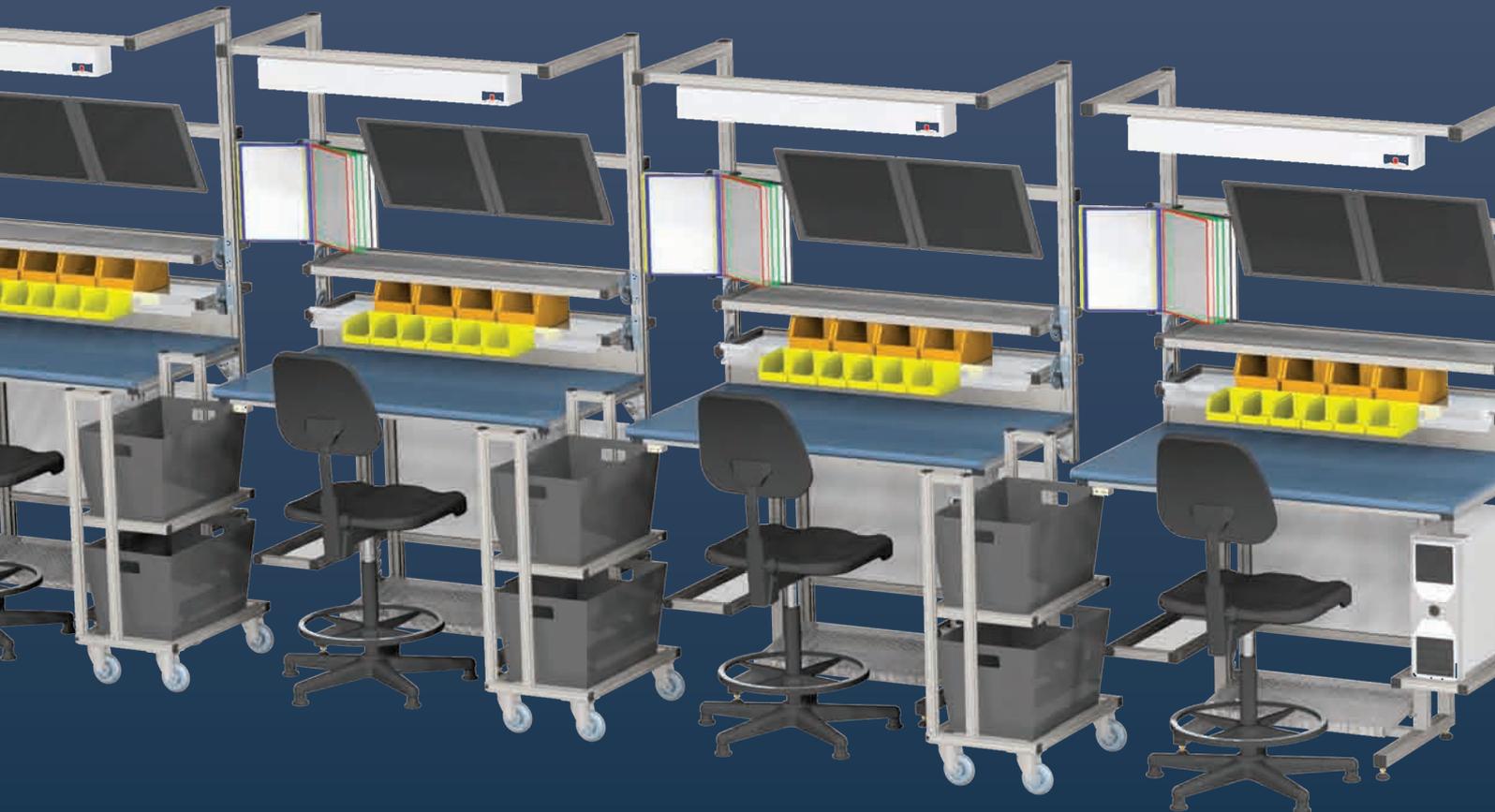


workstation systems for
efficient workplaces



AME System workstation systems

since 1992 AME System have been optimizing workplace performance for Australian and overseas companies across many industries.

our efficient, ergonomic, well designed and precisely made workstations, significantly improve productivity while boosting morale in a more conducive and safer work environment.

lean manufacturing

the global trend towards lean thinking and manufacturing continues to gain momentum.

even in today's automated environment, skilled, satisfied workers are invaluable on the factory floor.

the work people perform at workstations will continue to be critical across manufacturing industries in our highly competitive environment.

it is imperative to streamline manufacturing processes by upgrading and optimizing workstations to adapt to changing production needs.

specific requirements - customized solutions

AME System specializes in customized solutions for every manufacturing challenge from individual workstations to full scale production lines.

every aspect is designed and configured according to specific work/task requirements.

we also provide our expert consulting services and 3D graphical simulation of solutions for your lean manufacturing challenges.

our competitive design edge gives you the competitive production advantage.



Mr. Richard Winnicki
Founder and CEO
AME System Pty Ltd

ErgoStyle workstations
fixed height
pages 2 - 13



ErgoMan workstations
electric height adjustable
pages 14 - 21



activDesk
electric height adjustable
computer desk
pages 22 - 28

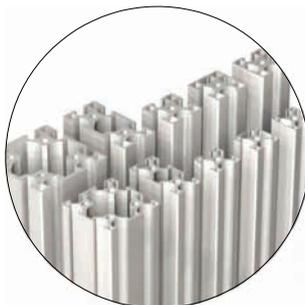


control room stations
electric height adjustable
pages 29 - 33



workstation accessories
pages 34 - 51

aluminium profiles system
pages 63 - 101





why adapting a workstation to the task and employee is important

a work surface that's just too low, a part that is just out of an employee's reach or poor lighting - these seemingly insignificant details can negatively impact the performance, safety, efficiency and motivation of employees. this directly influences productivity and production cost



commitment to ergonomic design

a company's employees are its most valuable asset.

a workstation designed and made by AME System makes for easier and more efficient work.

no matter whether standing or seated, AME System workbenches ensure you have everything within easy reach.

an investment in an ergonomic workstation from AME System is a sound and justified economic decision.



ergonomic design of workstations are vital to lean manufacturing because it contributes to waste-free production.

lean manufacturing

we have the right product for every situation, and the relevant know-how to make your manufacturing leaner.

production can only be efficient and have little waste if the workstations and entire production lines are designed in an ergonomic manner.



lean production philosophy

streamlines processes
minimises inventory
reduces space requirements
shortens transport distances
promotes one-piece flow production



ErgoStyle 96
page 4-5



ErgoStyle 126
page 6-7



ErgoStyle 128
pages 8-9

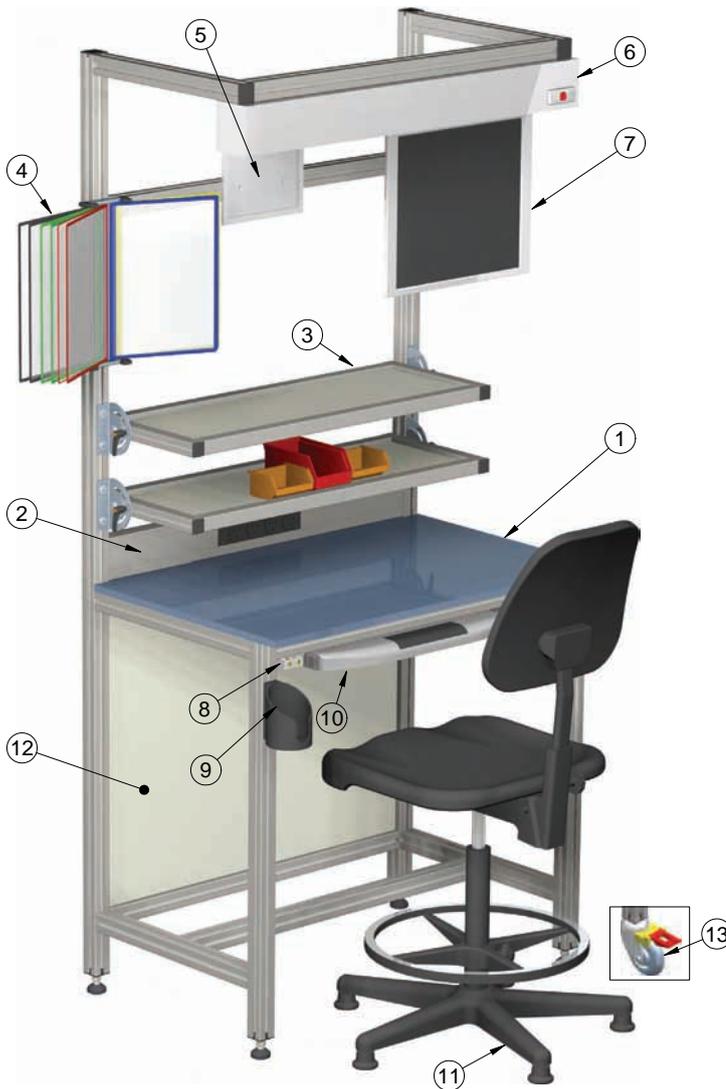


ErgoStyle 168
pages 10-11



ErgoStyle 188
pages 12-13

ErgoStyle 96 workstations
 benchtop size 900x600mm

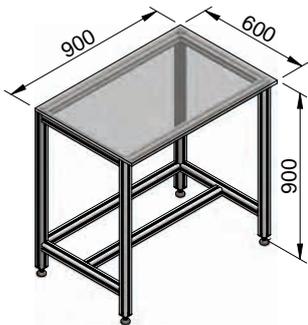
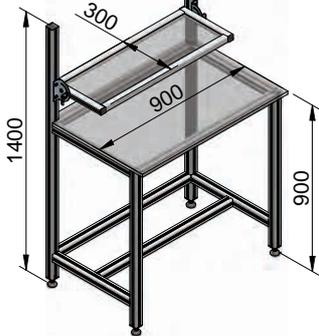
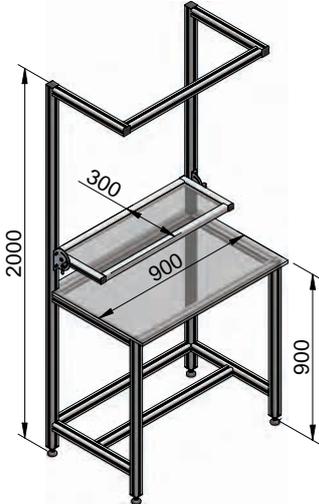


ErgoStyle 96 (900x600)

1 ErgoStyle model 400/96
 bench top size 900x600

accessories

- 2 electrical duct
- 3 storage shelf
- 4 10 pocket document holder (A4)
- 5 A4/A3 instruction card holder
- 6 overhead light unit
- 7 flat screen monitor holder
- 8 ESD bracket
- 9 bottle holder
- 10 keyboard drawer
- 11 ErgoChair
- 12 back panel
- 13 Ø100mm wheel castors

		
<p>model 100/96 bench top size 900x600</p> <p>standard features: - aluminium frame - four levelling feet - bench top size: 900x600 16mm MDF melamine board, square edged - silver grey</p>	<p>model 200/96 bench top size 900x600</p> <p>standard features: - aluminium frame - four levelling feet - bench top size: 900x600 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf</p>	<p>model 400/96 bench top size 900x600</p> <p>standard features: - aluminium frame - four levelling feet - bench top size: 900x600 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf - overhead tool hanger bar</p>



workstation selection

properly designed and configured workstations are an important element of a lean manufacturing system and can have an impact on reducing waste

workstations must be easy to reconfigure to handle small batch sizes when needed

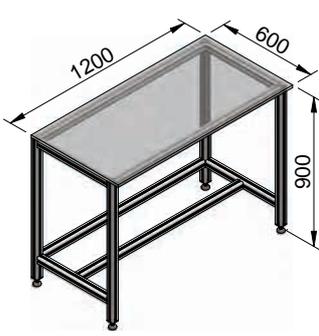
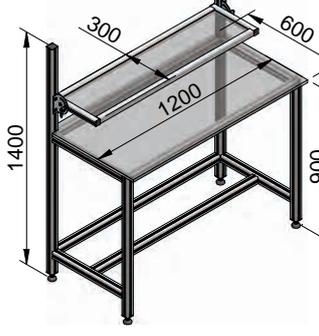
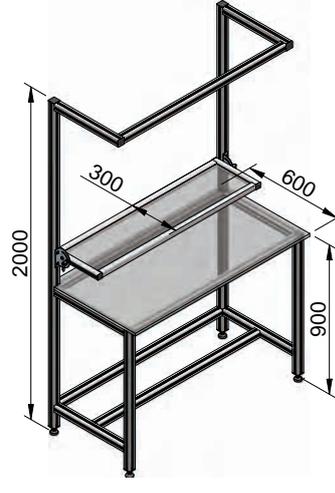
ErgoStyle 126 workstations
bench top size 1200x600mm



ErgoStyle 126 (1200x600)

1 ErgoStyle model 400/126
bench top size 1200x600

- accessories**
- 2 electrical duct
 - 3 storage shelf
 - 4 10 pocket document holder (A4)
 - 5 A4/A3 instruction card holder
 - 6 overhead light unit
 - 7 flat screen monitor holder
 - 8 ESD bracket
 - 9 bottle holder
 - 10 keyboard drawer
 - 11 ErgoChair
 - 12 back panel
 - 13 PC shelf
 - 14 Ø100mm wheel castors

		
<p>model 100/126 bench top size 1200x600</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four levelling feet - bench top size: 1200x600 16mm MDF melamine board, square edged - silver grey 	<p>model 200/126 bench top size 1200x600</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four levelling feet - bench top size: 1200x600 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf 	<p>model 400/126 bench top size 1200x600</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four levelling feet - bench top size: 1200x600 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf - overhead tool hanger bar



visual factories

this is the ability to quickly assess the state of production activity by simply looking around

workstations need to have slim frames and a minimum of obstacles for this to occur

efficient workstations will have vertical space above and below the work surface to keep the workstation foot print as small as possible

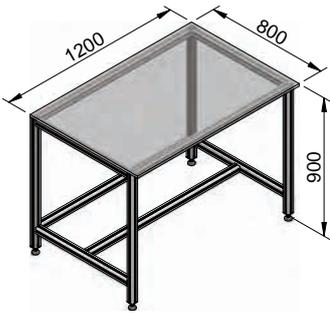
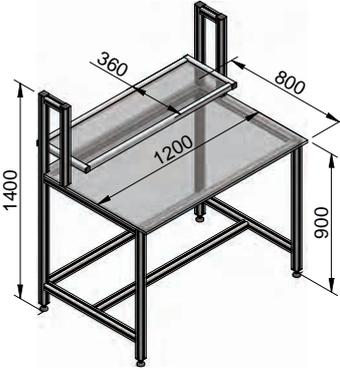
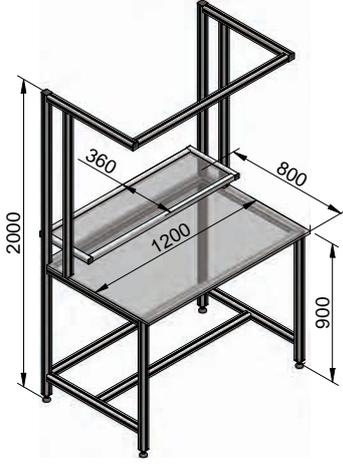


ErgoStyle 128 (1200x800)

1 ErgoStyle model 400/128
bench top size 1200x800

accessories

- 2 electrical duct
- 3 storage shelf
- 4 10 pocket document holder (A4)
- 5 A4/A3 instruction card holder
- 6 bin rail holder
- 7 adjustable return shute
- 8 adjustable foot rest
- 9 ErgoChair
- 10 Ø100mm wheel castors

		
<p>model 100/128 bench top size <u>1200x800</u></p> <p>standard features: - aluminium frame - four levelling feet - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey</p>	<p>model 200/128 bench top size <u>1200x800</u></p> <p>standard features: - aluminium frame - four levelling feet - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf</p>	<p>model 400/128 bench top size <u>1200x800</u></p> <p>standard features: - aluminium frame - four levelling feet - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf - overhead tool hanger bar</p>



right product for every situation

no two systems are the same

regardless of industry segment,
product or manufacturing process,
we can offer you efficient and cost
effective production solutions

lean manufacturing represents a
significant departure from the
automated factory - so popular in
the past

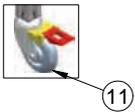
ErgoStyle 168 workstations
bench top size 1600x800mm

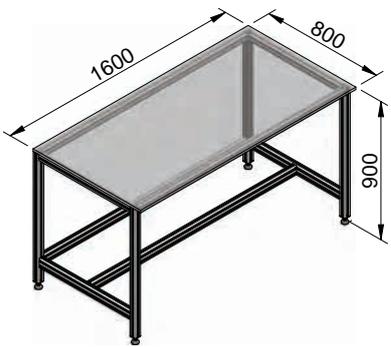
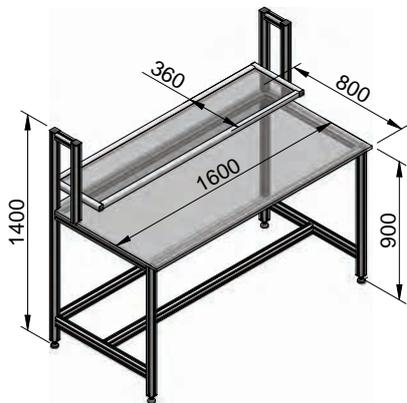
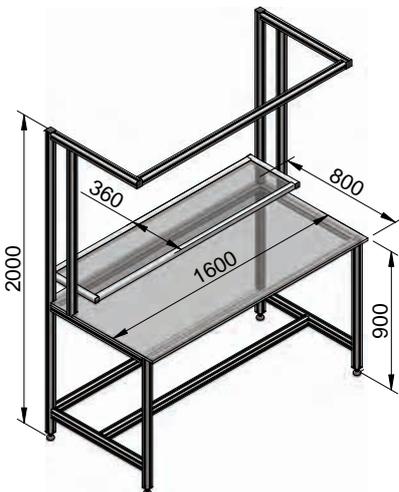


ErgoStyle 168 (1600x800)

1 ErgoStyle model 400/168
bench top size 1600x800

- accessories**
- 2 lockable tool drawer
 - 3 electrical duct
 - 4 10 pocket document holder (A4)
 - 5 overhead light unit
 - 6 adjustable storage shelf
 - 7 adjustable monitor arm
 - 8 ErgoChair
 - 9 adjustable foot rest
 - 10 PC holder shelf
 - 11 Ø100mm wheel castors



	<p>model 100/168 bench top size 1600x800</p> <p>standard features:</p> <ul style="list-style-type: none">- aluminium frame- four levelling feet- bench topsize: 1600x800 16mm MDF melamine board, square edged - silver grey
	<p>model 200/168 bench top size 1600x800</p> <p>standard features:</p> <ul style="list-style-type: none">- aluminium frame- four levelling feet- bench top size: 1600x800 16mm MDF melamine board, square edged - silver grey- adjustable storage shelf
	<p>model 400/168 bench top size 1600x800</p> <p>standard features:</p> <ul style="list-style-type: none">- aluminium frame- four levelling feet- bench top size: 1600x800 16mm MDF melamine board, square edged - silver grey- adjustable storage shelf- overhead tool hanger bar



good appearance is important in factories

modern colors and well designed workstations help to create a harmonized atmosphere

practical workstation accessories are durable, easy to adjust, ergonomically sound and a pleasure to use; they are a vital part of an efficient workplace environment

ErgoStyle 188 workstations
bench top size 1800x800mm

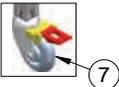


ErgoStyle 188 (1800x800)

1 ErgoStyle model 400/188
bench top size 1800x800

accessories

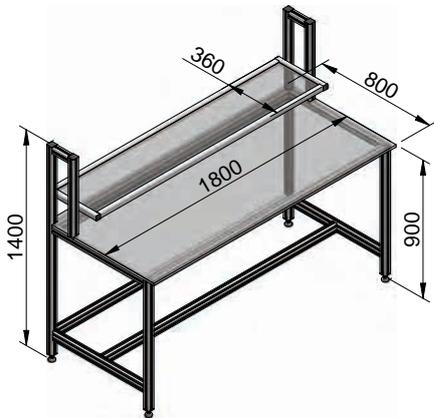
- 2 cupboard with sliding doors
- 3 electrical duct
- 4 adjustable storage shelf
- 5 overhead light unit
- 6 ErgoChair
- 7 Ø100mm wheel castors





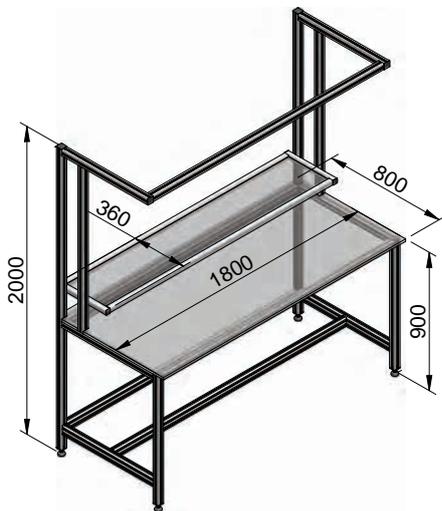
model 100/188
bench top size 1800x800

- standard features:
- aluminium frame
 - four levelling feet
 - bench topsize: 1800x800
 - 16mm MDF melamine board, square edged - silver grey



model 200/188
bench top size 1800x800

- standard features:
- aluminium frame
 - four levelling feet
 - bench top size: 1800x800
 - 16mm MDF melamine board, square edged - silver grey
 - adjustable storage shelf



model 400/188
bench top size 1800x800

- standard features:
- aluminium frame
 - four levelling feet
 - bench top size: 1800x800
 - 16mm MDF melamine board, square edged - silver grey
 - adjustable storage shelf
 - overhead tool hanger bar

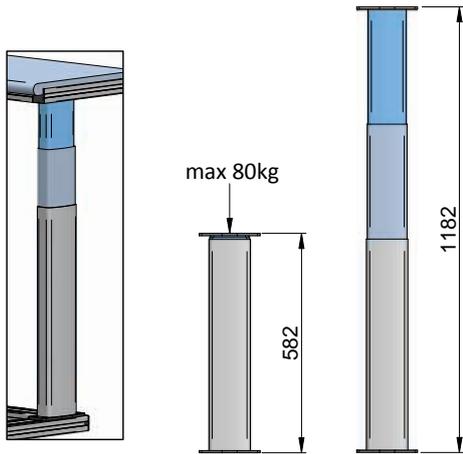


AME System - leader in ergonomic workstation design

many of our projects are designed for our customer's unique applications; it starts with a call or a fax to our office of your freehand sketch

we will return your ideas with our drawings and with a quotation

in designing our products we incorporate ergonomics, aesthetics, strength and modularity

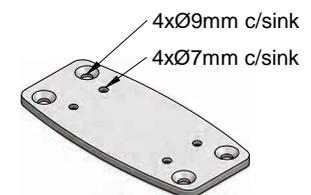
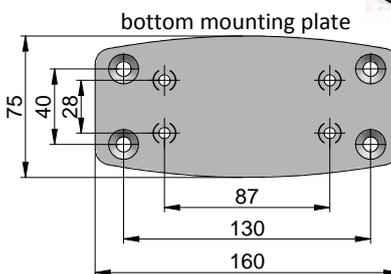
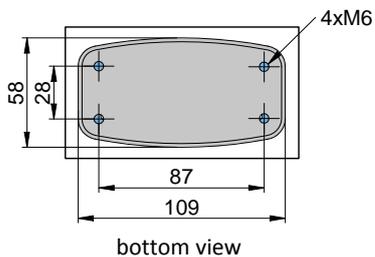
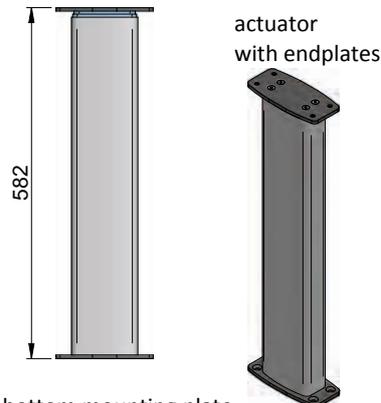
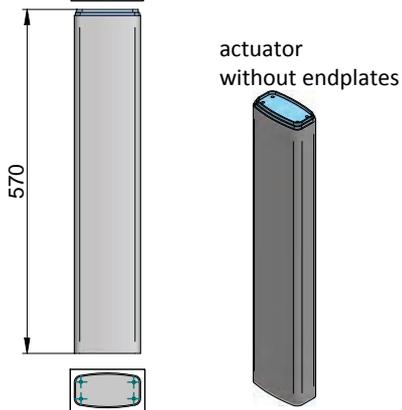
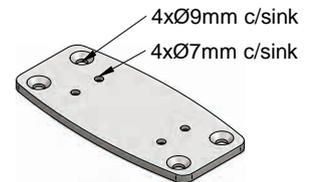
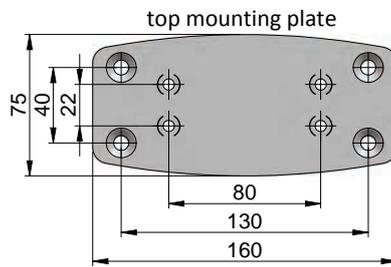
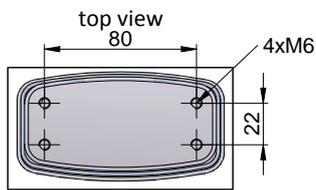
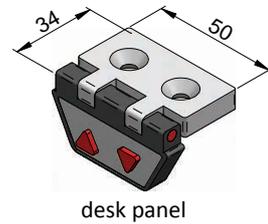
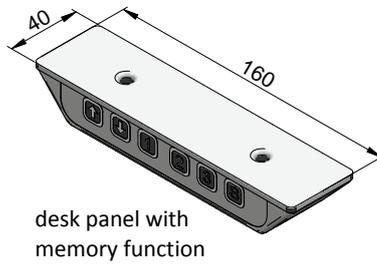
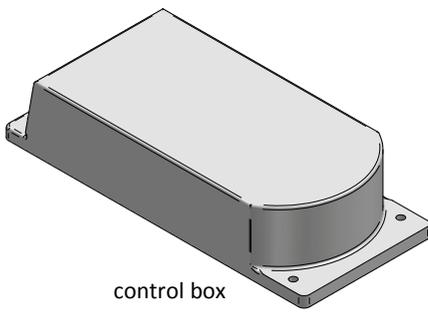


DL4 electric actuator

installation height: 582mm
(including endplates)
max stroke: 600mm
lift capacity: 80kg
max speed: 43mm/sec
duty cycle: 10%
colour: black or grey

endplates for actuators

1x top plate, 1x bottom plate
material: 6mm steel,
black powdercoated





ErgoMan 128
pages 16-17

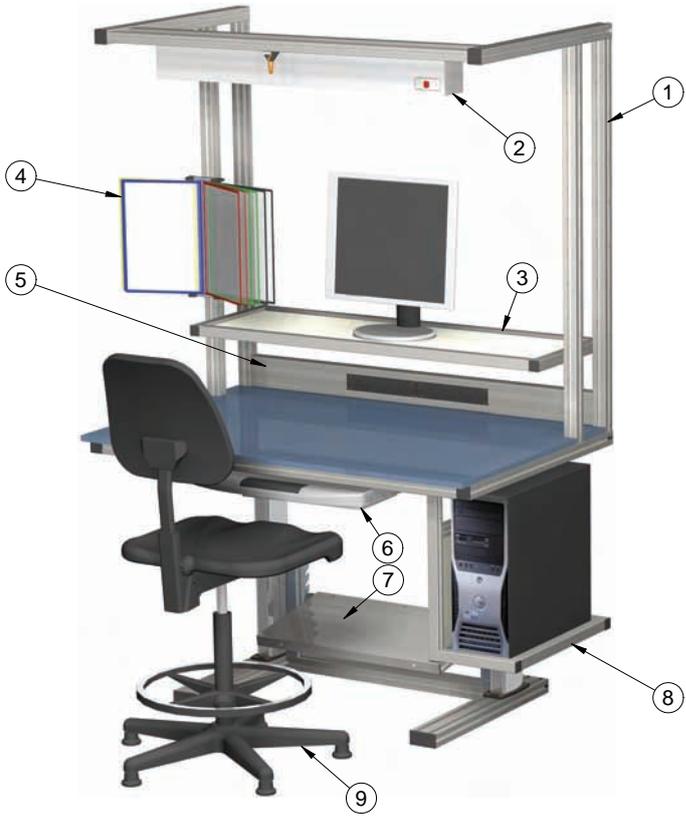


ErgoMan 168
pages 18-19



ErgoMan 188
pages 20-21

ErgoMan 128 Workstations
bench top size 1200x800mm

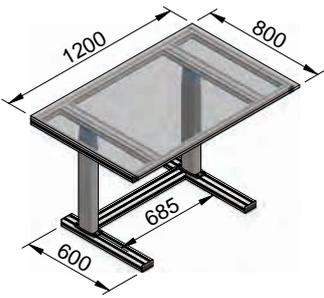
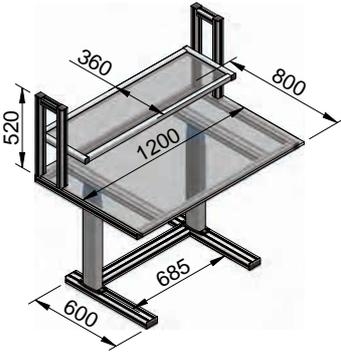
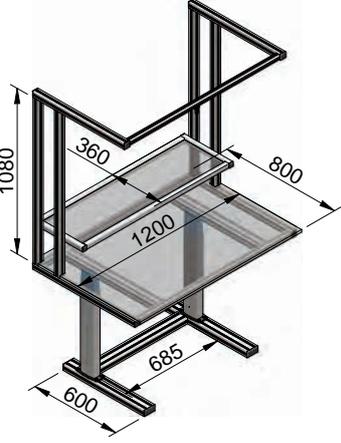


ErgoMan 128 (1200x800)

1 ErgoMan model 800/128
bench top size 1200x800

accessories

- 2 overhead light unit
- 3 storage shelf
- 4 10 pocket document holder (A4)
- 5 electrical duct
- 6 keyboard drawer
- 7 adjustable foot rest
- 8 PC holder shelf
- 9 ErgoChair

		
<p>model 500/128 bench top size <u>1200x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey 	<p>model 700/128 bench top size <u>1200x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf 	<p>model 800/128 bench top size <u>1200x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1200x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf - overhead tool hanger bar



customized for the application and your operator

the purpose of a workstation determines its basic requirements and accessories

the needs and requirements may change considerably from one employee to another, but we understand that no two people are alike

when a workstation is equipped for and adjusted to an operator's needs, each phase of the production process can be completed accurately without delay and discomfort.

