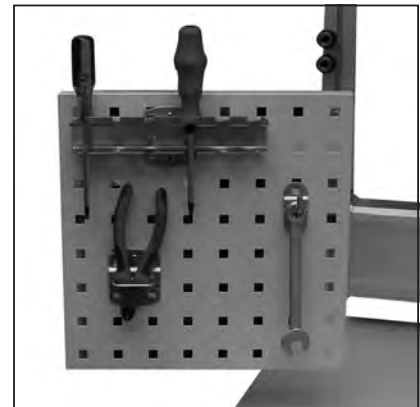
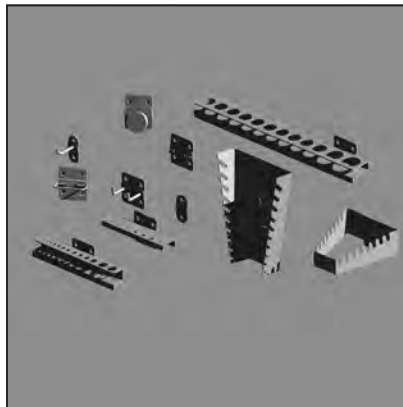
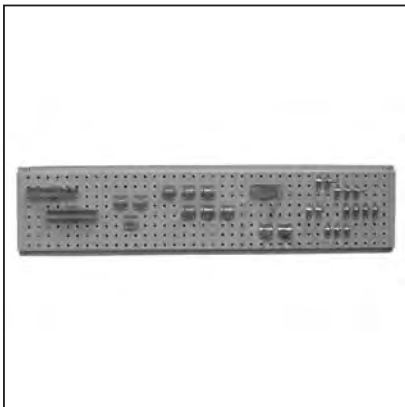
- For tool holders in gripping reach
- Provision of tools

ASSEMBLY

- Fasten onto portal structure

TOOL HOLDER SET

part no. 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
- Weight 2,00 kg

TECHN. DATA / ITEMS SUPPLIED

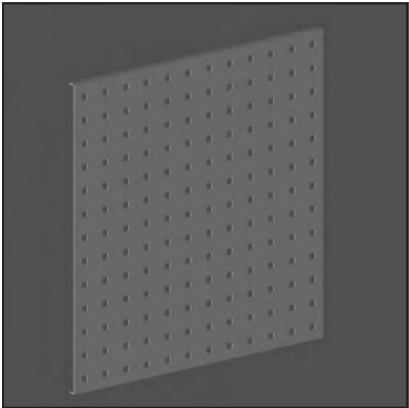
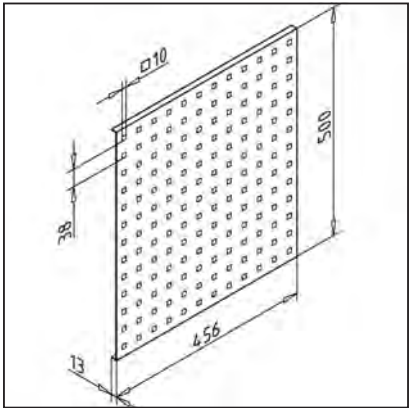
- 1 wrench holder
- 1 screwdriver holder
- 2 universal holders, 4-fold
- 1 drill/hexagon socket holder
- Without holder plate

ASSEMBLY

- Hook onto mounting plate and secure with included screws
- Optional: in ESD-design part no. 32.0530/6

TOOL HOLDER PLATE

part no. 32.0635/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, anthracite gray, 1.25 mm thick powder-coated
- Square hole perforation 10 x 10 mm at 38 mm grid pattern
- Height 456 mm
- Width 500mm

OTHER VERSIONS

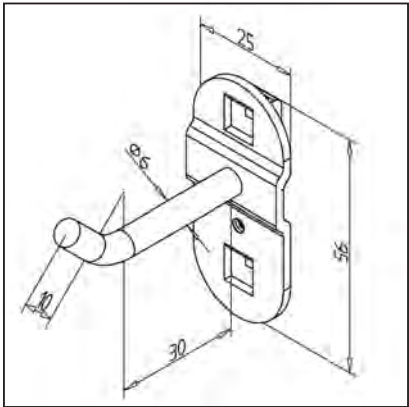
- Width B 1000 mm, **part no. 32.0636/0**
- Width B 1200 mm, **part no. 32.0637/0**
- Width B 1500 mm, **part no. 32.0638/0**
- Width B 2000 mm, **part no. 32.0639/0**

ASSEMBLY

- Fasten onto portal structure

TOOL HOLDER WITH SLANTED HOOK ENDS

part no. 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

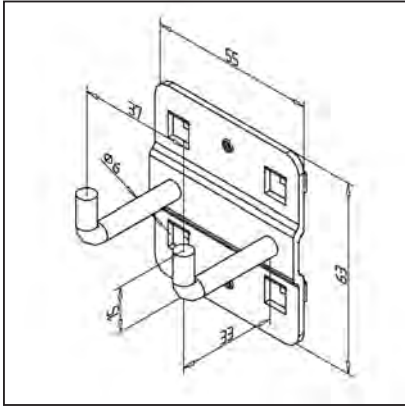
- Provision of tools at workplace

ASSEMBLY

- Hook onto mounting plate and secure with included screws

TOOL HOLDER WITH VERTICAL HOOK ENDS

part no. 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

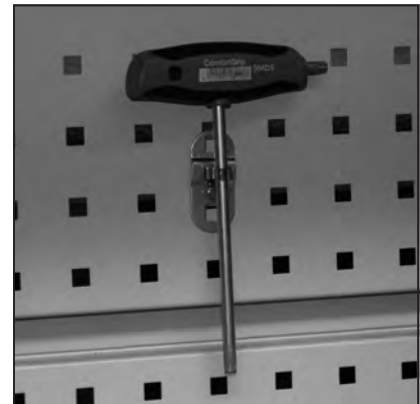
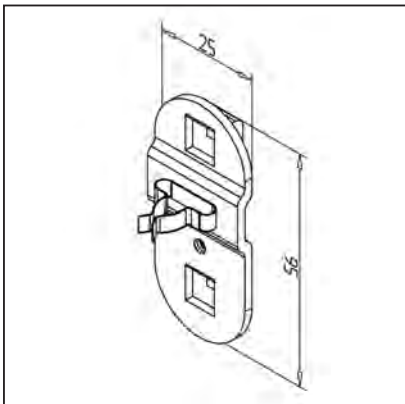
- Provision of tools at workplace

ASSEMBLY

- Hook onto mounting plate and secure with included screws

SINGLE TOOL CLAMP, SMALL BASE PLATE

part no. 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

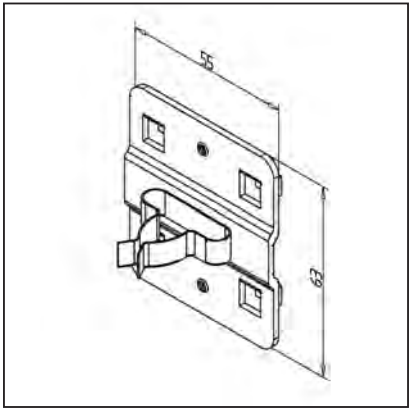
- For tools and cylindrical parts of approx. \varnothing 10 mm

ASSEMBLY

- Hook onto mounting plate and secure with included screws

SINGLE TOOL CLAMP, LARGE BASE PLATE

part no. 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

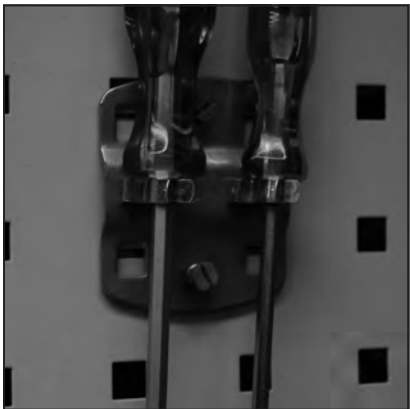
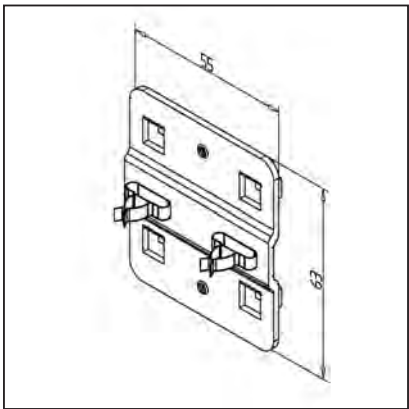
- For tools and cylindrical parts of approx. ø 25 mm

ASSEMBLY

- Hook onto mounting plate and secure with included screws

DOUBLE TOOL CLAMP

part no. 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

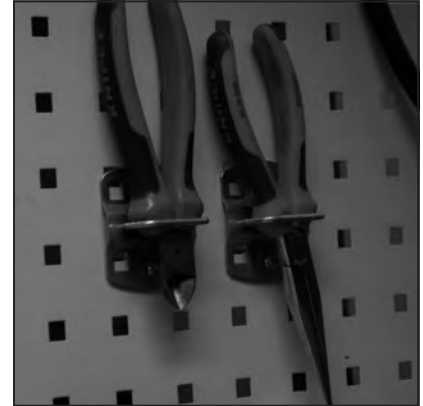
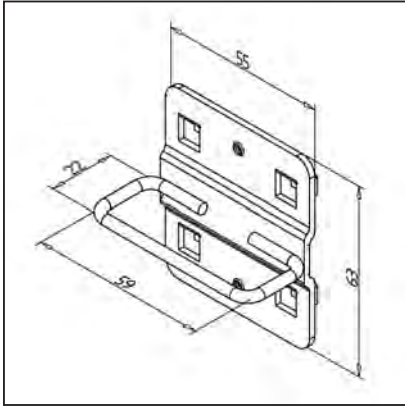
- For tools and cylindrical parts of approx. ø 10 mm

ASSEMBLY

- Hook onto mounting plate and secure with included screws

PLIERS HOLDER

part no. 32.0531/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

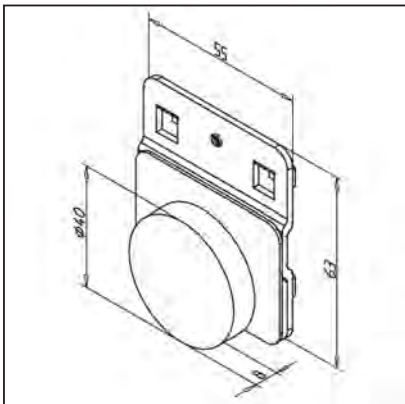
- Provision of tools at workplace

ASSEMBLY

- Hook onto mounting plate and secure with included screws

MAGNETIC HOLDER

part no. 32.0515/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

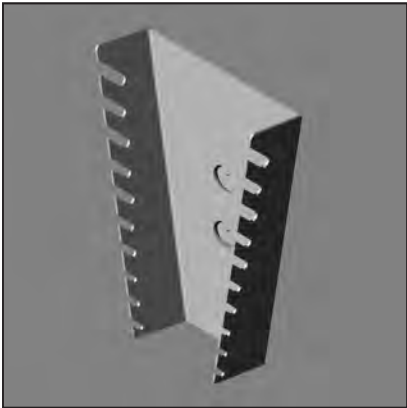
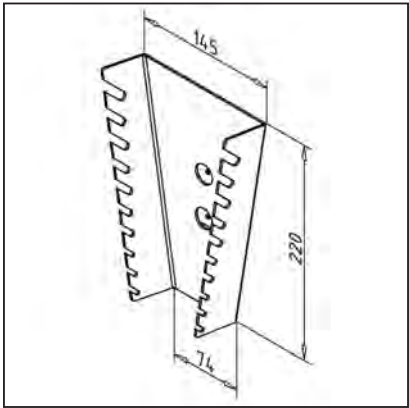
- For provision of steel tools

ASSEMBLY

- Hook onto mounting plate and secure with included screws

VERTICAL SPANNER HOLDER

part no. 32.0521/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

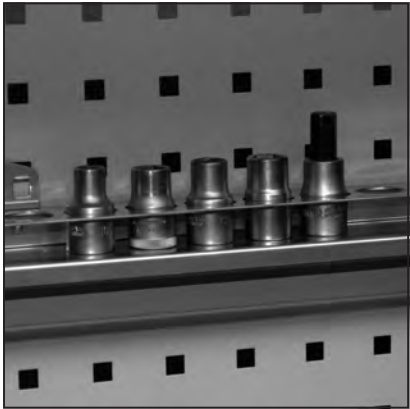
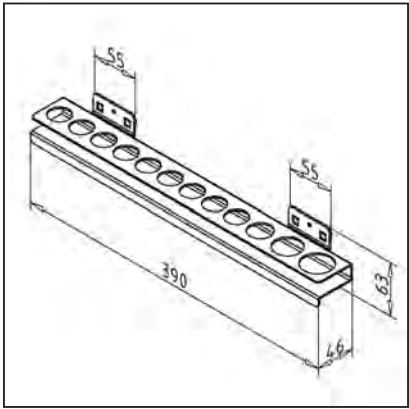
- Holder for open-ended or ring spanners

ASSEMBLY

- Hook onto mounting plate and secure with included screws

SOCKET HOLDER

part no. 32.0519/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

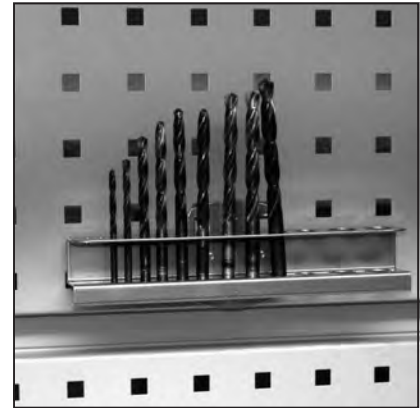
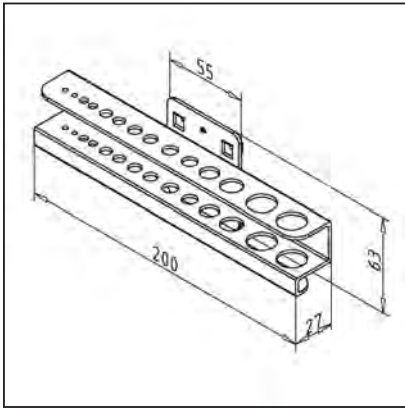
- Holder for sockets for socket wrench, 9x d=25, 1x d=27, 1x d=32, 1x d=35

ASSEMBLY

- Hook onto mounting plate and secure with included screws

DRILL AND ALLEN KEY HOLDER

part no. 32.0504/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

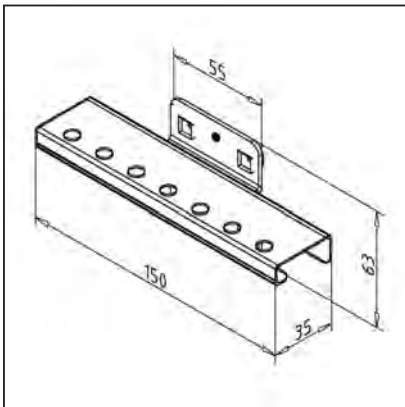
- Drill holder for 14 parts

ASSEMBLY

- Hook onto mounting plate and secure with included screws

BIT HOLDER

part no. 32.0503/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

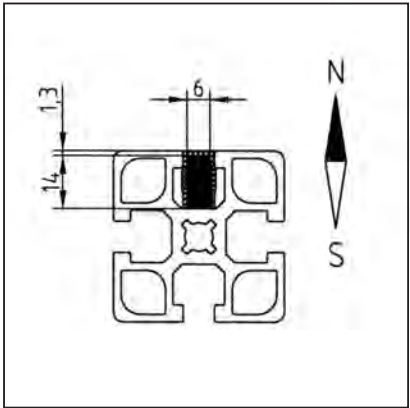
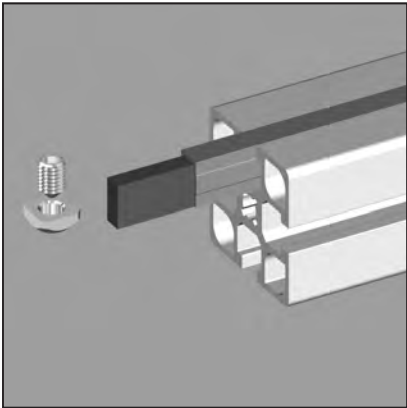
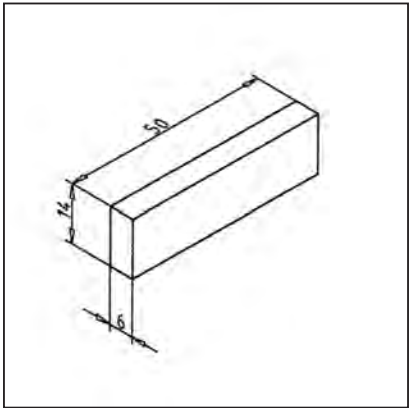
- Bit holder for 7 bits

ASSEMBLY

- Hook onto mounting plate and secure with included screws

MAGNET 6 X 14 X 50

part no. 21.0032/0



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, $JH_c = 955 \text{ kA/m}$
- max. service temperature $+120 \text{ }^\circ\text{C}$
- Without fastening kit
- Weight $0,033 \text{ kg}$
- Attention: Electric- and memory devices can be faulted by the magnet

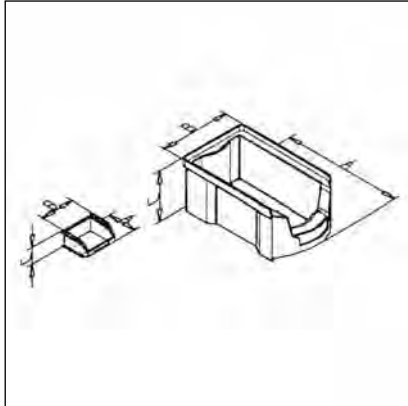
APPLICATIONS

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

ASSEMBLY

- Snap or slip the cover profile into profile groove
- Insert magnet into t-slot
- For fastening: (mighty recommended)
Use end cap AL, set screw with square nut or t-slot bar

SEMI-OPEN FRONT CONTAINERS

**TECHNICAL 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)

APPLICATION

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

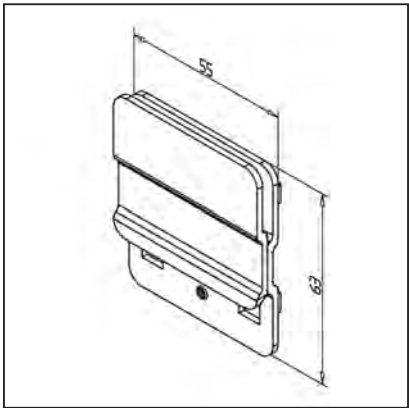
ASSEMBLY

- 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 no.	Dimension A	Dimension B	Dimension C	colour
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

SEMI-OPEN FRONT CONTAINER HOLDER, SINGLE

part no. 32.0509/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

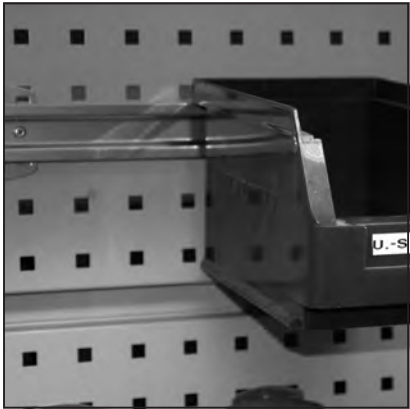
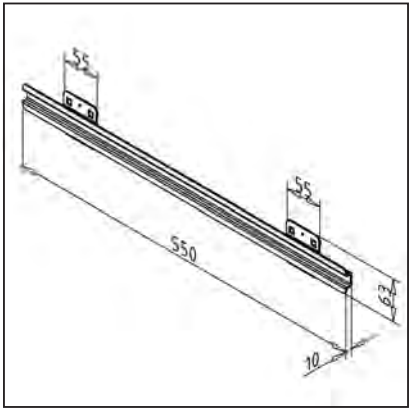
- Holder for open front containers

ASSEMBLY

- Hook onto mounting plate and secure with included screws

SEMI-OPEN FRONT CONTAINER HOLDER, MULTIPLE

part no. 32.0532/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

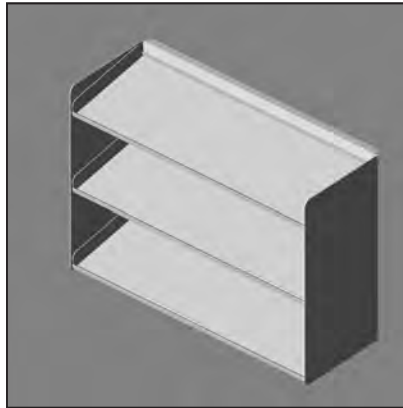
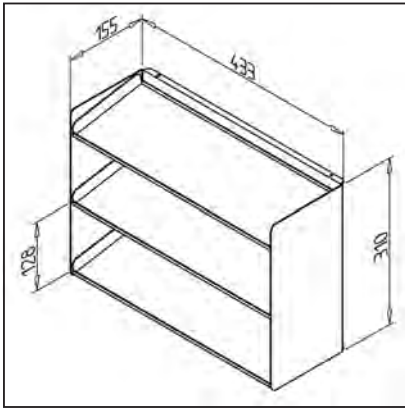
- Holder for open front containers Size 8

ASSEMBLY

- Hook onto mounting plate and secure with included screws

SEMI OPEN FRONT CONTAINER RACK

part no. 32.0514/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated grey	
- 3 levels	
- Weight	3,8 kg

APPLICATIONS

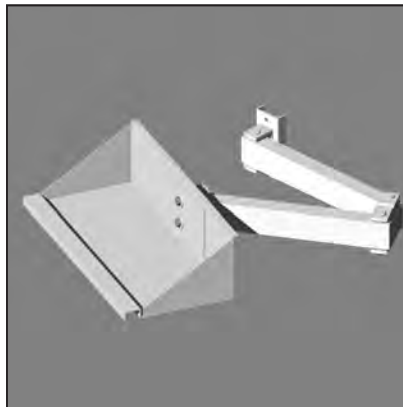
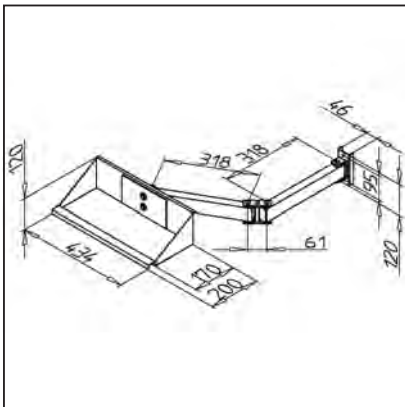
- For semi open front containers and small hardware
- For max. 12 semi open front containers, L= 165 mm, W= 105 mm, H= 75 mm

ASSEMBLY

- Fasten onto portal structure
- Free-standing or pivoting in connection with holder **part no. 32.0516/0**
- Optional: in ESD-design **part no. 32.0514/6**

HOLDER, SEMI OPEN FRONT CONTAINER

part no. 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.	150 N
- Weight	4,30 kg

APPLICATIONS

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

ASSEMBLY

- Assembly on vertical strut of portal construction
- Optional: in ESD-design **part no. 32.0516/6**

KANTAINER

The new developed **KanTainer** provides an ideal method to implement the principles of lean-production using kanban-control.



In combination with the mounting solutions and the ergonomic designed working places of MiniTec, a complete, safe and economic all-round-package for your manual production is ensured.

The **KanTainer** is optimized for maximum stock utilisation, helping to keep the working place operational and productive.

The **KanTainer** offers you a solution to simplify storage and control production demands. With our extensive MiniTec modular profile system and compatible system components, we can solve many of your problems within manual assembly and production processes.