ErgoMan 168 workstations
bench top size 1600x800mm

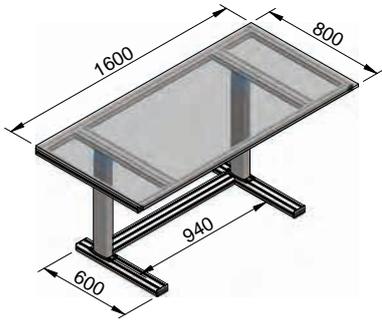


ErgoMan 168 (1600x800)

1 ErgoMan model 800/168
bench top size 1600x800

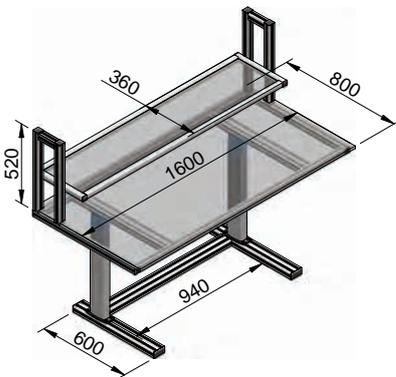
accessories

- 2 electrical duct
- 3 adjustable storage shelf
- 4 overhead light unit
- 5 adjustable monitor arm
- 6 instruction card holder A3 size
- 7 10 pocket document holder (A4)
- 8 keyboard drawer
- 9 adjustable foot rest
- 10 ErgoChair
- 11 PC holder shelf



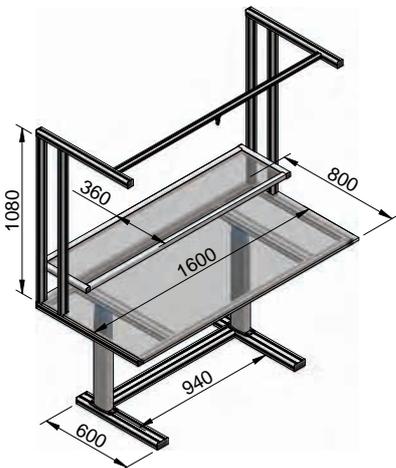
model 500/168
bench top size 1600x800

- standard features:
- aluminium frame
 - electric height adjustment
height range 680-1200mm
lifting capacity: 160kg
speed 43mm/sec
 - bench top size: 1600x800
16mm MDF melamine board,
square edged - silver grey



model 700/168
bench top size 1600x800

- standard features:
- aluminium frame
 - electric height adjustment
height range 680-1200mm
lifting capacity: 160kg
speed 43mm/sec
 - bench top size: 1600x800
16mm MDF melamine board,
square edged - silver grey
 - adjustable storage shelf



model 800/168
bench top size 1600x800

- standard features:
- aluminium frame
 - electric height adjustment
height range 680-1200mm
lifting capacity: 160kg
speed 43mm/sec
 - bench top size: 1600x800
16mm MDF melamine board,
square edged - silver grey
 - adjustable storage shelf
 - overhead tool hanger bar



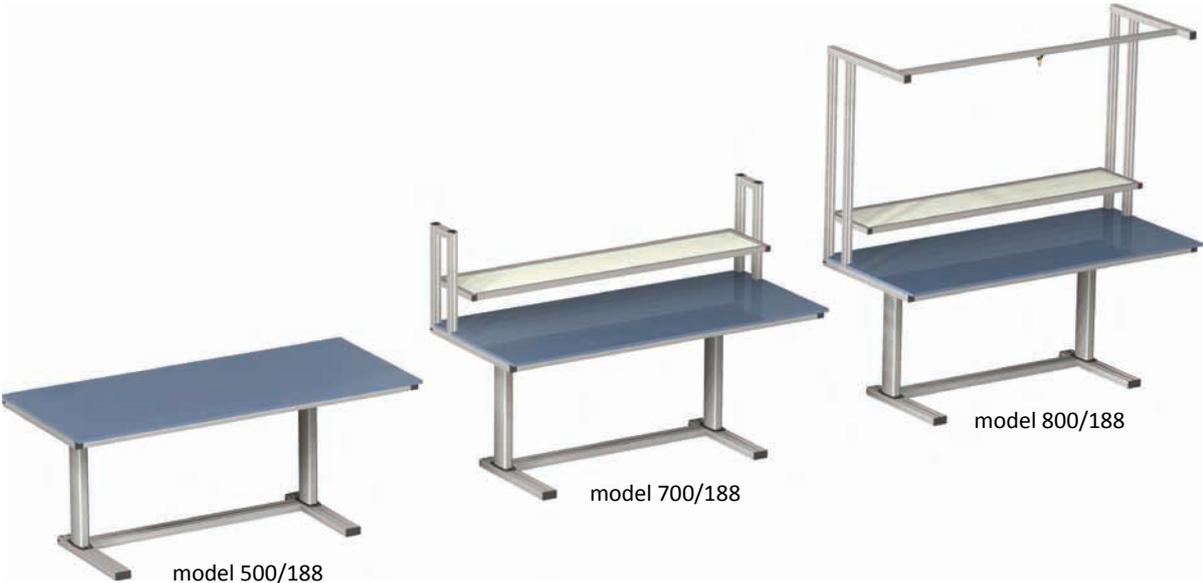
organization is a sign of efficiency

necessary tools and materials must be at the worker's fingertips in order to be efficient

there is no time lost in looking for parts or tools if the workplace is properly organized for the work performed there

a tool kept in its own place stays in good condition for a long time. AME System workplace solutions make it easy to implement lean manufacturing tools such as 5S (sort-set-sustain-shine-standardize)

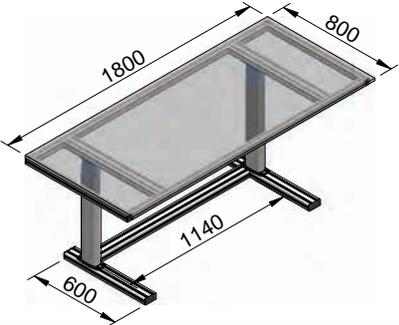
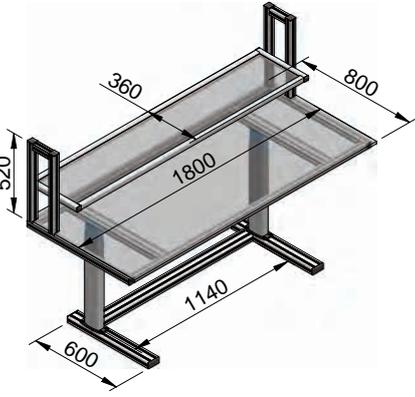
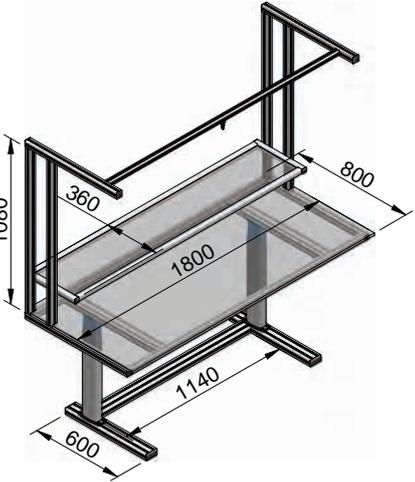
ErgoMan 188 Workstations
 bench top size 1800x800mm



ErgoMan 188 (1800x800)

1 ErgoMan model 800/188
 bench top size 1800x800

- accessories**
- 2 electrical duct
 - 3 adjustable storage shelf
 - 4 adjustable monitor arm
 - 5 overhead light unit
 - 6 10 pocket document holder (A4)
 - 7 keyboard drawer
 - 8 adjustable foot rest
 - 9 ErgoChair
 - 10 PC holder shelf

	<p>model 500/188 bench top size <u>1800x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1800x800</u> 16mm MDF melamine board, square edged - silver grey
	<p>model 700/188 bench top size <u>1800x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1800x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf
	<p>model 800/188 bench top size <u>1800x800</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - electric height adjustment height range 680-1200mm lifting capacity: 160kg speed 43mm/sec - bench top size: <u>1800x800</u> 16mm MDF melamine board, square edged - silver grey - adjustable storage shelf - overhead tool hanger bar



ergonomics improves satisfaction and productivity

the main objectives of ergonomic design are ensuring employee's health, increasing work satisfaction and improving individual productivity

AME System ErgoMan series workstation's ultimate goal is to ensure a relaxed working position where the work movements can follow the individual's natural way of moving



a new concept for computer desks

a desk which is rapidly and easily adjustable for height.

regularly re-position your desktop at exactly your preferred heights for sitting and standing, and you will feel fitter and fresher.

electronically controlled actuators respond smoothly and quickly at the push of a button to adjust the height of the work surface to your physique.

to perform efficiently and avoid short-term discomfort and long-term physical damage, a desk needs to be flexible in its configuration. It must be properly designed to avoid unnecessary reaching and bad posture.



things you should know...

prolonged sitting causes a steady compression on the spinal discs that can contribute to their premature degeneration

constant sitting can also inhibit blood flow, specifically blood that is returning to the heart from the lower legs, causing blood to pool and accelerate fatigue

when standing, the pressure on the intervertebral discs is fairly low, much lower than when we sit unsupported

static muscle fatigue is relieved through muscle movement when standing. Movement is important to keep the spine healthy, improve circulation and reduce muscle fatigue.



expert desk
pages 25



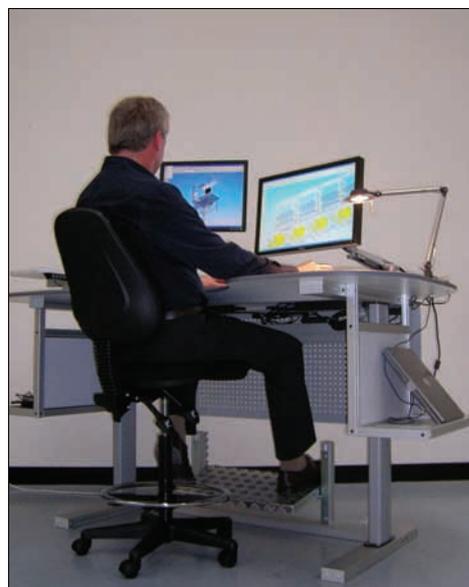
space desk
pages 26



essential desk
pages 27

electric height adjustable
computer desks

activ Desk
personal adaptive workspace



expert desk
electric height adjustable computer desk



expert desk

(shown with optional foot rest and monitor arm)

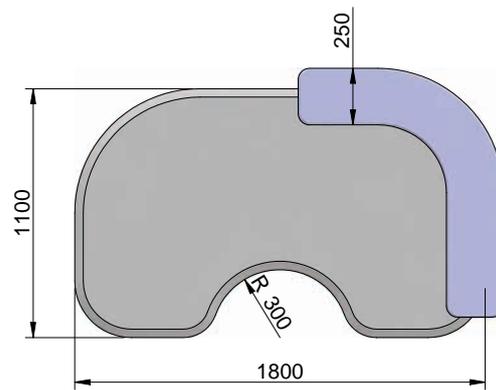
1800x1100mm

electric height adjustment
min. height: 680mm
max. height: 1280mm

max lifting capacity: 160kg
speed: 43mm/sec

optional accessories

- computer holder
- adjustable foot rest
- flat screen monitor arm
- electrical duct with six power outlets





space desk
(shown with optional foot rest)

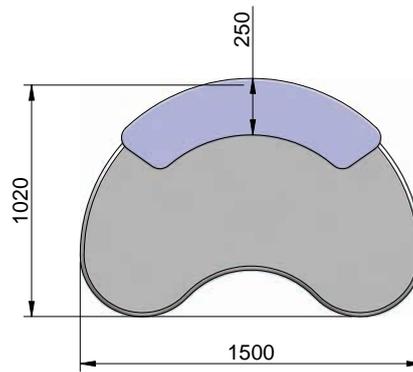
1500x1020mm

electric height adjustment
min. height: 680mm
max. height: 1280mm

max lifting capacity: 160kg
speed: 43mm/sec

optional accessories

- computer holder
- adjustable foot rest
- flat screen monitor arm
- electrical duct with six power outlets



essential desk
electric height adjustable computer desk



essential desk
(shown with optional foot rest)

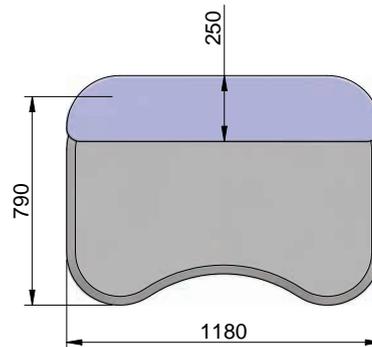
1180x790mm

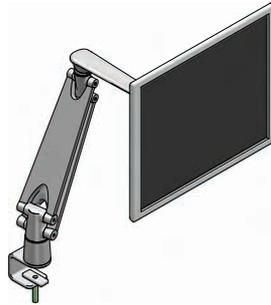
electric height adjustment
min. height: 680mm
max. height: 1280mm

max lifting capacity: 160kg
speed: 43mm/sec

optional accessories

- computer holder
- adjustable foot rest
- flat screen monitor arm
- electrical duct with six power outlets

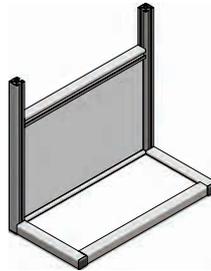




monitor arm

allows the monitor viewing height, distance and tilt to be adjusted with a touch of the hand from the seated position

monitor can be set to correct focal length for individual users and working positions, seated or standing

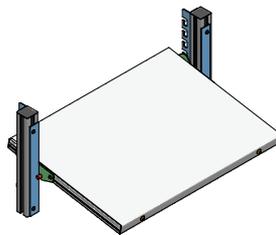


computer holder

a practical and safe way of storing your computer

side wall accomodates excess cables once computer installation is complete

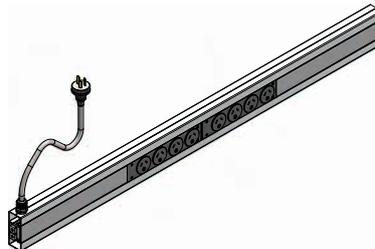
increases overall usable desktop work space



adjustable footrest

for a sensible interaction between height adjustable chair and working height

when used allows for increased blood circulation reducing fatigue from fixed standing or sitting positions



electrical duct

provides six electrical outlets for connecting various devices

mounted underneath at the rear of the desk to the existing frame



control room station 2120x1060
page 31



control room station 2100x1100
page 32



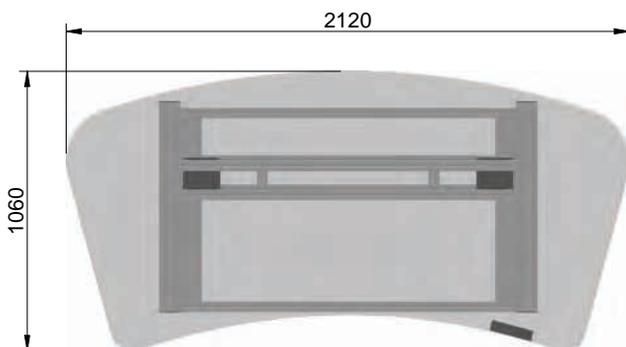
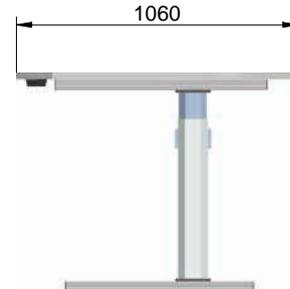
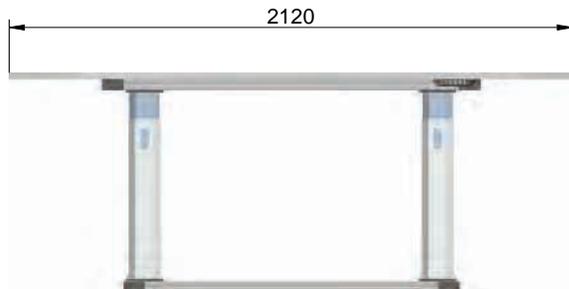
control room station

custom designed and
manufactured for specific
requirements;
ideal for 24/7 operating
environment

powered by electric
actuators and using a
framework made from
aluminium profiles, the
construction is sturdy yet
lightweight

the modular control room
station can accommodate
up to 12 flat screen
monitors - all individually
adjustable and storage for
PC's with up to 24 power
outlets and data outlets

control room station
electric height adjustable



**control room station 2120x1060
two leg system**

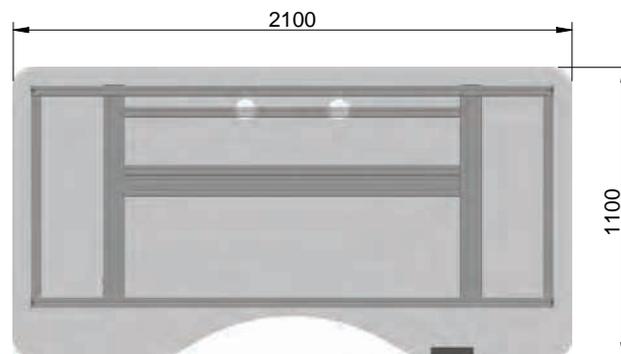
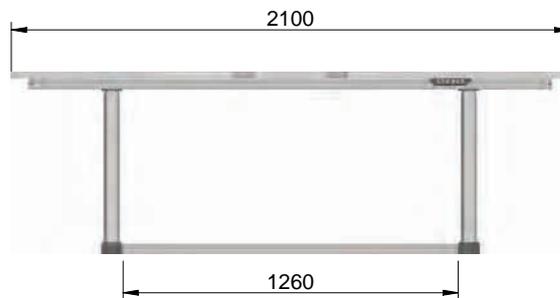
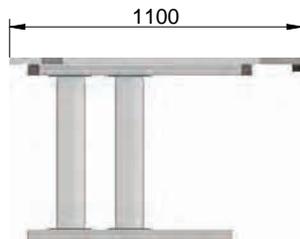
features

- aluminium frame
- benchtop - 25mm MDF vinyl wrapped with round edges
- electric height adjustment, 2 leg system
- 320kg max. lift capacity
- 760 - 1160mm height adjustment

optional items

- monitor pole with two pivot brackets
- four monitor frame
- six monitor frame
- rear mount PC holder
- side mount PC holder
- removable rear and side panels
- electrical power duct
- adjustable foot rest





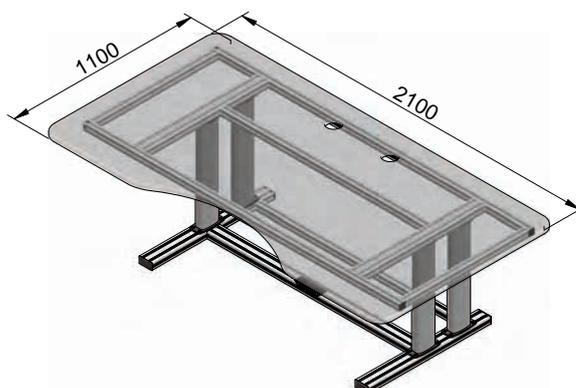
**control room station 2100x1100
four leg system**

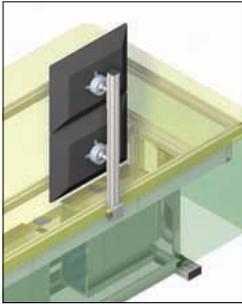
features

- aluminium frame
- benchtop - 25mm MDF vinyl wrapped with round edges
- electric height adjustment, 4 leg system
- 320kg max. lift capacity
- 760 - 1260mm height adjustment

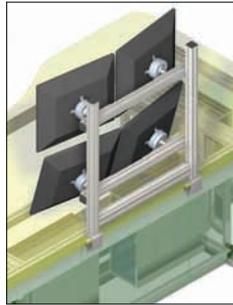
optional items

- monitor pole with two pivot brackets
- four monitor frame
- six monitor frame
- rear mount PC holder
- side mount PC holder
- removable rear and side panels
- electrical power duct
- adjustable foot rest

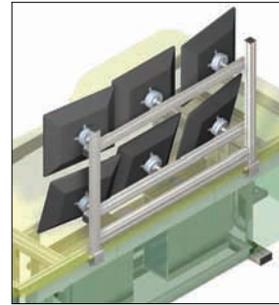




monitor pole with
two pivot brackets



frame with two adjustable
rails to accommodate four
monitors



frame with two adjustable
rails to accommodate six
monitors



rear mount PC holder



removable rear and side panels



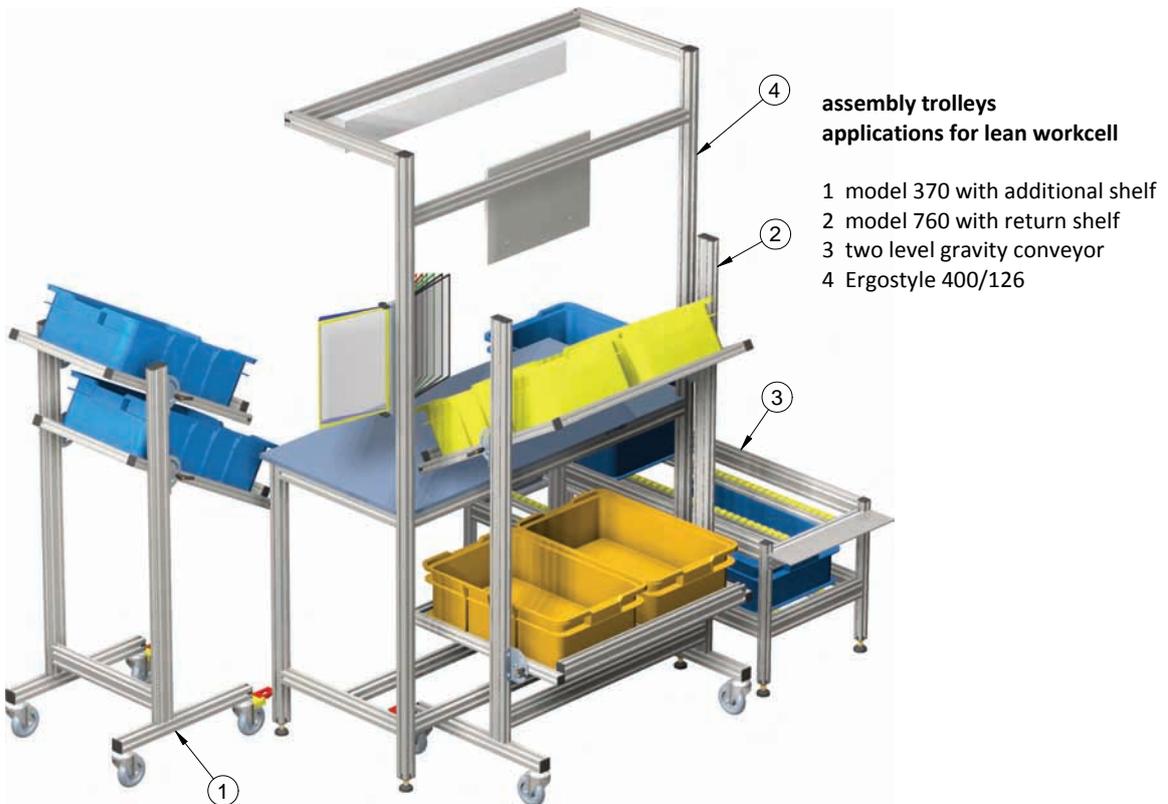
side mount PC holder



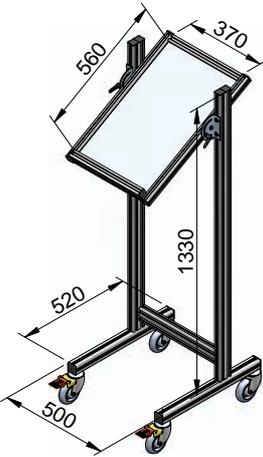
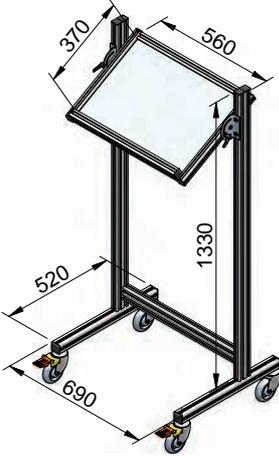
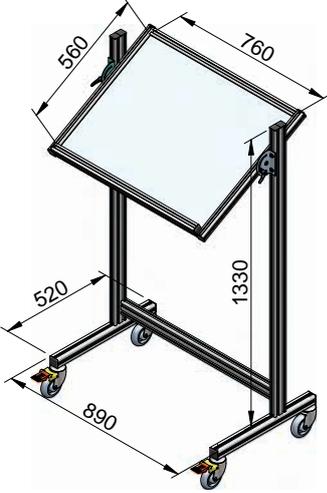
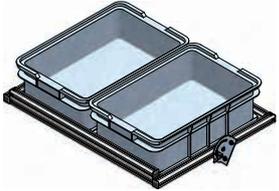
electrical duct with power outlets



adjustable foot rest



workstation accessories - assembly trolleys
for 25 and 50lt standard containers

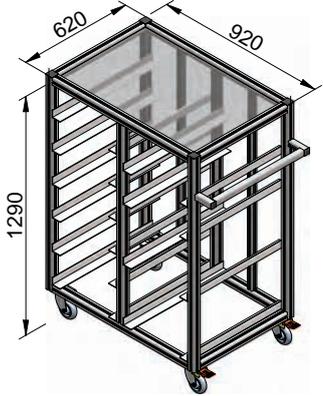
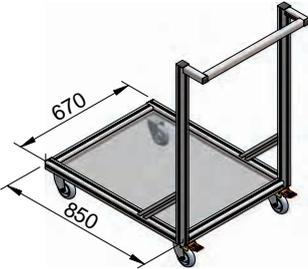
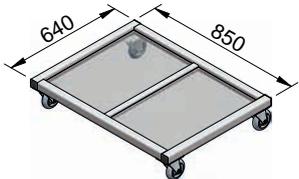
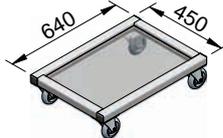
 	 	 
<p>model 370 shelf size <u>370x560</u> (inside)</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four swivel Ø100 castors with brakes - max. load/ shelf: 25kg - maximum <u>three</u> shelves/trolley 	<p>model 560 shelf size <u>560x370</u> (inside)</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four swivel Ø100 castors two with brakes - max. load/ shelf: 25kg - maximum <u>three</u> shelves/trolley 	<p>model 760 shelf size <u>760x560</u> (inside)</p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four swivel Ø100 castors two with brakes - max. load/ shelf: 40kg - maximum <u>two</u> shelves/trolley



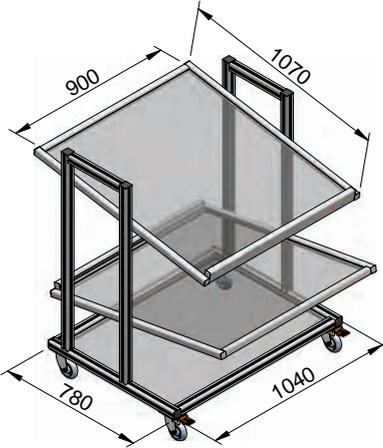
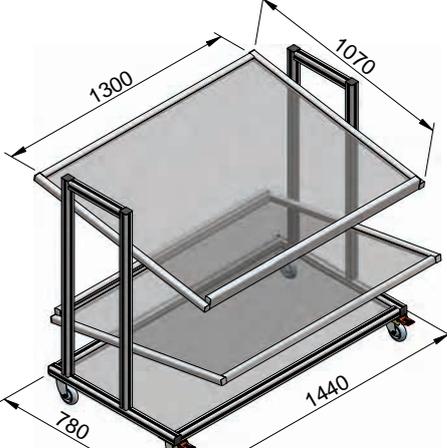
ease of reconfiguration

an efficient workcell in lean manufacturing environment must be simple and quick to reconfigure

for process changes and short production runs the ability to move components from and to workcell is necessary for rapid change over

	<p>model 920-62</p> <p>10x adjustable rail pairs four swivel castors, wheel Ø100mm, two with brakes max. load: 220kg</p>
	<p>model 850-67</p> <p>four swivel castors, wheel Ø100mm, two with brakes max. load: 220kg</p>
	<p>model 850-64 NEW</p> <p>four swivel castors, wheel Ø100mm max. load: 220kg</p>
	<p>model 640-45 NEW</p> <p>four swivel castors, wheel Ø100mm max. load: 120kg</p>



	
<p>kanban trolley, model 1040 shelf size <u>900x1010 (inside)</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four swivel Ø100 castors two with brakes - max. load/ shelf: 40kg - two adjustable shelves, shelf panel made from 8mm melamine board - maximum <u>two</u> shelves/trolley 	<p>kanban trolley, model 1440 shelf size <u>1300x1010 (inside)</u></p> <p>standard features:</p> <ul style="list-style-type: none"> - aluminium frame - four swivel Ø100 castors two with brakes - max. load/ shelf: 50kg - two adjustable shelves, shelf panel made from 8mm melamine board - maximum <u>two</u> shelves/trolley



**kanban trolley
 applications for lean workcell**

- 1 ErgoStyle model 400/126
- 2 assembly trolley model 560
- 3 transport trolley model 640-45
- 4 kanban trolley model 1040



ErgoChair - ergonomic chair
designed for the factory worker

the backrest and seat foot ring adjustment ranges are designed to cover a large variety of production environments.

- backrest and extra wide seat are made from black moulded polyurethane foam
- burled surfaces for better body ventilation
- base made from black nylon with five glides
- adjustable footring made from aluminium die cast
- seat mechanism fitted with back/seat tilt lever
- backrest adjustment by handwheel

adjustability:

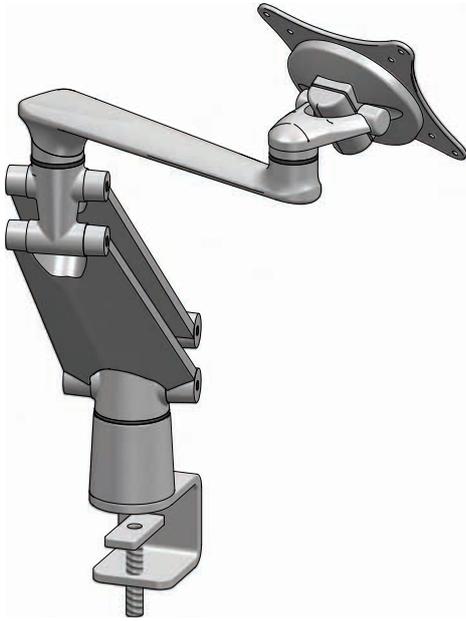
height: min. 560mm, max. 800mm

foot ring: 150mm

backrest: 80mm

seat/back tilt: 20 deg





adjustable monitor arm features

- integral gas spring, counterbalances screen weight
- arm mechanism maintains screen alignment
- VESA compliant mounting bracket
- cable management taken through integral internal route guides
- quick release monitor mechanism

adjustable monitor arm benefits

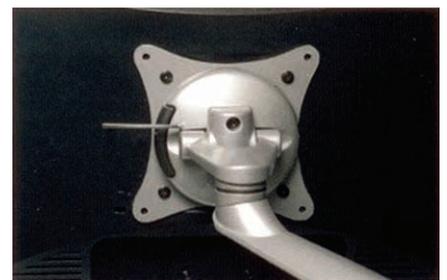
- frees up workspace on the desk
- ergonomic adjustment for optimal view angle / distance
- suitable with all AME System workstations and computer desks



release catch shut

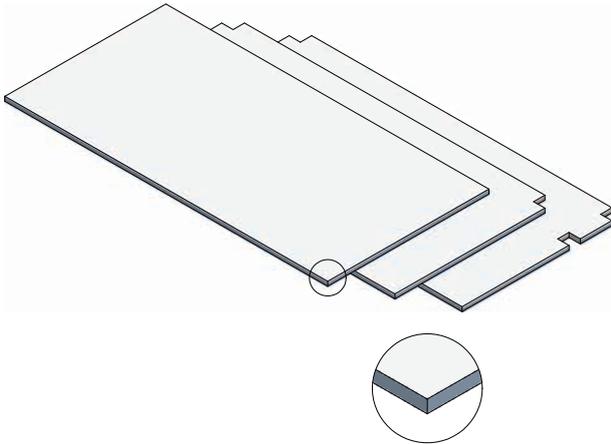


release catch open



security lock screw

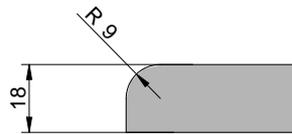
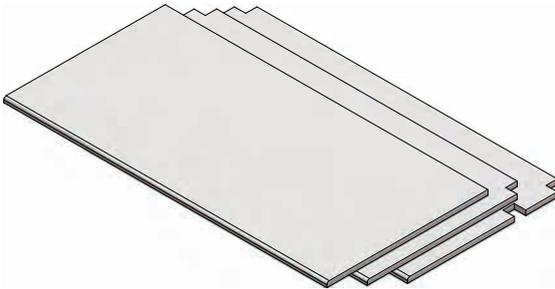
***Note:** VESA standard means a hole pattern on the back of the monitor: 3"x3" or 4"x4" (75mm x 75mm or 100mm x 100mm). The diameter of screws are 4mm. Most LCD monitor manufacturers agreed on the VESA standard. The four holes may be centered or are located on the lower edge of the monitor. With some models you might have to remove the original stand before you will see the 4 holes.



laminated bench top

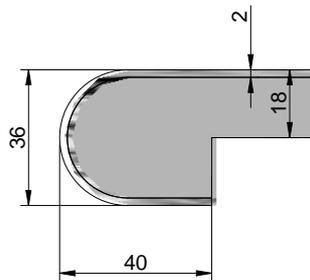
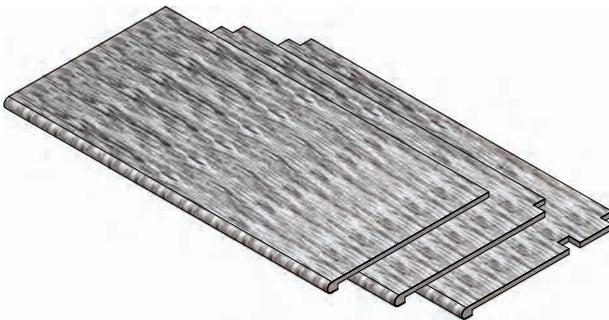


made from 16mm MDF
covered with 0.8mm
lamine square edged
colour: silver grey



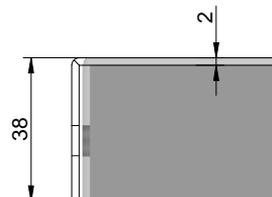
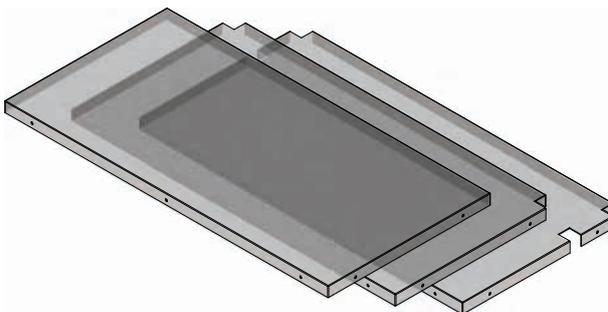
vinyl wrap bench top

made from 18mm MDF
vinyl wrapped with a radius
on the front edge
colour: shadow grey



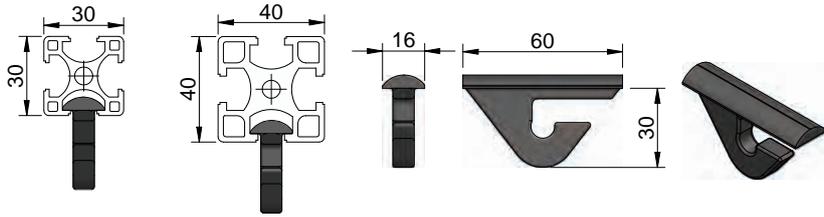
vinyl bench top

made from 16mm MDF
covered with heavy duty,
hard wearing 2mm thick vinyl
colour: light grey



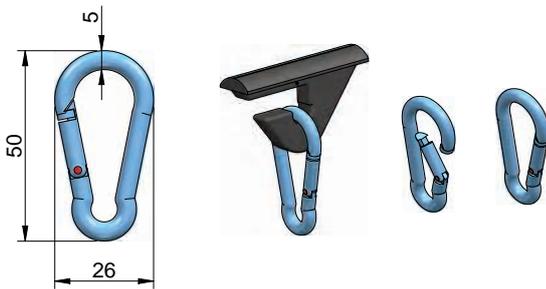
stainless steel bench top

made from 2mm thick,
302 grade stainless steel,
corners welded



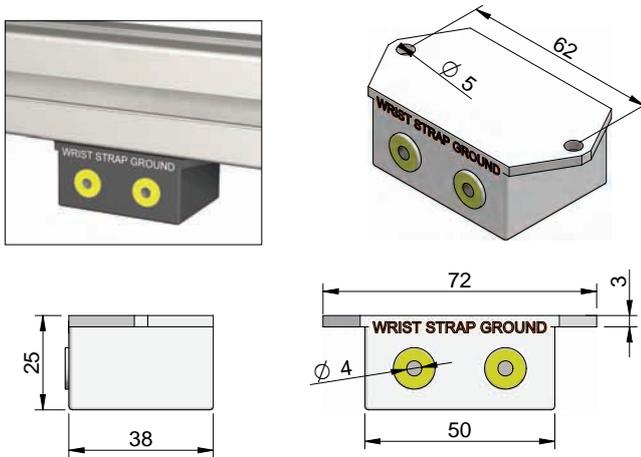
tool hanger
Part Number: 386.12

PA black
Axial load max. 12kg



snap hook
Part Number: 386.14

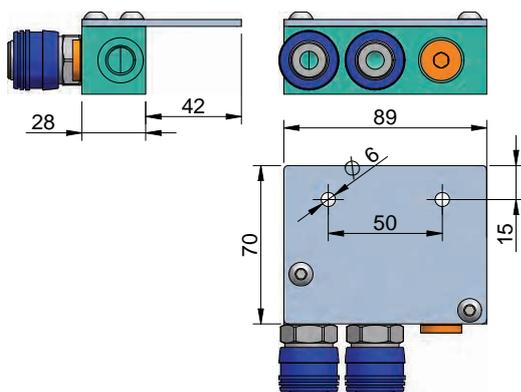
material: \varnothing 5mm MS
z/plated



ESD bracket
Part Number: 408.16

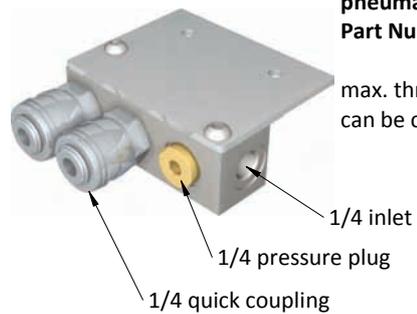
encapsulated black casing with
built-in 1Mohm resistor suited for
4mm banana sockets.

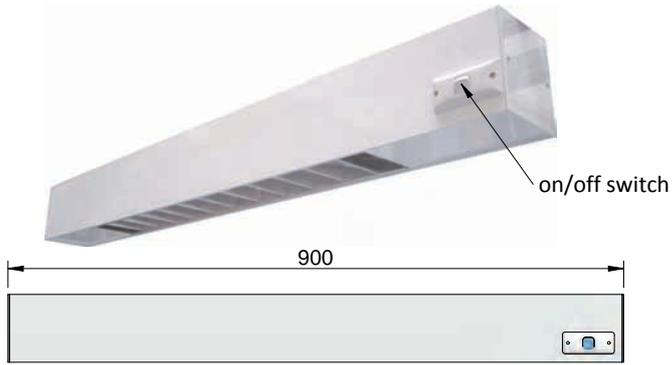
bracket with 3m of grounding
wire for attaching to facility
ground or common power outlet



pneumatic manifold
Part Number: 386.30

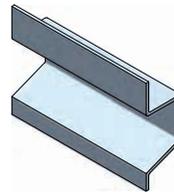
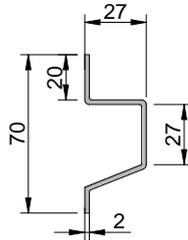
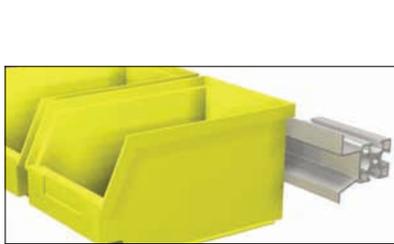
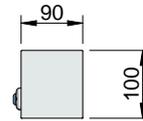
max. three power tools
can be connected to manifold





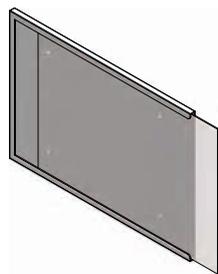
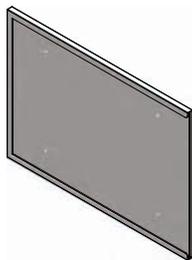
overhead light unit
Part Number: 386.10

material: aluminium powder coated
with built-in on/off switch

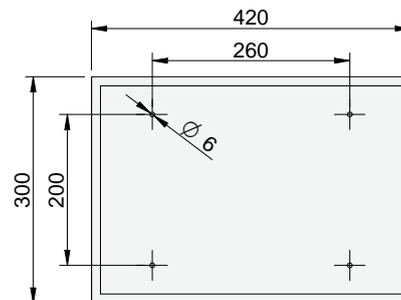


bin holder rail profile
Part Number: 026.70

material: aluminium, mill finish
maximum length: 4000mm



clear cover



vertical mount

horizontal mount



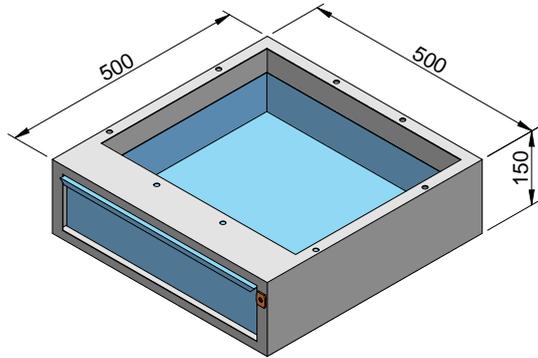
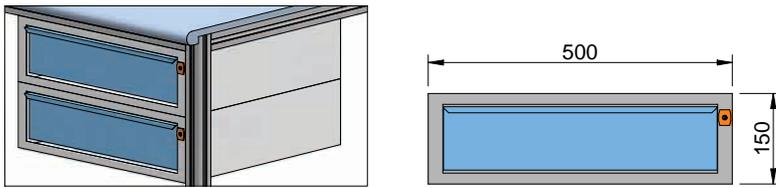
A3 size card holder
Part Number: 406.30

material: 1.2mm steel, powder coated
colour - silver grey

card holder with four countersink
mounting holes to suit M6 screw and
2mm clear cover

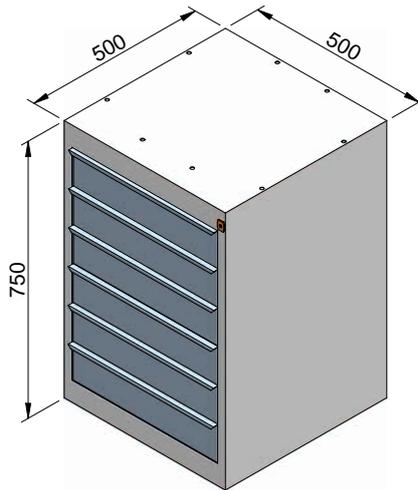
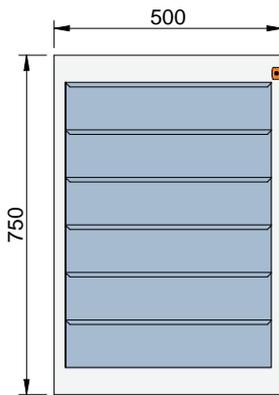
can be mounted vertically or
horizontally in two height positions

ErgoStyle/ErgoMan workstations
accessories overview



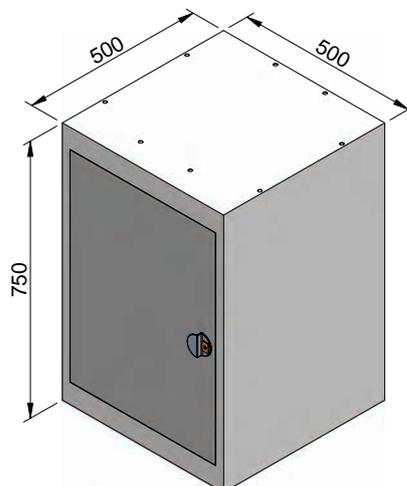
single tool drawer
Part Number: 408.01

material: steel, powder coated
colour: silver grey



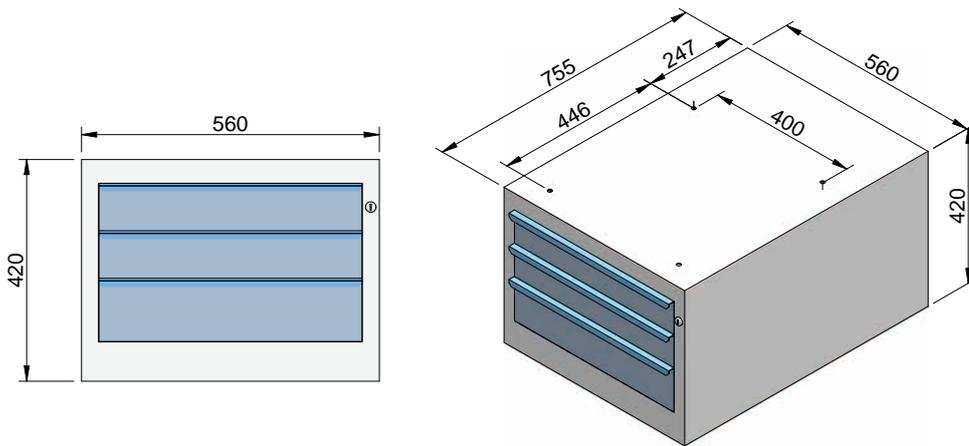
six drawer tool cabinet
Part Number: 408.06

material: steel, powder coated
colour: silver grey



lockable cupboard
Part Number: 420.02

material: steel, powder coated
colour: silver grey
including one adjustable shelf



heavy duty tool drawer 420-3
Part Number: 408.43

material: steel, powder coated
colour: silver grey
including adjustable dividers



cupboard with sliding doors

Part Number: 418.16
to suit 1600 workstation

Part Number 418.18
to suit 1800 workstation

made from aluminium profiles,
adjustable shelves and panels made
from 8mm melamine board
sliding door with clear 6mm p/carb



ErgoStyle/ErgoMan workstations
foot rest overview



built-in foot rest - standard

suitable for ErgoStyle workstations:
128, 168, 188 series
height adjustment: 250mm
foot plate: aluminium checker plate



built-in foot rest - with long upright

suitable for ErgoStyle workstations:
96, 124, 126 series
height adjustment: 250mm
foot plate: aluminium checker plate



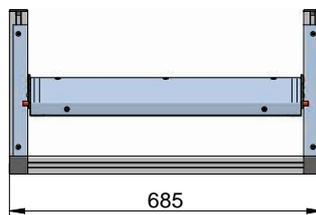
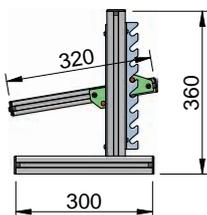
built-in foot rest - with short uprights

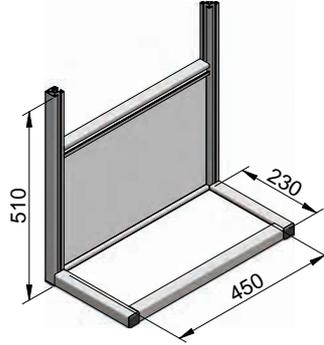
suitable for
ErgoMan and activDesk workstations:
height adjustment: 250mm
foot plate: aluminium checker plate



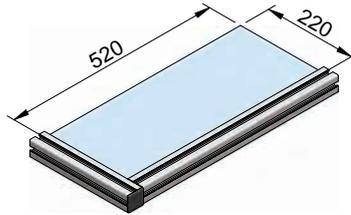
free standing foot rest

suitable for all workstations:
height adjustment: 250mm
foot plate: aluminium checker plate

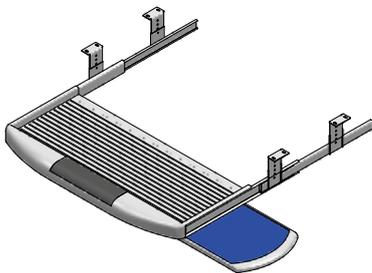




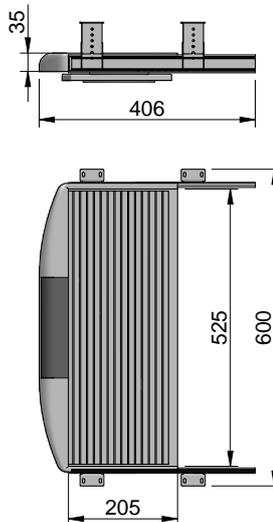
computer holder - standard
suitable for all workstations

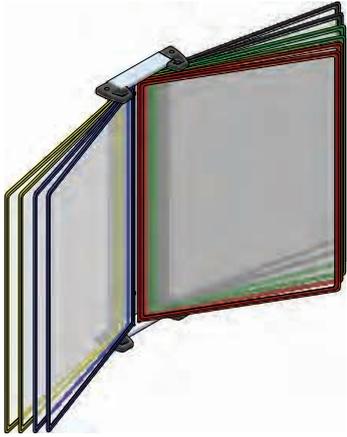


computer holder - shelf
suitable for ErgoStyle
workstations



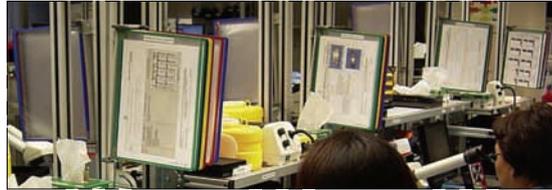
keyboard drawer
with slide out mouse pad





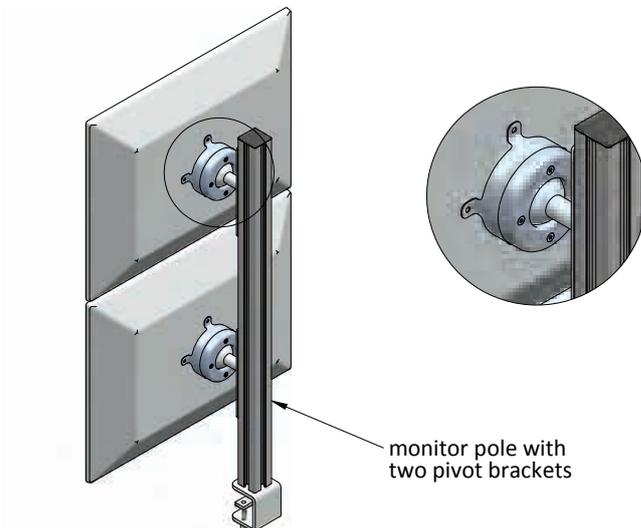
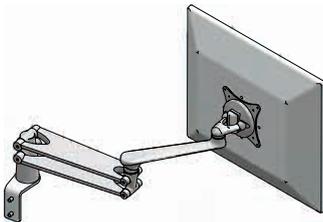
wall unit with 10 pockets

flat wall mount bracket and 10
colour coded pivoting clear pockets
to suit A4 size documents

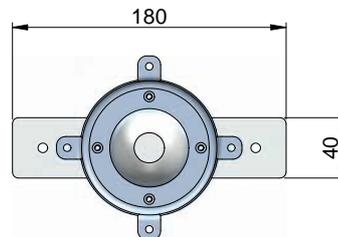


flat screen monitor arm

allows the monitor viewing height,
distance and tilt to be adjusted
with a touch of the hand.
great space saver



monitor pole with
two pivot brackets



adjustable pivot bracket

supports 15" to 24" LCD monitors
vesa standard mounting

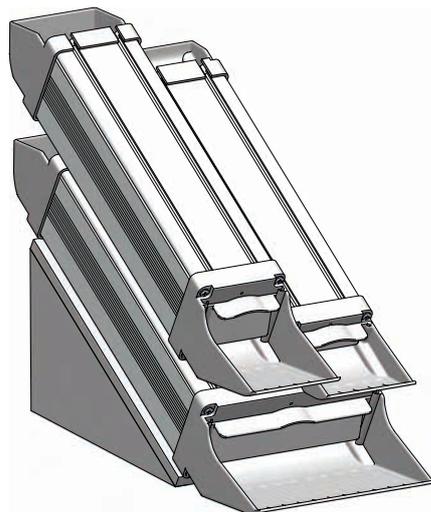


grab container system

modular in design and construction, this ergonomic container system can be used for storing various small items such as screws and nuts.

the modular design allows for easy stacking.

the ergonomic design of the grab ledges allows the user to pick up small parts quickly and securely.