FUNCTIONS

- For integrated Kanban-system:
No decanting – removes potential refilling errors
- The retractable pull-out-grip cavity ensures total use of storage rack
- Easy access to parts via the ergonomic grip cavity
- Transparent cover protects against dirt and mixing of parts
- Security against accidental opening of the grip cavity or losses with cover fitted
- Easy content control
- The transparent metering disc makes it easy to check the remaining quantity
- The metering disc avoids uncontrolled trickling of small parts
- Safe stacking of KanTainer with holding pins
- Labelling on front and rear to avoid misidentification
- Holding device on back side of container
- Bottom-side guide rails for longitudinal and transverse transport

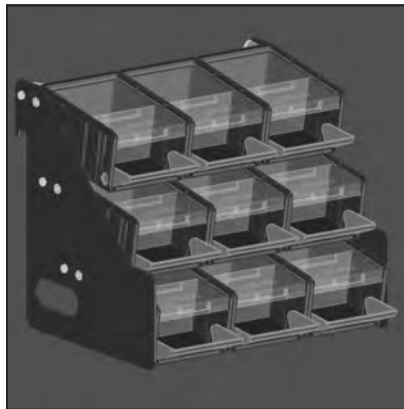
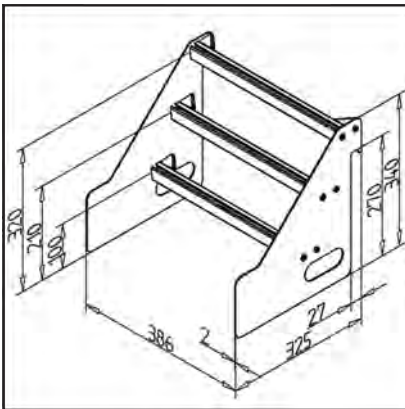
TECHNICAL DATA

Dimensions:	175x126x88 [mm]
Load capacity:	50 kg
Content capacity:	5 kg
Temperature resistance:	-20°C up to +90°C
Material:	Polypropylen, Polystyrol
Colour:	Basalt grey (RAL 7012) [part no.: 32.0870/0] Orange (RAL 2004) [part no.: 32.0870/1] Black ESD-conductive [part no.: 32.0870/5]

NEW The ESD conductive KanTainer is the optimal and logical complement to our ESD workstation systems.



part no. 32.0876/0



APPLICATIONS

ASSEMBLY

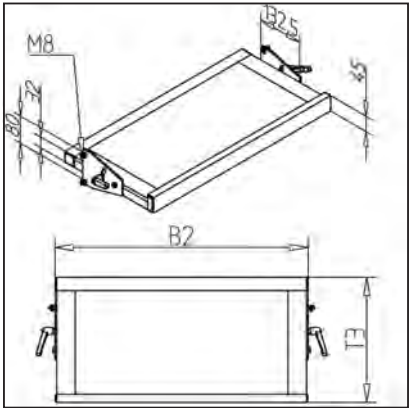
- | | |
|------------------------------------------|--------|
| - Side panels steel, powder coated, grey | |
| - Intermediate struts of profile 23 x 30 | |
| - Delivery as construction set | |
| - Fastening kit | |
| - Weight | 3,4 kg |

- Carrying of nine KanTainers
- Adjustable inclination
- Can be suspended in the profile slot with the hooks on the backside of the rack

- Connection of profiles with side panels by supplied mounting angles and fastening kit

DEPOSITING CONSOLE

part no. 32.0501/0



TECHN. DATA / ITEMS SUPPLIED

- Stable frame made of aluminum profiles, anodized E6/EV1
- Shelf for cabinet, chipboard, light grey
- Front edge 13 mm, set on edge
- Load max. 400 N
- ESD on request
- Please state table width B2 and depth T3

APPLICATIONS

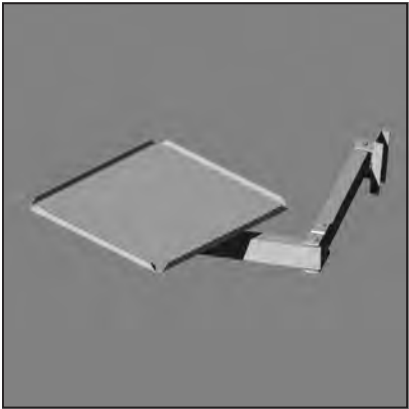
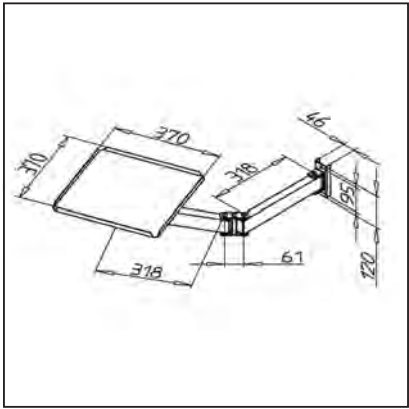
- Continuously inclinable from -30° to +30°
- Rack is adjustable

ASSEMBLY

- Attachment to portal construction with 2 swivel panels
- without clamp lever **part no. 32.0501/1**

DEPOSITING BOARD/MONITOR SUPPORT ROTATABLE

part no. 32.0512/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey
- Double-hinged version, length 430 mm
- Monitor and keyboard panel rotatable
- Monitor panel: 370 x 370 mm
- Load max. 150 N
- Weight 4,20 kg

APPLICATIONS

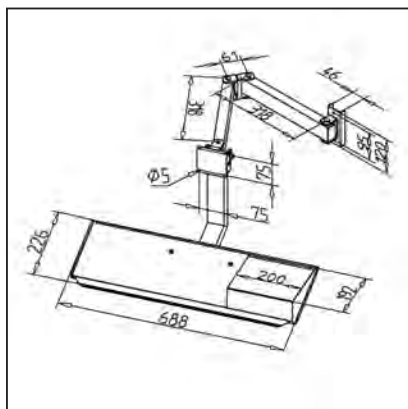
- Provision of IT data, guidelines, Internet connection

ASSEMBLY

- Screw tight to portal construction
- Monitor support with keyboard panel: 485 x 190 mm **part no. 32.0513/0**
- Optional: in ESD-design **part no. 32.0512/6**

MONITOR CARRIER WITH KEYBOARD STORAGE TFT

part no. 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. 150 N
- Delivered ready to assemble
- ESD on request
- Weight 7,40 kg

APPLICATIONS

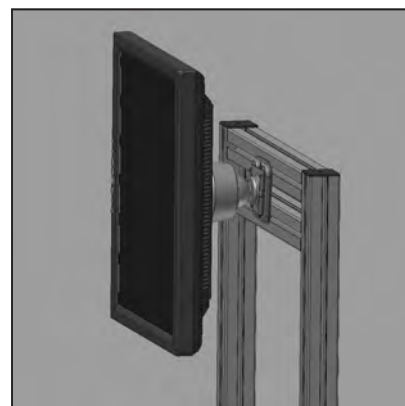
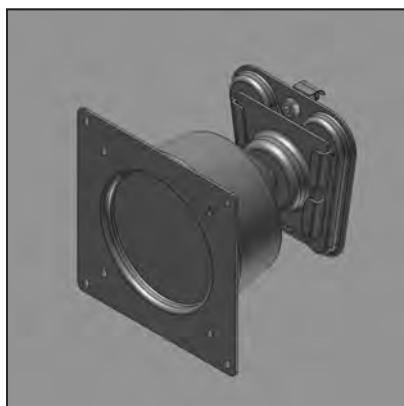
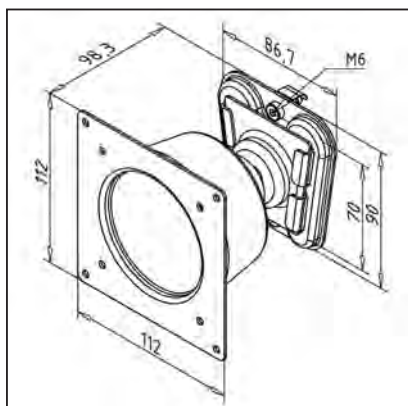
- The mouse rack is shiftable and therefore suitable for right and left-handers

OTHER VERSIONS

- Monitor Carrier with keyboard storage TFT, VESA connection adapter 75 mm, **part no. 32.0517/0**
- Monitor Carrier with keyboard storage TFT, VESA connection adapter 100 mm, **part no. 32.0517/1**
- Monitor Carrier without keyboard storage TFT, VESA connection adapter 75 mm, **part no. 32.0525/0**
- Monitor Carrier without keyboard storage TFT, VESA connection adapter 100 mm, **part no. 32.0526/0**

MONITOR CARRIER V 100

part no. 32.0053/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated black
- Fastening kit
- Load capacity max. 150 N
- Weight 0,568 kg

APPLICATIONS

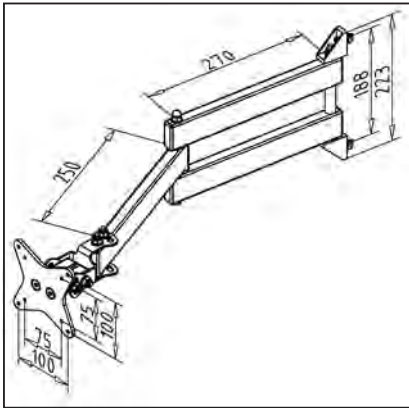
- Swivable with ball joint
- Monitor can be rotated through 180°
- For VESA standard 75 x 75 mm / 100 x 100 mm

ASSEMBLY

- Fasten into profile groove with fastening kit enclosed

MONITOR CARRIER WITH HINGED BRACKET

part no. 32.0620/0



TECHN. DATA / ITEMS SUPPLIED

- Hinged bracket: aluminium anodized
- Fixing plate: steel, powder coated grey
- With double-joint winged cantilever
- Load capacity max. 120 N
- Weight 1,6 kg

APPLICATIONS

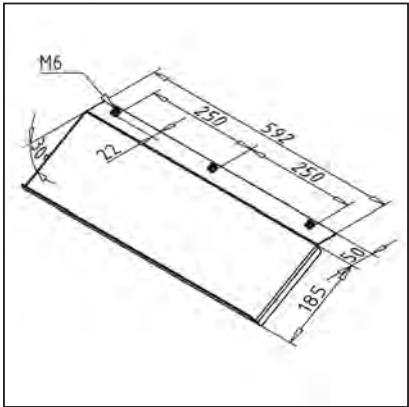
- Working place ergonomics
- Laterally swiveling of operating range
- Large swivel range
- For VESA standard 75 x 75 mm / 100 x 100 mm

ASSEMBLY

- Fasten into profile groove with fastening kit enclosed

KEYBOARD STORAGE

part no. 32.0518/0



TECHN. DATA / ITEMS SUPPLIED

- Stainless steel 2mm, grounded
- Rustproof
- Load max. 150 N
- For standard keyboards
- With slide nuts M6Z, ESD-capable
- Weight 2,477 kg
- With fastening kit

APPLICATIONS

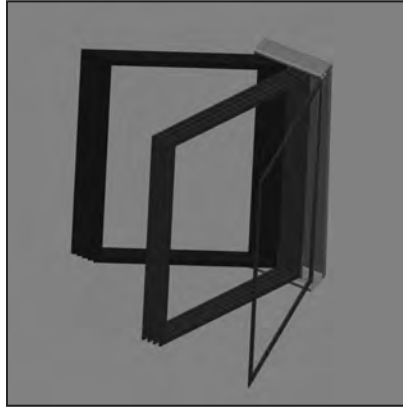
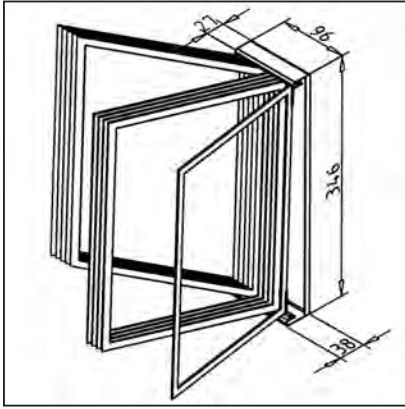
- For setting the keyboard on the workplace

ASSEMBLY

- Use fastening kit

DOCUMENT SUPPORT

part no. 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	
- Weight	1,24 kg

APPLICATIONS

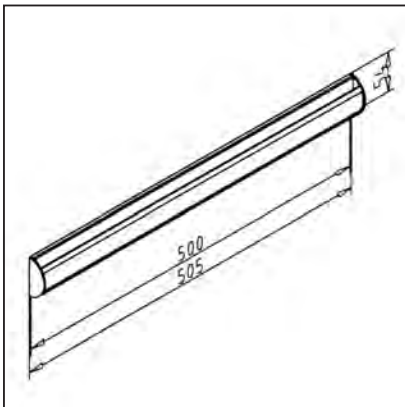
- Provision of job instructions, maintenance notes
- Control boards, general information
- Screw tight onto portal construction

ASSEMBLY

- Fastening with 2 hex socket cap screws M 06 x 16, 2 square nut M6 into profile groove
- Screw tight onto portal construction
- ESD-design **part no. 32.0605/6**

DOCUMENT BAR

part no. 32.0610/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

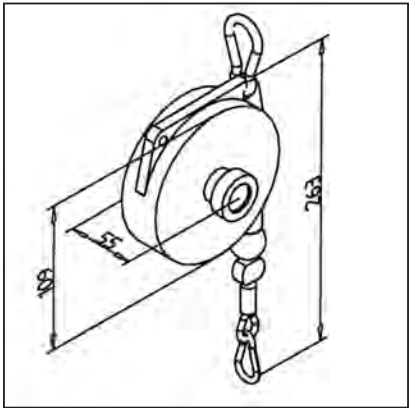
- Safe attachment of large drawings, instructions, plans
- Simply slip-in papers from below
- Attach to portal construction by screwing or gluing with double-faced adhesive tape

ASSEMBLY

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

BALANCER

part no. 29.0111/0



TECHN. DATA / ITEMS SUPPLIED

- For tool weights 2-3 kg
- Higher weights upon inquiry
- Weight 0,75 kg

APPLICATIONS

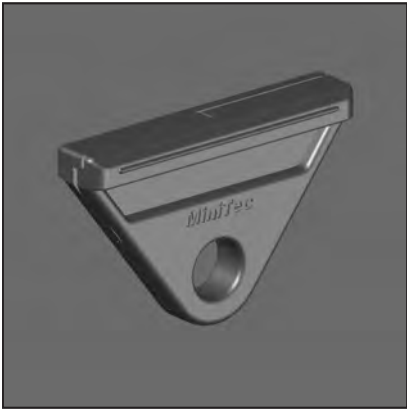
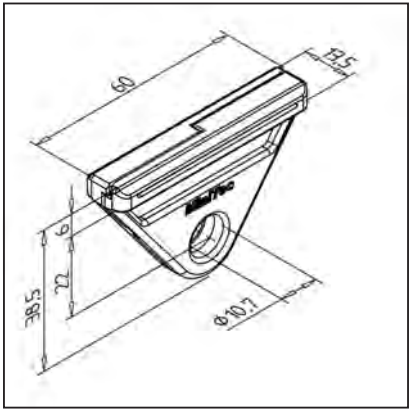
- Grab-supportive tool suspensions

ASSEMBLY

- With tool hanger **part no. 21.1769/0**

TOOL HANGER H

part no. 22.1213/0



TECHN. DATA / ITEMS SUPPLIED

- ABS, grey
- for all profiles
- Weight 0,010 kg
- load capacity up to 600 N

APPLICATIONS

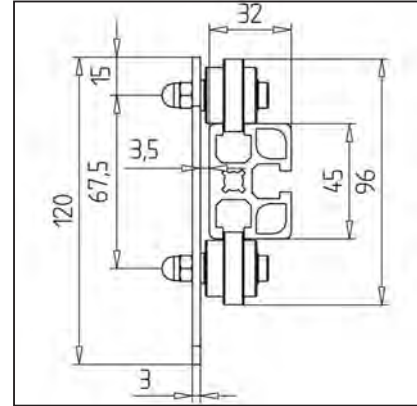
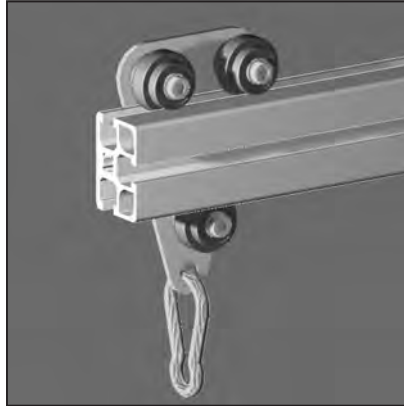
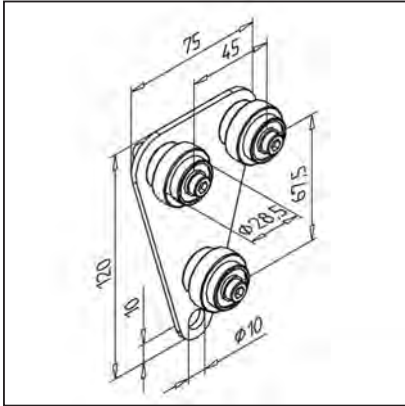
- Tool suspensions

ASSEMBLY

- insert both halves in profile groove and press together
- also suitable for subsequent assembly
- optional: snap-hook 60x6 **part no. 21.1699/0**

TOOL SLIDE

part no. 32.0545/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|---------------------|-----------|
| - Stainless steel | |
| - Rollers: ABS grey | |
| - Weight | 0,2631 kg |
| - Load max. | 400 N |

APPLICATIONS

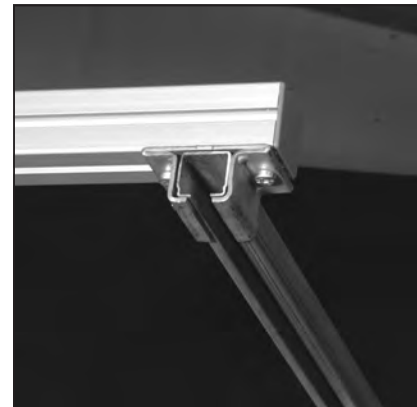
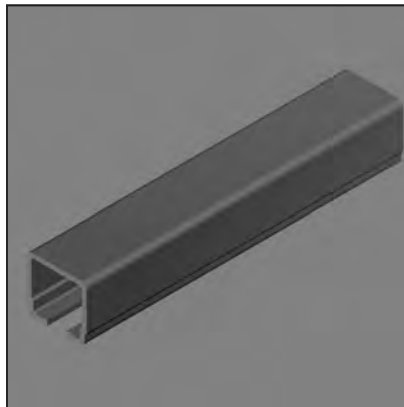
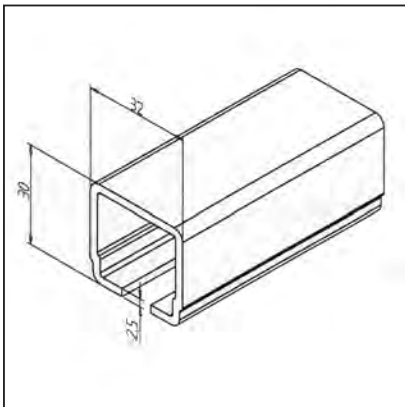
- For guiding of tools on working tables

ASSEMBLY

- Insert in profile face
 - Demounting of lower roller (possibly)
 - Usable also with balancer
- part no. 29.0014/0**

C-SECTION RAIL 30

part no. 32.0220/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|----------------------|----------------------|
| - Steel, zinc plated | |
| - Length | 6000 mm |
| - lx = | 2,42 cm ⁴ |
| - wx = | 1,45 cm ³ |
| - Weight | 1,56 kg/m |
| - ESD-capable | |

APPLICATIONS

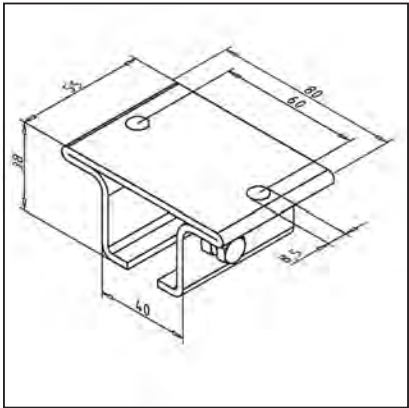
- Reception and guide of cable trolleys
- Reception and guide of tool trolleys to provide heavy tools

ASSEMBLY

- Attach to portal structure with rail holder
part no. 32.0222/0

RAIL HOLDER

part no. 32.0222/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

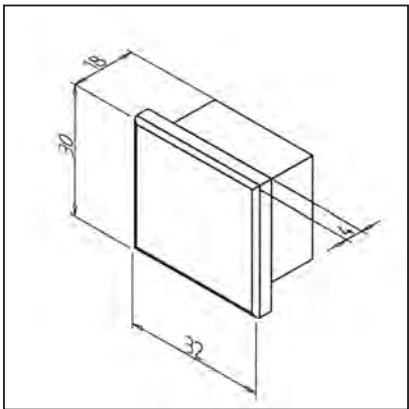
- Fastening the C-section rail onto the portal structure
- Mounting for C-section rail 30
part no. 32.0220/0

ASSEMBLY

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

CAP FOR C-PROFILE RAIL

part no. 32.0223/0



TECHN. DATA / ITEMS SUPPLIED

- Plastic, black
- Weight 0,006 kg

APPLICATIONS

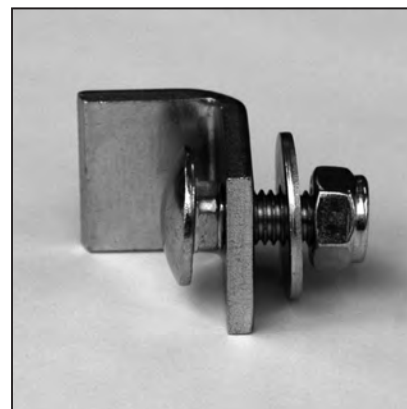
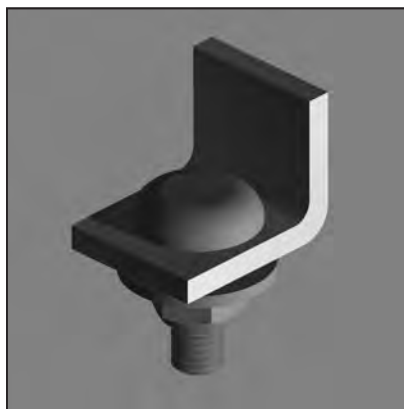
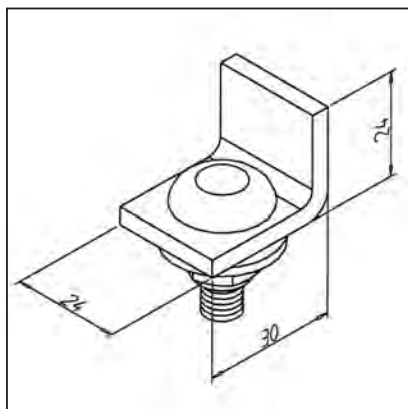
- Closing of both rail ends

ASSEMBLY

- Press onto C-profile rail

LIMIT STOP FOR CABLE TROLLEY

part no. 32.0226/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

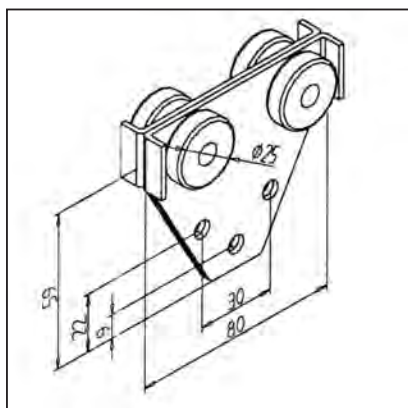
- Securing cable trolleys
part no. 32.0225/0 and tool trolleys
part no. 32.0224/0 at end of rail

ASSEMBLY

- Screw into end of C-section rail

TOOL TROLLEY

part no. 32.0224/0



TECHN. DATA / ITEMS SUPPLIED

- Sheet steel
- 4 rollers, zinc plated, ball bearings sealed on both sides
- Weight 0,21 kg
- ESD-capable

APPLICATIONS

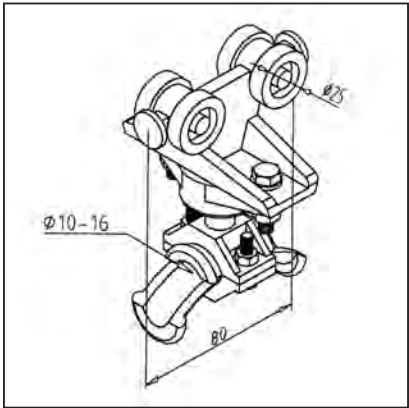
- Suspension of tools in the workroom

ASSEMBLY

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

CABLE TROLLEYS FOR CIRCULAR LINES

part no. 32.0225/0



TECHN. DATA / ITEMS SUPPLIED

- Supporting body: plastic, yellow	
- 4 plastic rollers	
- Ultimate load	100 N
- Weight	0,127 kg

APPLICATIONS

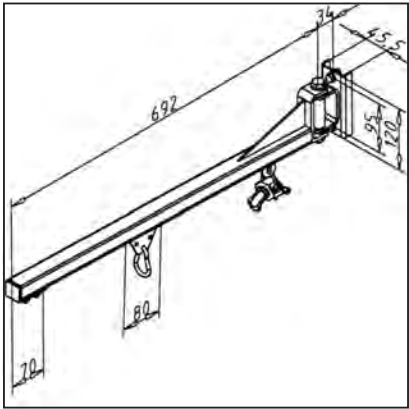
- Smooth running guidance of lines
- Suspension of hoses and lines

ASSEMBLY

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

HINGED CANTILEVER C-RAIL 30

part no. 32.0230/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated, light grey	
- 180° swiveling	
- Mounting material	
- Length	692 mm
- Load, max.	200 N
- Weight	2,31 kg

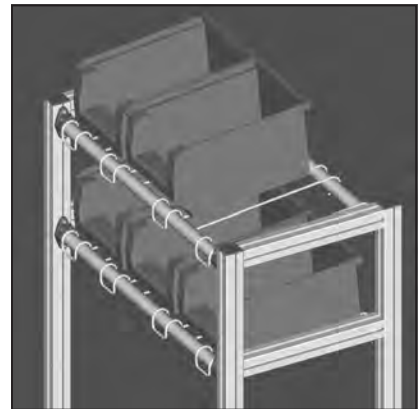
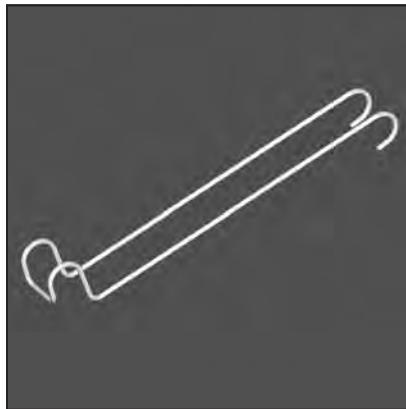
APPLICATIONS

- For compressed air and power tools

ASSEMBLY

- Slight backward inclination for making unused tools to slide back automatically
- Screw tight to portal construction using mounting material from scope of supplies
- optional: in ESD-design part no. 32.0230/6

part no. 32.0306/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|-------------------------|----------|
| - Steel zinc plated | |
| - Without fastening kit | |
| - Weight | 0,269 kg |

APPLICATIONS

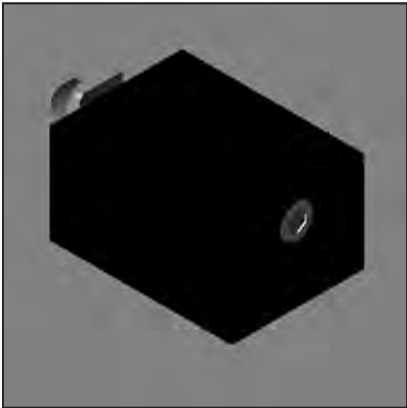
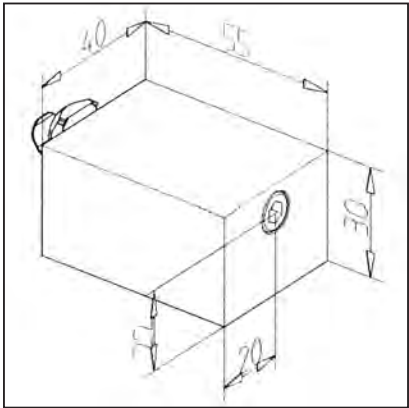
- as depositing rack for semi-open front containers and storage containers

ASSEMBLY

- simply hooked into handle profile 32 from both sides
- Recommend:
use snap bolt 25 for lateral adjustment if necessary **part no. 21.1758/0**

MOUNTING BLOCK

part no. 32.0539/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

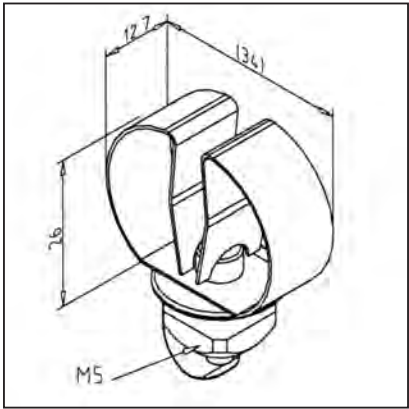
- For custom drilling of individual holes
- For provision of tools etc.