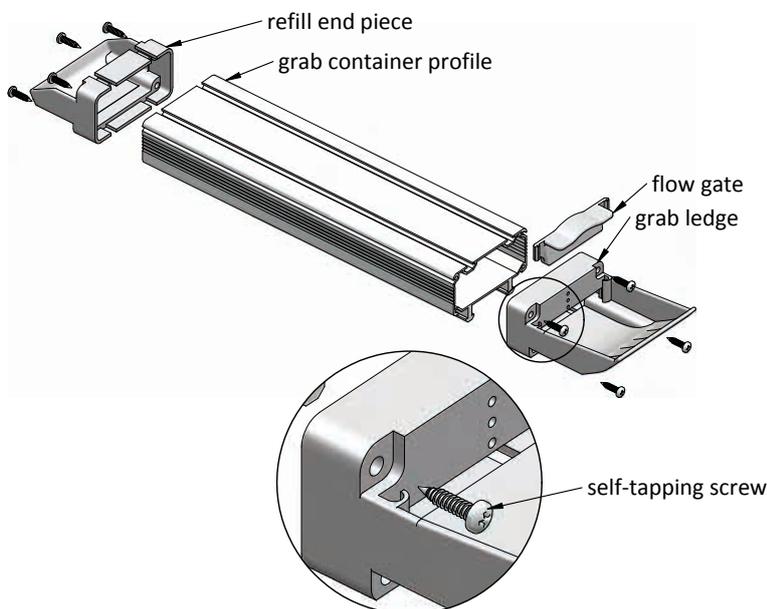


simple stacking system

available in three standard sizes of varying profile lengths:

- 180x90
- 90x90
- 90x45

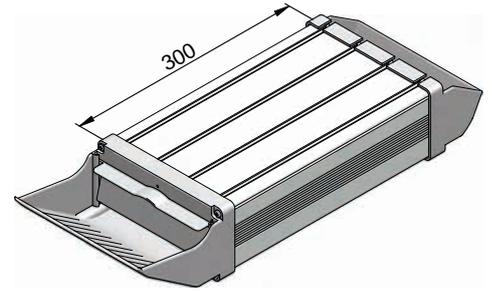
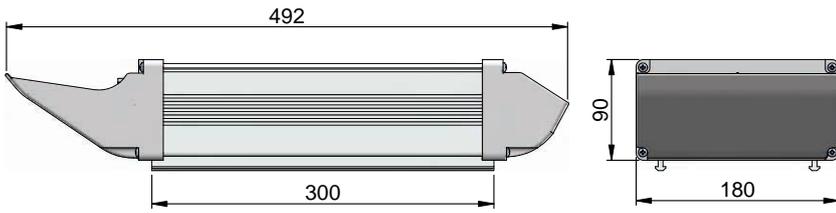
profile length 200 or 300mm



grab containers are available in self assembly modules.

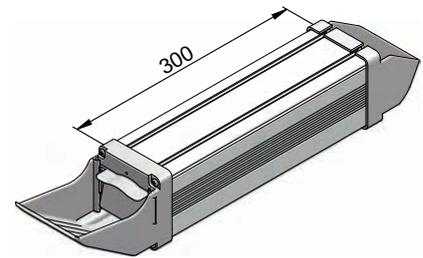
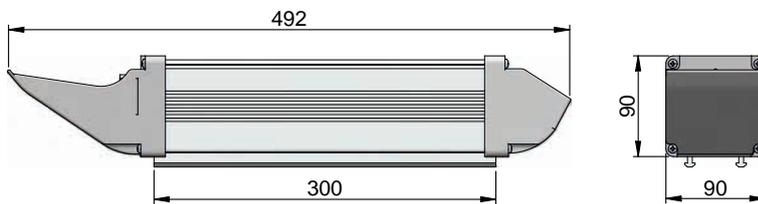
parts are placed into the refill end piece to fill the container profile cavity.

flow gate controls the amount of parts that sit in the grab ledge.



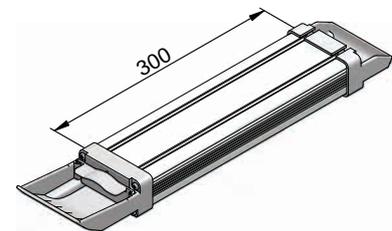
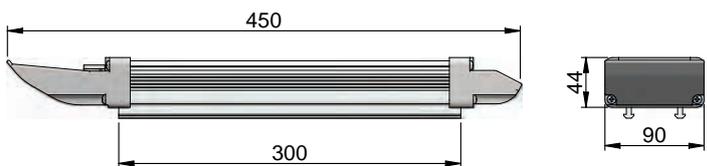
grab container - 180x90

200mm p/n: 441.66
300mm p/n: 441.67



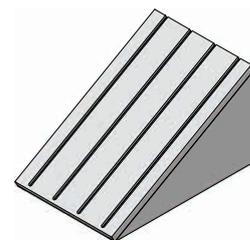
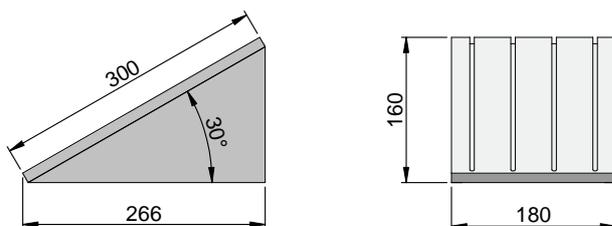
grab container - 90x90

200mm p/n: 441.46
300mm p/n: 441.47



grab container - 90x45

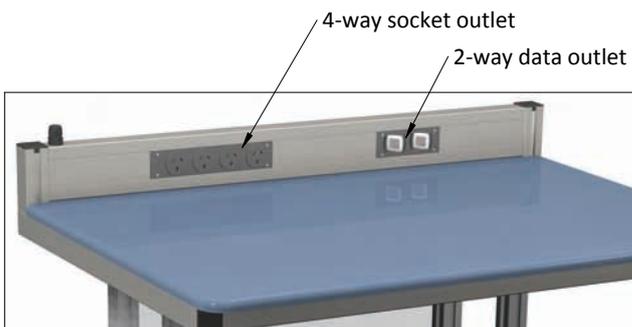
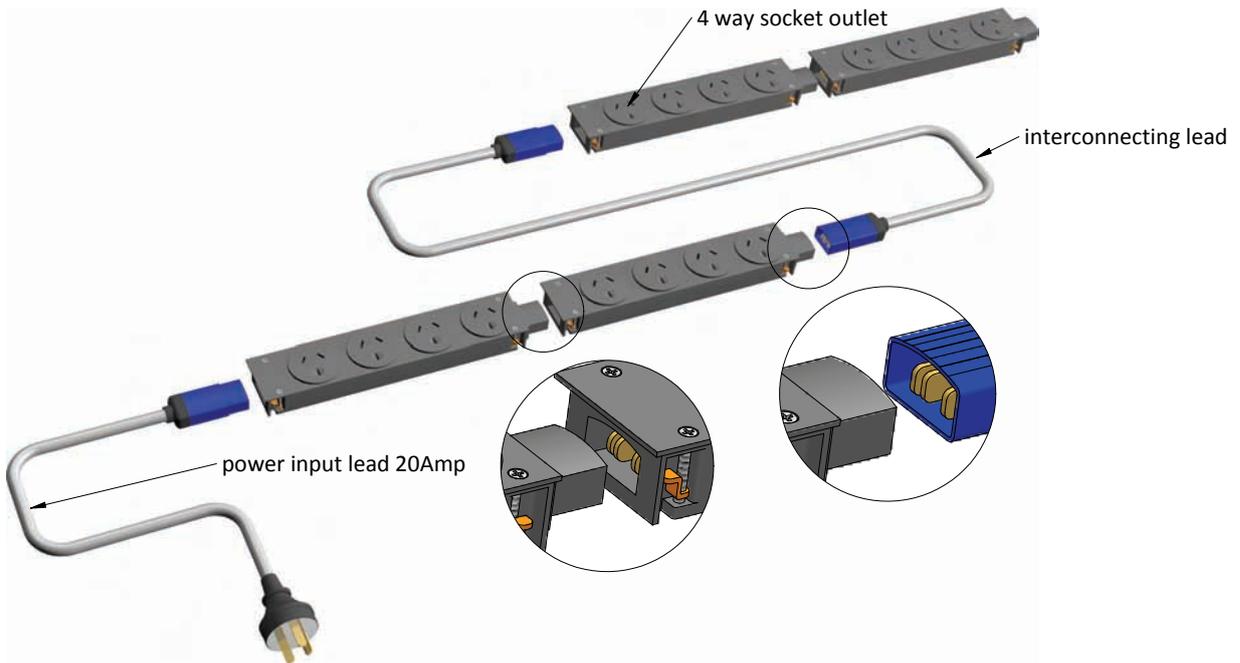
200mm p/n: 441.26
300mm p/n: 441.27



grab container base

base 180 p/n: 441.08
base 90 p/n: 441.06

modular soft wire system
for efficient power management applications



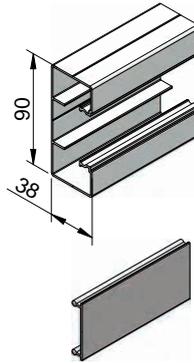
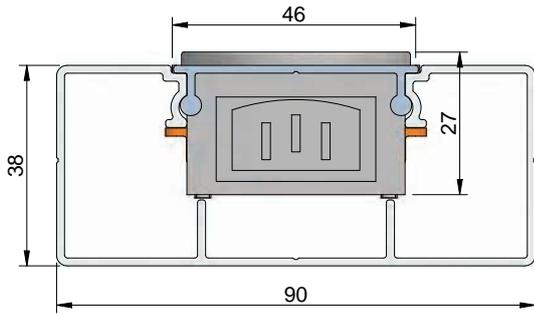
typical application

used for workstations power distribution
suitable for horizontal and vertical
installations

- self switching, double pole, 20amp rating
- total modularity, expandable system
- safe interlocking systems
- DIY installation, user friendly
- complies with AS/NZ 61535.1



modular soft wire system
for efficient power management applications

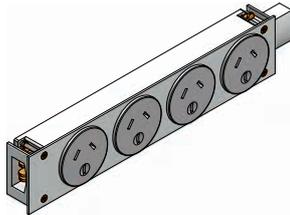
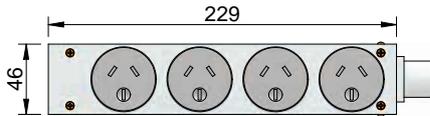
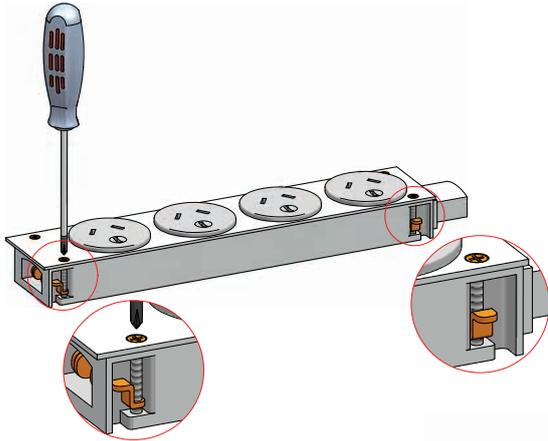


electrical duct
Part Number: 452.20

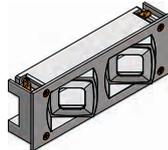
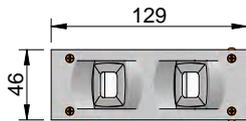
Material: anodised aluminium
max. length: 6000mm
weight = 1.03kg/m

electrical duct cover
Part Number: 452.21

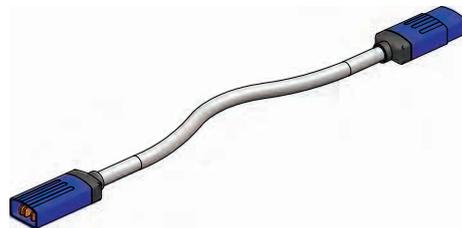
Material: anodised aluminium
max. length: 3000mm
weight = 0.28kg/m



4-way socket outlet
Part Number: 312.80



2-way data module
Part Number: 312.82

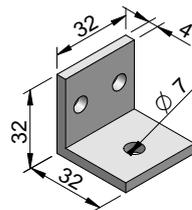


interconnecting lead
Part Number: 312.05 500mm
312.10 1000mm
312.15 1500mm
312.20 2000mm



16mm cable gland
Part Number: 321.42

Material: black plastic



electrical duct mounting angle
Part Number: 312.32

Material: aluminium



1. inspection workstation
2000x900x900 (WxDxH)
ErgoStyle 100/209

design features:

- lockable six drawer unit
- lockable computer cabinet
- electrical duct mounted under benchtop
- built-in adjustable foot rest
- removable benchtop enclosure



2. lockable cabinet with two doors
1800x600x2000 (WxDxH)

design features:

- height adjustable shelves
- side and door panels made from clear 6mm p/carb
- sloped roof



3. lockable cabinet
600x430x2000 (WxDxH)

design features:

- height adjustable shelves
- side and door panels made from clear 6mm p/carb
- sloped roof



4. assembly workstation module
ErgoStyle 100/94

- design features
- modular gravity roller conveyor
 - built-in adjustable foot rest



5. assembly workstation module
ErgoStyle 400/94

- design features
- built-in adjustable foot rest
 - overhead light unit
 - tool hanger bar



6. assembly workstation
ErgoStyle 100/188

- design features:
- container stand 370-1
 - assembly trolley 820-3
 - assembly trolley 430-2



8. inspection/repair/test workstation
ErgoMan 800/188 customised

- design features:
- extra wide adjustable foot rest
 - split adjustable shelving
 - pin board for drawings



7. packing station
ErgoMan 800/128

- design features:
- stainless steel top
 - set of lockable castors
 - paper holder
 - packing container shelf
 - label printer shelf



9. modular lab benches

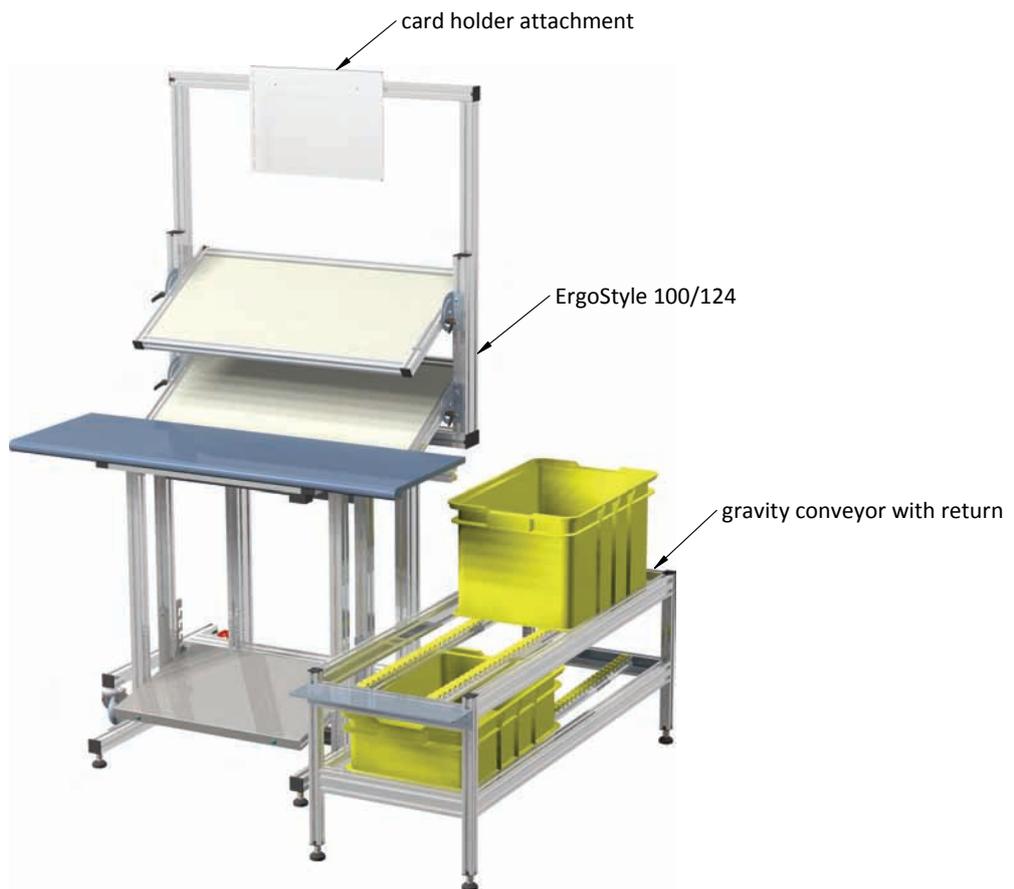
modular benches for
different layout configuration



10. gravity conveyor with adjustable return

designed and made to transfer 25 lt and 50 lt Chep containers between workstations

adjustable gravity return



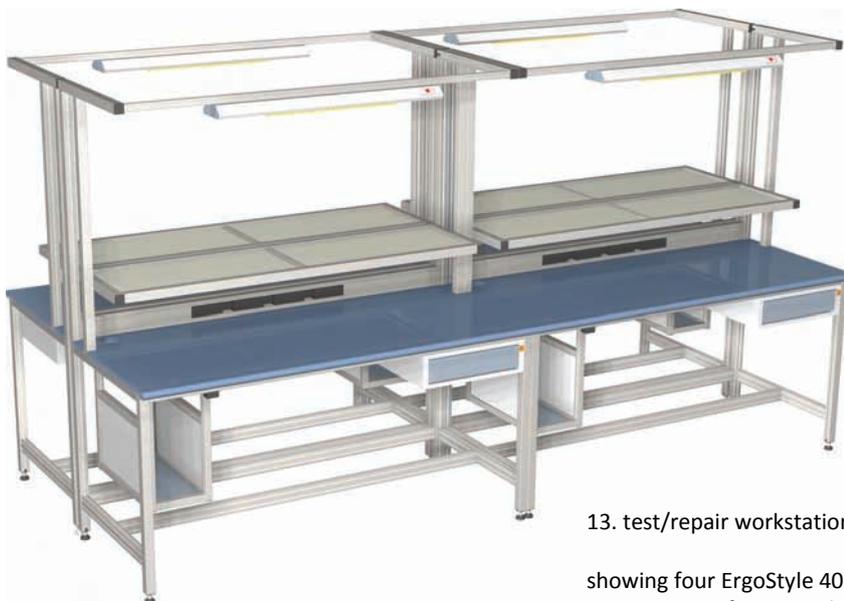
11. assembly workstation module
ErgoStyle 100/124

showing possible configuration with assembly trolley and gravity conveyor



12. assembly/subassembly line

showing two ErgoStyle 100/124
workstations, two gravity conveyors
and two assembly trolleys positioned
at the front of operators
easy to reconfigure layout combination



13. test/repair workstation

showing four ErgoStyle 400/188
in a group configuration layout



14. test/calibration cell



15. manual assembly line with
gravity conveyors

product gallery
custom made products



product gallery
custom made products



Guide to workstation configuration

...the 8 basic ergonomic principles

Adjustability in a workstation is essential if it is to be truly ergonomic. And the ease by which adjustment can be made is important to lock in maximum productivity gains.

This guide to the successful implementation of eight basic ergonomic principles has been produced by ergonomic workstation specialist AME System, so you can maximise worker efficiency, safety and job motivation.

1. Each job is different, each worker is different

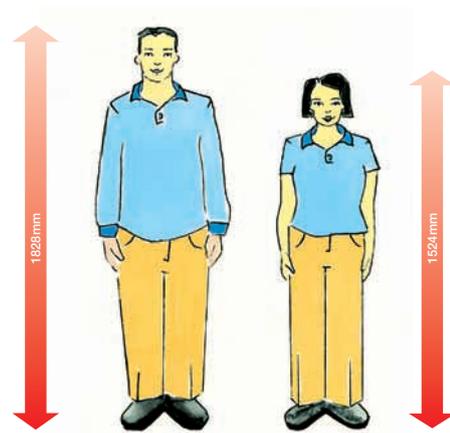
The height of the worktop surface must suit people of different sizes.

Workstation design hints:

- Freedom of movement must be available under the benchtop – a minimum of 600mm footroom, and

400mm legroom.

- Avoid mounting tool or keyboard drawers between the benchtop and the upper thigh.



2. Lower or raise the work surface to suit the task

The size of an object to be assembled will determine correct benchtop height.

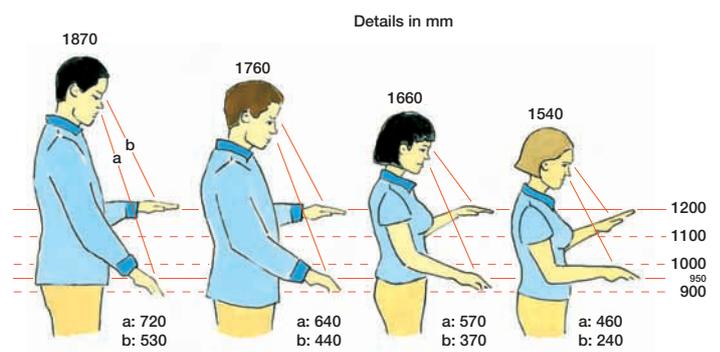
For large objects, the work surface should be lower than for small items.

If the benchtop is too low, workers will need to lean over to see better, resulting in poor posture, with

strain on the back, neck and head.

Recommended sitting positions:

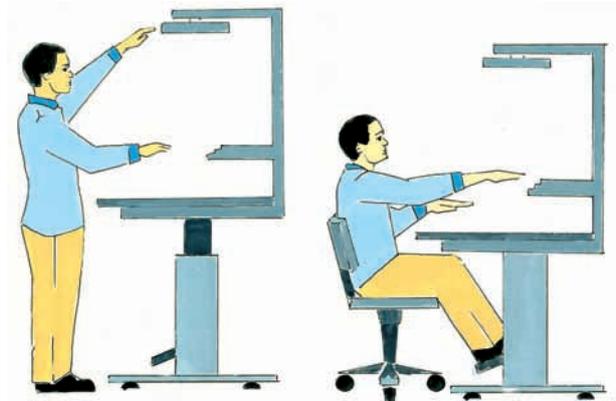
- Forward, for assembly operations requiring force
- Central, for small components, assembly or testing
- Rear, slightly backwards, testing or monitoring.



3. To relax your body alternate between sitting and standing

Ergonomists recommend that the worker should vary working height throughout the working period – changing from seated to standing positions, to relieve fatigued muscles.

AME System's ErgoMan electric height-adjustable workstations become a natural extension of the body – with rapid height changes available at the press of a button.



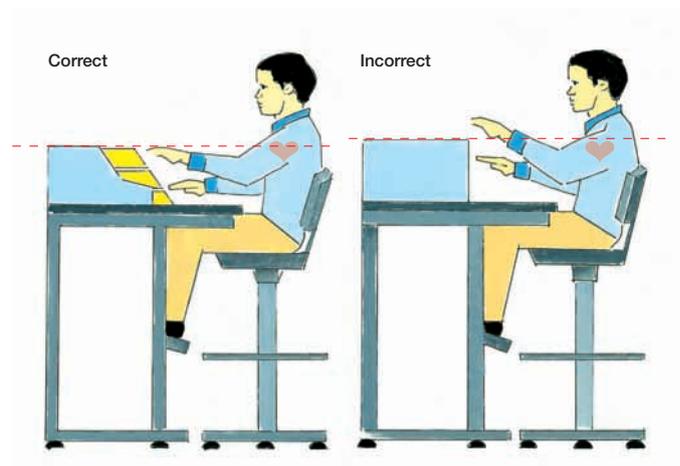
4. Work below your heart level

Seated workers should maintain correct posture – with the lower back against the lumbar support of the backrest, and feet flat on the footrest.

Avoid placing workpieces above heart height, as this reduces heart circulation, which

will rapidly diminish worker performance.

Minimise holding objects in a static position during assembly, as blood supply to muscles will be reduced, increasing muscle tiredness. This affects coordination, with a direct effect on quality of output.



5. Reach comfortably for objects

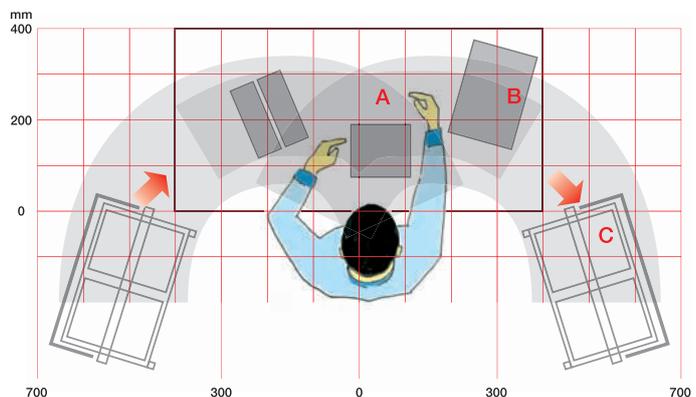
Most tasks are performed on a flat surface in front of the operator. Reaching out should be minimised in the horizontal reach zones.

Area **A** should contain frequently-used tools and components, for rapid access and less muscle stress.

Area **B** is for parts or tools frequently

collected with one hand, requiring arm extension, using the rotary joint and shoulder without any body turning.

Area **C** requires the full arm and trunk to reach. Because the body and head moves more, efficiency is reduced. No parts containers should be placed outside this area.



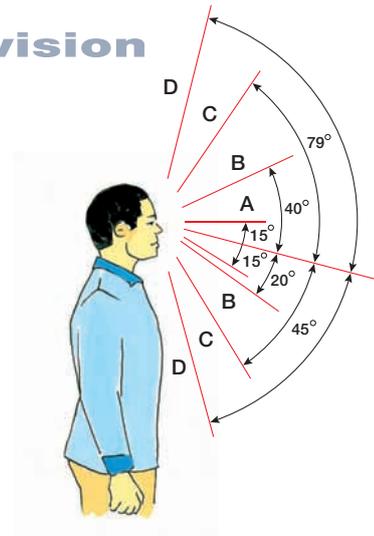
6. Position parts within optimum field of vision

The field of vision should be considered too.

The position of the head should be natural:
 15° for sitting, and
 25° for standing.
 Containers should be positioned at the same distance, to

avoid unnecessary head and eye movement, and the eye-strain of repeated re-focussing.

Frequently used parts should be within field of vision **A**.



7. Adjust shelves to minimise reach

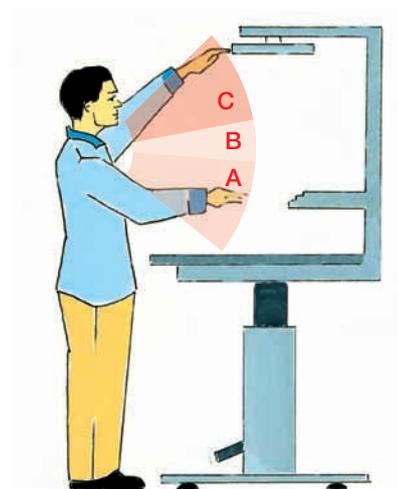
Efficient use of space often means using more than the horizontal work surface – vertical shelving extends available space.

Zone **A** should contain high priority items.

Zone **B** can contain

equipment used for short periods only.

Zone **C** is a low priority area which can be improved by extending upper shelves closer to the operator. They may also be tilted down towards the work surface.



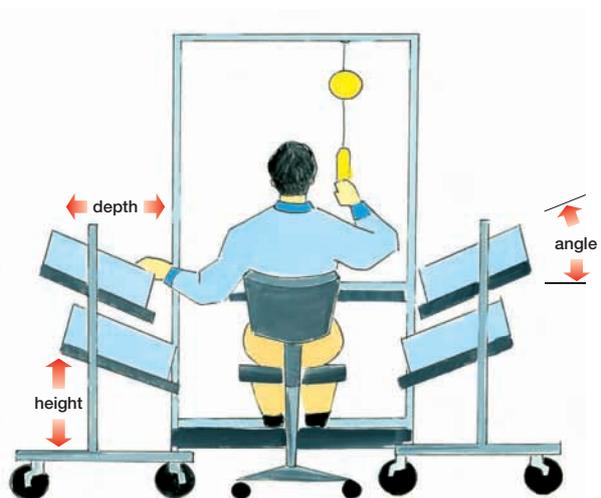
8. Place your work where you need it

Position trolleys and shelves within reach, and angle them in such a way to enhance accessibility.

Utilise the adjustments of working aids to achieve an economic, fatigue-free posture.

Ensure correct chair and footrest position.

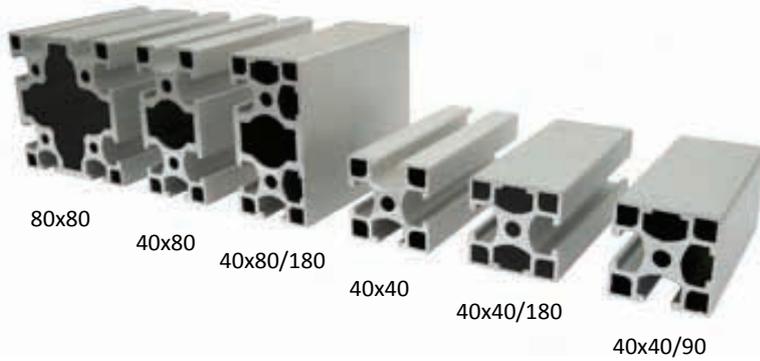
Properly adjusted working aids will improve productivity, and reduce strain and downtime.



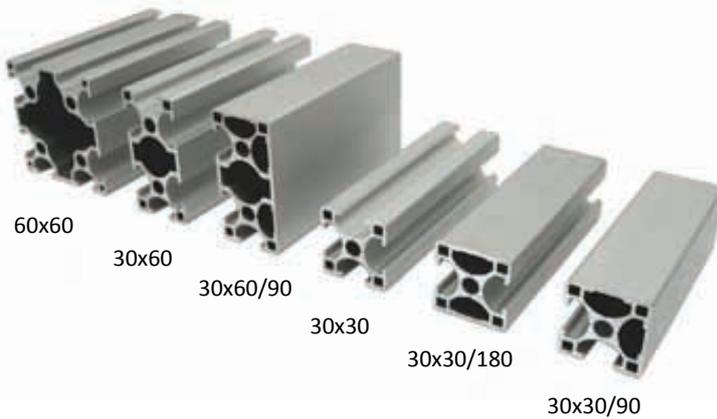
aluminium profile system



series 40 profiles



series 30 profiles



introduction

Aluminium profiles are provided with longitudinal grooves which can be used in conjunction with connecting elements and can also perform a whole range of additional functions.

All profiles have been designed to deliver maximum strength for the material used.

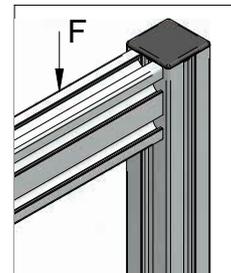
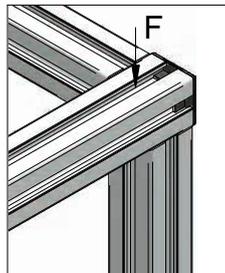
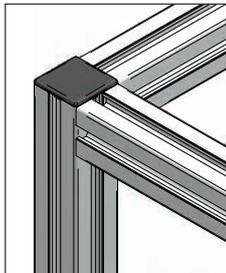
Natural anodised finish is resistant to scratching and corrosion.

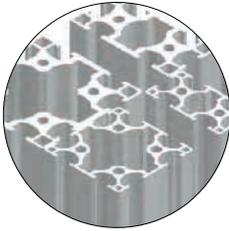
Two profiles series:
series 40 6 profiles, 10mm groove
series 30 6 profiles, 10mm groove

Uniform modular dimensions mean that the connecting elements and accessories are fully interchangeable.

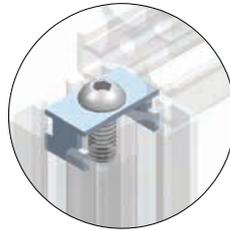
design and assembly tips

1. for lower loads application use combination of series 30 and 40 profiles.
2. where possible, the vertical profiles should extend through the entire height
3. where required, profiles should be assembled so that the larger section dimension oppose the load in order to achieve vertical strength.

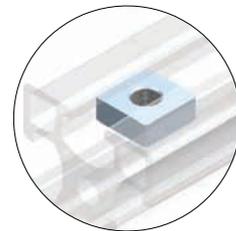




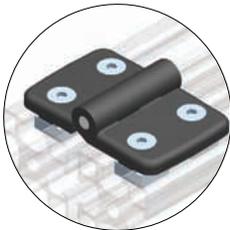
aluminium profiles
page 66 - 69



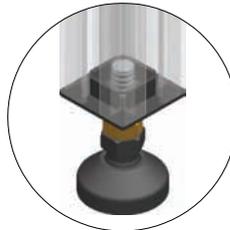
joining elements
page 70 - 86



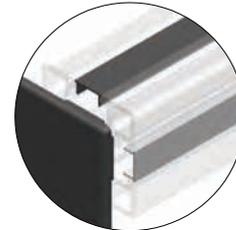
fasteners
page 87 - 89



hinges
page 90 - 92



feet and castors
page 93 - 95

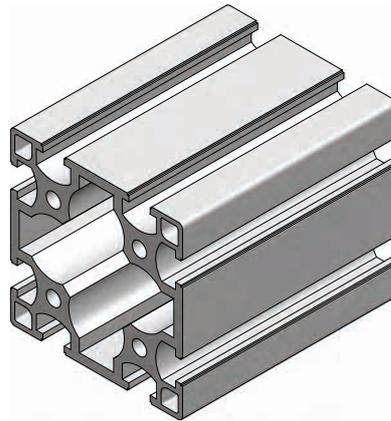
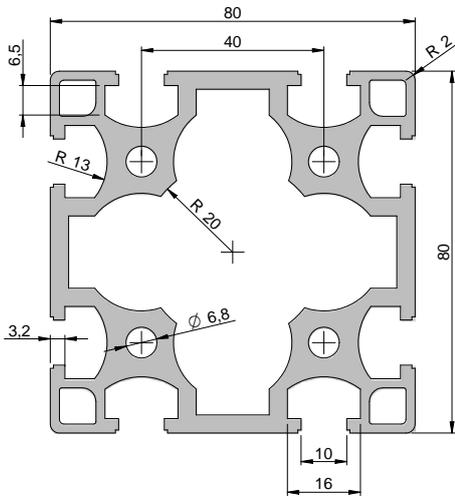


endcap cover strip
page 96 - 98



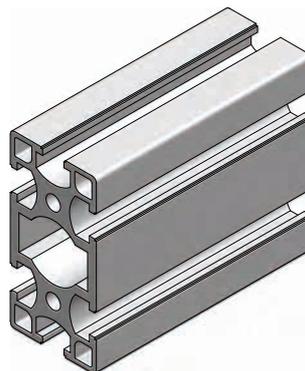
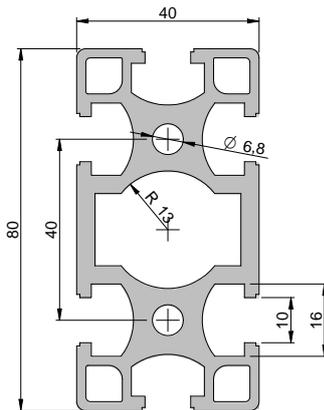
accessories
page 99 - 101

40 series profiles
overview



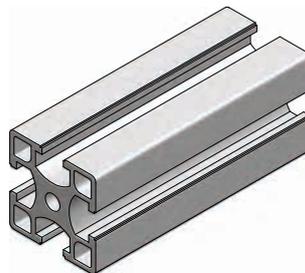
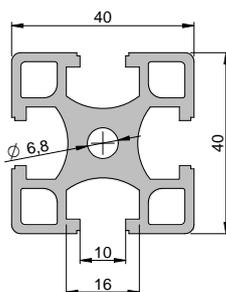
80x80 profile
Part Number: 265.80

$I_{xy} = 125.49 \text{ cm}^4$
 $W_{xy} = 31.37 \text{ cm}^3$
 $A = 18.45 \text{ cm}^2$
weight = 5.00 kg/m
max. length: 6000 mm



40x80 profile
Part Number: 026.34

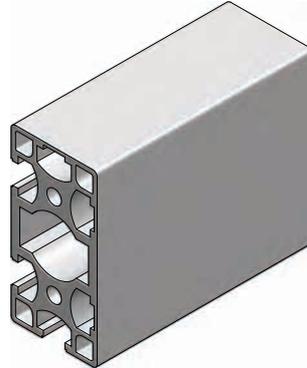
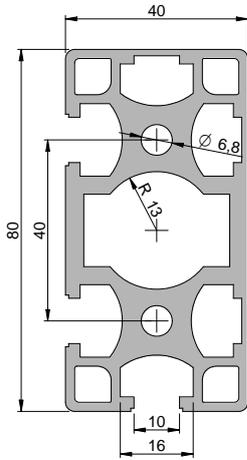
$I_x = 63.45 \text{ cm}^4$
 $I_y = 17.94 \text{ cm}^4$
 $W_x = 15.86 \text{ cm}^3$
 $W_y = 8.97 \text{ cm}^3$
 $A = 11.37 \text{ cm}^2$
weight = 3.07 kg/m
max. length: 6000 mm



40x40 profile
Part Number: 026.33

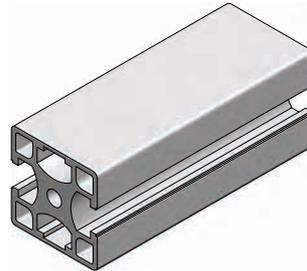
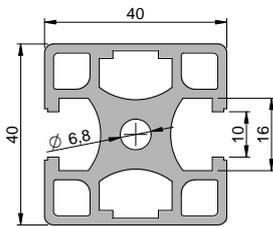
$I_{xy} = 8.16 \text{ cm}^4$
 $W_{xy} = 4.08 \text{ cm}^3$
 $A = 5.84 \text{ cm}^2$
weight = 1.58 kg/m
max. length: 6000 mm

40 series profiles
overview



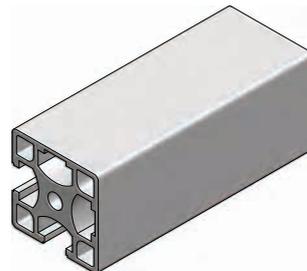
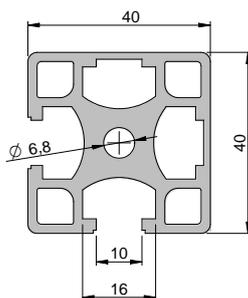
40x80/90 profile
Part Number: 026.36

$I_x = 74.24 \text{ cm}^4$
 $I_y = 20.98 \text{ cm}^4$
 $W_x = 18.56 \text{ cm}^3$
 $W_y = 10.49 \text{ cm}^3$
 $A = 11.89 \text{ cm}^2$
 weight = 3.21 kg/m
 max. length: 6000 mm



40x40/180 profile
Part Number: 026.38

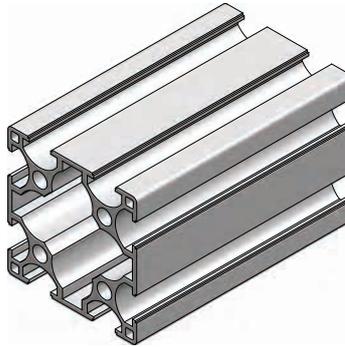
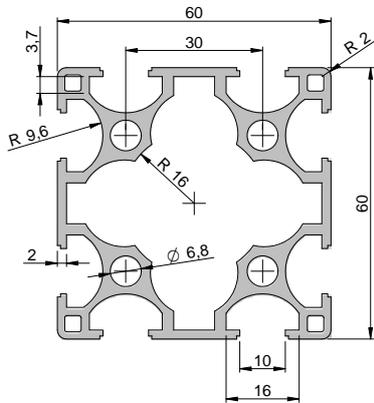
$I_x = 9.34 \text{ cm}^4$
 $I_y = 8.20 \text{ cm}^4$
 $W_x = 4.67 \text{ cm}^3$
 $W_y = 4.10 \text{ cm}^3$
 $A = 6.18 \text{ cm}^2$
 weight = 1.67 kg/m
 max. length: 6000 mm



40x40/90 profile
Part Number: 026.32

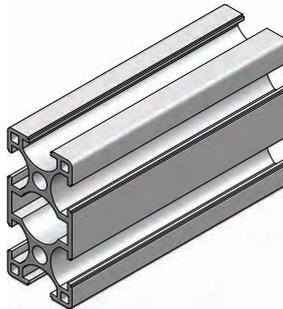
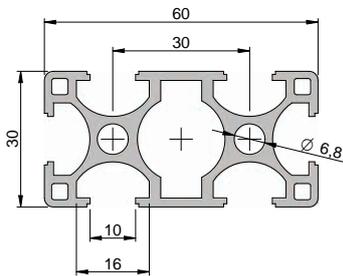
$I_{xy} = 8.82 \text{ cm}^4$
 $W_x = 4.41 \text{ cm}^3$
 $A = 6.18 \text{ cm}^2$
 weight = 1.67 kg/m
 max. length: 6000 mm

30 series profiles
overview



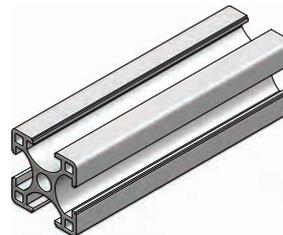
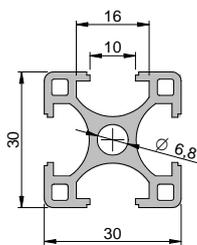
60x60 profile
Part Number: 439.66

$I_{xy} = 32.52 \text{ cm}^4$
 $W_{xy} = 10.84 \text{ cm}^3$
 $A = 8.03 \text{ cm}^2$
weight = 2.17 kg/m
max. length: 6000 mm



30x60 profile
Part Number: 419.09

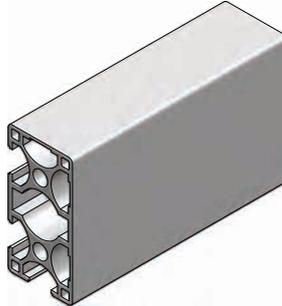
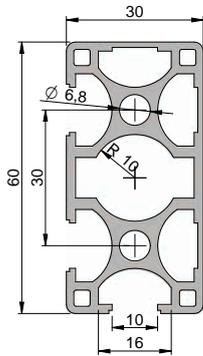
$I_x = 17.47 \text{ cm}^4$
 $I_y = 4.73 \text{ cm}^4$
 $W_x = 5.82 \text{ cm}^3$
 $W_y = 3.15 \text{ cm}^3$
 $A = 5.16 \text{ cm}^2$
weight = 1.39 kg/m
max. length: 6000 mm



30x30 profile
Part Number: 419.06

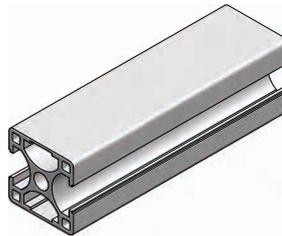
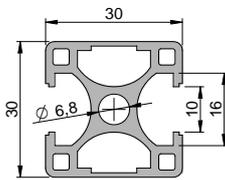
$I_{xy} = 2.44 \text{ cm}^4$
 $W_{xy} = 1.62 \text{ cm}^3$
 $A = 2.79 \text{ cm}^2$
weight = 0.75 kg/m
max. length: 6000 mm

30 series profiles
overview



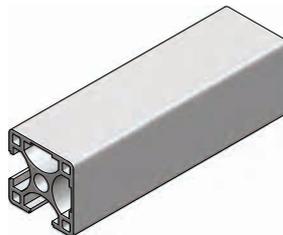
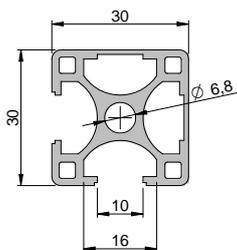
30x60/90 profile
Part Number: 419.36

$I_x = 20.44 \text{ cm}^4$
 $I_y = 5.53 \text{ cm}^4$
 $W_x = 6.81 \text{ cm}^3$
 $W_y = 3.68 \text{ cm}^3$
 $A = 5.63 \text{ cm}^2$
 weight = 1.52 kg/m
 max. length: 6000 mm



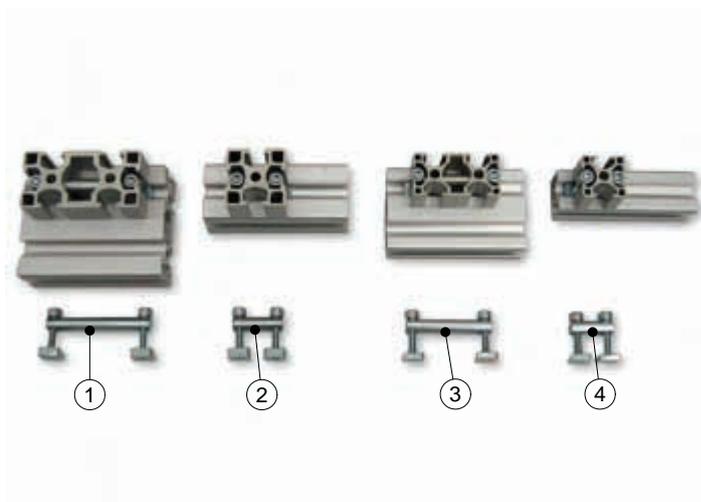
30x30/180 profile
Part Number: 439.18

$I_x = 2.47 \text{ cm}^4$
 $I_y = 3.11 \text{ cm}^4$
 $W_x = 1.64 \text{ cm}^3$
 $W_y = 2.07 \text{ cm}^3$
 $A = 3.12 \text{ cm}^2$
 weight = 0.84 kg/m
 max. length: 6000 mm



30x30/90 profile
Part Number: 439.45

$I_{xy} = 2.69 \text{ cm}^4$
 $W_{xy} = 1.79 \text{ cm}^3$
 $A = 3.12 \text{ cm}^2$
 weight = 0.84 kg/m
 max. length: 6000 mm

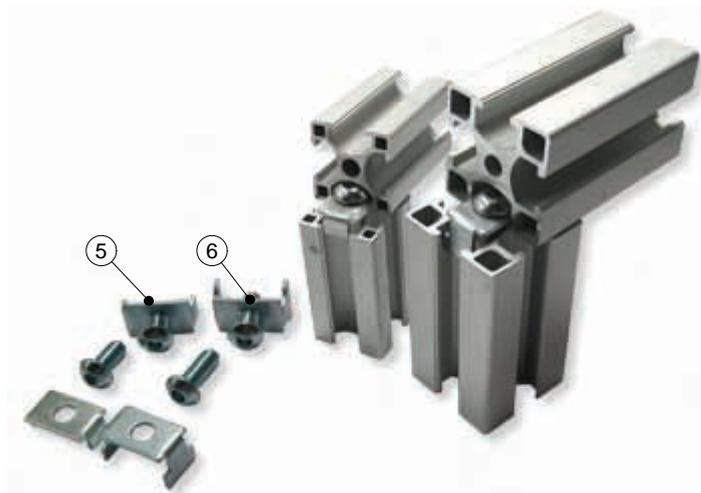


bolt connector

this type of connection applies for profiles which need to be moved subsequently.

recommended type of connection for addition into existing frames.

- 1. bolt connector 80 (for 40x80 and 80x80)
- 2. bolt connector 40 (for 40x40 and 40x80)
- 3. bolt connector 60 (for 30x60 and 60x60)
- 4. bolt connector 30 (for 30x30 and 30x60)



bracket connector

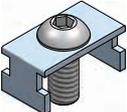
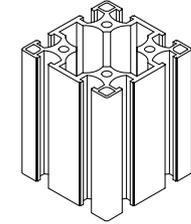
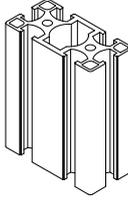
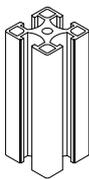
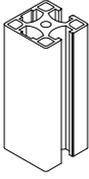
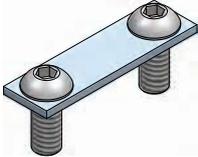
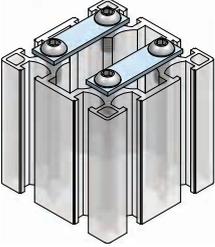
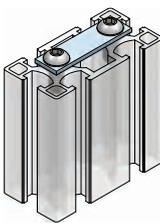
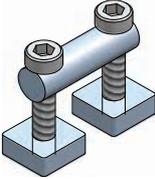
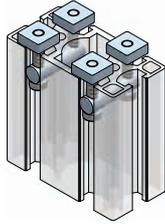
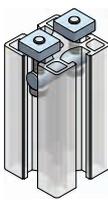
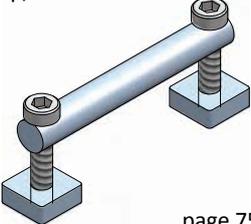
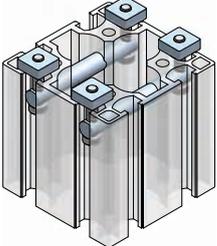
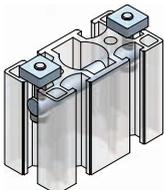
- 5. bracket connector M8-10 (for 30 series profiles)
- 6. bracket connector M8-16 (for 40 series profiles)



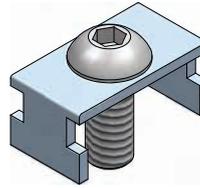
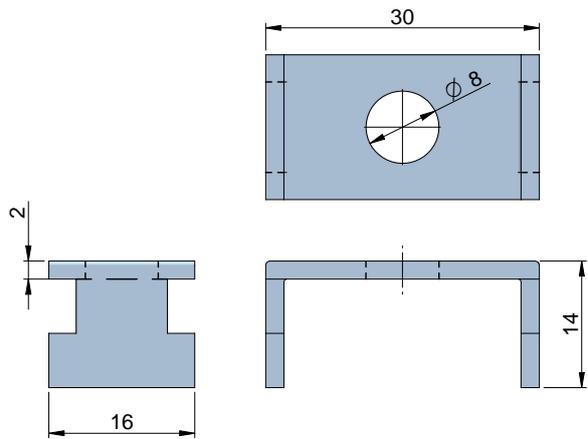
plate connector

- 7. 40x80 plate connector (for 40 series profiles)
- 8. 30x60 plate connector (for 30 series profiles)

connector selection
for 40 series profiles

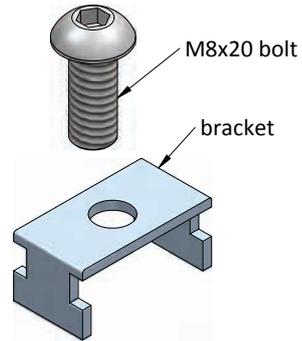
	80x80	40x80	40x40	40x40/90
<p>M8-16 bracket connector p/n 026.07</p>  <p>page 72</p>				
<p>40x80 plate connector p/n 046.48</p>  <p>page 73</p>				
<p>bolt connector 40 p/n 056.02</p>  <p>page 74</p>				
<p>bolt connector 80 p/n 056.03</p>  <p>page 75</p>				

M8-16 bracket connector
for 40 series profiles

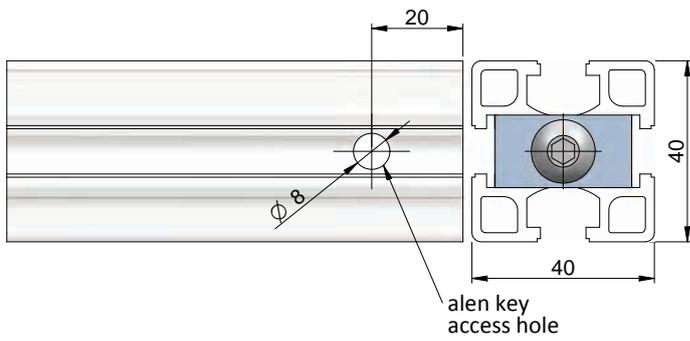


M8-16 bracket connector
Part Number: 026.07

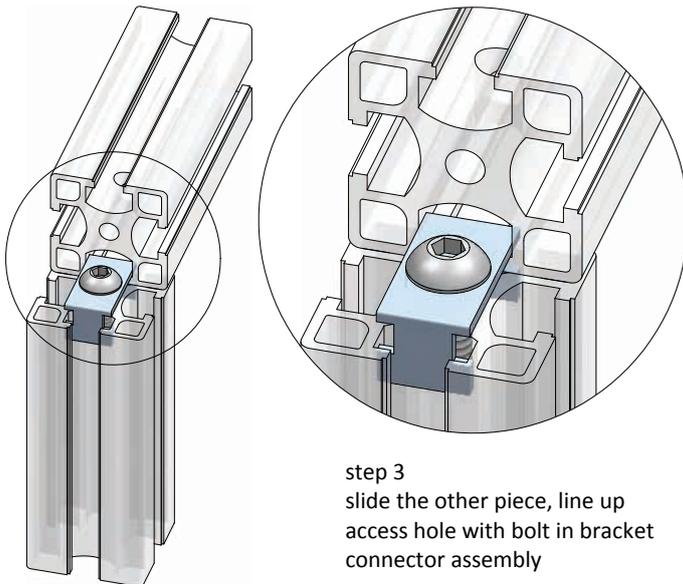
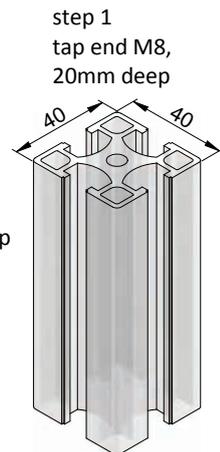
consisting of one M8x20 bolt
and one bracket.