ASSEMBLY

- Fasten into profile groove with fastening kit

ATTACHMENT CLIP 8

part no. 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

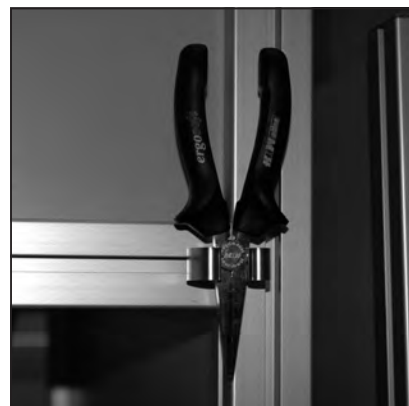
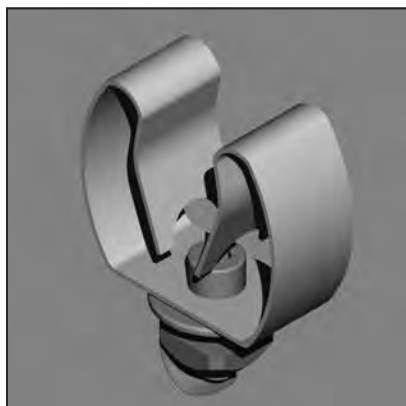
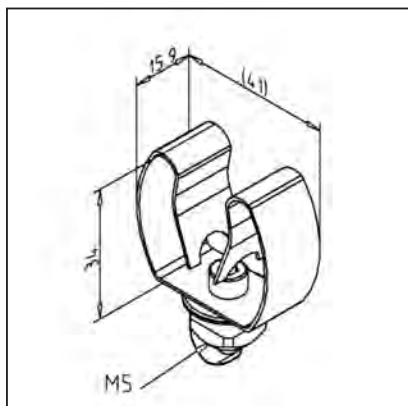
- Holder for miscellaneous tools with \varnothing 8 - 12 mm

ASSEMBLY

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

ATTACHMENT CLIP 16

part no. 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

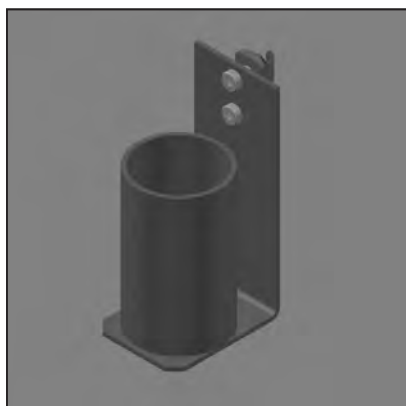
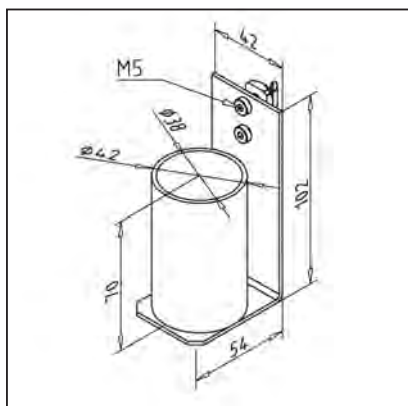
- Holder for miscellaneous tools with \varnothing 16 - 25 mm

ASSEMBLY

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

ROUND TOOL HOLDER 38-70

part no. 32.0535/0

**TECHN. DATA / ITEMS SUPPLIED**

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

APPLICATIONS

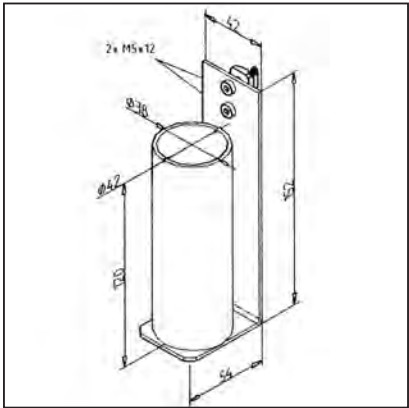
- Tool holder for storage of tools (files, marking tools, sharpening stones, etc.)
- Adjustable angle

ASSEMBLY

- Fasten with the profile by using fastening kit

ROUND TOOL HOLDER 38 - 120

part no. 32.0536/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

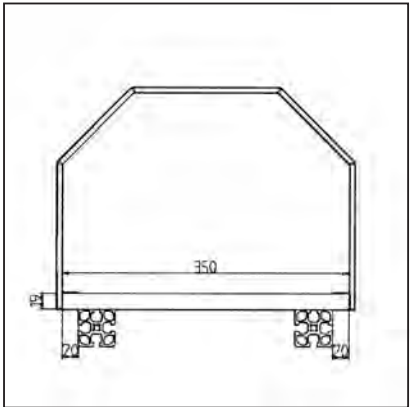
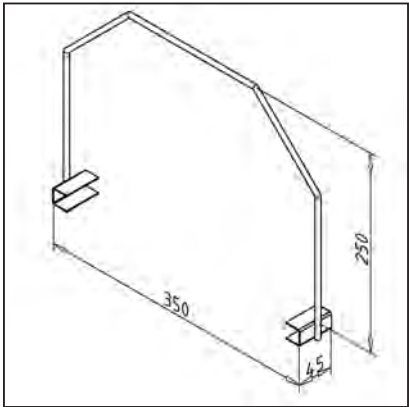
- Tool holder for storage of tools, pins, etc.
- Adjustable angle

ASSEMBLY

- Fasten with the profile by using fastening kit

STEEL BRACKET 250

part no. 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

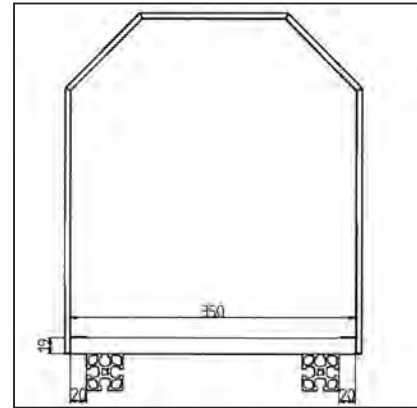
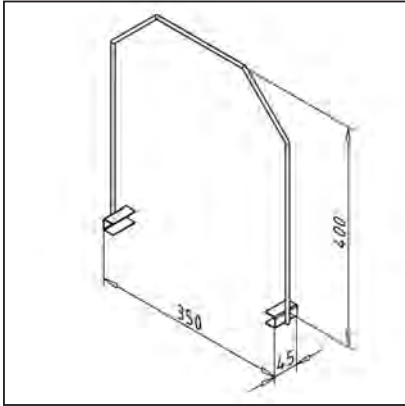
- As separating web for cartons
- Magazine for flat parts

ASSEMBLY

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

STEEL BRACKET 400

part no. 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

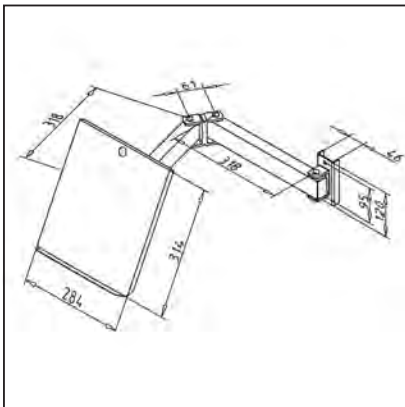
- As separating web for cartons
- Magazine for flat parts

ASSEMBLY

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

DRAWING HOLDER

part no. 32.0608/0



TECHN. DATA / ITEMS SUPPLIED

- Steel light grey, powder coated
- With double-joint swivelling arm
- For DIN A4 format
- Load max. 150 N
- Delivered ready to assemble
- ESD on request
- Weight 4,00 kg

APPLICATIONS

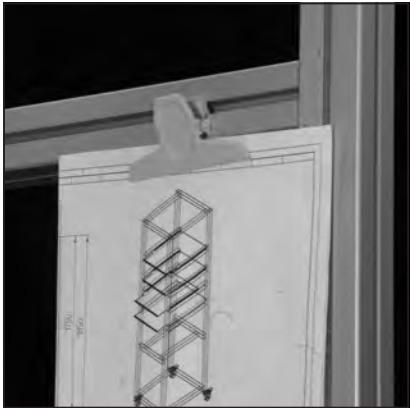
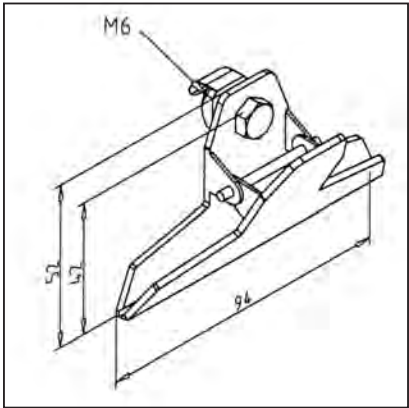
- For documents, control charts and drawings

ASSEMBLY

- Fasten onto portal structure

DOCUMENT CLIP

part no. 32.0609/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

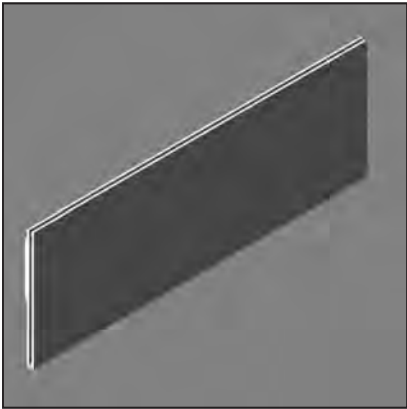
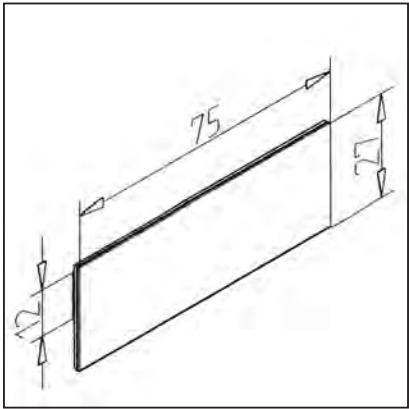
- To fastening work instructions, work plans or the like to workbenches or other profile constructions

ASSEMBLY

- Insert square nut M6 into profile groove and fasten with the screw

QUICK LABEL 27 X 75

part no. 32.0601/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

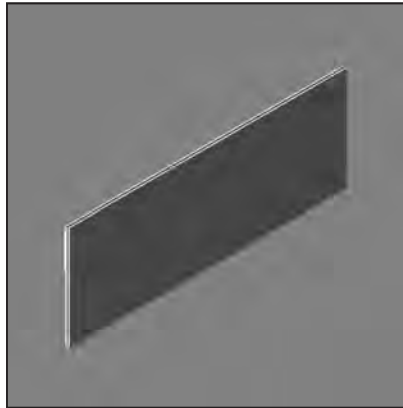
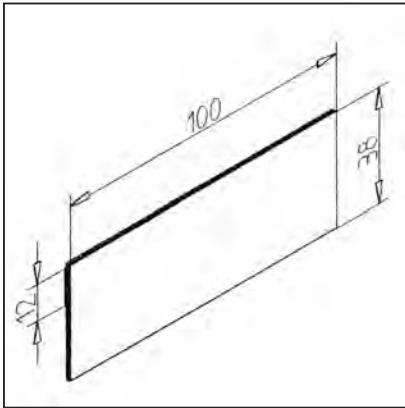
- Storage compartment identification
- Error-free barcode scanning
- For profile width 32

ASSEMBLY

- Attach with self-adhesive back
- Push in carton insert
- Carton insert not included, please order a sheet with 20 pieces separately **part no. 32.0601/1**

QUICK LABEL 38 X 100

part no. 32.0602/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

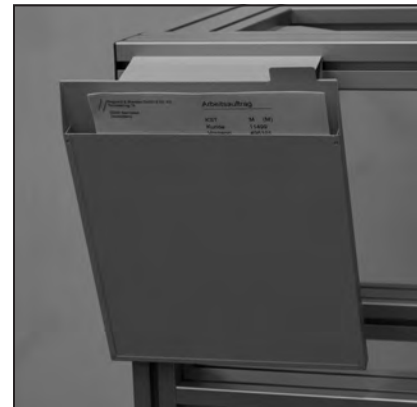
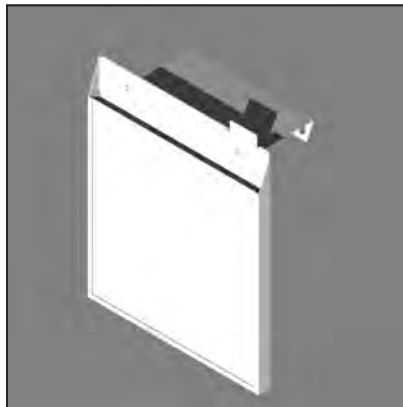
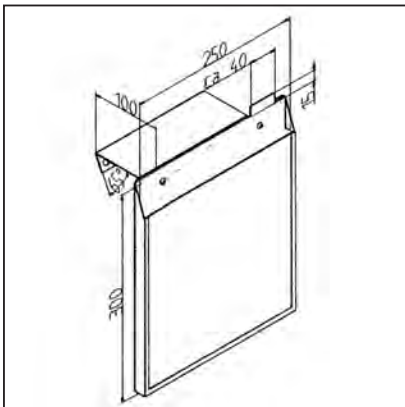
- Storage compartment identification
- Error-free barcode scanning
- For profile width 45

ASSEMBLY

- Attach with self-adhesive back
- Push in carton insert
- Carton insert not included, please order a sheet with 14 pieces separately **part no. 32.0602/1**

SEMI-OPEN COMPARTMENT BASE ELEMENT

part no. 32.0615/0



TECHN. DATA / ITEMS SUPPLIED

- 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
- clear semi-open compartment (front plate)
- Weight 0,634 kg

APPLICATIONS

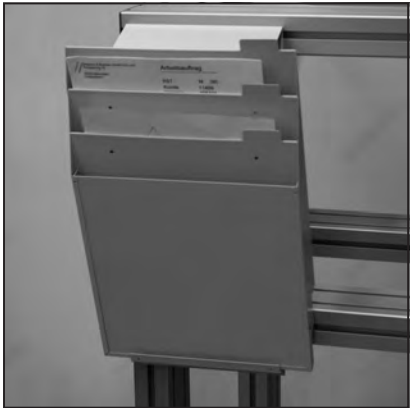
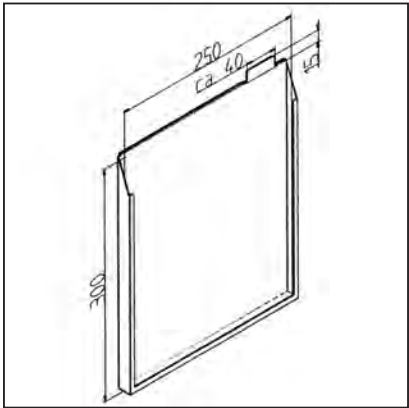
- For size DIN A4 documents

ASSEMBLY

- Fasten onto portal structure
- Expandable at any time with **part no. 32.0616/0**
- To expand, remove front plate and add the last expansion element

SEMI-OPEN COMPARTMENT EXPANSION ELEMENT

part no. 32.0616/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

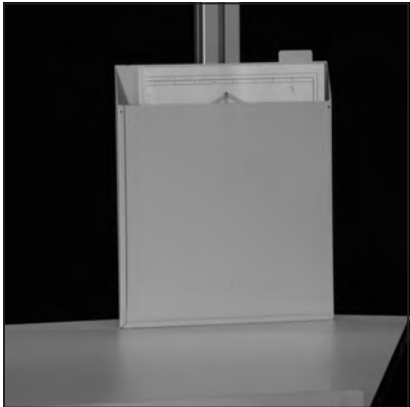
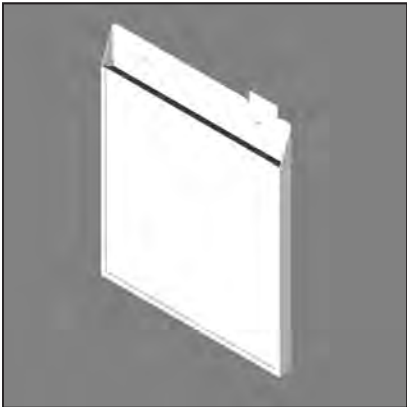
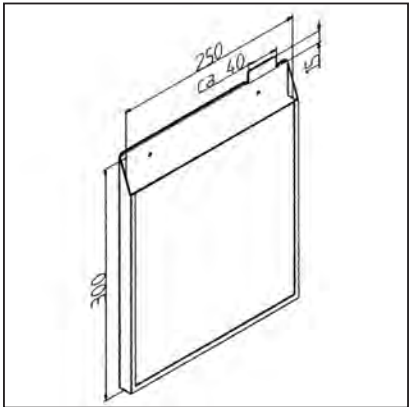
- For DIN A4 portrait format

ASSEMBLY

- Mount on semi-open compartment base element **part no. 32.0615/0**

SEMI-OPEN COMPARTMENT, SINGLE

part no. 32.0617/0



TECHN. DATA / ITEMS SUPPLIED

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

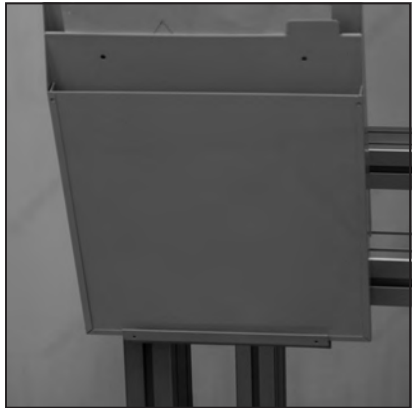
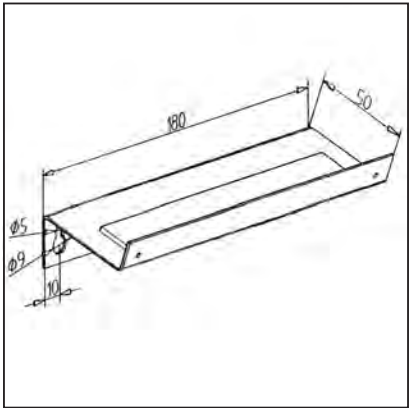
APPLICATIONS

- For DIN A4 portrait format
- Optional:
Semi-open compartment, single A4 portrait format with transparent cover plate **part no. 32.0619/0**

ASSEMBLY

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

ADDITIONAL ANGLE FOR SEMI-OPEN COMPARTMENT part no. 32.0618/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

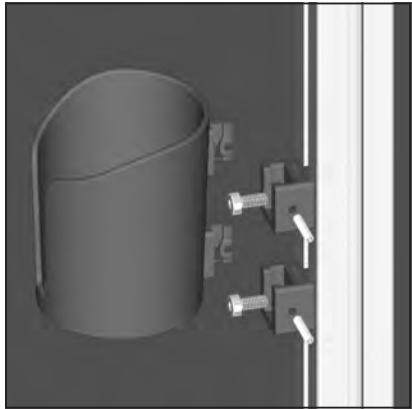
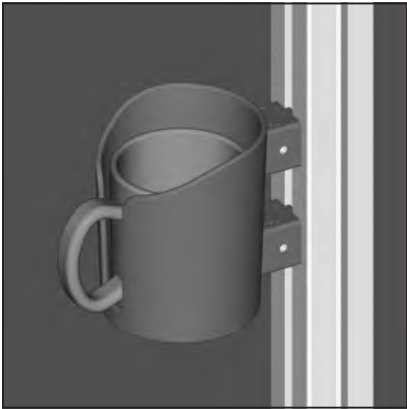
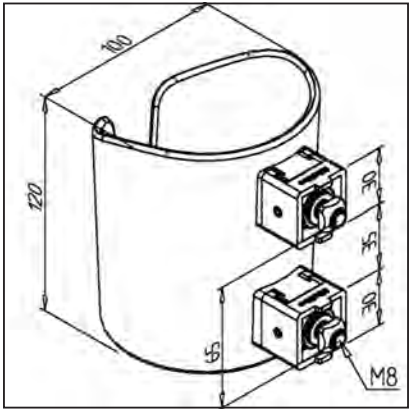
- For additional stabilisation on the bottom edge of the semi-open compartments

ASSEMBLY

- Fasten onto portal structure

CUP HOLDER

part no. 32.0547/0



TECHN. DATA / ITEMS SUPPLIED

- Cup holder polyamide, grey
- Cup with MiniTec company logo
- With fastening kit
- Weight 0,387 kg

APPLICATIONS

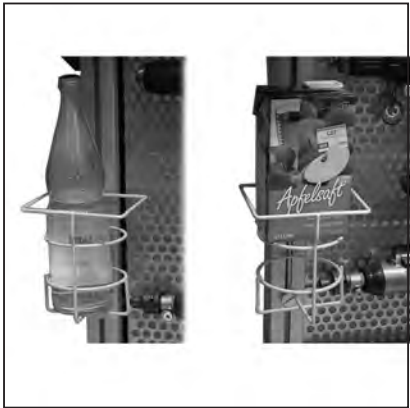
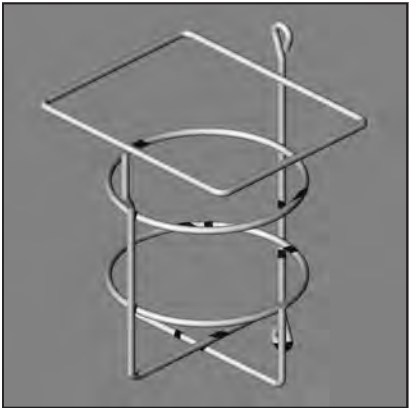
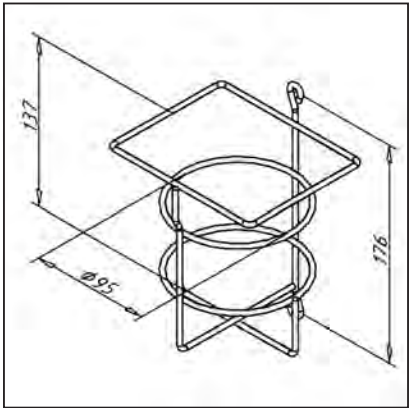
- Cup or bottle holder for workplace systems
- With cut-out for cup handle

ASSEMBLY

- Use block-shaped connectors with fastening kit to screw on profile construction at intervals of 35 mm
- Insert cup holder in t-slot
- Use stud screw M5 for lateral adjustment

BOTTLE/BEVERAGE BAG HOLDER

part no. 32.0507/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

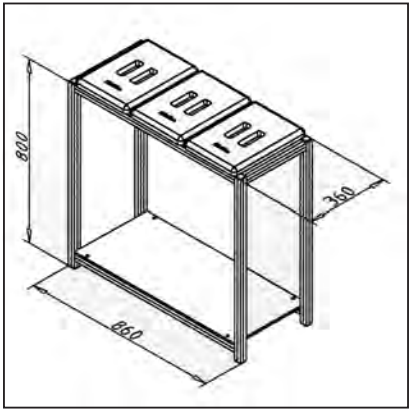
- Commercially available beverage bottles and beverage bags