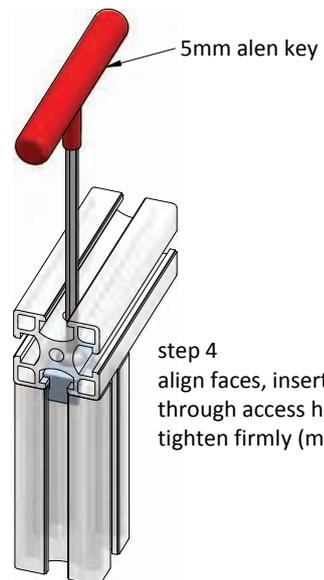
drilling diagram for right
angled connection



step 2
place bracket on top of
profile,
screw partially into
profile, allow 4-5mm gap



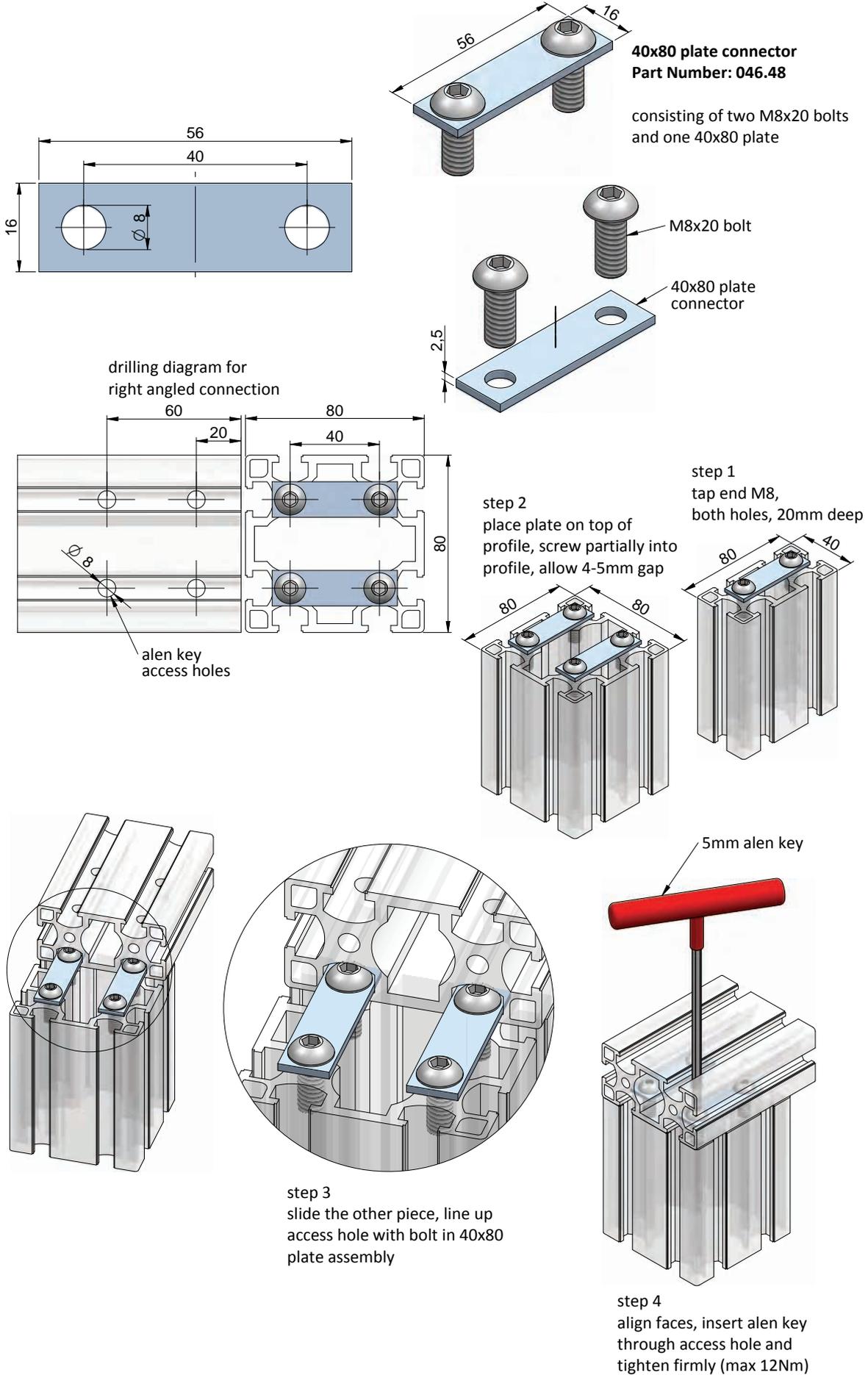
step 3
slide the other piece, line up
access hole with bolt in bracket
connector assembly



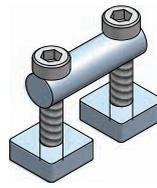
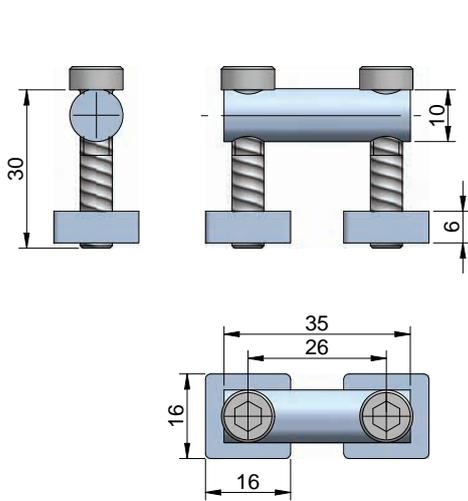
5mm alen key

step 4
align faces, insert alen key
through access hole and
tighten firmly (max 12Nm)

40x80 plate connector
for 40 series profiles (40x80 & 80x80)

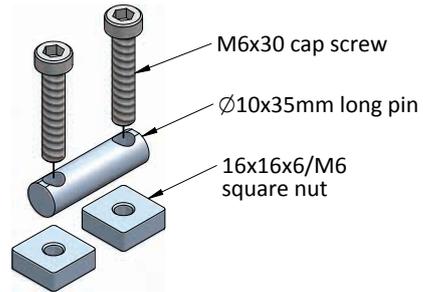


bolt connector 40
for 40 series profiles (40x40 and 40x80)



bolt connector 40
Part Number: 056.02

consisting of:
one 10mm pin, 35mm long
two M6x30 cap screws
two 16x16x6/M6 sq nuts



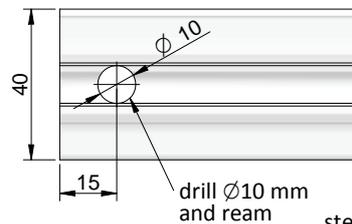
application

used in 40x40 and 40x80 profiles

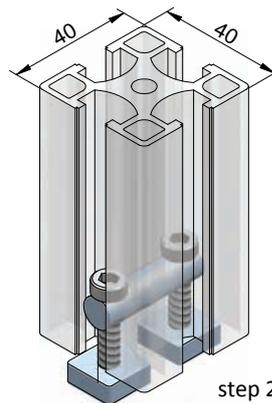
this type of connection applies for profiles which need to be moved subsequently.

recommended type of connection for addition into existing frames.

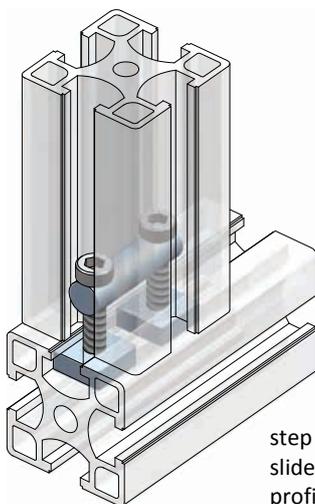
bolt connector 40
drilling diagram



step 1
drill 10mm hole
15mm from end
and ream

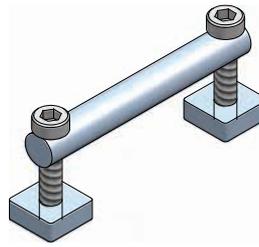
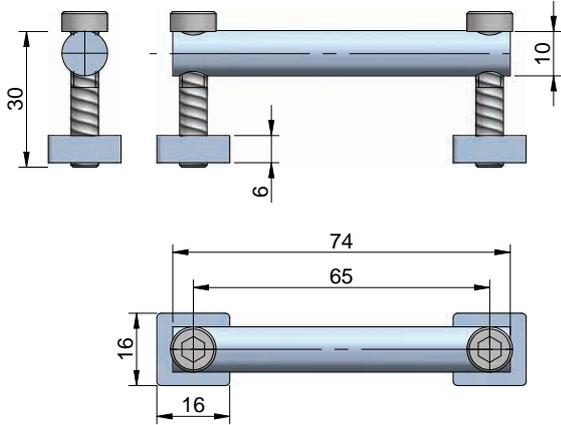


step 2
assembly pin with bolts
and square nuts as shown



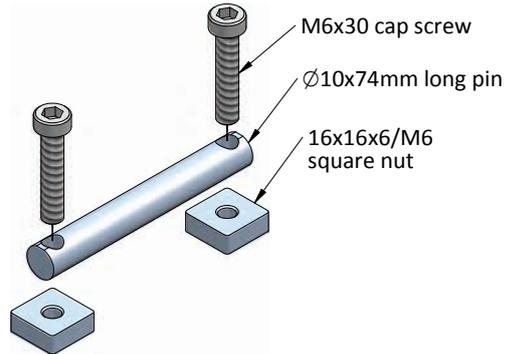
step 3
slide bolt connector 40 into other
profile, position in location and
tighten firmly with 5mm allen key

bolt connector 80
for 40 series profiles (40x80 & 80x80)



bolt connector 80
Part Number: 056.03

consisting of:
one 10mm pin, 74mm long
two M6x30 cap screws
two 16x16x6/M6 sq nuts



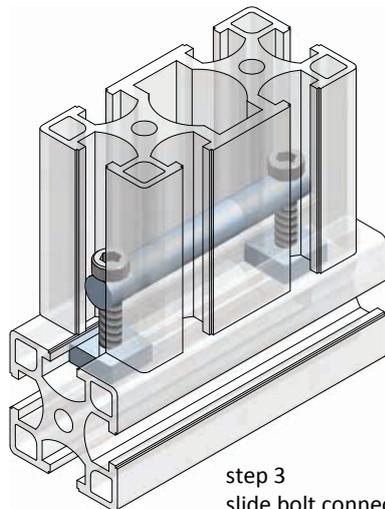
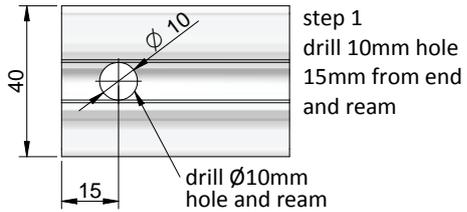
application

used in 40x80 and 80x80 profiles

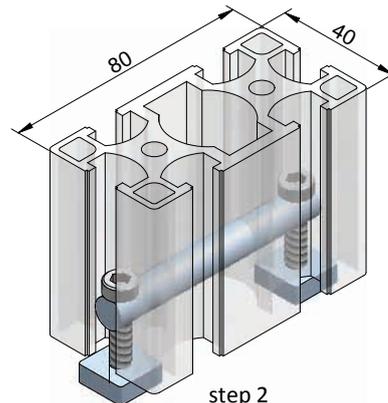
this type of connection applies for profiles which need to be moved subsequently.

recommended type of connection for addition into existing frames.

bolt connector 80
drilling diagram

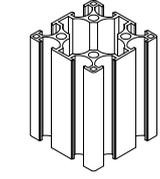
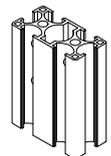
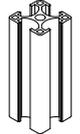
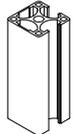
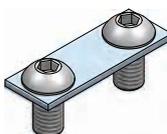
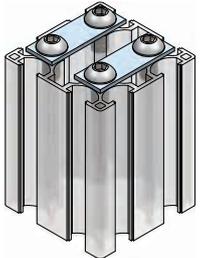
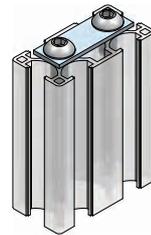
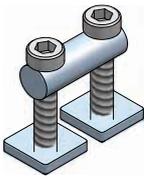
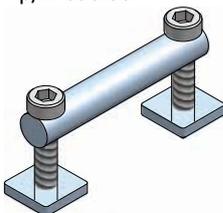
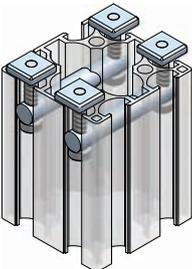
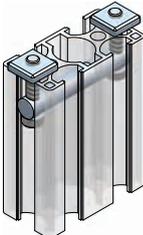


step 3
slide bolt connector 80 into other profile, position in location and tighten firmly with 5mm allen key

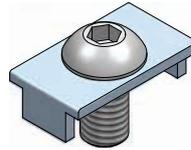
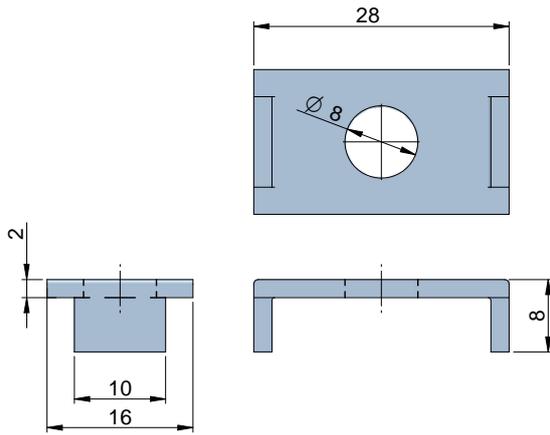


step 2
assembly pin with bolts and square nuts as shown

connector selection
for 30 series profiles

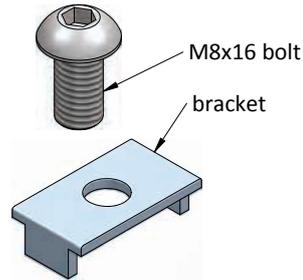
	60x60	30x60	30x30	30x30/90
<p>M8-10 bracket connector p/n 026.08</p>  <p>page 77</p>				
<p>30x60 plate connector p/n 046.36</p>  <p>page 78</p>				
<p>bolt connector 30 p/n 056.01</p>  <p>page 79</p>				
<p>bolt connector 60 p/n 056.06</p>  <p>page 80</p>				

M8-10 bracket connector
for 30 series profiles

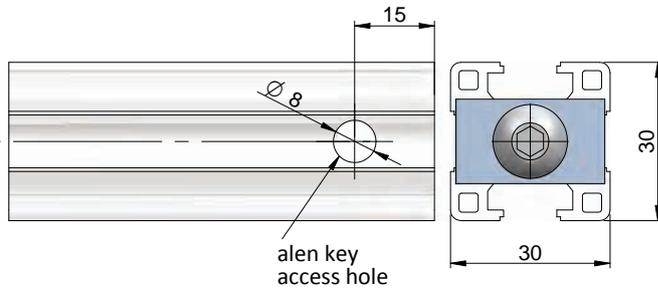


M8-10 bracket connector
Part Number: 026.08

consisting of one M8x16 bolt
and one bracket.

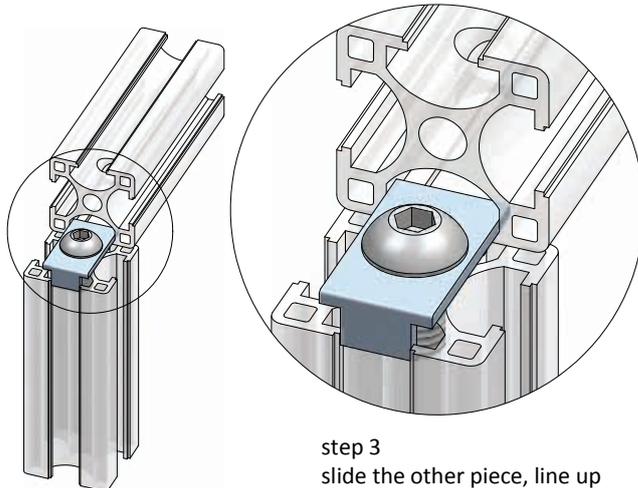
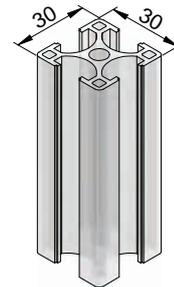


drilling diagram for right
angled connection

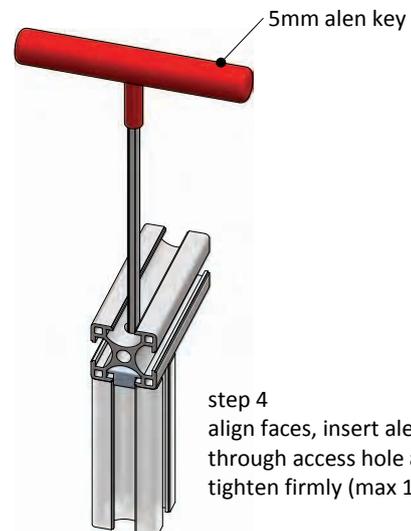


step 2
place bracket on top of
profile,
screw partially into
profile, allow 4-5mm gap

step 1
tap end M8,
20mm deep

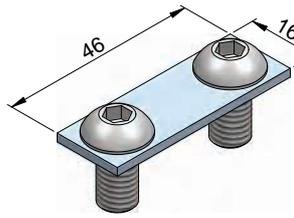
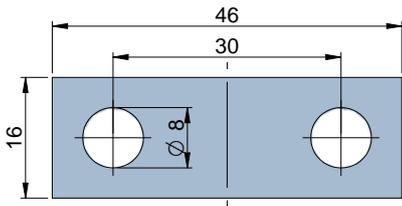


step 3
slide the other piece, line up
access hole with bolt in bracket
connector assembly



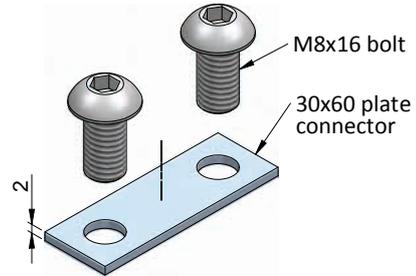
step 4
align faces, insert allen key
through access hole and
tighten firmly (max 12Nm)

30x60 plate connector
for 30 series profiles (30x60 & 60x60)

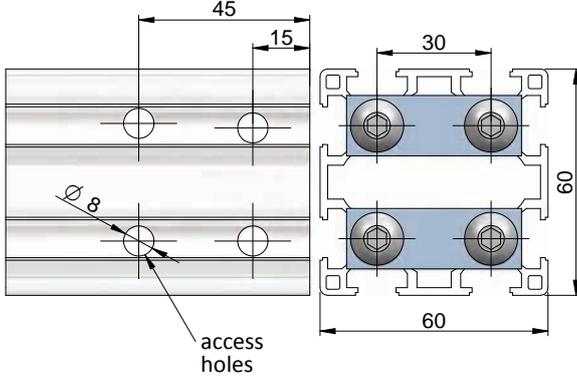


30x60 plate connector
Part Number: 046.36

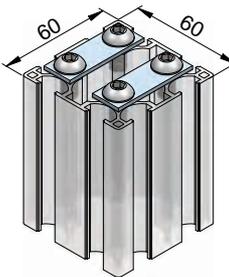
consisting of two M8x16 bolts
and one 30x60 plate



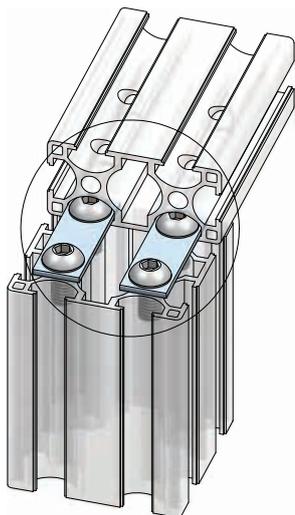
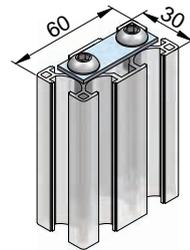
drilling diagram for right
angled connection



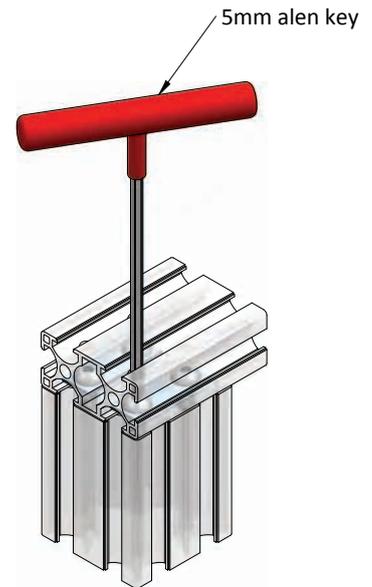
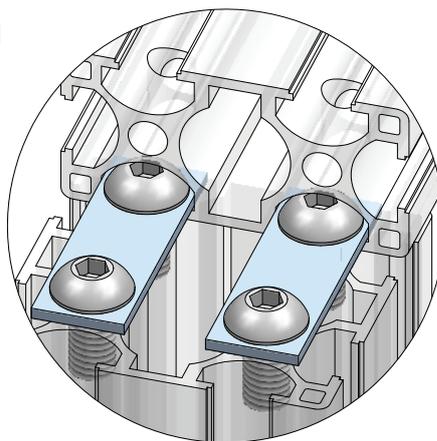
step 2
place plate on top of
profile, screw partially
into profile, allow
4-5mm gap



step 1
tap end M8,
20mm deep

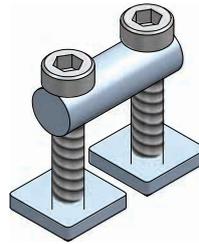
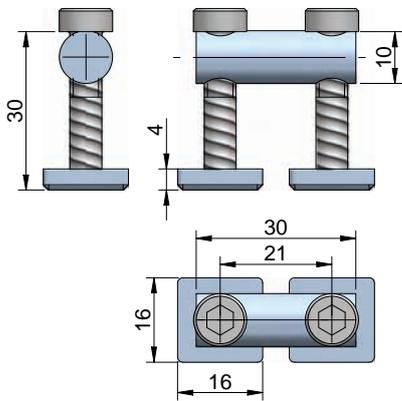


step 3
slide the other piece, line up
access hole with bolt in 30x60
plate assembly



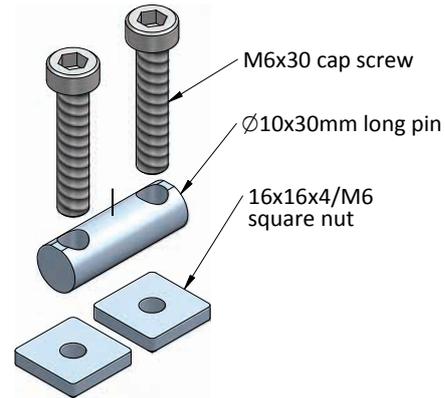
step 4
align faces, insert allen key
through access hole and
tighten firmly (max 12Nm)

bolt connector 30
for 30 series profiles (30x30 & 30x60)



bolt connector 30
Part Number: 056.01

consisting of:
one 10mm pin, 30mm long
two M6x30 cap screws
two 16x16x4/M6 sq nuts



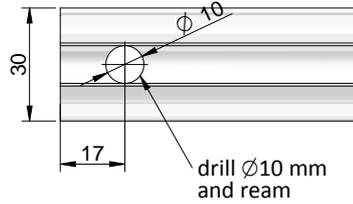
application

used in 30x30 and 30x60 profiles

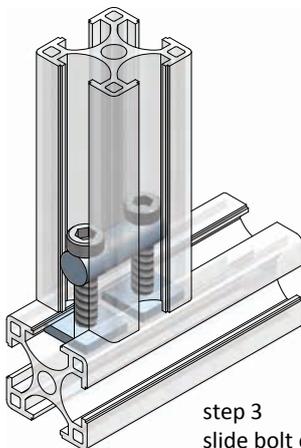
this type of connection applies for profiles which need to be moved subsequently.

recommended type of connection for addition into existing frames.

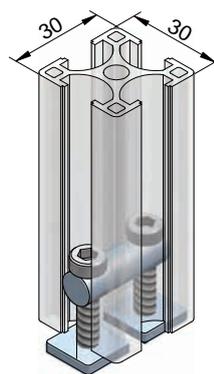
bolt connector 30
drilling diagram



step 1
drill 10mm hole
17mm from end
and ream

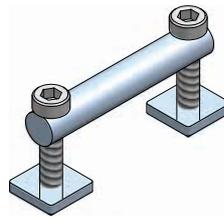
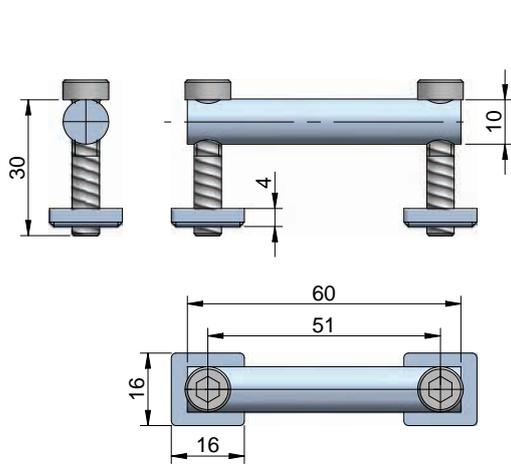


step 3
slide bolt connector 30 into other profile, position in location and tighten firmly with 5mm alen key



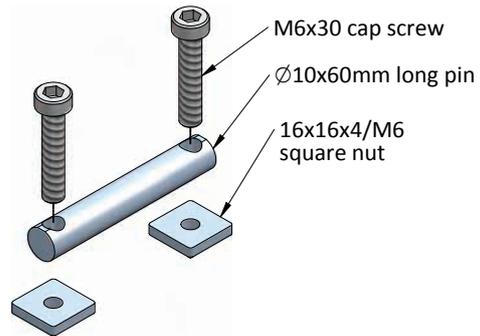
step 2
assembly pin with bolts and square nuts as shown

bolt connector 60
for 30 series profiles (30x60 & 60x60)



bolt connector 60
Part Number: 056.06

consisting of:
one 10mm pin, 60mm long
two M6x30 cap screws
two 16x16x4/M6 sq nuts



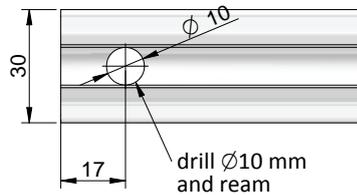
application

used in 30x60 and 60x60 profiles

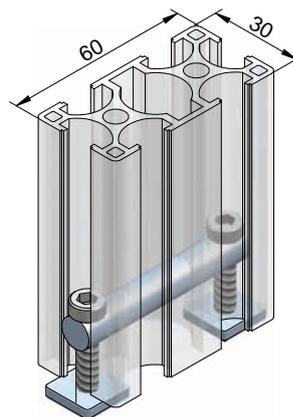
this type of connection applies for profiles which need to be moved subsequently.

recommended type of connection for addition into existing frames.