ASSEMBLY

- Screw on with fastening kit

RECYCLABLE MATERIAL COLLECTOR

part no. 29.0022/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

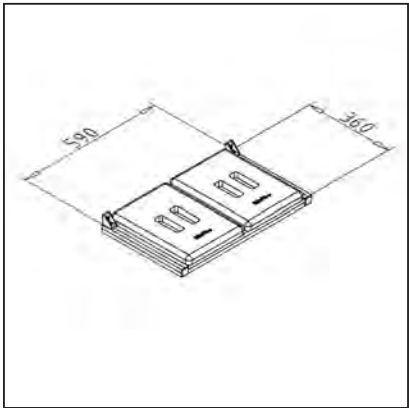
- For separate collection of 3 kinds of recyclable materials
- Just put plastic bags over the screw heads
- Also suitable for outdoor deployment

ASSEMBLY

- According to enclosed installation instructions

RECYCLABLE MATERIAL COLLECTOR FOR ATTACHMENT

part no. 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

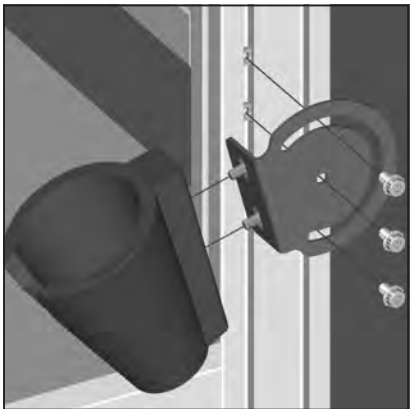
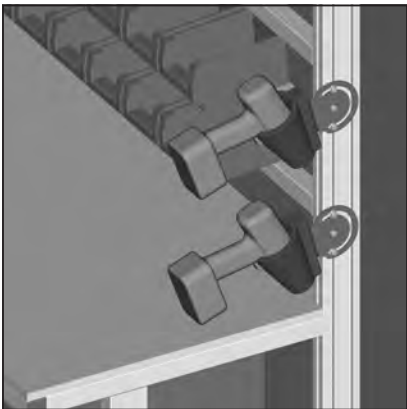
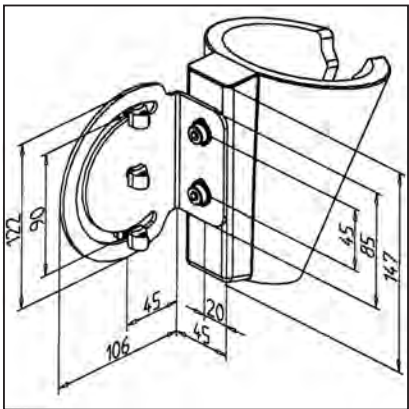
- For separate collection of 2 kinds of recyclable materials
- Just put plastic bags over the screw heads

ASSEMBLY

- Attach to profile frame with fastening materials included

TOOL CASE S AS SET

part no. 26.3001/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

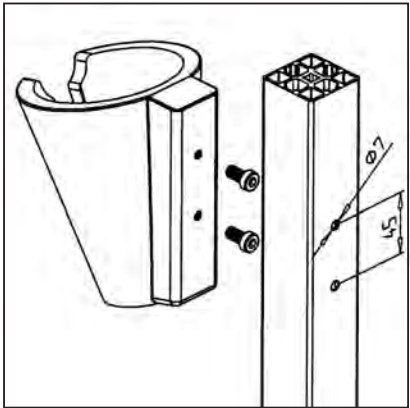
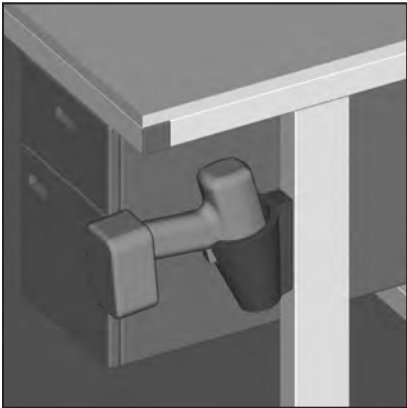
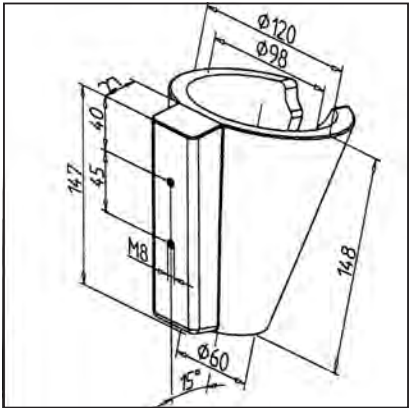
- For secure storage of drills, battery-operated screwdrivers and other tools
- Adjustable angle bracket

ASSEMBLY

- Attached to the brace profile with supplied fastening kit

TOOL CASE S

part no. 26.3001/1



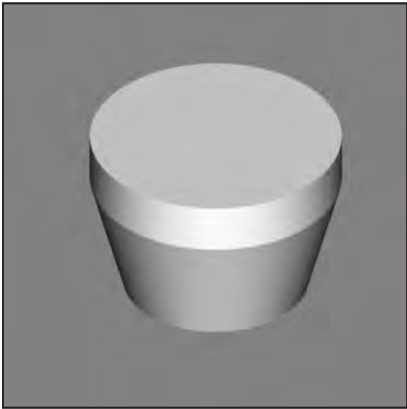
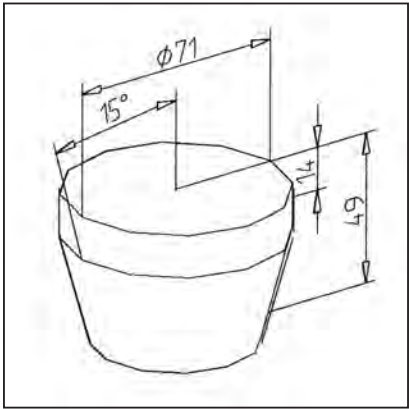
TECHN. DATA / ITEMS SUPPLIED	
- Rubber, black	
- Weight	0,49 kg

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

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

ADAPTER FOR TOOL QUIVER

part no. 26.3002/0



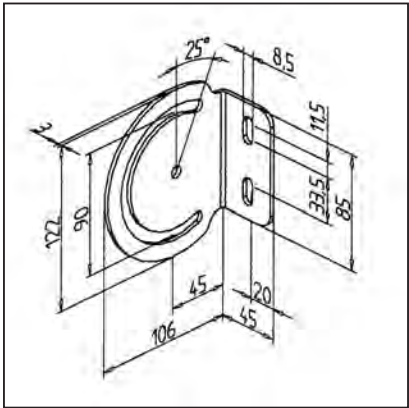
TECHN. DATA / ITEMS SUPPLIED	
- Moulded part made of natural polyamide	
- Please quote diameter of the tool	

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

ASSEMBLY
- Press into tool quiver

PIVOTING HOLDER

part no. 26.3001/2



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

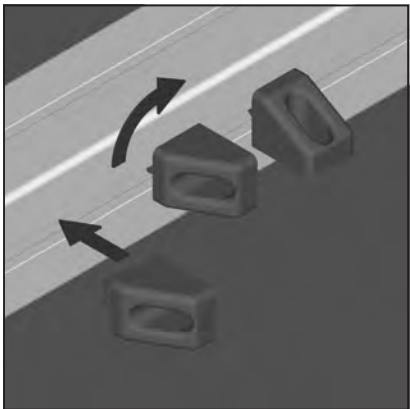
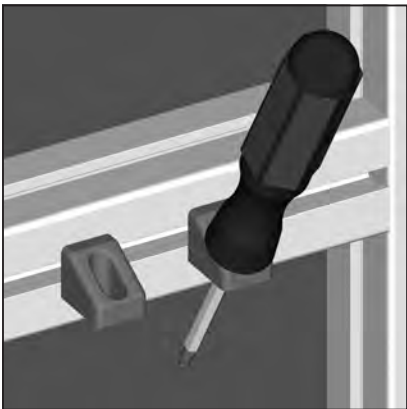
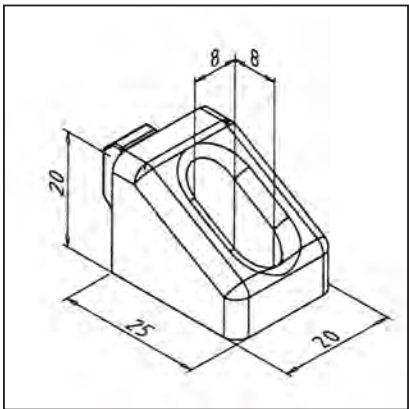
- For pivoting fastening of tool cases, profiles or storage units

ASSEMBLY

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

SCREWDRIVER HOLDER

part no. 32.0502/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

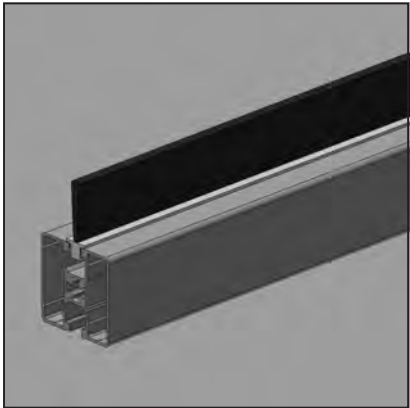
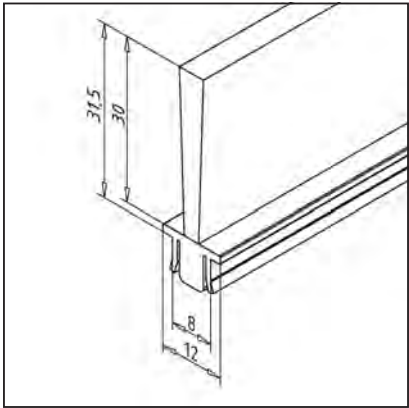
- Ergonomic storage of screwdrivers at the workbench

ASSEMBLY

- Push into the groove and then turn 90°

STRIP BRUSH 30

part no. 22.1150/0



TECHN. DATA / ITEMS SUPPLIED

- P.V.C. strip with brush	
- Weight	0,130 kg/m
- Manufacturing length	1000 mm

APPLICATIONS

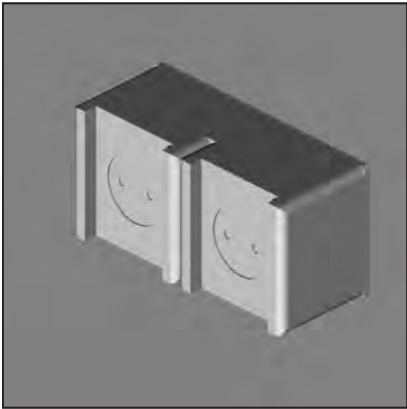
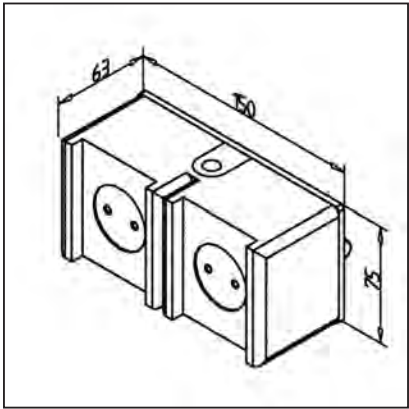
- Sealing of doors, lids
- Static cleaning of belts
- Guiding and supporting in conveyance

ASSEMBLY

- Insert or clip into profile groove

HORIZONTAL DOUBLE OUTLET

part no. 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 material	
- With adapter plates and screws	
- Weight	0,389 kg

APPLICATIONS

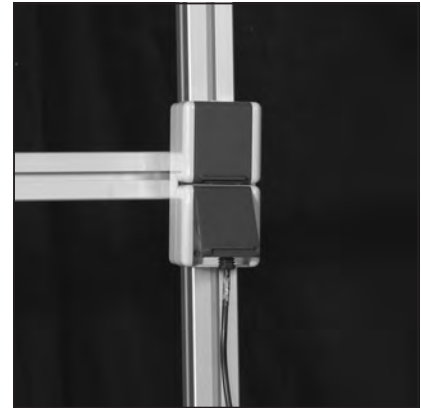
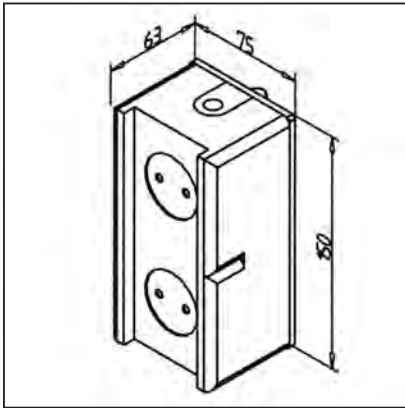
- For power supply at the workplace

ASSEMBLY

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

VERTICAL DOUBLE OUTLET

part no. 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

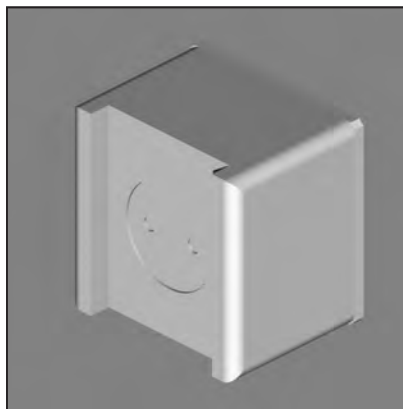
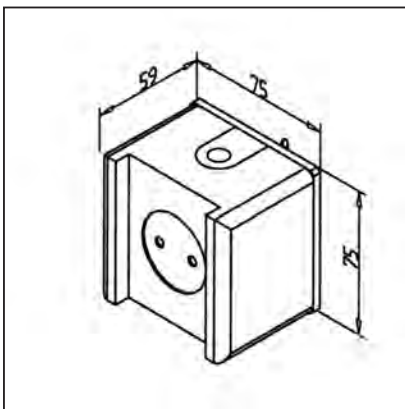
- For power supply at the workplace

ASSEMBLY

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

OUTLET

part no. 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

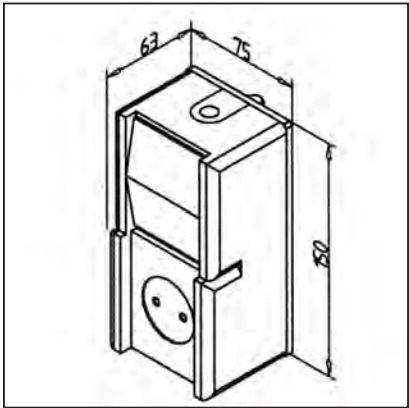
- For power supply at the workplace

ASSEMBLY

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

TWO-WAY SWITCH/OUTLET

part no. 32.0772/0



TECHN. DATA / ITEMS SUPPLIED

- ON/OFF/two-way switch, 10A x 250V
- Schuko 10 / 16 A 250 V, IP 44 shatter-proofed
- Housing 75 x 151 x 58 mm
- Fastening material
- With adapter plates
- Weight 0,389 kg

APPLICATIONS

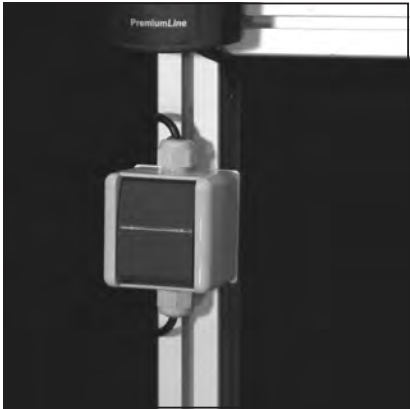
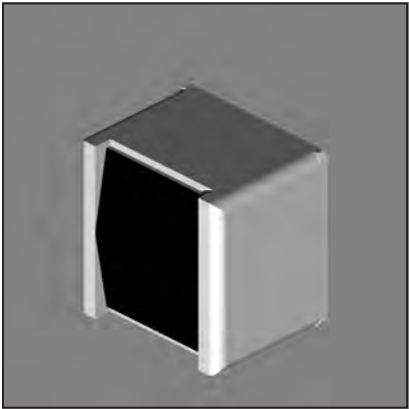
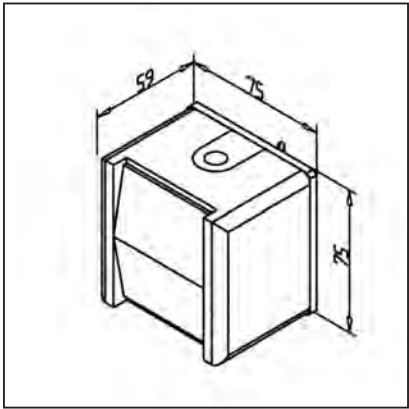
- To switch-on and switch-off lamps

ASSEMBLY

- Fix the adapter plate on profile
- Fix the two-way switch on the adapter plate

TWO-WAY SWITCH

part no. 32.0770/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

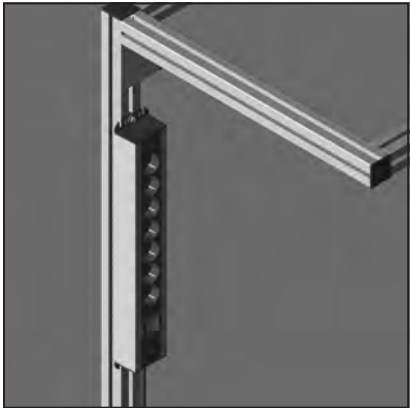
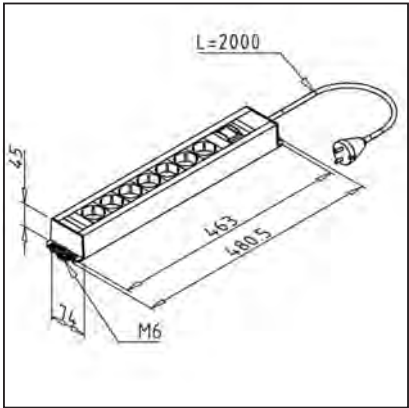
- To switch-on and switch-off lamps

ASSEMBLY

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

PROFESSIONAL MULTIPLE-SOCKET OUTLET, 7-FOLD

part no. 32.0703/0



TECHN. DATA / ITEMS SUPPLIED

- 7-fold with additional switch
- Rocker switch, illuminated
- Cable length 2 m
- Max. 3500W / 16A / 230V
- Weight 0,858 kg

APPLICATIONS

- Oblique socket arrangement

ASSEMBLY

- Use fastening kit

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

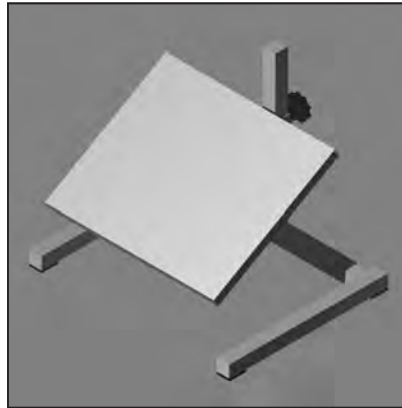
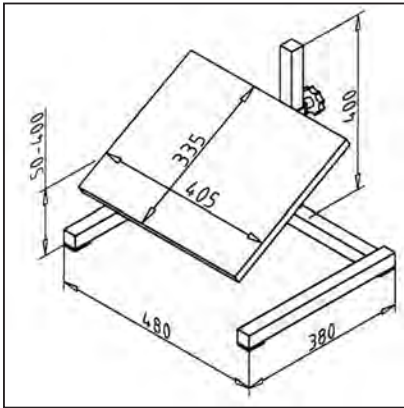
On the other hand, experts mention the special advantages of straight foot rests. Since the feet are in a slightly inclined position on the floor, the legs are relaxed and prevent circulation problems, etc.

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 no. 32.0155/0



TECHN. DATA / ITEMS SUPPLIED

- 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 / ITEMS SUPPLIED

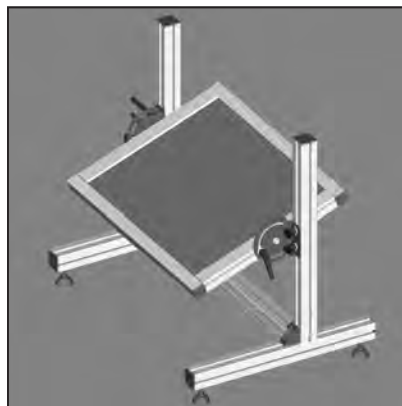
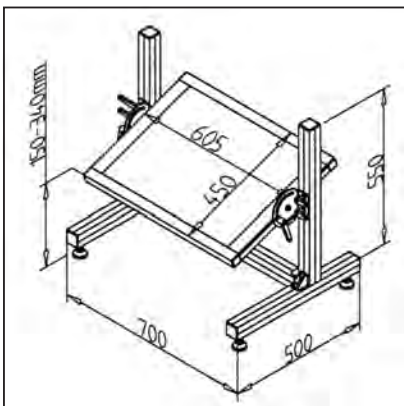
- Height-adjustable and inclinable
- Inclination adjustable by foot
- Free-standing

APPLICATIONS

- Facilitates correct seating on table

FOOT REST STANDARD

part no. 32.0160/0



TECHN. DATA / ITEMS SUPPLIED

- Base construction profile 45x45 under tables, workstations
- Completely assembled
- Foot rest: Chipboard, coated, oil-resistant
- ESD on request
- Weight 4,7 kg

TECHN. DATA / ITEMS SUPPLIED

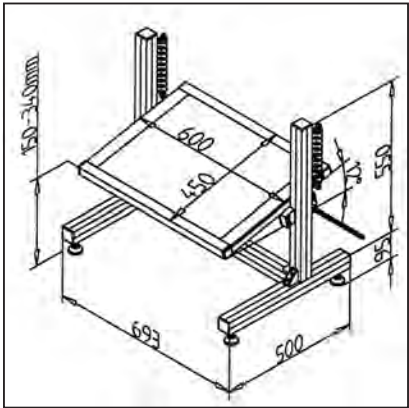
- Height and inclination manually adjustable
- Free-standing

APPLICATIONS

- Facilitates correct seating on table

FOOT REST COMFORT

part no. 32.0165/0



TECHN. DATA / ITEMS SUPPLIED

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

TECHN. DATA / ITEMS SUPPLIED

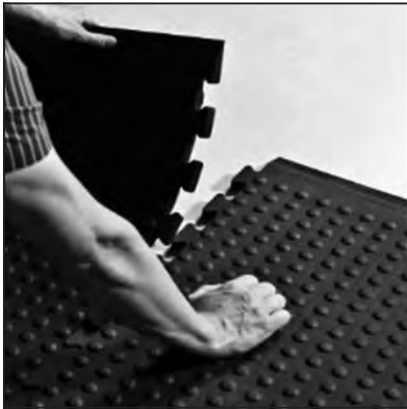
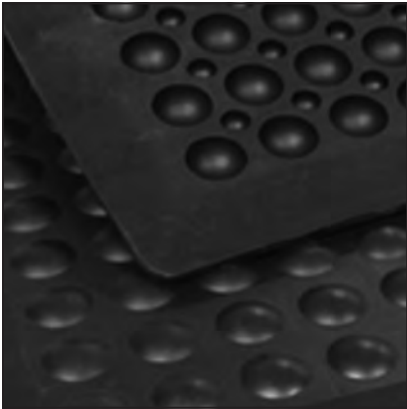
- Spring-tensioned height adjustment, height adjustable from seating position
- Free-standing

APPLICATIONS

- Facilitates correct seating on table

WORK MATS OFF RUBBER

part no. 32.0920/0



TECHN. DATA / ITEMS SUPPLIED

- Material: SBR
- Size: 1350 x 1000 x 16 mm
- Weight: 19 kg / m²
- Hardness: 55 ± 4°Shore A
- Upperside flat structure, non-skid
- Underside: depressant hemisphere
- 20° bevelled outer edge
- Heatresistant -35 to +95 °C
- Colour: Black

APPLICATIONS

- Workplaces at workbench, band-conveyor, installation table, metal-cutting machine, committee place, tool store, every walk- and standing workplaces
- Muscle acitvation through intuitive movement
- The shock-absorbing effect will reduce the joint- and backproblems
- Protection against down falling objects

ASSEMBLY

- Optional designs on request
- Multifunctional mat
- Oil and fat resistant design
- flame-retarding design
- drivable design
- Work mat Ergo ESD **part no. 32.0920/6**
- conductive, surface resistance ≤ 10⁵ Ω remaining techn. Data like standard design

PNEUMATIC SYSTEM

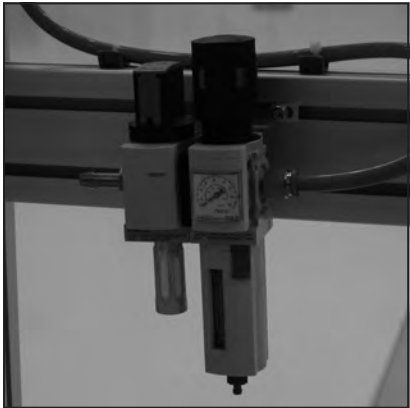
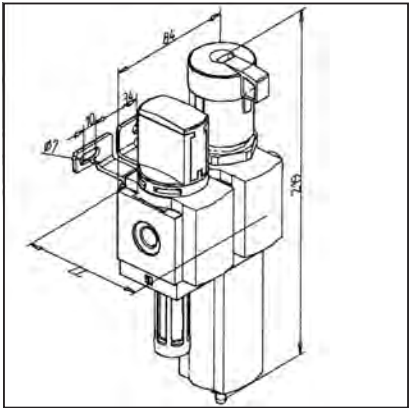
Compressed air is frequently used in workplace systems for the operation of pneumatic cylinders in assembly auxiliary equipment or to drive compressed air tools.

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 no. 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 µm
- 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 0,575 kg

APPLICATIONS

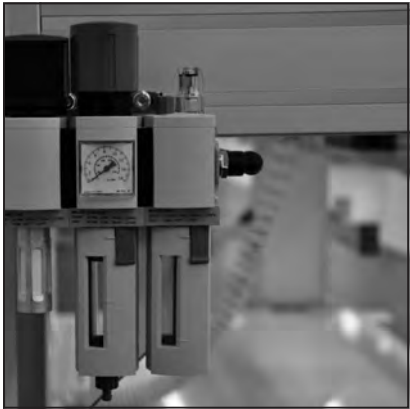
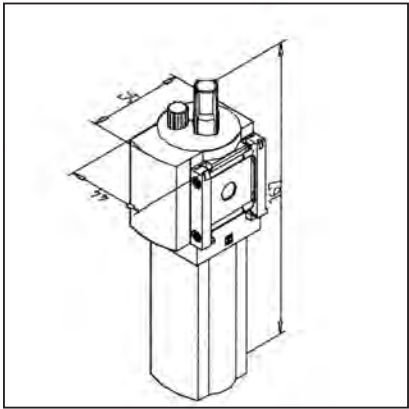
- Compressed air provision on the work table

ASSEMBLY

- 2x hex. socket cap screws M6x12
part no. 21.1143/0
- 2x square nuts M6x13 with spring plate
part no. 21.1330/2

LUBRICATOR

part no. 32.0581/0



TECHN. DATA / ITEMS SUPPLIED

- Proportional lubricator with precise oil dosing
- Easy and fast to refill
- Weight 0,225 kg

APPLICATIONS

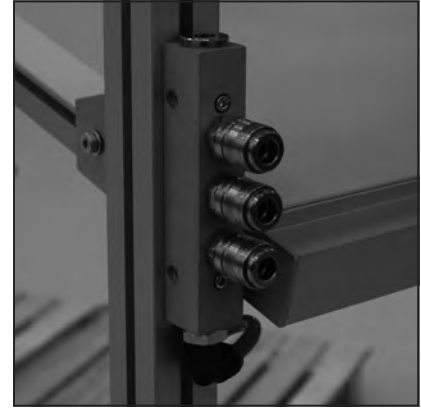
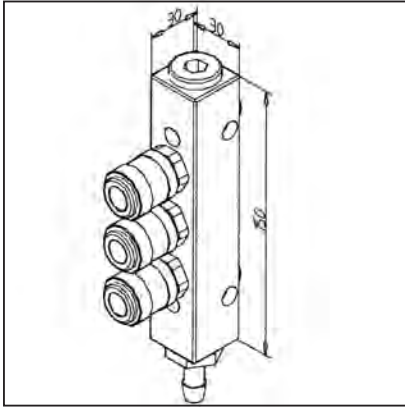
- Micro-mister lubricator for compressed air

ASSEMBLY

- Fasten onto filter regulator with included coupling package

PNEUMATIC 3-WAY DISTRIBUTOR

part no. 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

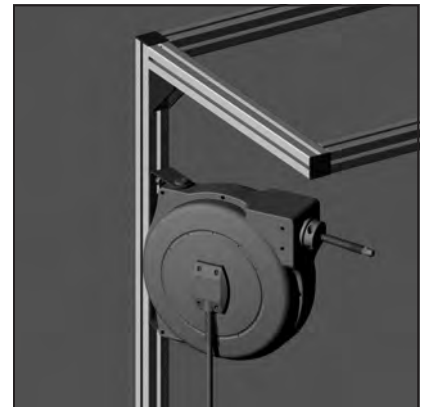
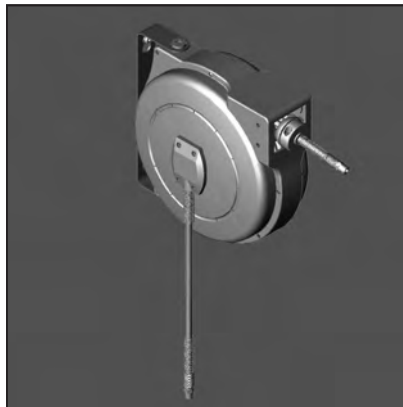
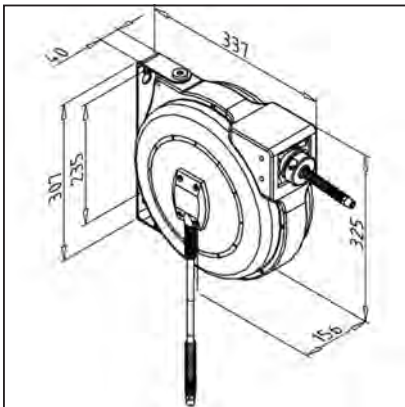
- Compressed air distribution at the workplace
- Fast connection and disconnection of pressurized compressed air lines
- Plug nipple rotatable in the coupling

ASSEMBLY

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

AUTOM. HOSE RECOILER

part no. 320583/0



TECHN. DATA / ITEMS SUPPLIED

- Dimensions (L x B x H) 325 x 275 x 185 mm
- Weight 3,4 kg
- Tube length 8 m
- Connection in-/output 1/4 a
- Max. pressure 10 bar

APPLICATIONS

- Automatic hose recoiler plastic
- Multiple arrester per turn
- Latching detachable

ITEMS SUPPLIED

- 1x hose recoiler with PU-hose and stopper incl. 1m connecting hose

KANBAN-SYSTEM

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..

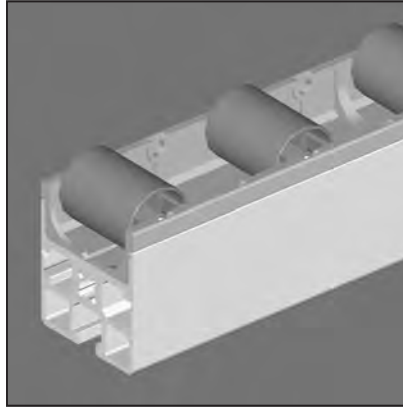
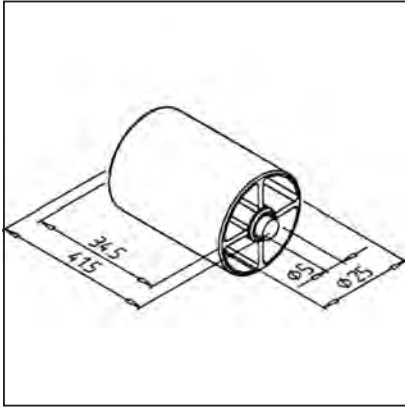
We supply all required components for the construction of custom-built Kanban shelves.

Our KanTainer (part no. 32.0870 / 0) is particularly suitable for the management of small parts according to the Kanban principle.



PULLEY D 25

part no. 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 no. 21.1703/0

APPLICATIONS

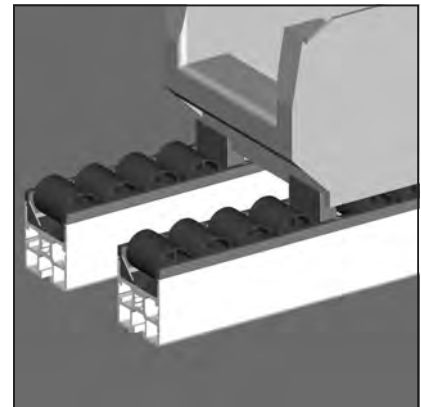
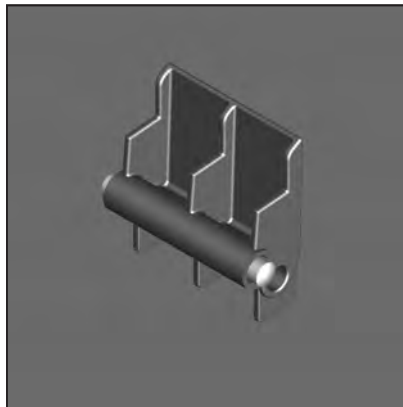
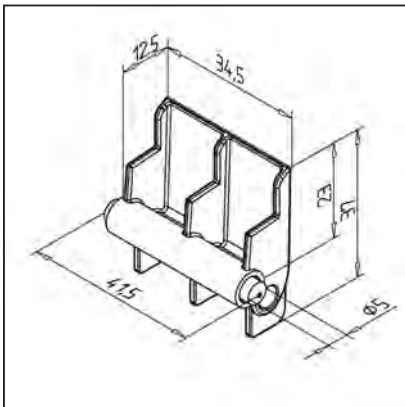
- Assembly of small roller conveyors in connection with profile 45 x 45 R
part no. 20.1046/0

ASSEMBLY

- Clip pulleys into pulley carrier

RETURN STOP

part no. 32.0586/0



TECHN. DATA / ITEMS SUPPLIED

- ABS, grey
- Weight 0,015 kg

APPLICATIONS

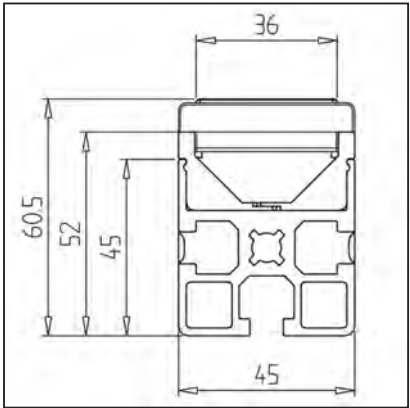
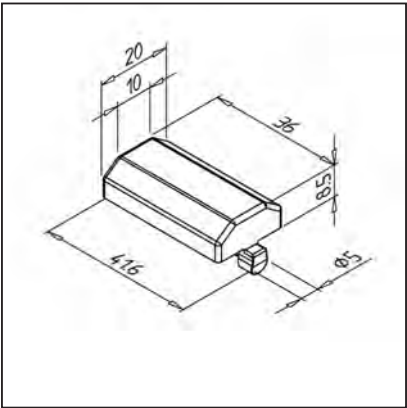
- used for decline-roller conveyors to prevent transported material from running back
- in combination with pulley carrier 45x45R

ASSEMBLY

- clip into roller instead of pulley carrier

SLIDING INSERT FOR ROLLER CARRIER

part no. 21.0940/0



TECHN. DATA / ITEMS SUPPLIED

- POM, grey RAL 7012
- Suitable for roller carrier
- Weight 0,04 kg

APPLICATIONS

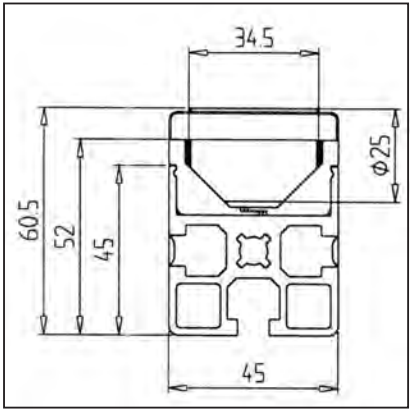
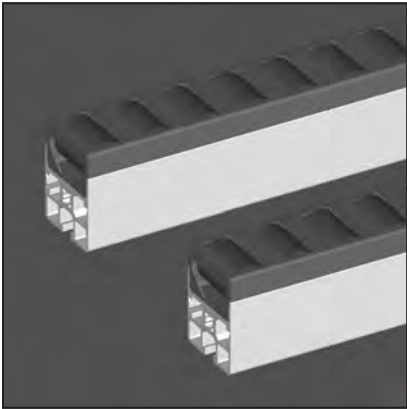
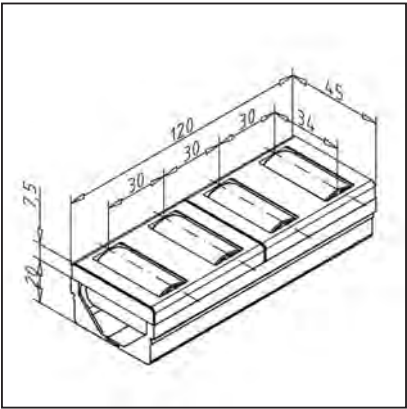
- For insertion in roller carriers instead of pulley D 25, for slowdown of transported material
- To prevent a roll away on the installation site

ASSEMBLY

- Clip into roller carrier instead of pulley

ROLLER CARRIER 45 X 45 R WITH CAP

part no. 22.1151/0



TECHN. DATA / ITEMS SUPPLIED

- 2x roller carrier basic component POM-RAL 7012, part no. 22.1126/0
- 1x cap POM-RAL 7012 - part no. 22.1127/0
- 4x carrier roller ABS blue, part no. 21.1701/0
- Weight 0,076 kg
- Length 120 mm

APPLICATIONS

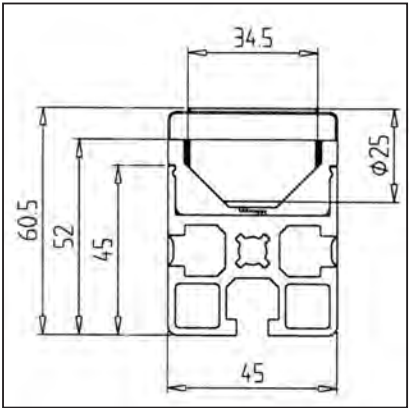
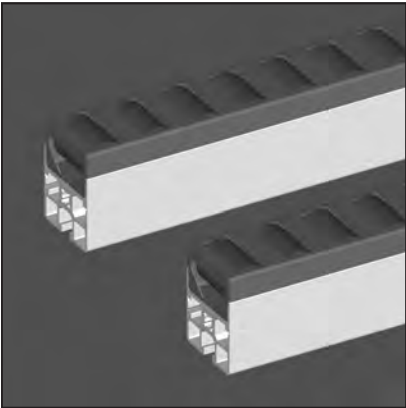
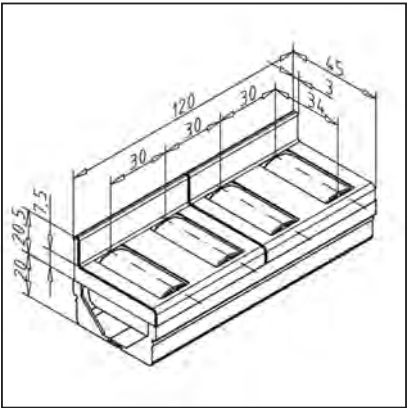
- Production of shortrollrails in connection with profile 45 x 45 R, part no. 20.1046/0

ASSEMBLY

- Insert roller carrier in profile
- Insert carrier roller in profile
- Clipoff cap

ROLLER CARRIER 45 X 45 R WITH SF CAP

part no. 22.1152/0



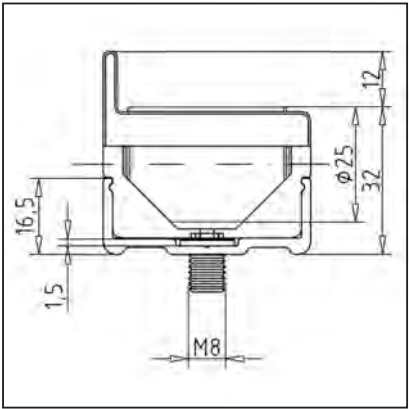
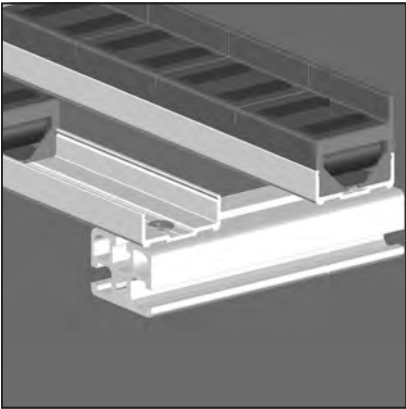
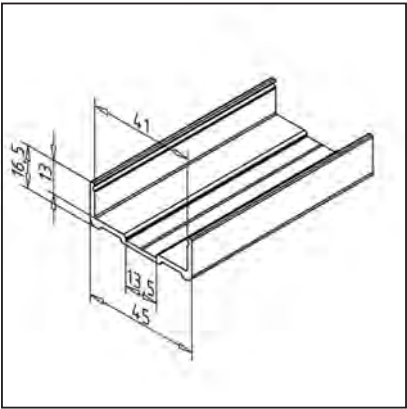
TECHN. DATA / ITEMS SUPPLIED	
- 2x roller carrier basic component POM-RAL 7012, part no. 22.1126/0	
- 1x cap POM-RAL 7012 - part no. 22.1128/0	
- 4x carrier roller ABS blue, part no. 21.1701/0	
- Weight	0,083 kg
- Length	120 mm

APPLICATIONS
- Production of shortrollrail in connection with profile 45 x 45 R, part no. 20.1046/0

ASSEMBLY
- Insert roller carrier in profile
- Insert carrier roller in profile
- Clipoff cap

CARRIER SECTION 45 R

part no. 20.1133/0



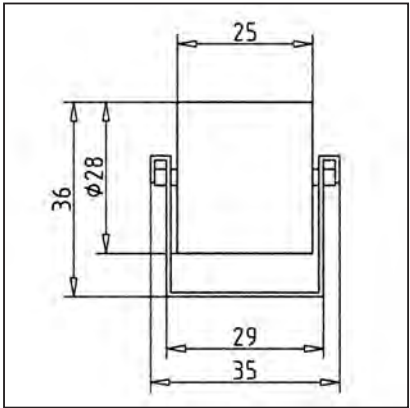
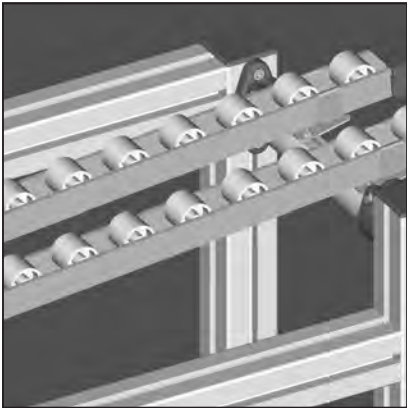
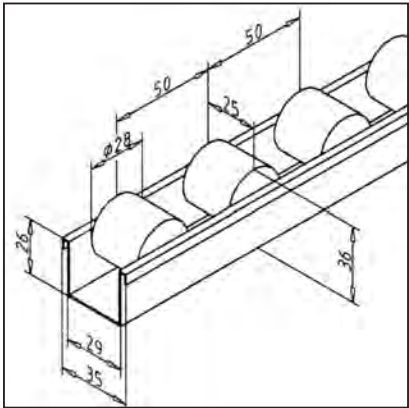
TECHN. DATA / ITEMS SUPPLIED	
- lx =	0,289 cm ⁴
- ly =	0,428 cm ⁴
- Wx	0,128 cm ³
- Wy	0,966 cm ³
- Weight	0,414 kg/m
- Length	6 m

APPLICATIONS
- For Production of shortrollrails
- For use of the follow roller carrier part no. 21.1700/0 roller carrier 45 x 45
part no. 22.1151/0 roller carrier 45 x 45R with cap
part no. 22.1152/0 roller carrier 45 x 45R with SF cap

ASSEMBLY
- Bore Ø 8,5 bring in desired positiones
- With flat headed screw part no. 21.1666/0 and slide nut M08 with spring steel sheet part no. 21.1351/2
- Put in desired roller carrier

ROLLER STRIP WITH CYLINDRICAL ROLLERS

part no. 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

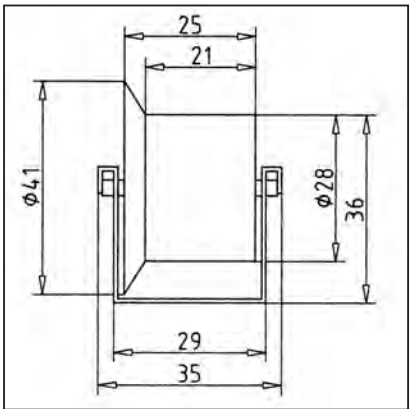
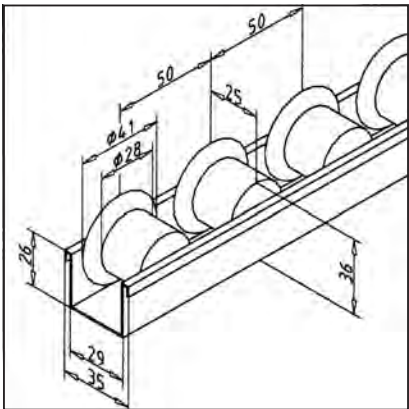
- The rollers can be used over a temperature range from -30°C up to +100°C
- **part no. 32.0555/0** highly conductive roller to avoid electrostatic charge. Roller colour: black

ASSEMBLY

- Fasten with fastening **part no. 32.0574/0** and end stop **part no. 32.0569/0** onto profile
- Directly on carrier profile

ROLLER STRIP WITH FLANGED ROLLERS

part no. 32.0560/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

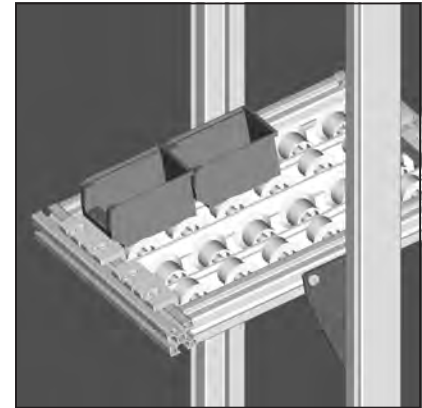
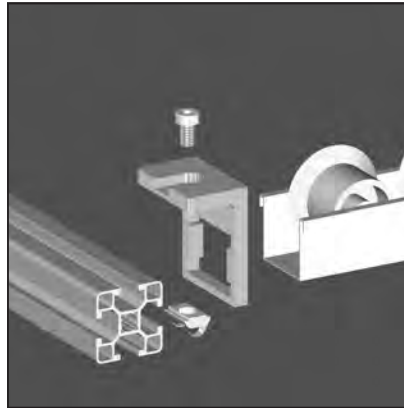
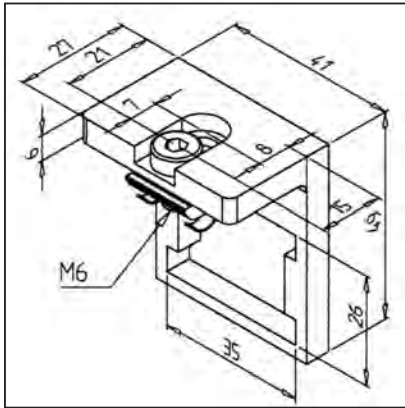
- The rollers can be used over a temperature range from -30°C up to +100°C
- **part no. 32.0565/0** highly conductive roller to avoid electrostatic charge. Roller colour: black

ASSEMBLY

- Fasten with fastening **part no. 32.0574/0** and end stop **part no. 32.0569/0** onto profile
- Directly on carrier profile

ROLLER STRIP BRACKET 30

part no. 32.0575/1



TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- With fastening kit	
- Thickness	6 mm
- Weight	0,092 kg

APPLICATIONS

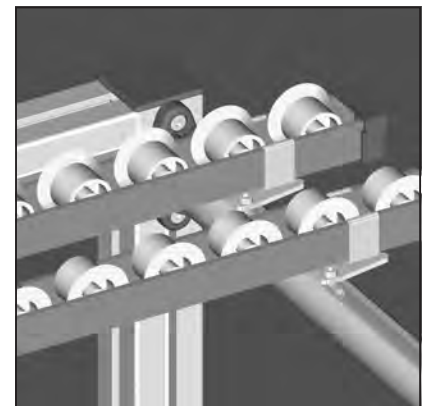
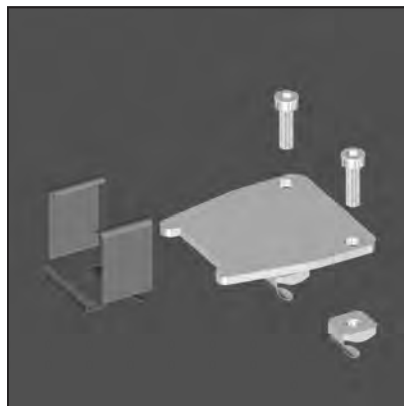
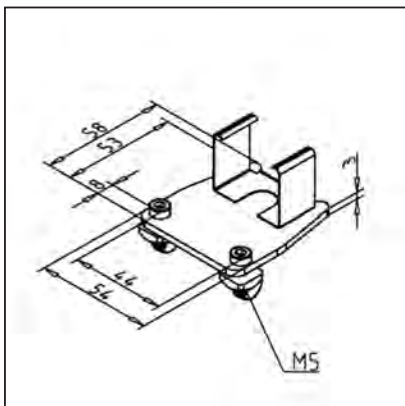
- For fastening of roller strips

ASSEMBLY

- Shorten roller strips
- Clip roller strip bracket onto roller strip and use fastening kit