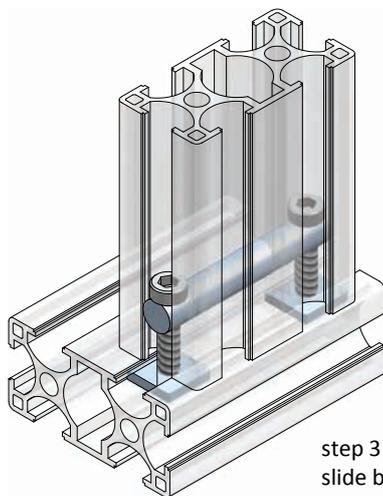
bolt connector 60
drilling diagram



step 1
drill 10mm hole
17mm from end
and ream

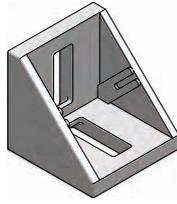
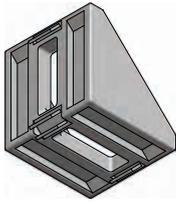


step 2
assembly pin with bolts and
square nuts as shown



step 3
slide bolt connector 60 into other
profile, position in location and
tighten firmly with 5mm allen key

corner brackets
for 40 series profiles

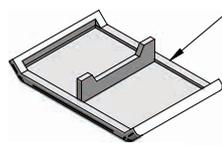
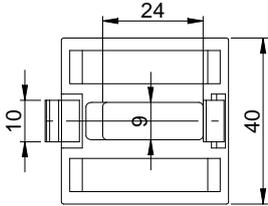


40x40 corner bracket
Part Number: 562.44

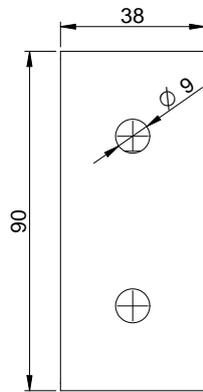
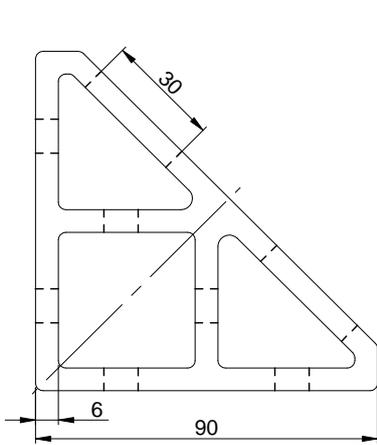
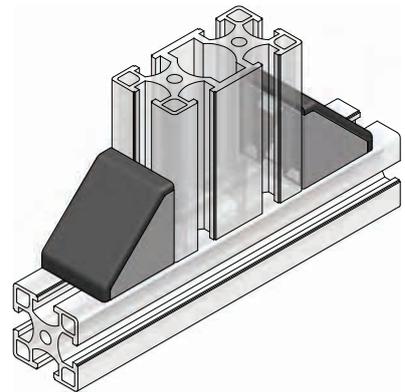
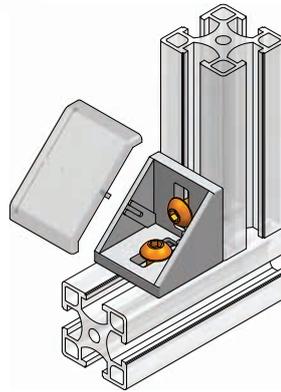
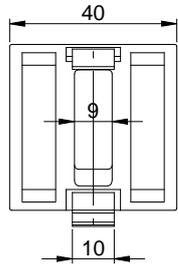
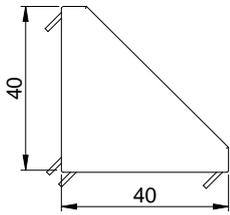
used with 40 series profiles
material: die cast aluminium

30x30 corner bracket
Part Number: 562.33

used with 30 series profiles
material: die cast aluminium

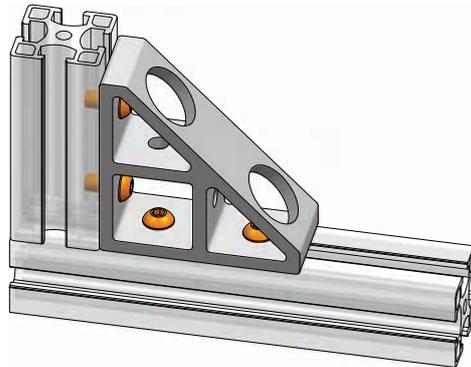
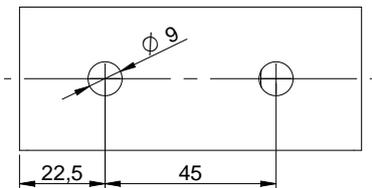


40x40 corner bracket
endcap



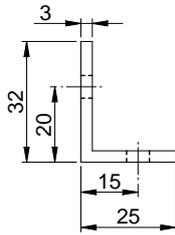
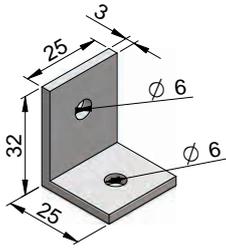
90x90 corner bracket
Part Number: 562.99

used with 40 series profiles
material: aluminium



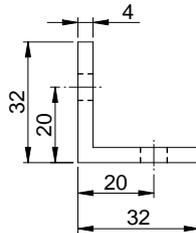
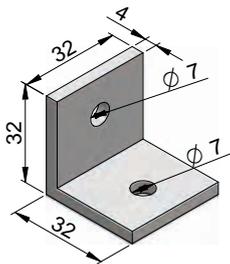
typical application

- mounting panels
- table top
- switches, accessories
- assembly jigs
- fastening profiles



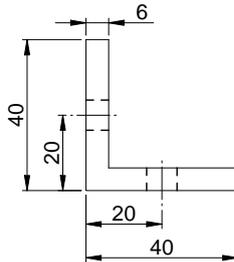
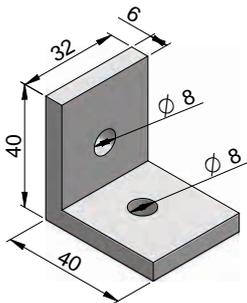
32x25x3 angle
Part Number: 026.20

used with 40 & 30 series profiles



32x32x4 angle
Part Number: 026.23

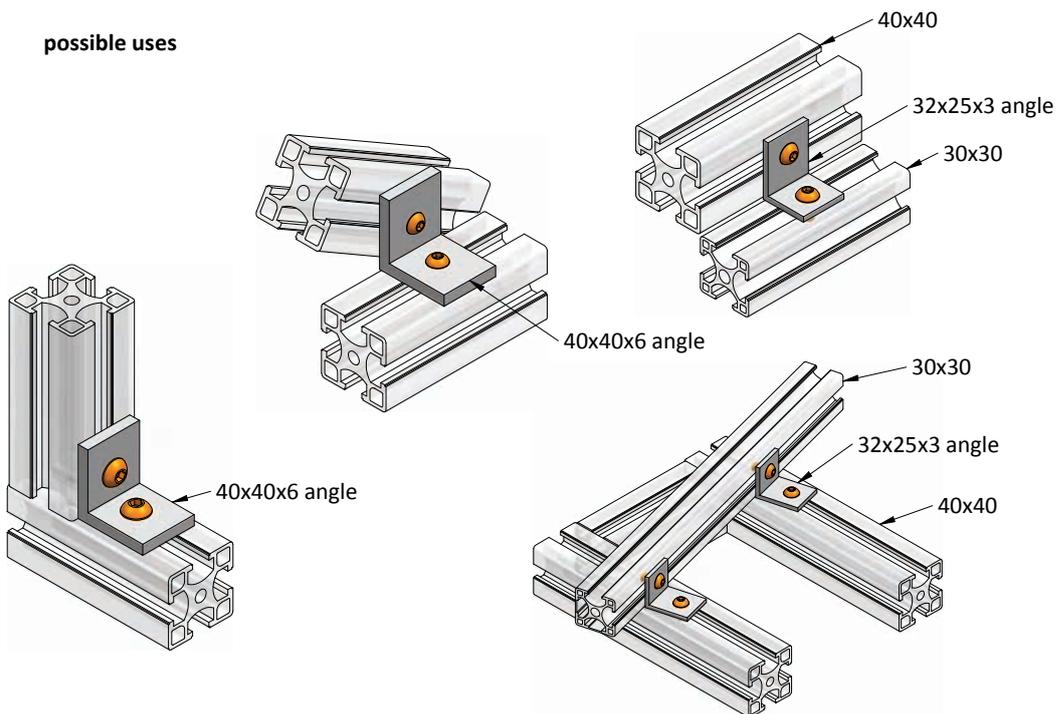
light duty angle used with 40 series profiles



40x40x6 angle
Part Number: 026.43

heavy duty angle, used with 40 series profiles

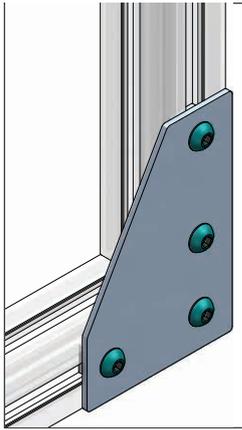
possible uses



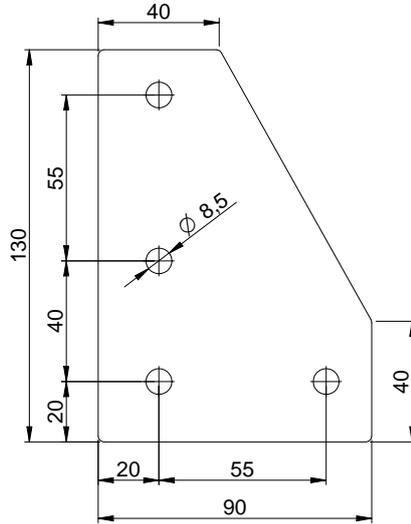
bracing plates
for 40 series profiles

typical application

used with bracket connector when
additional joint strength is required

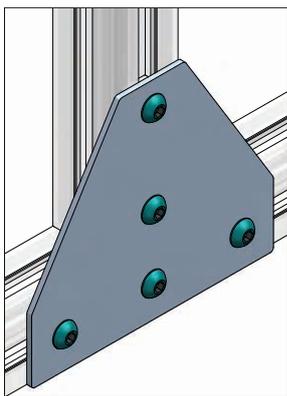


L - type bracing plate

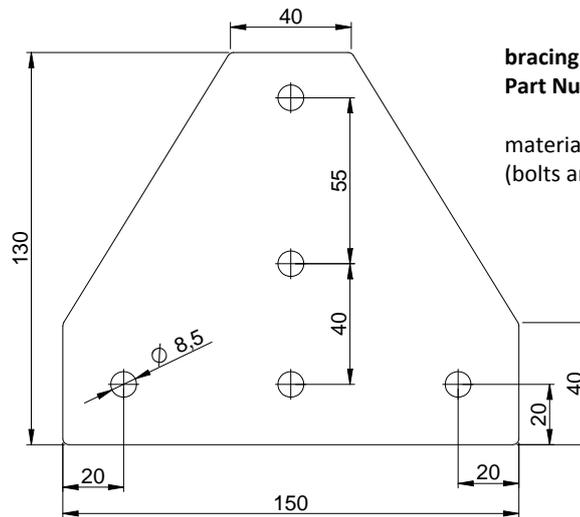


bracing plate - L type
Part Number: 562.24

material: 3mm mild steel, z/plated
(bolts and square nuts not included)



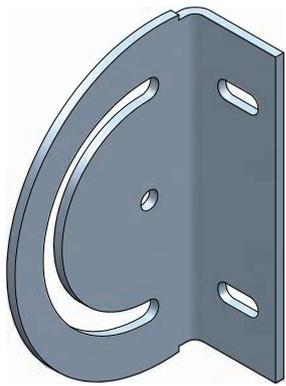
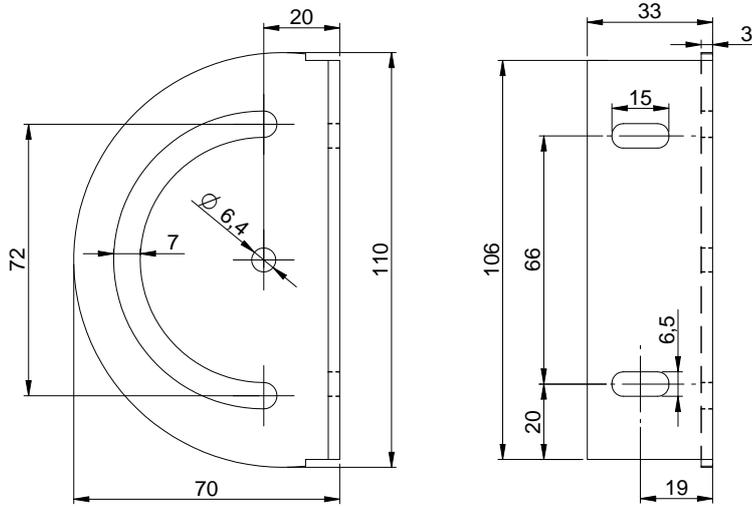
T - type bracing plate



bracing plate - T type
Part Number: 562.26

material: 3mm mild steel, z/plated
(bolts and square nuts not included)

tilt bracket
for 30 and 40 series profiles

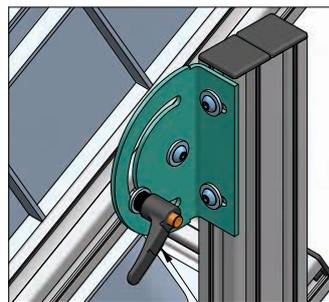


tilt bracket
Part Number: 562.35

material: 3mm mild steel, z/plated
(bolts, square nuts and adjustable
handle are not included)

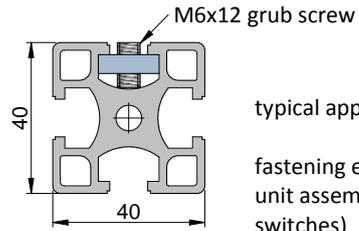
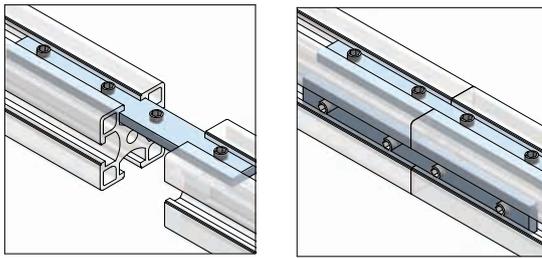
typical application

use for adjusting angle in shelves or
just pivoting two aluminium profiles
where quick and easy adjustment is
required.



adjustable handle
p/n 380.73, M6x16

sliding bar

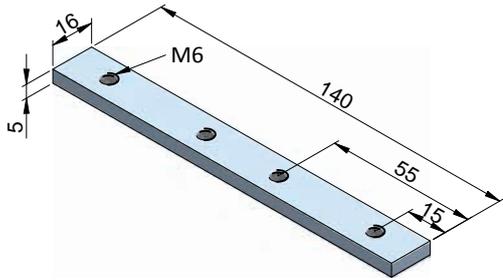


typical application

fastening element for facilitated unit assembly (valves, limit switches)

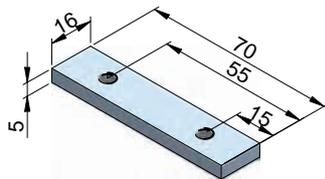
joining and extending profiles vertically or horizontally.

easy positioning and fixing in the profile groove.



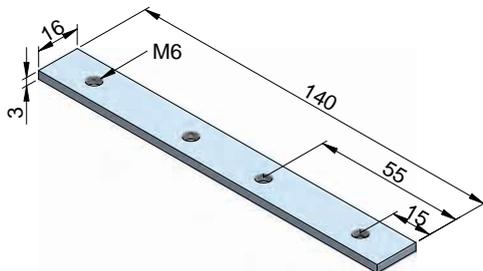
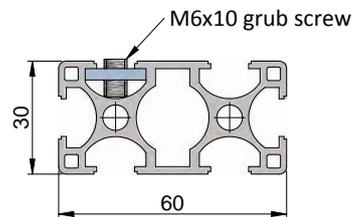
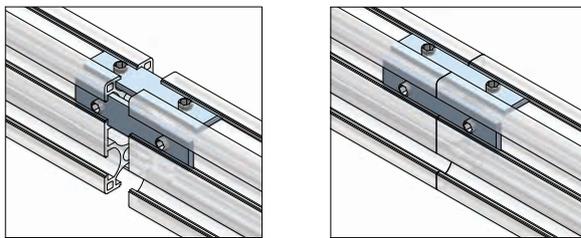
sliding bar 16x5x140 (4xM6)
Part Number: 026.58

used with 40 series profiles
material: 16x5mm mild steel, z/plated



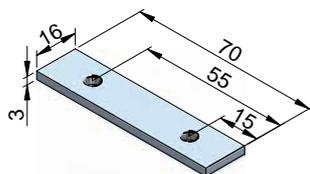
sliding bar 16x5x70 (2xM6)
Part Number: 026.59

used with 40 series profiles
material: 16x5mm mild steel, z/plated



sliding bar 16x3x140 (4xM6)
Part Number: 027.15

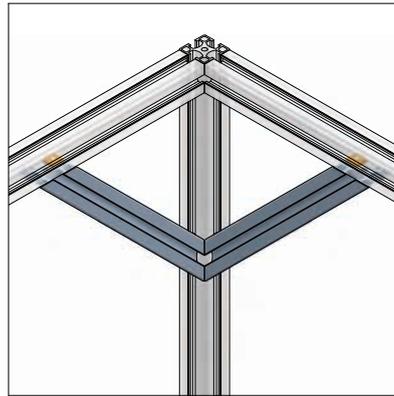
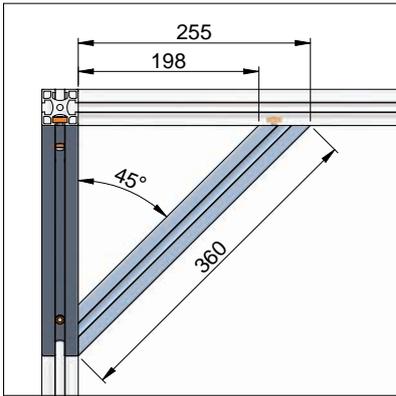
used with 30 series profiles
material: 16x3mm mild steel, z/plated



sliding bar 16x3x70 (2xM6)
Part Number: 027.17

used with 30 series profiles
material: 16x3mm mild steel, z/plated

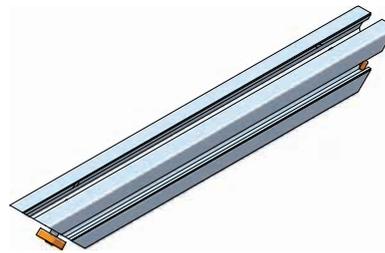
bracing element for 40 series profiles
foundation bracket



typical application

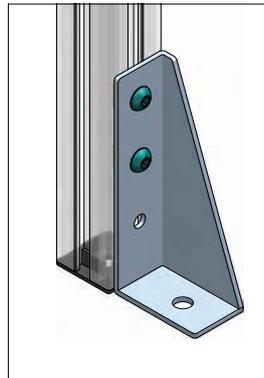
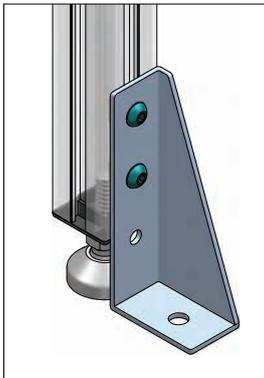
simple and fast way of reducing profiles bending or sagging under heavier vertical loads

reduces frames buckling and stabilizes the frame structure.



bracing element 40x40 360mm
Part Number: 562.30

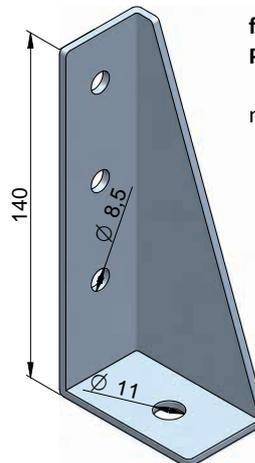
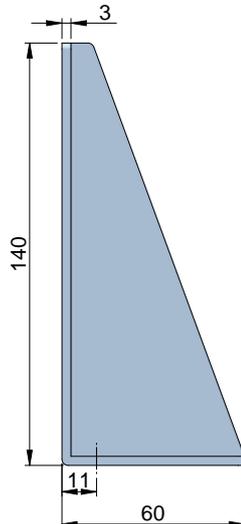
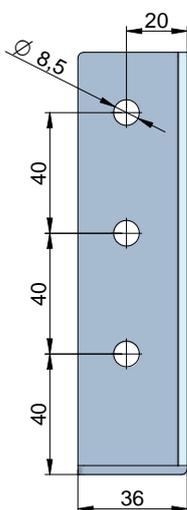
used only with 40 series profiles
material: 40x40 profile
(complete with bolt and square nut)



typical application

for floor or wall fastening in various positions

suitable for 30 and 40 series profiles



foundation bracket
Part Number: 560.10

material: mild steel, z/plated

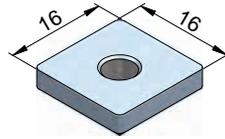
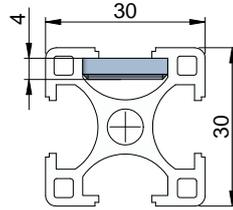
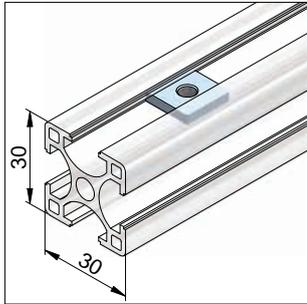
square nuts

typical application

universal fastening element for mounting of any components to profiles

particularly suitable for heavier loading capacity

allows easy movement within the slot



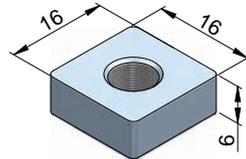
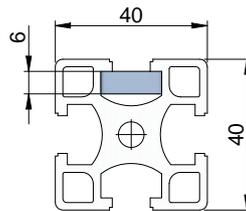
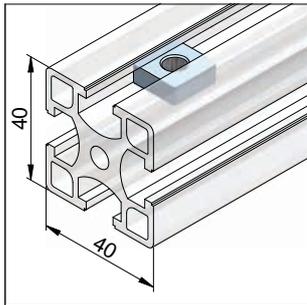
16x16x4/M6 square nut

Part Number: 427.26

16x16x3/M5 square nut (3mm thick)

Part Number: 427.25

for 30 and 40 series profiles
material: mild steel, z/plated



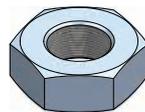
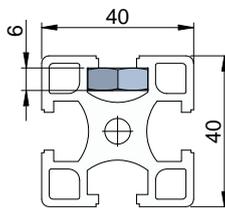
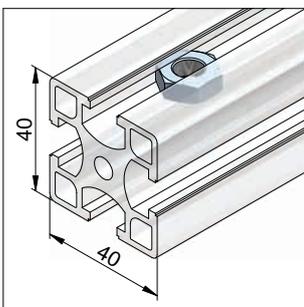
16x16x6/M6 square nut

Part Number: 427.06

16x16x6/M8 square nut

Part Number: 427.08

used with 40 series profiles
material: mild steel, z/plated

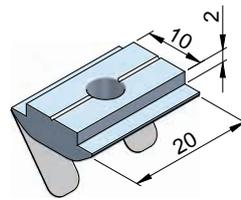
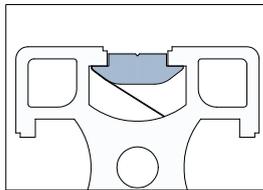
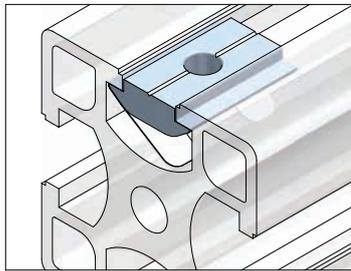
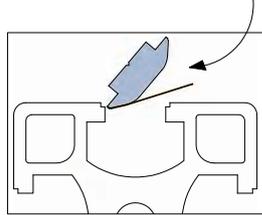
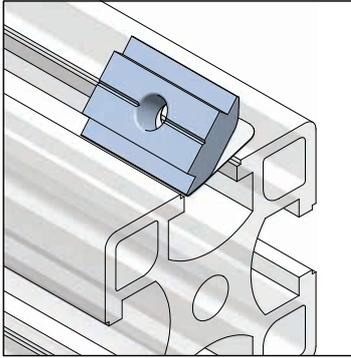


M10 half hex nut

Part Number: 427.01

used with 40 series profiles
material: mild steel, z/plated

spring nuts for 40 series profiles
slot nuts for 30 and 40 series profiles



typical application

can be inserted at any point in the profile slot

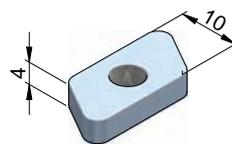
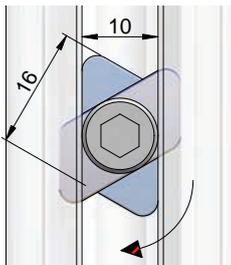
particularly suitable for additions into existing installations

used with 40 series profiles

M6 spring nut
Part Number: 428.66

M8 spring nut
Part Number: 428.88

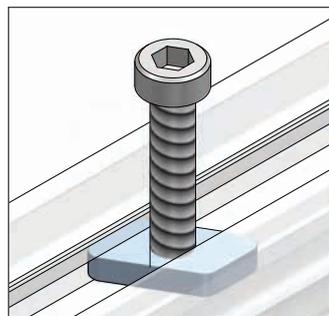
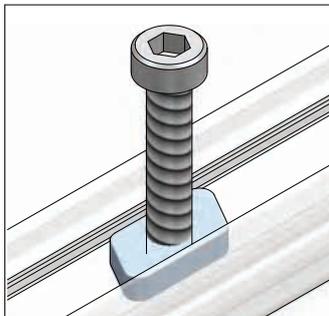
Material: mild steel, z/plated



M6 slot nut
Part Number: 426.16

M5 slot nut
Part Number: 426.15

Material: mild steel, z/plated



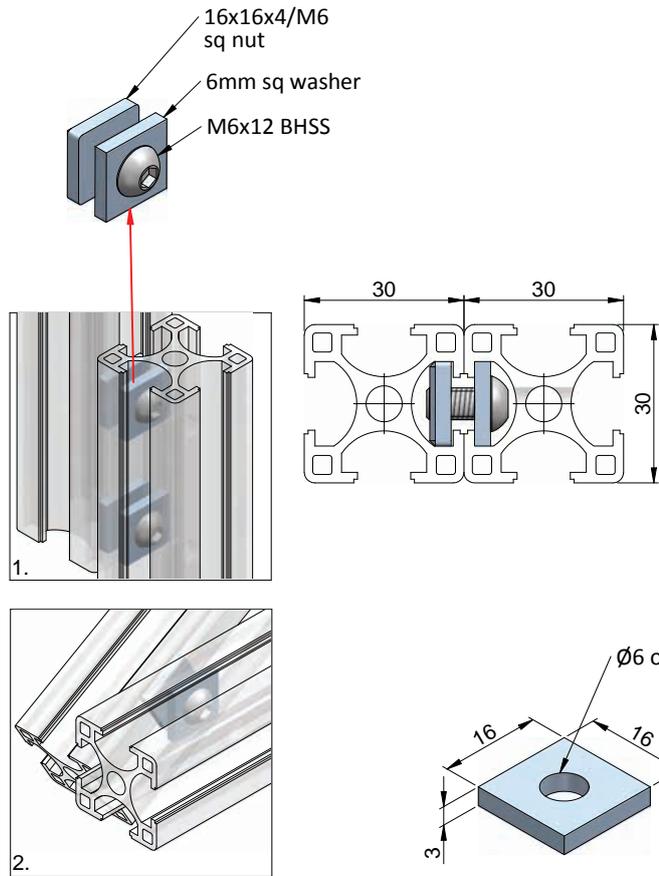
typical application

light duty fastener can be inserted at any point in the profile slot

particularly suitable for additions into existing installations

used with 40 and 30 series profiles

16x16x3 square washer
for 30 and 40 series profiles



typical application

suitable for 30 and 40 series profiles for face fastening (slots are facing each other), angled connection. right angled connection when square cut panels are used, for more details refer to page 97