ROLLER STRIP FASTENING

part no. 32.0574/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

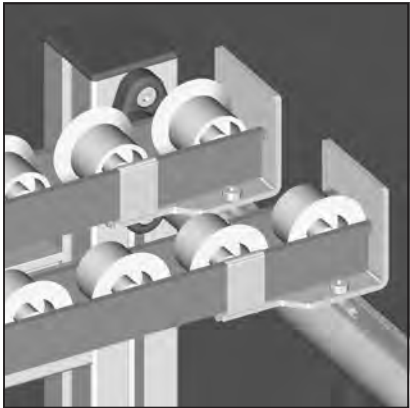
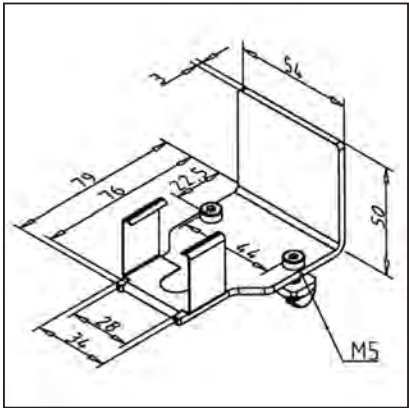
- for fastening roller strip without processing

ASSEMBLY

- For inclining roller tracks, handle profile **part no. 20.1088/0** connected to a flange bearing 32 **part no. 22.1016/0** or use a collar 32 **part no. 22.1022/0**

ROLLER STRIP END STOP

part no. 32.0569/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

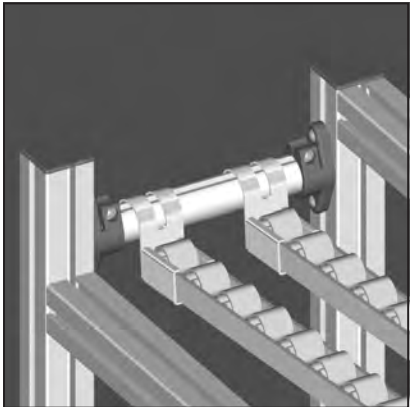
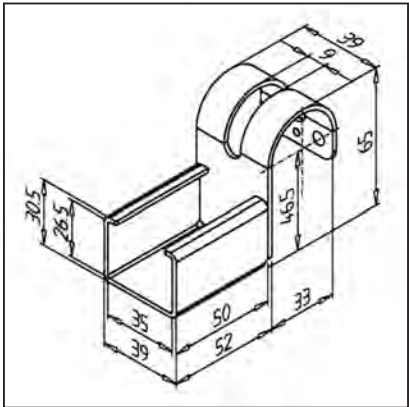
- Use as end stop for roller strip
- Install without drilling

ASSEMBLY

- Use fastening kit
- For inclining roller tracks, handle profile **part no. 20.1088/0** connected to a flange bearing 32 **part no. 22.1016/0** or use a collar 32 **part no. 22.1022/0**

ROLLER STRIP BRACKET H

part no. 32.0553/0



TECHN. DATA / ITEMS SUPPLIED

- steel, zinc-plated
- Thickness 2 mm
- Weight 0,141 kg

APPLICATIONS

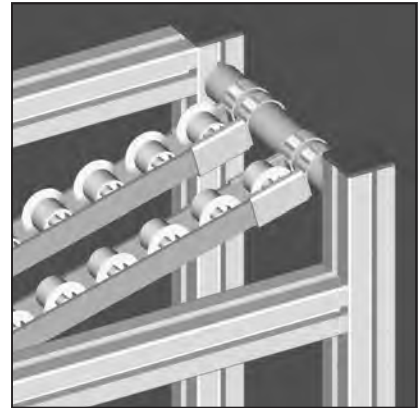
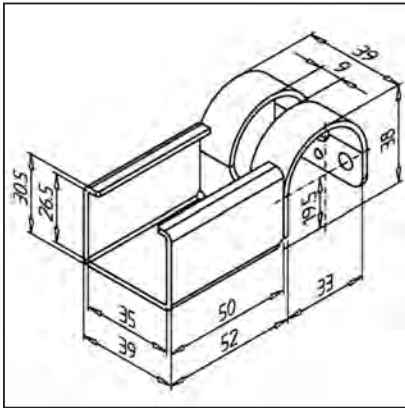
- for fastening roller strips onto handle profile 32
- used as end stop for e.g. containers

ASSEMBLY

- shorten roller strips
- clip roller strip bracket onto roller strip
- hook into handle profile 32
- if necessary secure roller strip bracket with stud screws

ROLLER STRIP BRACKET F

part no. 32.0554/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|---------------------|----------|
| - Steel zinc plated | |
| - Thickness | 2 mm |
| - Weight | 0,124 kg |

APPLICATIONS

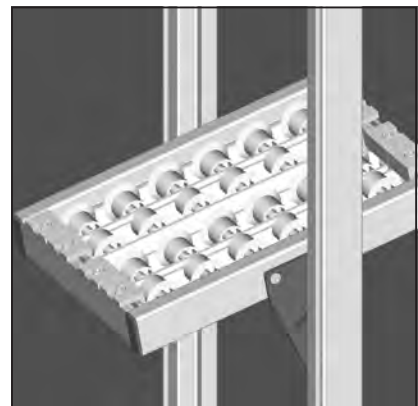
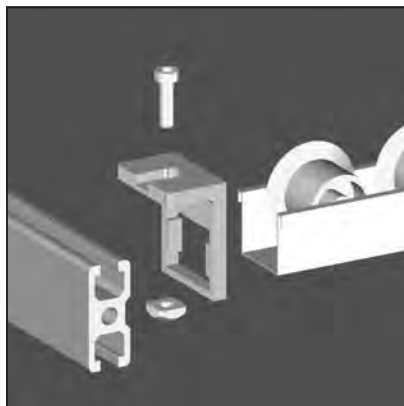
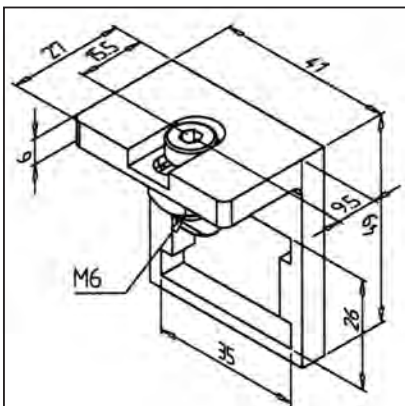
- for fastening roller strips onto handle profile 32
- Height of edges on the bracket corresponds the travelling height of rollers

ASSEMBLY

- shorten roller strips
- clip roller strip bracket onto roller strip
- hook into handle profile 32
- if necessary secure roller strip bracket with stud screws

ROLLER STRIP BRACKET 19

part no. 32.0575/0

**TECHN. DATA / ITEMS SUPPLIED**

- | | |
|----------------------|----------|
| - Steel zinc plated | |
| - With fastening kit | |
| - Thickness | 6 mm |
| - Weight | 0,096 kg |

APPLICATIONS

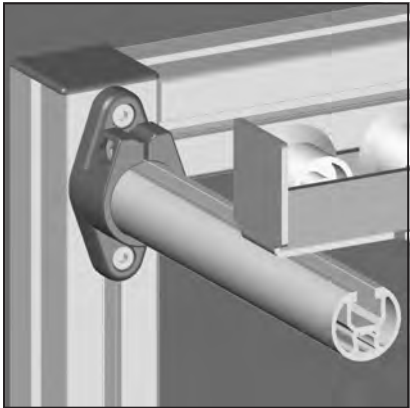
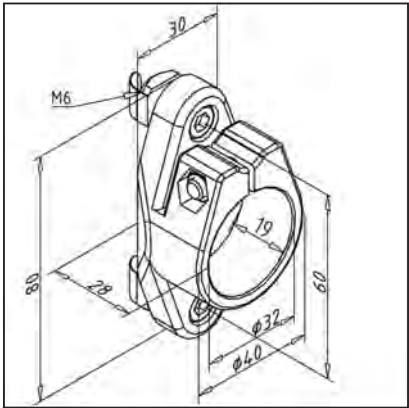
- for fastening roller strips onto profiles series 19 and 32
- Holder also serves as bedstop
- also available for profile 30 serie (see **part no. 32.0575/1**)

ASSEMBLY

- shorten roller strips
- clip roller strip into bracket and use supplied fastening kit to fasten onto profile

FLANGE BEARING 32

part no. 22.1016/0



TECHN. DATA / ITEMS SUPPLIED

- Flange bearing ABS, grey
- With fastening kit
- Weight 0,050 kg

APPLICATIONS

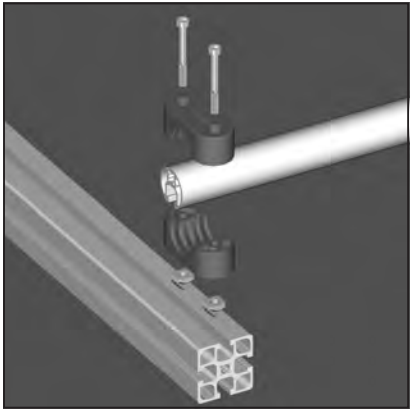
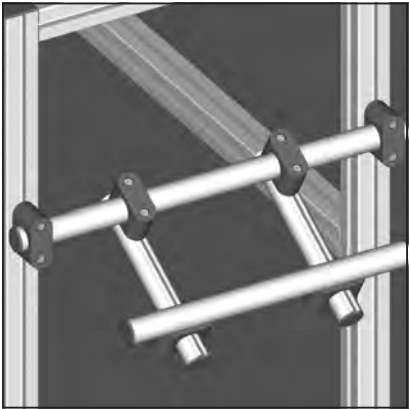
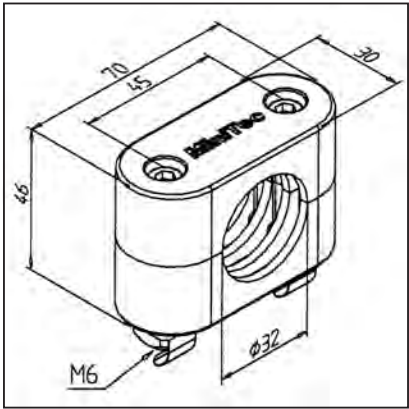
- For angle adjustable installation of handle profile 32 for roller strip

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 no. 22.1022/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

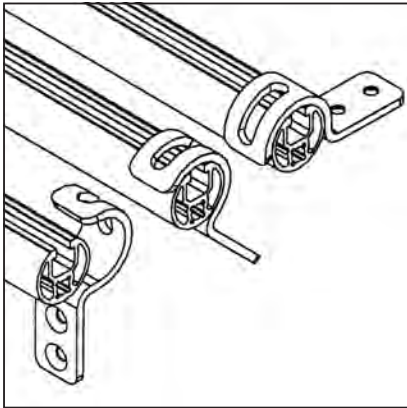
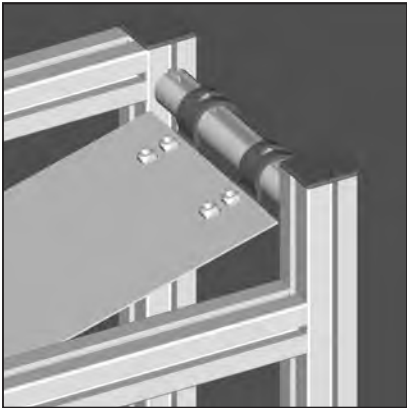
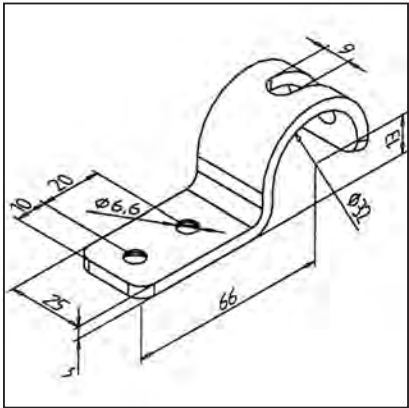
- For handle profile 32
- Handle with adjustable angle
- Simple equipment and frames

ASSEMBLY

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

CATCH 32 FOR HANDLE PROFILE

part no. 21.0005/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, powder coated grey
- Set screw M6x16
- Square nut M6
- Weight 0,08 kg

APPLICATIONS

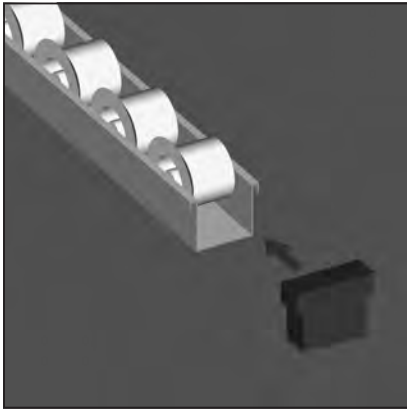
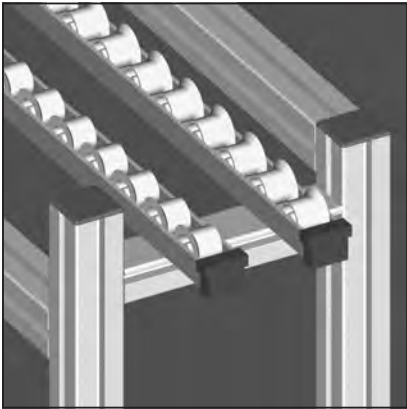
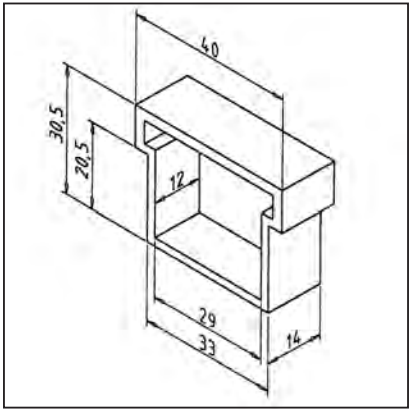
- For flexible installation of handle profile 32 for roller strip

ASSEMBLY

- To connect use countersunk screw M6
- Hook into handle profile 32
- If required, use set screw M8 x 20 and square nut M8 to secure against sliding

EDGE PROTECTION

part no. 32.0572/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

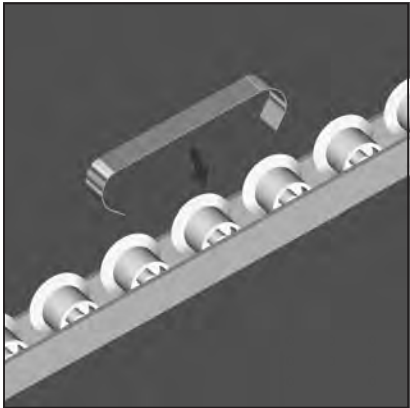
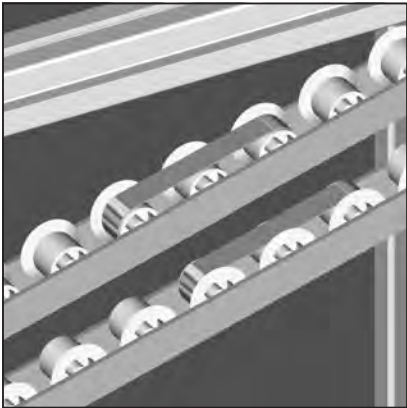
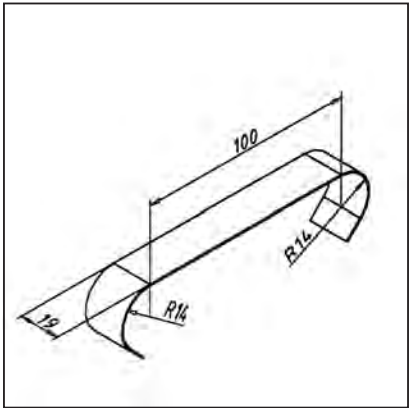
- Protection against injury

ASSEMBLY

- slip on roller strip

BRAKE PLATE

part no. 32.0571/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

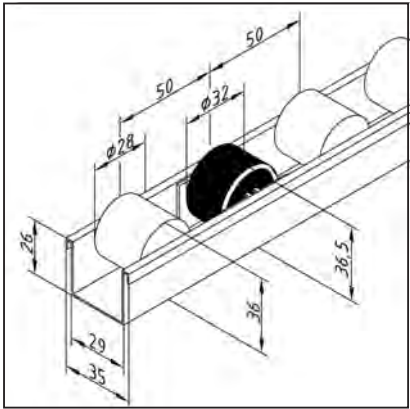
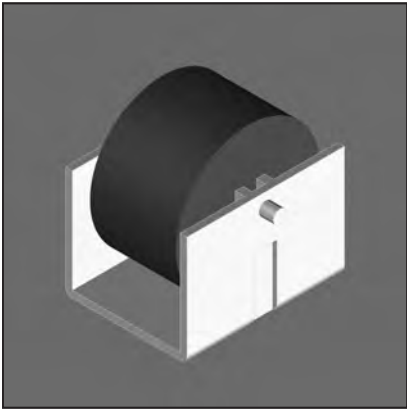
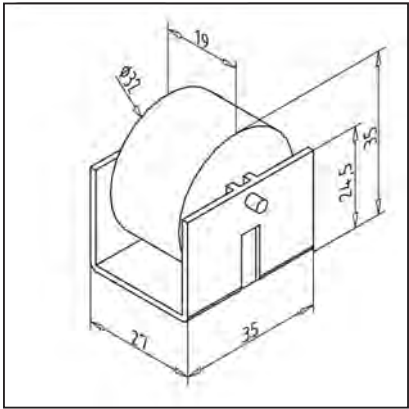
- The brake plate can be fastened at any desired location

ASSEMBLY

- Slip on roller strip

BRAKE-ROLLER

part no. 32.0562/0



TECHN. DATA / ITEMS SUPPLIED

- Roller plastic, black
- support plastic black
- Weight 0,022 kg

APPLICATIONS

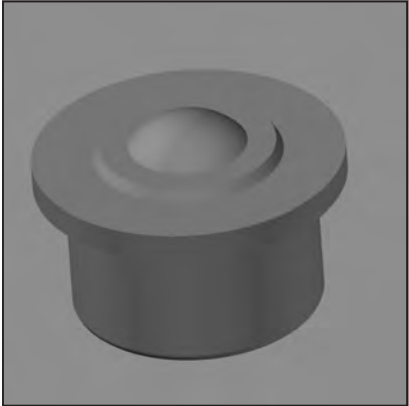
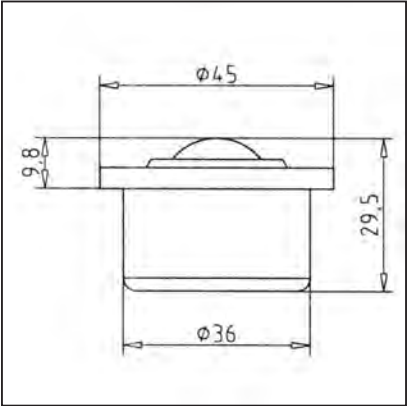
- used for roller strips with decline, to decelerate transported material

ASSEMBLY

- remove existing roller from roller strip
- insert support at the same place and clip brake-roller in
- pay attention to rolling direction of support and roller when mounting

BALL CASTER

part no. 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

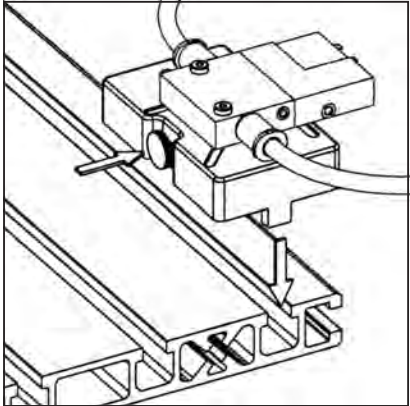
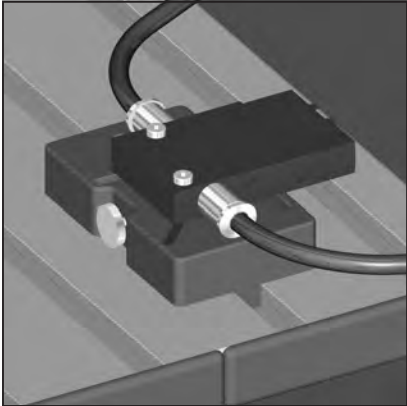
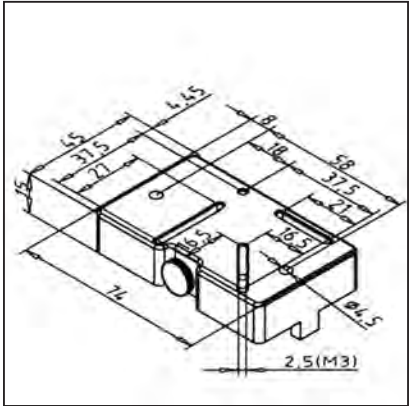
- Ball casters for conveyors and automation systems
- Enable a simultaneous longitudinal and transverse movement
- Assembly into work tables or roller conveyors
- Ball casters also as running gear for crates, equipment, furniture and machines

ASSEMBLY

- Insert into prepared bore
- Or mount with tolerance ring **part no. 35.0001/0**
- Caution: for installation using tolerance ring of other bore diameter (37.7 + 0.2 mm)

UNIVERSAL CLAMPING SOCKET

part no. P20.060/0



TECHN. DATA / ITEMS SUPPLIED

- Case PA 6 GF
- Steel button
- 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 DEVICES

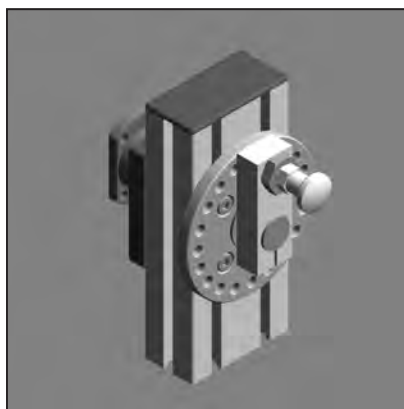
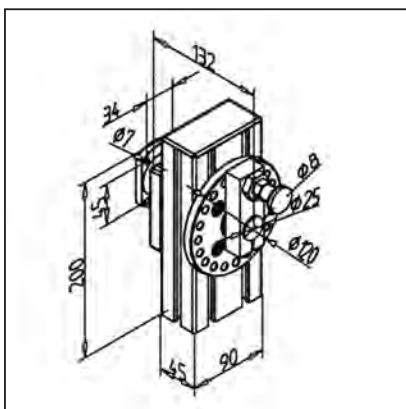
Reusability i.e. flexibility is - besides fast set-up times - an important factor in the development of mounting devices.

In combination with the Minitec profile system, adaptability is always assured in matters of differing workpieces with simultaneously low tooling effort and minimum tooling time.



TURNING DEVICE 45 X 90

part no. 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	
- Weight	3,320 kg

APPLICATIONS

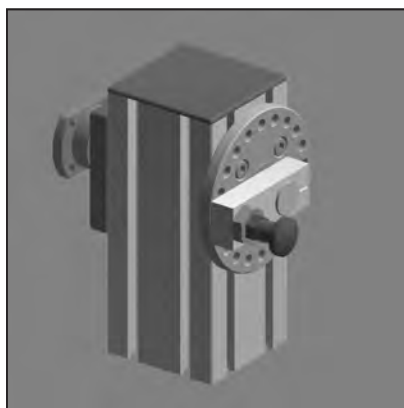
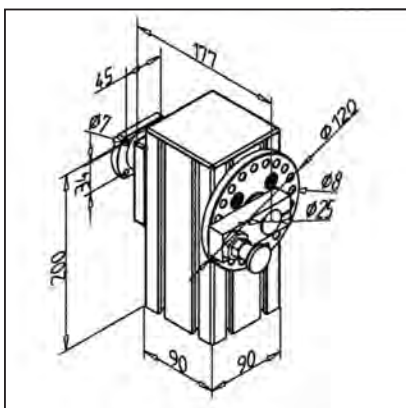
- Positioning of components for installation purposes with repeatable accuracy
- Remote controlled pneumatic locking on request

ASSEMBLY

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

TURNING DEVICE 90X90

part no. 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	
- Weight	4,374 kg

APPLICATIONS

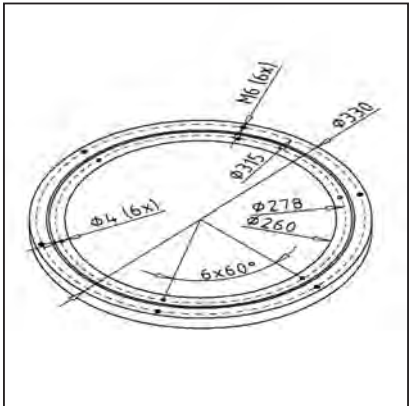
- Positioning of components for installation purposes with repeatable accuracy
- Remote controlled pneumatic locking on request

ASSEMBLY

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

ROTATING ASSEMBLY

part no. 32.2005/0



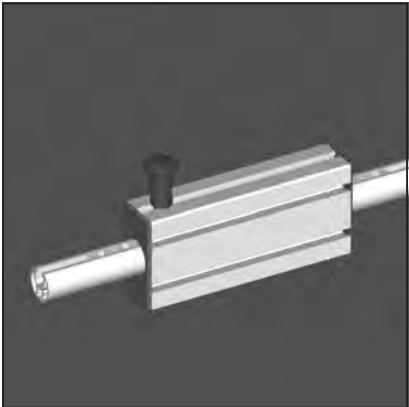
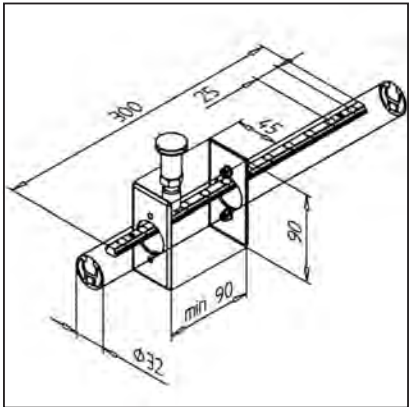
TECHN. DATA / ITEMS SUPPLIED	
- Rotation assembly of zinc die casting with steel balls	
- Axial load up to 300 kg	
- ESD capable	
- Ø 330 x 13.5 mm	
- Low maintenance	
- Aluminium circular blanks on request	
- Weight	0,575 kg

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

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

DETENT PIN ADJUSTMENT H

part no. 29.0851/0



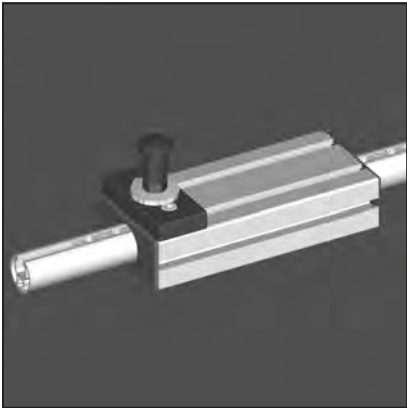
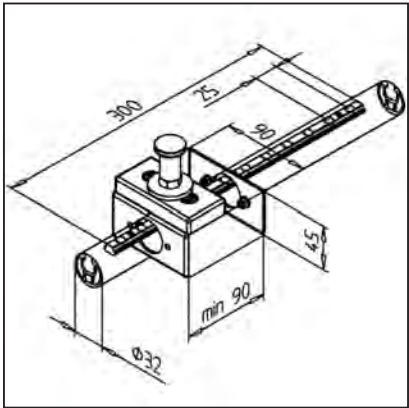
TECHN. DATA / ITEMS SUPPLIED	
- detent pin with interlock	
- perforated t-slot for detent splitting 25 mm, length 300 mm	
- end caps	
-	
- Weight	0,241 kg

APPLICATIONS
- for height-adjustable tables, conveyors etc.
- for lock in place adjustment of lateral guides
- for adjustable devices and clampings

ASSEMBLY
- fasten perforated t-slot bar onto handle profile 32
- screw detent pin into profile 45x90 S
- please indicate length of handle profile 32 (min. 300 mm) and profile 45x90S (min. 90 mm)!

DETENT PIN ADJUSTMENT F

part no. 29.0852/0



TECHN. DATA / ITEMS SUPPLIED	
- detent pin with interlock	
- perforated t-slot for detent splitting 25 mm, length 300 mm	
- end caps	
- base and transport plate for insertion of detent pin	
- Profile 45 x 90S processed	
part no. 29.0858/0 and handle profile 32 part no. 20.1088/0 not included as supplied items	
- Weight	0,459 kg

APPLICATIONS
- for height-adjustable tables, conveyors etc.
- for lock in place adjustment of lateral guides
- for adjustable devices and clampings

ASSEMBLY
- fasten perforated t-slot bar onto handle profile 32
- screw detent pin into base and transport plate and profile 45x90 S
- please indicate length of handle profile 32 (min. 300 mm) and profile 45x90S (min. 90 mm)!

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.

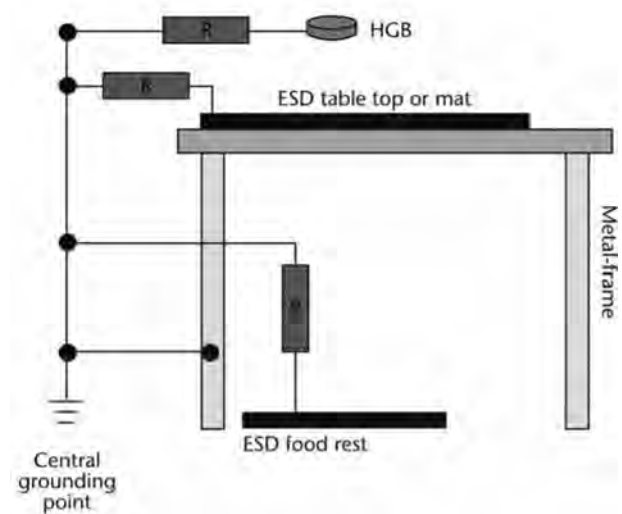
Reasons for this charging are for example:

- 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

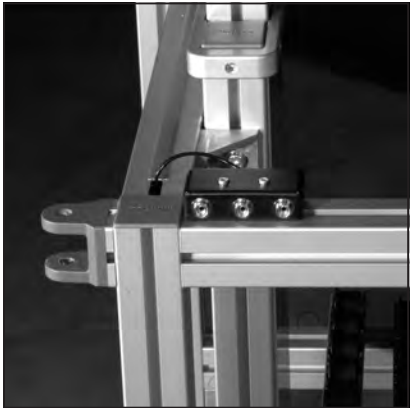
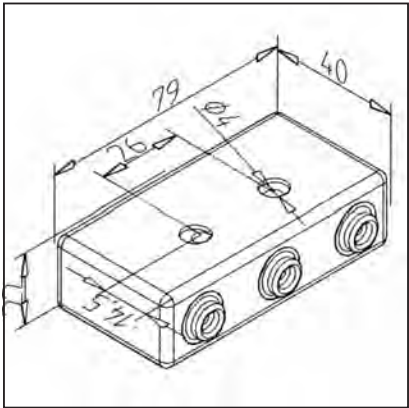


To guarantee a safe protection of electrostatic endangered components and devices all components have to be conductively connected and the whole construction has to be grounded.

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

ESD EARTHING BOX

part no. 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

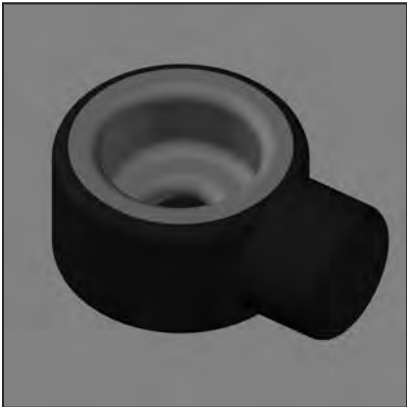
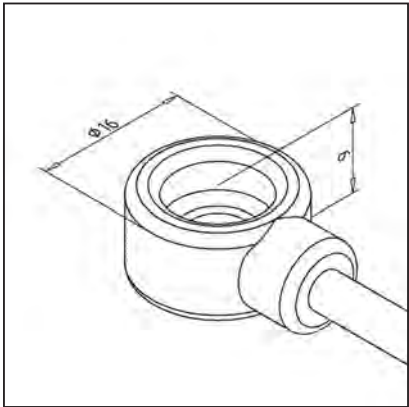
- Earth connection point EBP for personnel grounding

ASSEMBLY

- Fasten with chipboard screws \varnothing 4x30 to tabletop
- Fasten with cyl. screw M4x30
part no. 21.1285/0 and 2x slide nuts M4
part no. 21.1310/2 to the profile

EARTH LEAD ESD

part no. 32.1004/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

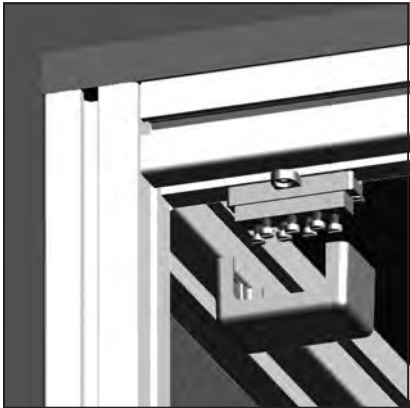
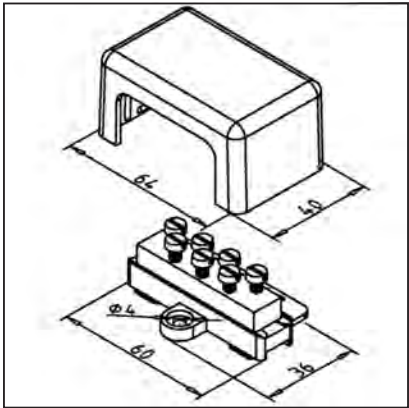
- For table and floor coverings

ASSEMBLY

- Connect to central grounding strip
part no. 32.1003/0
- Clip onto table pad

CENTRAL EARTHING BOX ESD

part no. 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

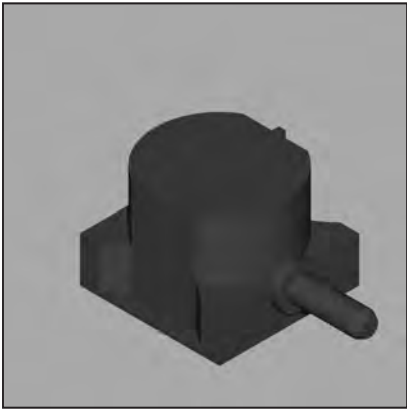
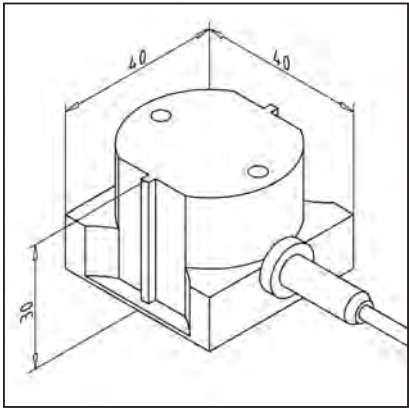
- Suitable for connecting grounding wires to ESD or protective earth

ASSEMBLY

- Attach to the tabletop with accessories from scope of supply

DUMMY PLUG WITHOUT RESISTOR

part no. 32.1001/0



TECHN. DATA / ITEMS SUPPLIED

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

APPLICATIONS

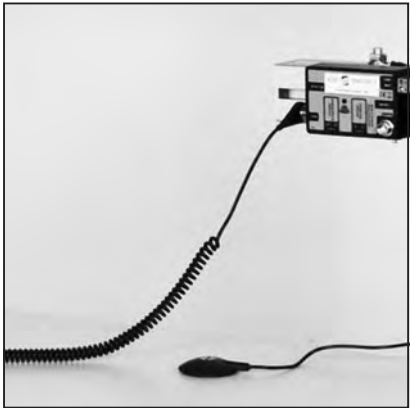
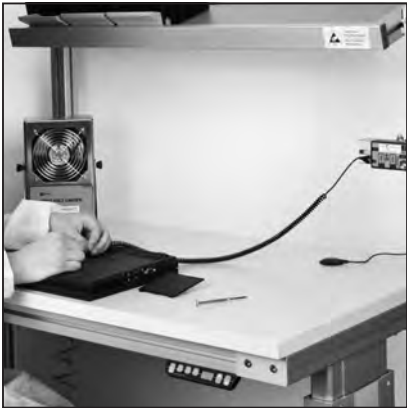
- For direct grounding from tabletop and floor coverings or the central earthing strip

ASSEMBLY

- Connect to central grounding strip **part no. 32.1003/0**
- Plug into suitable Schuko outlet

SPIRAL CABLE HIGHELASTIC

part no. 32.1017/0



TECHN. DATA / ITEMS SUPPLIED

- Spiral cable highelastic, black
- 10mm/ 10mm push button
- 1 MOhm fuse
- Length 1,80 m

APPLICATIONS

- For connecting wristlets onto earthing box

ASSEMBLY

- Fasten spircal cable with push button onto earthing box and wristlet

WRISLET ELASTIC

part no. 32.1018/0



TECHN. DATA / ITEMS SUPPLIED

- Wrislet blue
- Push button 10 mm

APPLICATIONS

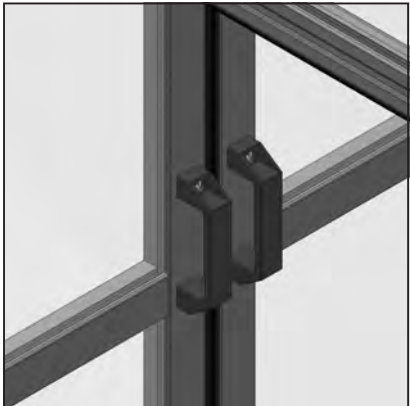
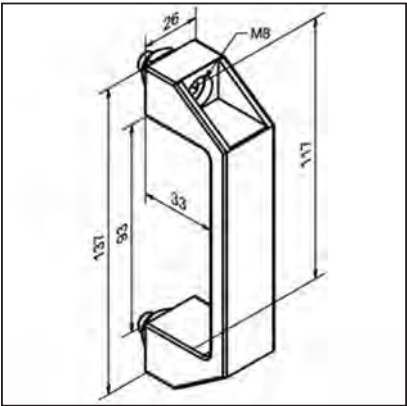
- Earthing of employees

ASSEMBLY

- Mount on wrist and connect with spiral cable with earthing box

HANDLE 120 ESD, BLACK

part no. 32.1007/0



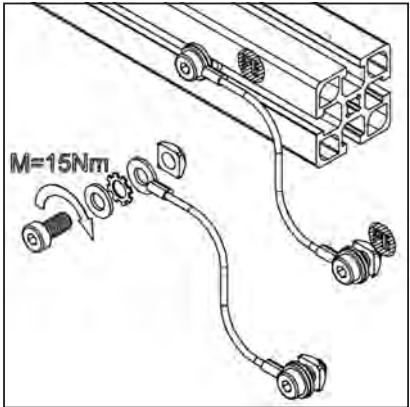
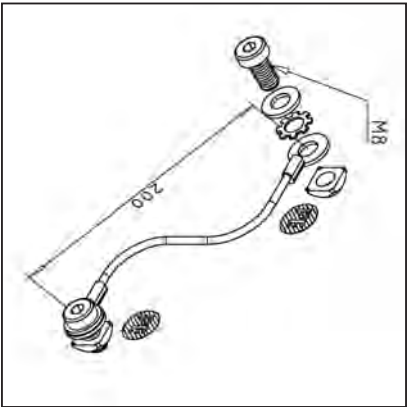
TECHN. DATA / ITEMS SUPPLIED	
- ABS, conductive	
- Fastening kit	
- Weight	0,073 kg

APPLICATIONS	
- Doors	
- Lids	
- Guards	

ASSEMBLY	
- Use fastening kit	
- Directly on panel element with hex socket cap screw M8, length according to material thickness	
- Assembly can also be carried out from the rear side	

EARTH CONDUCTOR ESD-SECTOR

part no. 32.1013/0



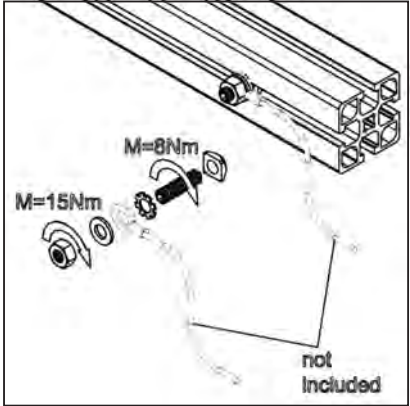
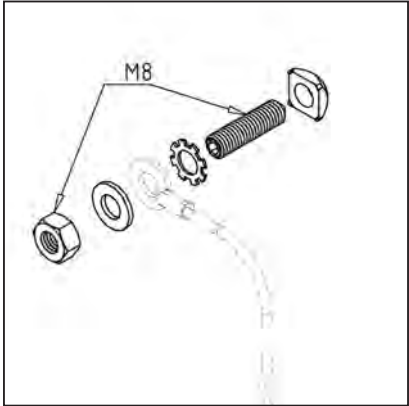
TECHN. DATA / ITEMS SUPPLIED	
- Earth conductor for ESD-sector	
- Conductor H07V-K 4mm ² length: 200mm	
- incl. Fastening kit	

APPLICATIONS	
- Earth conductor for ESD-sector	
- Profile - Profile	
- Profile - Surface element	

ASSEMBLY	
- Fasten both sides with M8	
- Use fastening kit	

GROUNDING POINT

part no. 32.0769/0



TECHN. DATA/ITEMS SUPPLIED

- grub screw M8x30
- slide nut-Z M8
- toothed washer
- washer
- hexagon nut

APPLICATIONS

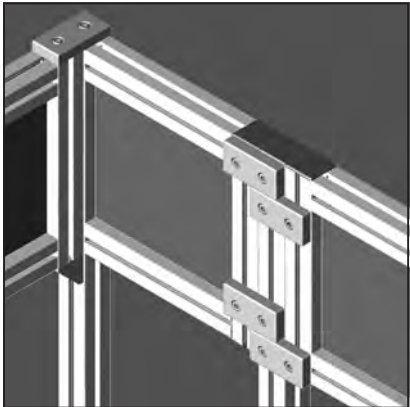
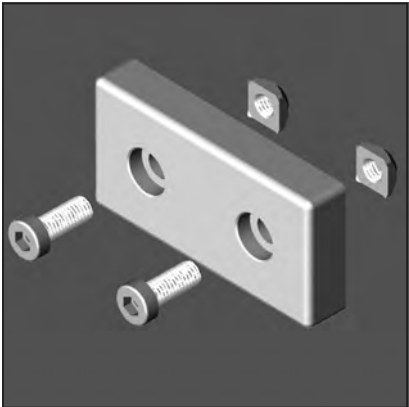
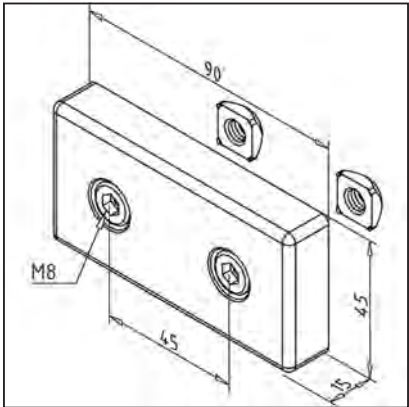
- For Earthing of worktables and constructions

ASSEMBLY

- Fasten with attached assembly drawing

CONNECTING PLATE 45 X 90 CONDUCTIBLE

part no. 21.1472/6



TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD, powder coated, grey
- With fastening kit
- Weight 0,189 kg

APPLICATIONS

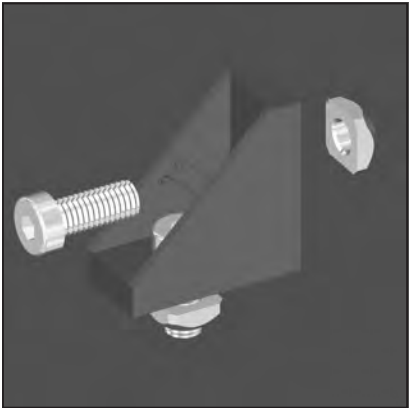
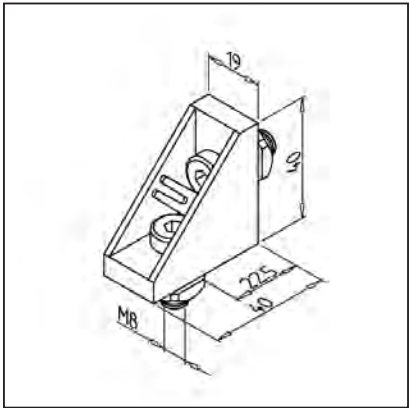
- Seamless connecting of protection device
- For hardening of safety fence
- Connection of pre-staged module

ASSEMBLY

- Use fastening kit

MOUNTING BRACKET 19 GD-Z CONDUCTIVE

part no. 21.2078/6



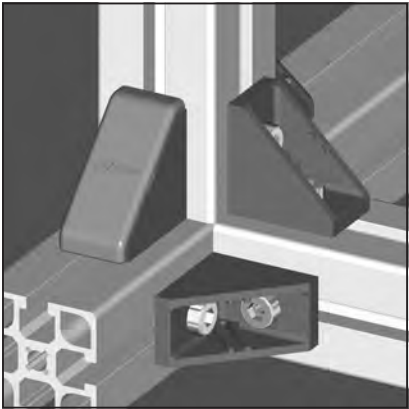
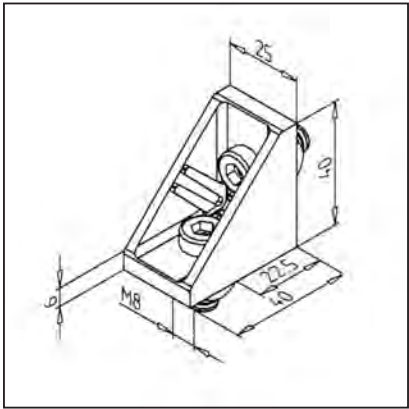
TECHN. DATA / ITEMS SUPPLIED	
- Aluminium GD-Z	
- Fastening kit	
- Weight	0,033 kg

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

ASSEMBLY
- Use fastening kit
- In case of mounting into vertical profiles, the use of square nut M8 Z with position-fixing part no. 21.1390/2 is recommended
- Recommended locking torque 20 Nm

MOUNTING BRACKET 25 GD-Z CONDUCTIVE

part no. 21.0969/6



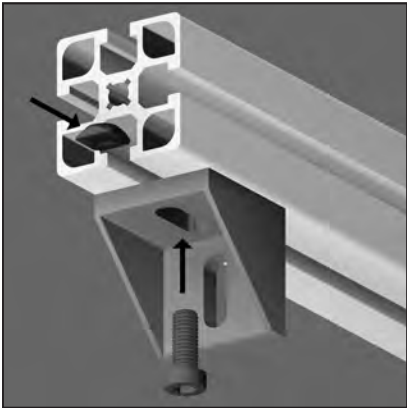
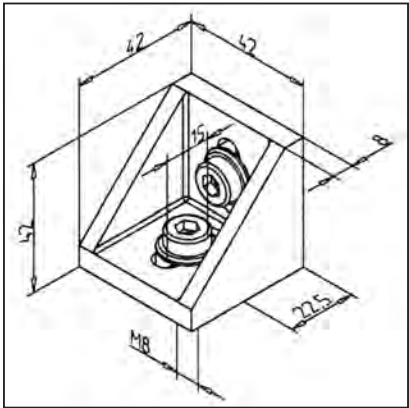
TECHN. DATA / ITEMS SUPPLIED	
- Aluminium GD	
- Fastening kit	
- Removable centering tabs	
- Weight	0,044 kg

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

ASSEMBLY
- Use fastening kit
- For subsequent mounting into vertical profiles use square nut M8-Z with position-fixing part no. 21.1390/2
- Recommended locking torque 20 Nm

MOUNTING BRACKET 45 GD CONDUCTIVE

part no. 21.1133/6



TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD
- Fastening kit
- Weight 0,072 kg
- Angle with slide nut Z and spring steel sheet: **part no. 21.1133/8**

APPLICATIONS

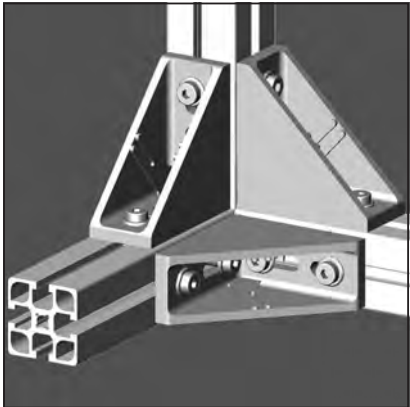
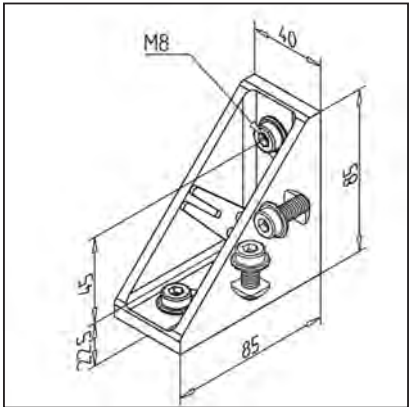
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fastening of panel elements, table tops
- Strengthening of profile constructions

ASSEMBLY

- Use fastening kit
- For subsequent mounting into vertical profiles use square nut M8-Z with position-fixing **part no. 21.1390/2**
- Hammer head screw **part no. 21.1370/0** can be used
- Recommended locking torque 20 Nm

MOUNTING BRACKET 45 X 90 GD-Z CONDUCTIVE

part no. 21.1397/6



TECHN. DATA / ITEMS SUPPLIED

- Aluminium GD
- Fastening kit
- Weight 0,216 kg
- Angle with slide nut Z with spring steel sheet: **part no. 21.1397/8**

APPLICATIONS

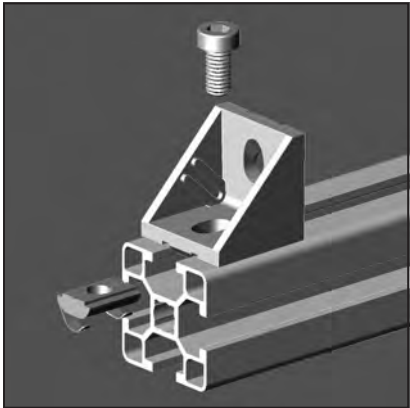
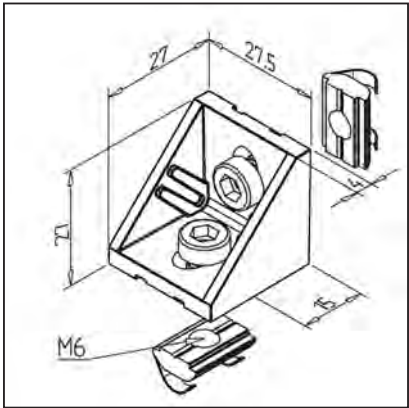
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fastening of panel elements, table tops
- Strengthening of all profile connections

ASSEMBLY

- Use fastening kit
- For mounting into vertical profile use square nut M8-Z with position-fixing **part no. 21.1390/2**
- Recommended locking torque 20 Nm

ANGLE 30 GD, CONDUCTIVE

part no. 21.1347/6



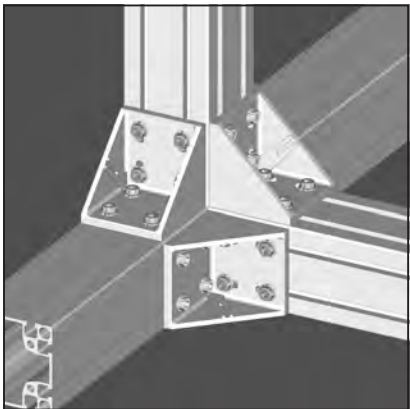
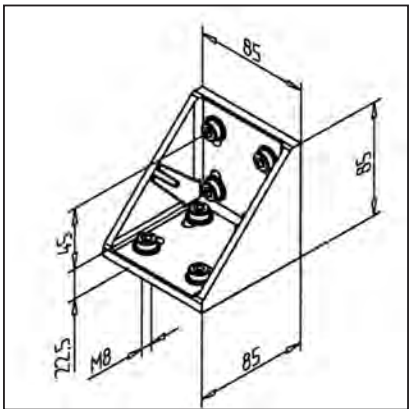
TECHN. DATA / ITEMS SUPPLIED	
- Aluminium GD	
- Fastening kit	
- Weight	0,025 kg

APPLICATIONS
- General constructions, particularly useful for subsequent fitting of profiles into existing constructions
- Fixing of panels, table-tops
- Strengthening of all profile connections

ASSEMBLY
- Use fastening kit
- For subsequent mounting into vertical profiles use square nut M8 Z with position-fixing part no. 21.1390/2
- Recommended locking torque: 20 Nm

ANGLE 90 GD CONDUCTIVE

part no. 21.0978/6



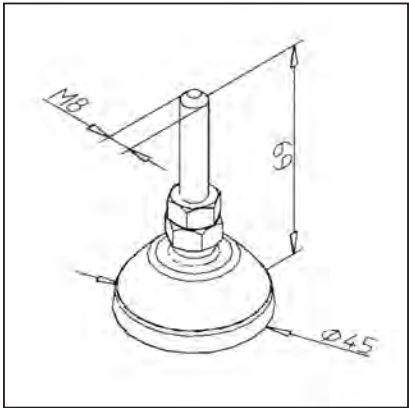
TECHN. DATA / ITEMS SUPPLIED	
- Aluminium GD, powder coated, grey	
- Fastening kit	
- Locking device against rotation	
- Weight	0,270 kg
- Angle with slide nut Z with spring steel sheet: part no. 21.0978/8	

APPLICATIONS
- For profiles 90 and 180
- 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 subsequent mounting into vertical profiles use square nut M8 Z with position-fixing part no. 21.1390/2
- Recommended locking torque 20 Nm

HINGED FOOT D45 CONDUCTIVE

part no. 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 m with spindle M10 **part no. 32.1012/0**

APPLICATIONS

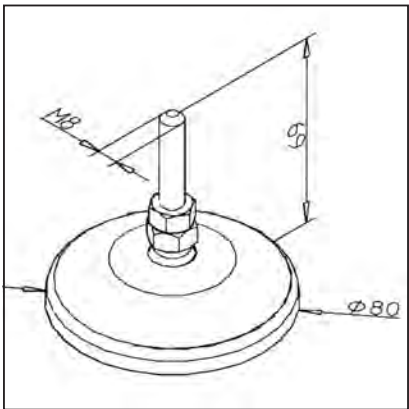
- Height-adjustable constructions of every type
- Guards, tables, show cases, Conveying systems, workstations

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 no. 32.1021/0



TECHN. DATA / ITEMS SUPPLIED

- Plate PA, black
- Anti-slip insert
- Spindle, steel, zinc plated M8
- Counter nut, steel, zinc plated
- All spindle fit all plates
- Conductive
- Hinged foot ESD D=80 m with spindle M10 **part no. 32.1022/0**

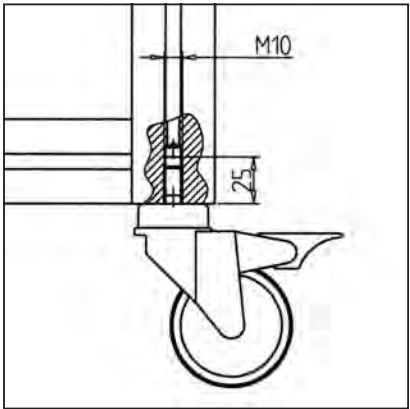
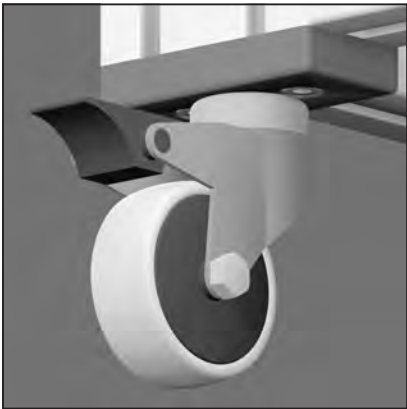
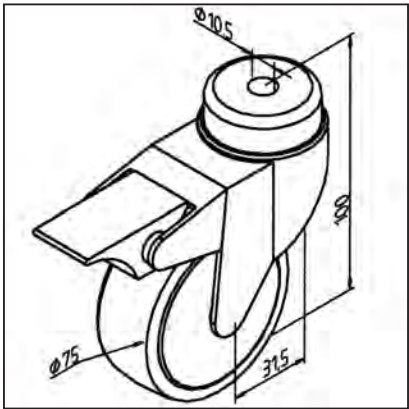
APPLICATIONS

- Height-adjustable constructions of every type
- 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 D75X100, CONDUCTIVE part no. 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

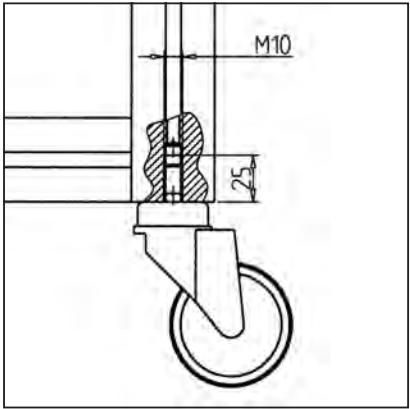
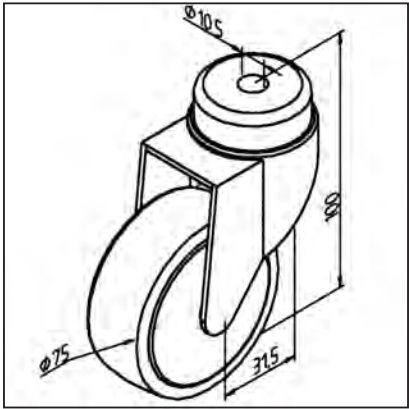
APPLICATIONS

- 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 45 x 45 or bigger, a connection plate is necessary

GUIDE ROLLER WITHOUT LOCKING DEVICE D75 X 100, CONDUCTIVE part no. 32.1031/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated
- Conductive
- Roller, solid rubber, grey
- With fastening kit
- Weight 0,372 kg
- Load max. 50 kg
- Further constructions on demand

APPLICATIONS

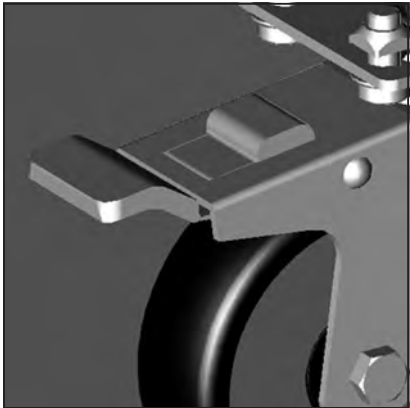
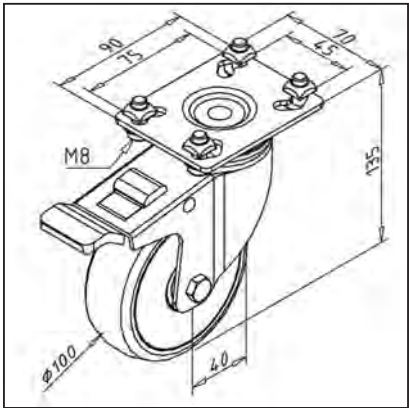
- Movable tables
- Material racks
- Show cases etc.

ASSEMBLY

- Mount directly onto the core bore of the vertical profile with fastening kit, then drill and tap thread M10 x 25.
- If the roller should be centrally positioned in profile 45 x 45 or bigger, a connection plate is necessary

GUIDE ROLLER 100 / 135 WITH ADJUSTER, CONDUCTIVE

part no. 32.1034/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- Conductive	
- Roller, solid rubber, grey	
- With fastening kit	
- Weight	0,243 kg
- Load max.	90 kg

APPLICATIONS

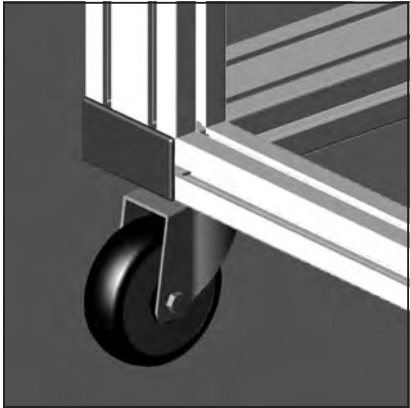
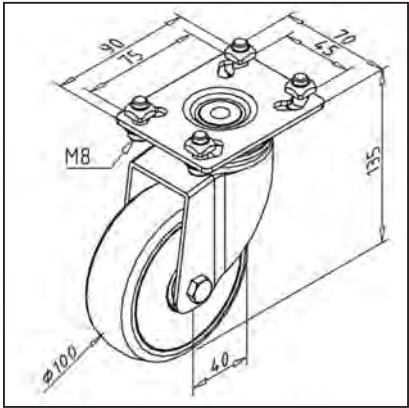
- Movable tables
- Material racks
- Show cases etc.

ASSEMBLY

- Mount directly onto the central hole of the vertical profile with fastening kit, then drill and tap thread M10 x 25.

GUIDE ROLLER 100 / 135 WITHOUT ADJUSTER, CONDUCTIVE

part no. 32.1035/0



TECHN. DATA / ITEMS SUPPLIED

- Steel, zinc plated	
- Conductive	
- Roller, solid rubber, grey	
- With fastening kit	
- Weight	0,225 kg
- Load max.	90 kg

APPLICATIONS

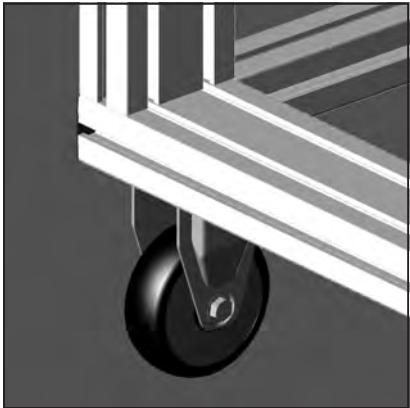
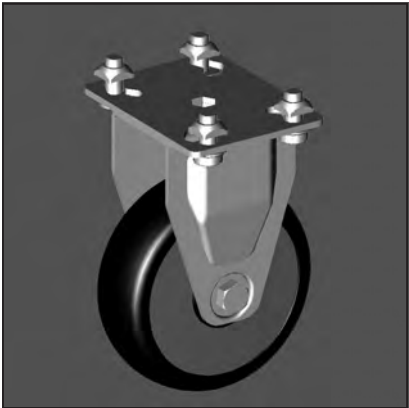
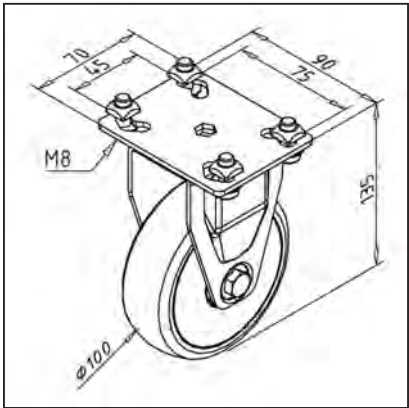
- Movable tables
- Material racks
- Show cases etc.

ASSEMBLY

- Mount directly onto the central hole of the vertical profile with fastening kit, then drill and tap thread M10 x 25.

FIXED CASTOR FOR HEAVY LOADS 100 / 135, CONDUCTIVE

part no. 32.1036/0



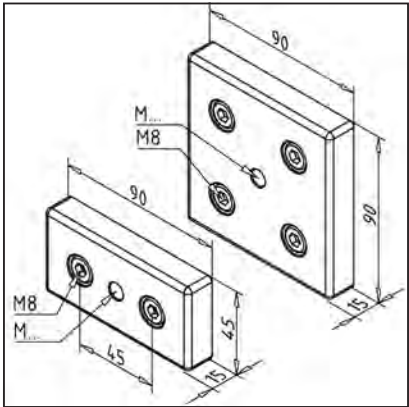
TECHN. DATA / ITEMS SUPPLIED	
- Steel, zinc plated	
- Conductive	
- Roller, solid rubber, grey	
- With fastening kit	
- Weight	0,163 kg
- Load max.	90 kg

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.	

MOUNTING PALTE, CONDUCTIVE

part no. diverse



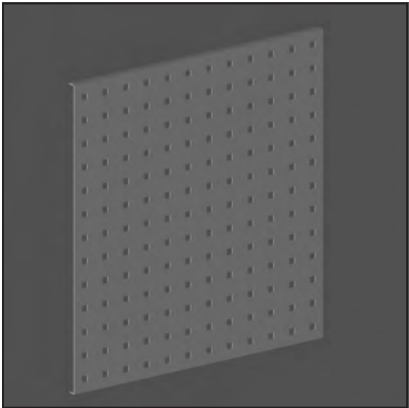
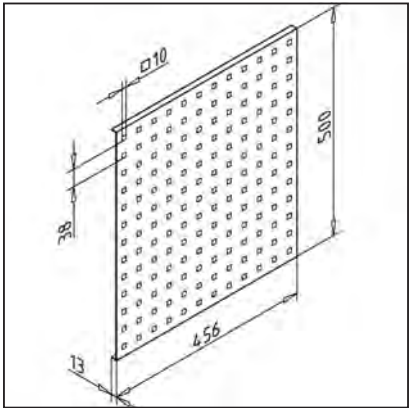
TECHN. DATA / ITEMS SUPPLIED	
- Aluminium GD	
- With fastening kit	
- Different types:	
Mounting plate 45 x 90 M10 conductive	
part no. 21.1038/6	
Mounting plate 45 x 90 M12 conductive	
part no. 21.1039/6	
Mounting plate 90 x 90 M10 conductive	
part no. 21.1041/6	
Mounting plate 45 x 90 M12 conductive	
part no. 21.1041/6	

APPLICATIONS	
- Centric fastening at profile 45 x 90	
- Fastening of guide rollers	

ASSEMBLY	
- Use fastening kit	

TOOL HOLDER PLATE

part no. 32.0635/6



TECHN. DATA / ITEMS SUPPLIED

- Steel, light grey, 1.25 mm powder-coated
- Square hole perforation 10 x 10 mm at 38 mm grid pattern
- Height 456 mm
- Width 500 mm

OTHER VERSIONS

- Width B 1000 mm, **part no. 32.0636/6**
- Width B 1200 mm, **part no. 32.0637/6**
- Width B 1500 mm, **part no. 32.0638/6**
- Width B 2000 mm, **part no. 32.0639/6**

ASSEMBLY

- Fasten onto portal structure

WORKPLACE SYSTEMS

REQUEST WORKTABLE

☐ Container table
 ☐ Desk table
 ☐ height adjustable
 ☐ with portal
 ☐ without portal
 ☐ ESD-Version

Basic dimension

Working height H2 mm

Depth T1 mm

Table dimensions

Width B mm

Working height H mm

Depth T mm

Ground clearance H1 mm

Foot rest Depth F mm

PREFERRED DIMENSIONS OF TABLES

B = 1000/1200/1500/2000 mm T = 700 mm

Worktable (sitting) H = 700-740 mm

Worktable (standing) H = 900-1000 mm

Energy supply

☐ yes (see separate request) ☐ no

Others

Height adjustment

☐ manually hydraulic ☐ electric hydraulic

☐ electrically ☐ mechanically

Visual protection

☐ yes ☐ no

Material

Tabletops

Width B mm

Depth T mm

Material

part no.

PREFERRED DIMENSIONS OF TABLETOPS

B = 1000/1200/1500/2000 mm T = 700 mm

Foot rest

☐ ECO ☐ Standard ☐ Comfort

part no.

Under counter cabinet

☐ left ☐ right ☐ none

left/part no.

right/part no.

colour

Lighting

☐ Side luminaire 36

☐ 2x side luminaire 36

☐ Zentralleuchte 78

☐ Luminaire 78 & 2x Luminaire 36

☐ Center luminaire 116

☐ SAL- LED ☐ 10W ☐ 20W ☐ 30W ☐ dimmable

☐ Lucidus ☐ 24W ☐ 36W ☐ 56W

Others

WORKPLACE SYSTEMS

REQUEST WORKTABLE

Options

	part no.	Quantity		Position for Assembly	
<input type="checkbox"/> Document support	32.0605/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Document bar	32.0610/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool case S	26.3001/1	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Balancer	29.0111/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool support	32.0510/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool holder plate	32.0635/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool holder set	32.0530/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> C-Section rail 30	32.0220/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Holder C-Section rail 30	32.0222/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Cap for C-Profile rail	32.0223/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Cable trolley	32.0225/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Limit stop	32.0226/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Monitor carrier with keyboard storage	32.0517/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Drawing holder	32.0608/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Dokument clip	32.0609/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool hanger	21.1769/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Tool trolley	32.0224/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Depositing console	32.0501/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Holder, semi open front container	32.0516/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Semi open front container rack	32.0514/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Hinged extension arm	32.0201/0S	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Depositing board / Monitor support	32.0512/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Bottle holder	32.0547/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Beverage bag holder	32.0507/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Professional multiple-socket outlet 7-fach	32.0703/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Recyclable material collector	29.0022/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Recyclable material collector attachment	32.0024/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Double outlet WR	32.0779/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Double outlet SR	32.0779/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Two-way switch	32.0725/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	
<input type="checkbox"/> Two-way switch / Outlet	32.0752/0	<input type="text"/>	<input type="checkbox"/> mounted	<input type="text"/>	

Contact details

Company

Contact person

Phone no.

Fax no.

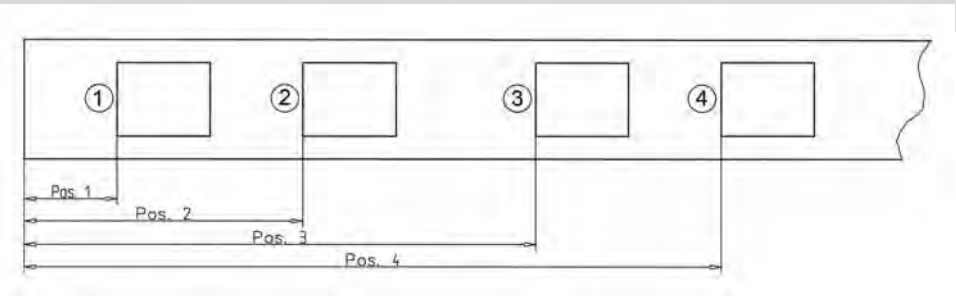
E-Mail

☐ Please call me back

☐ Please send me an offer

ENERGY SUPPLY DUCTING SYSTEM COMPONENT INSERTION

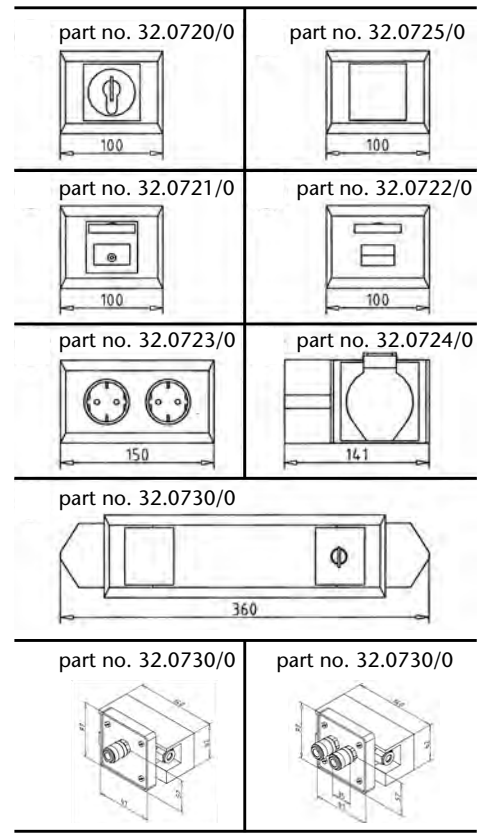
REQUEST ENERGY SUPPLY



Total length of energy supply ducting system _____ mm

Minimal 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

Equipping built-in distribution board (G)

☐ automatic circuit breaker C 10 ☐ automatic circuit breaker C 13 ☐ ground fault circuit interrupter (GCFI) 1-pole 16A/30mA ☐ overvoltage protection
part no. E 80008/0 part no. E 80006/0 part no. 32.0735/0 part no. 32.0721/1

Contact details

Company _____ Please call me back
Contact person _____ Please send me an offer
Phone no. _____
Fax no. _____
E-Mail _____

WORKPLACE SYSTEMS

REQUEST KANBAN-SYSTEM

Base frame

Depth T mm

Width B mm

Slope W°☐ Standard 4° ☐ optional

Number of levels pcs.

Number of tracks per level pcs.

Return layer☐ yes ☐ no

Goods to be transported

Length L mm

Width B mm

Height H mm

max. load with box kg

Transport direction box☐ longitudinal ☐ transverse

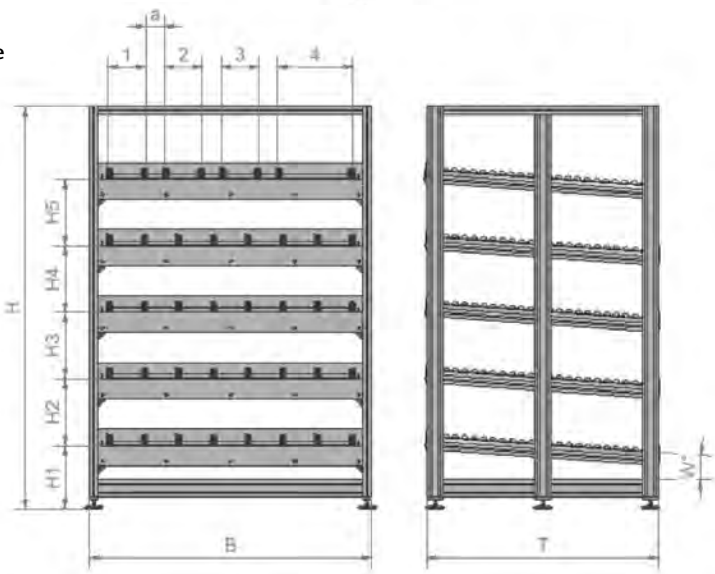
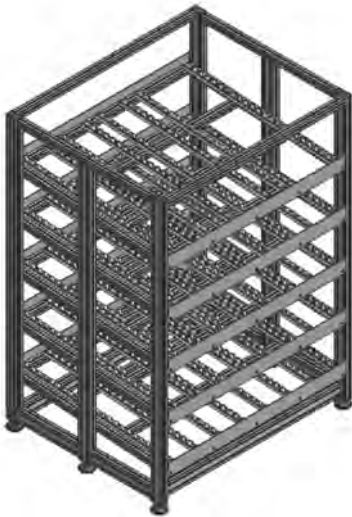
Rollen

Flange rollers ESD-version☐ yes ☐ no

Cylindrical rollers ESD-version☐ yes ☐ no

Level	Level height mm	Track width mm			
		1	2	3	4
H1					
H2					
H3					
H4					
H5					

For different transport goods, floors and tracks we will prepare an individually tailored offer to your needs.



Dimension a: Longitudinal transport: 30 mm, Transverse transport: 100 mm

Dimension a is the distance between the boxes. In the transverse transport this distance increases due to the grip distance when mounting and removing boxes.

Contact details

Company

Contact person

Phone no.

Fax no.

E-Mail

☐ Please call me back

☐ Please send me an offer