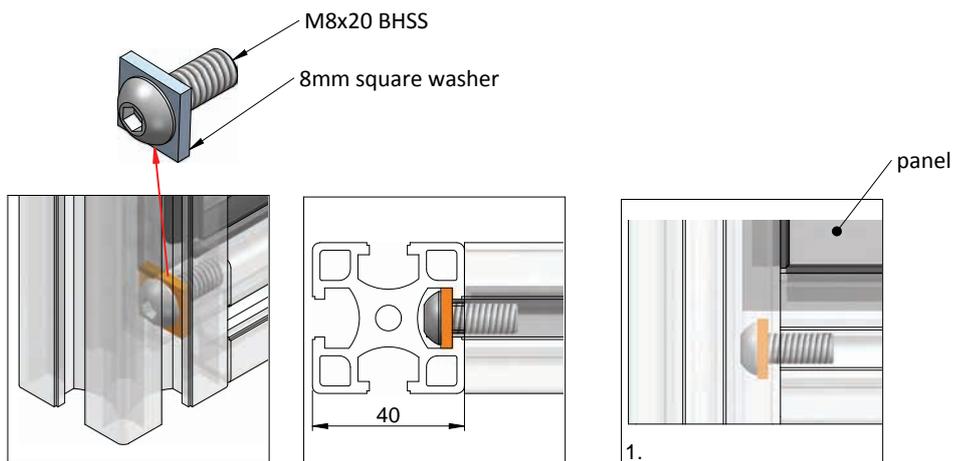
not suitable for heavier loads

6mm square washer
Part Number: 426.36

8mm square washer
Part Number: 426.38

material: 3mm mild steel, z/plated

- possible uses for 6mm square washer:
1. join 30x30 to 30x30 profile
 2. angled connection

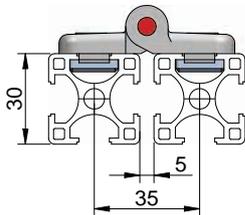
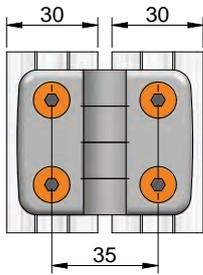
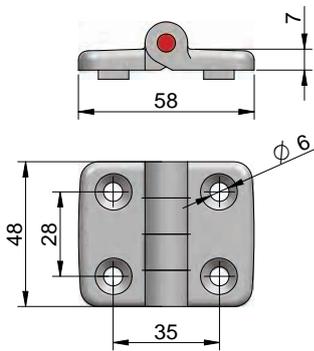
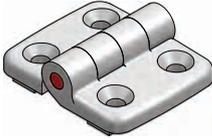


- possible uses for 8mm square washer:
1. 40x40 profiles with square cut panel for more details refer to page 97

nylon hinges
for 30 and 40 series profiles

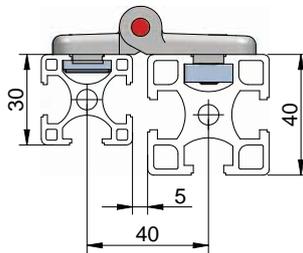
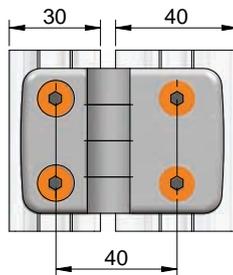
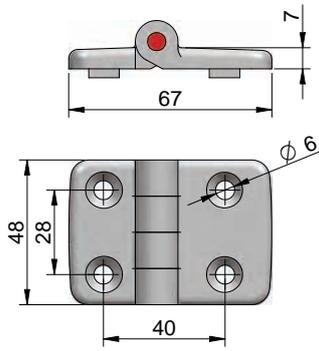
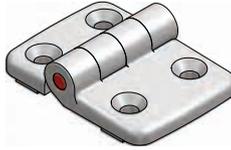
hinge 30/30
Part Number 388.33

non-detachable hinge
to suit 30 series profiles
Material: black nylon



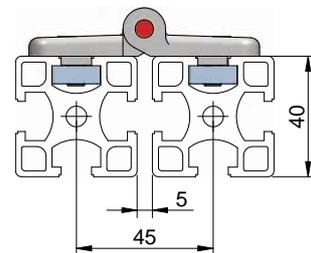
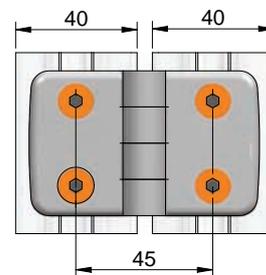
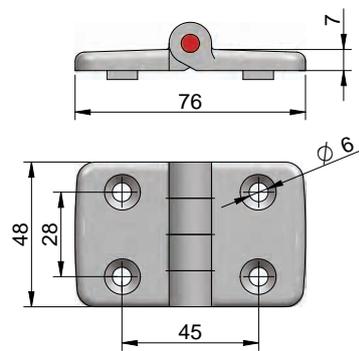
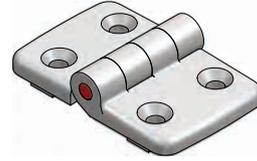
hinge 30/40
Part Number 388.34

non-detachable hinge
to suit 30 and 40 series profiles
Material: black nylon



hinge 40/40
Part Number 388.44

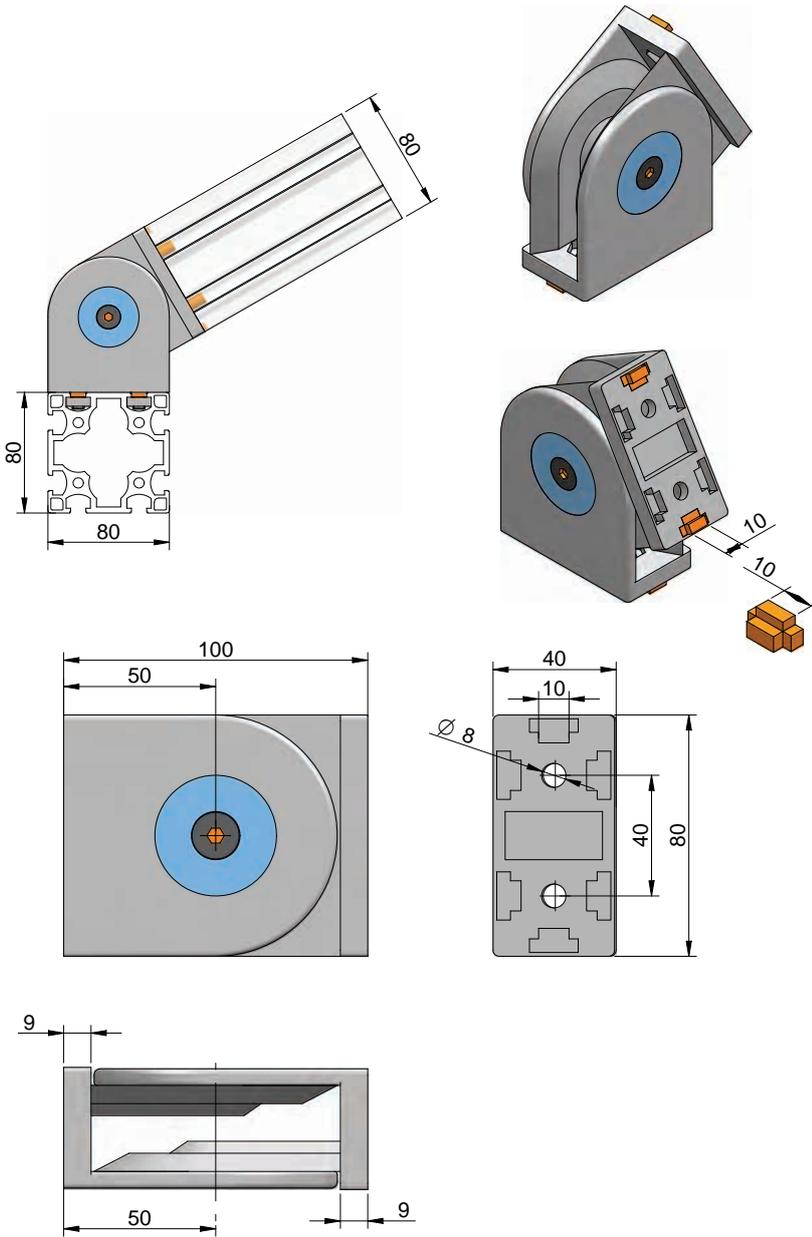
non-detachable hinge
to suit 40 series profiles
Material: black nylon



installation hints

M6x12 c/sunk screw for 30 series profiles
M6x16 c/sunk screws for 40 series profiles

heavy duty hinge 40x80
for 40 series profiles



heavy duty hinge 40x80
Part Number 373.91

for connecting profiles
at various angles, suits
40 series profiles
supplied with twelve
locating blocks

Material: Zn/cast

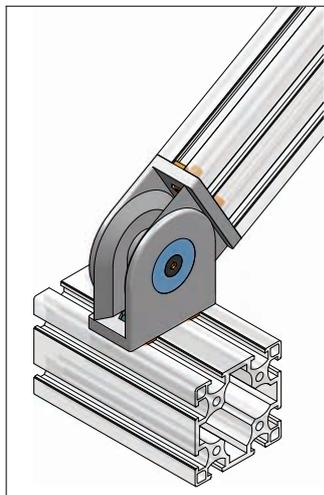
locating block
inserted into hinge base
according to aluminium
profile slot direction

six blocks for end profile
connection

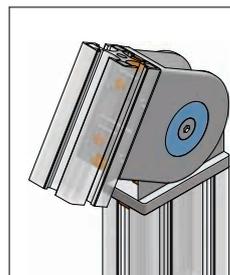
two or four blocks for
profile slot connection

possible uses:

1. 80x80 to 40x80 profile
2. 40x80 to 40x40 profile

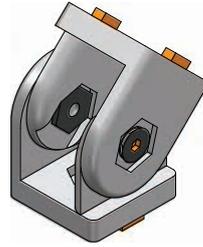
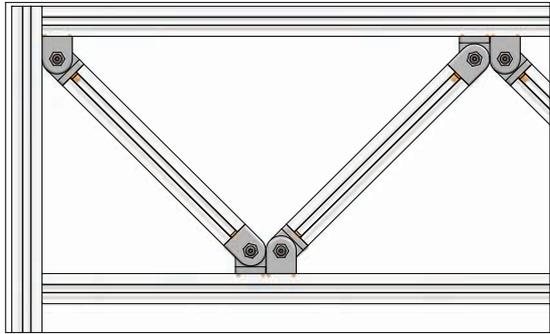


1.



2.

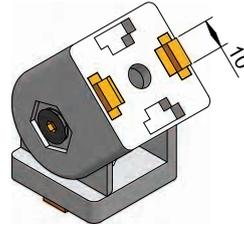
heavy duty hinge 40x40
for 40 series profiles



heavy duty hinge 40x40
Part Number 373.31

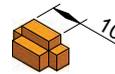
for connecting profiles
at various angles, suits
40 series profiles
supplied with eight
locating blocks

Material: Zn/cast



heavy duty hinge 30x30
Part Number 373.33

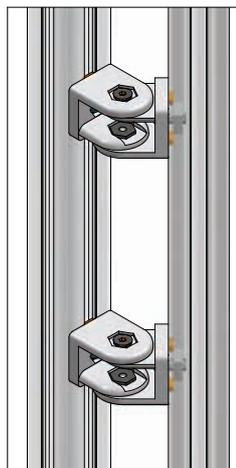
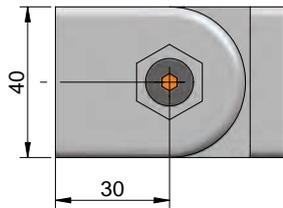
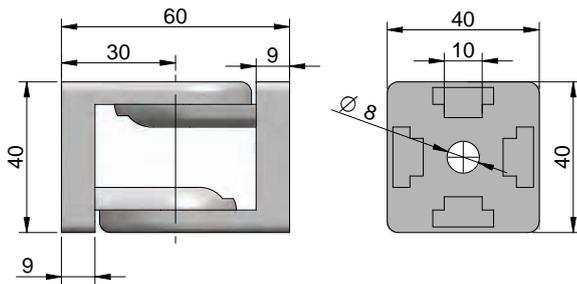
suits 30 series profiles



locating block
inserted into hinge base
according to aluminium
profile slot direction

four blocks for end
profile connection

two blocks for profile
slot connection

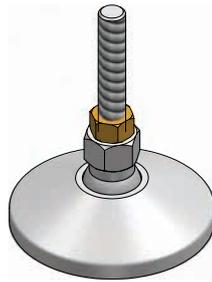
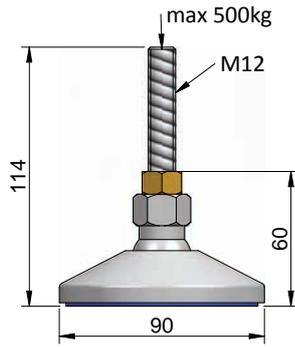


1.



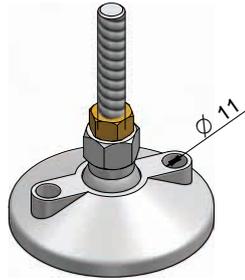
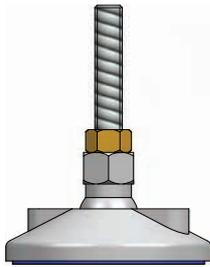
2.

possible uses:
1. heavy doors
2. swivel type arm



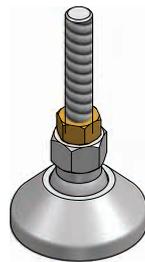
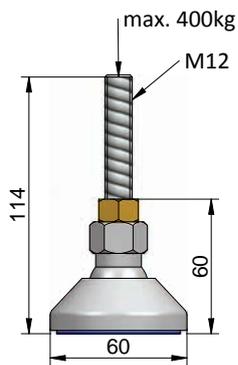
foot $\varnothing 90 \times M12$
Part Number: 560.90

swivel range: 20 deg.
max. load: 500kg



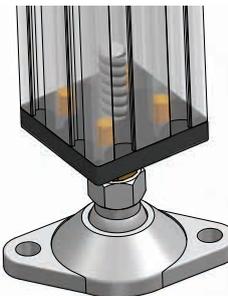
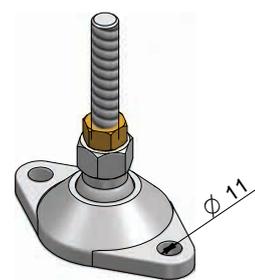
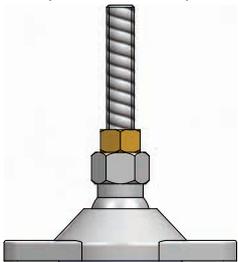
foot $\varnothing 90 \times M12$
with mounting holes
Part Number: 560.92

swivel range: 20 deg.
max. load: 500kg



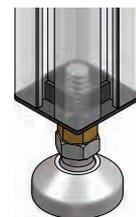
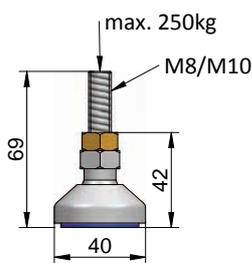
foot $\varnothing 60 \times M12$
Part Number: 560.60

swivel range: 20 deg.
max. load: 400kg



foot $\varnothing 60 \times M12$
with mounting holes
Part Number: 560.62

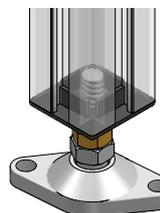
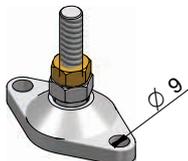
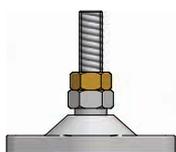
swivel range: 20 deg.
max. load: 400kg



foot $\varnothing 40 \times M10$
Part Number: 560.40

foot $\varnothing 40 \times M8$
Part Number: 560.43

swivel range: 20 deg.
max. load: 250kg

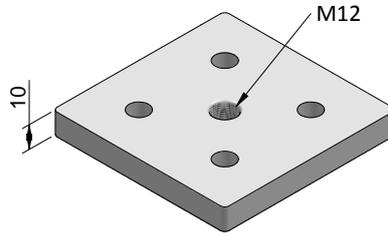
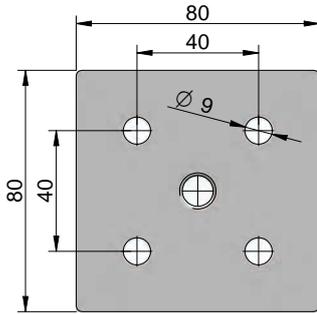


foot $\varnothing 40$ with mounting holes

foot $\varnothing 40 \times M10$
Part Number: 560.44

foot $\varnothing 40 \times M8$
Part Number: 560.46

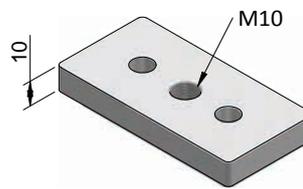
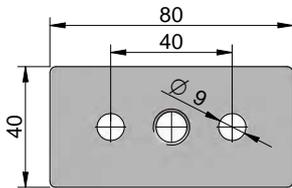
swivel range: 20 deg.
max. load: 250kg



foot plate 80x80
Part Number: 406.22

material: 10mm aluminium
finish: natural anodised

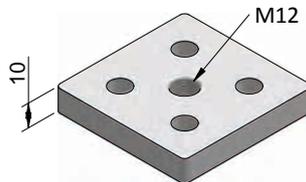
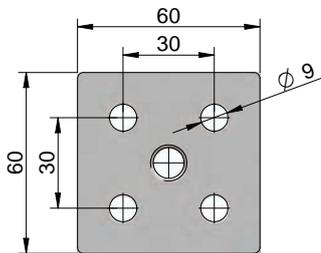
to suit 80x80 profile, for mounting feet or castors



foot plate 40x80
Part Number: 406.32

material: 10mm aluminium
finish: natural anodised

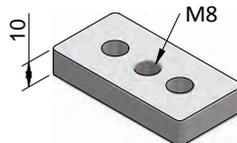
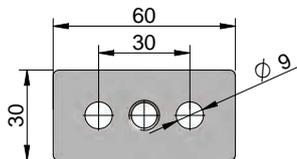
to suit 40x80 profile, for mounting feet or castors



foot plate 60x60
Part Number: 410.66

material: 10mm aluminium
finish: natural anodised

to suit 60x60 profile, for mounting feet or castors



foot plate 30x60
Part Number: 406.36

material: 10mm aluminium
finish: natural anodised

to suit 30x60 profile, for mounting feet or castors

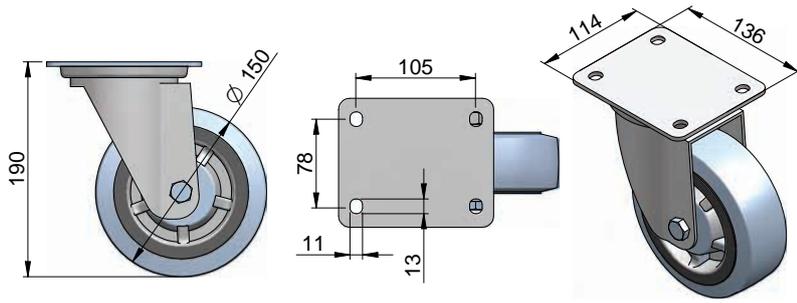


plate mount Ø150 wheel, swivel
Part Number: 470.15
470.16 with brake

load capacity: 240kg

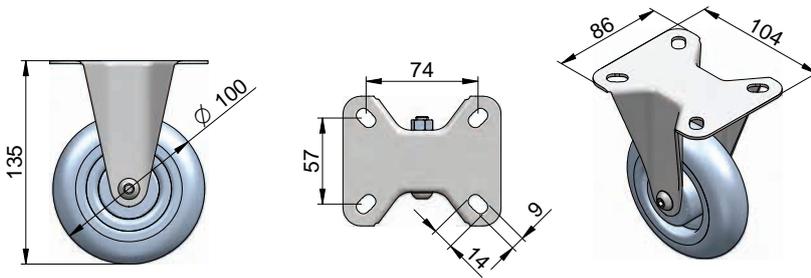


plate mount Ø100 wheel, fixed
Part Number: 470.30

load capacity: 85kg

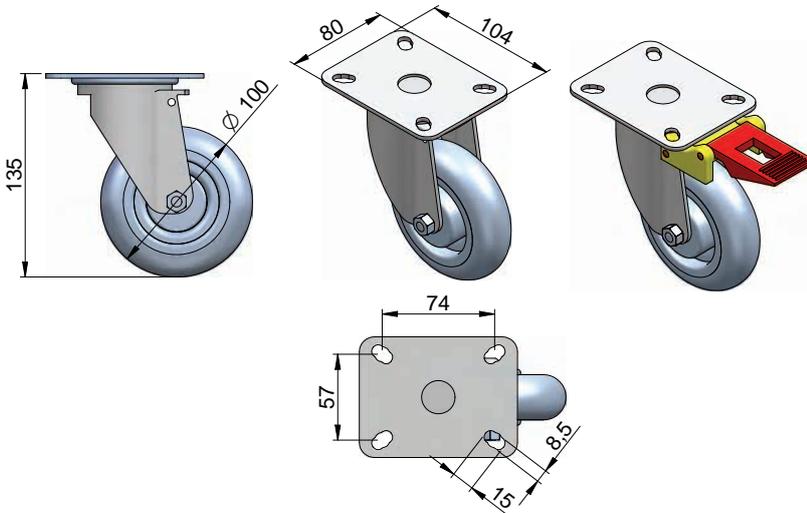
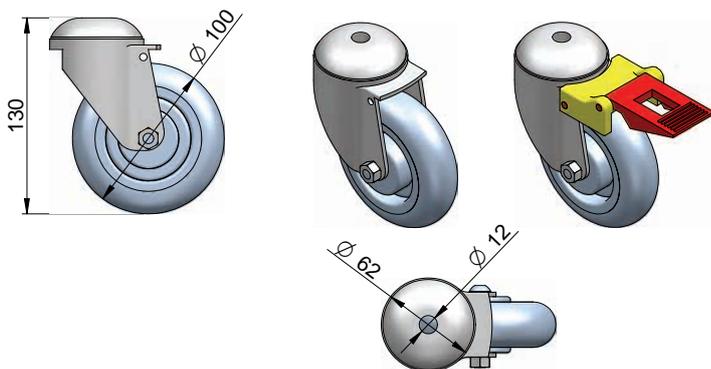


plate mount Ø100 wheel, swivel
Part Number: 470.40
470.41 with brake

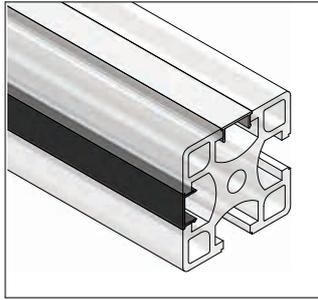
load capacity: 85kg



bolt mount Ø100 wheel, swivel
Part Number: 470.50
470.51 with brake

load capacity: 65kg

cover strip, end caps
cable duct with coextruded lid



application

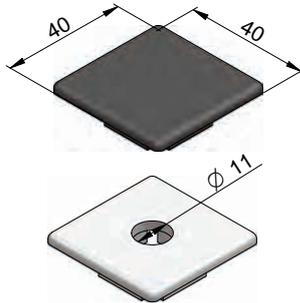
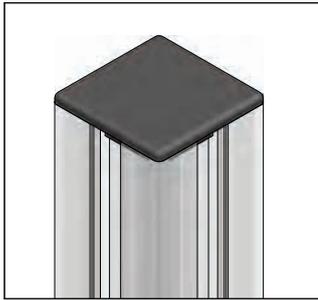
enhances the appearance of the finished installation

securing electrical cables and pneumatic tubes laid in the slot

cover strip - black
Part Number: 265.50

cover strip - grey
Part Number: 265.52

material: PVC rigid, max. L = 2000mm



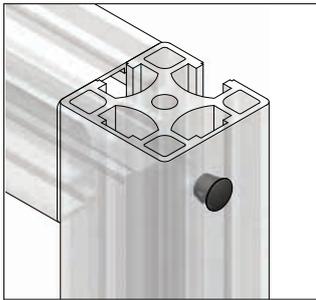
application

it is recommended to insert end caps to all exposed ends of profiles, including castors and levelling feet as a safety measure as sharp corners of profiles may cause injuries

end cap 30x30 (black or grey)
Part Number: 370.11

end cap 40x40 (black or grey)
Part Number: 370.12

material: PA 6 (black or grey)

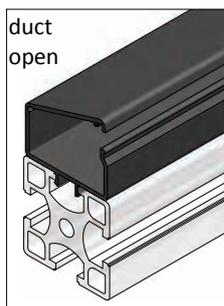
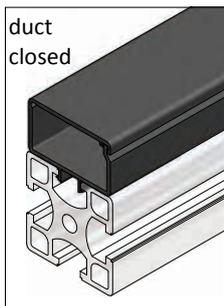


application

to cover access hole after profile connection

8mm plastic plug
Part Number: 265.52

material: PA 6 black
Please note: hole size to be 8mm



application

to house excess electrical cables or pneumatic tubes

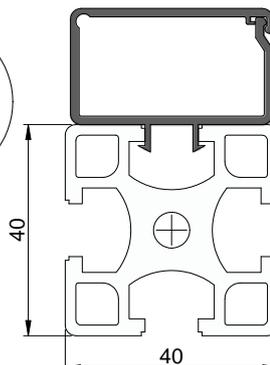
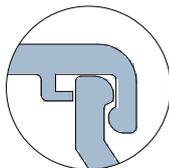
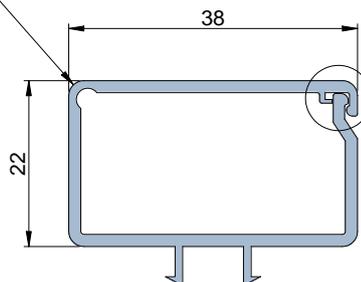
no tools required, just insert into slot

suitable for 30 and 40 series profiles

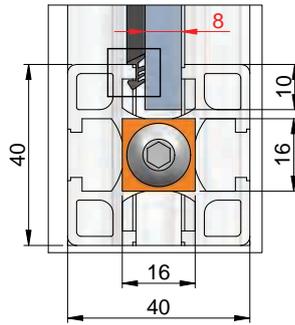
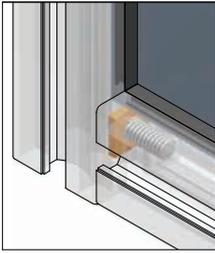
cable duct, black
Part Number: 265.80

material: rigid PVC with coextruded hinge
max. L=2000mm

coextruded hinge



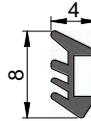
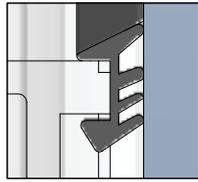
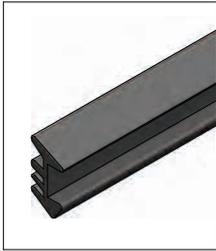
4 & 6mm rubber wedge
for 30 and 40 series profiles



typical application

for securing panel elements of 6 or 8mm thickness which are inserted into profiles slots, no adhesives required, just push into the slot.

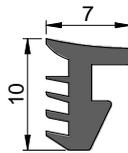
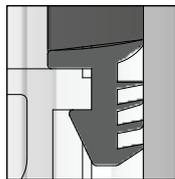
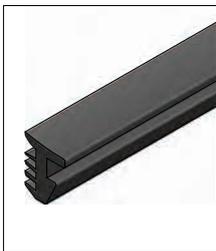
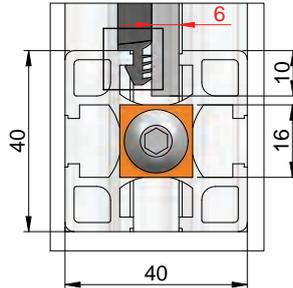
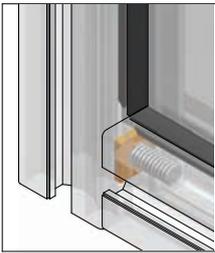
using lubricant such as soapy water is essential to ensure proper location of the wedge



rubber wedge 4mm
Part Number: 265.54

Material: synthetic rubber

used with **8mm** thick panels for 30 and 40 series profiles



rubber wedge 6mm
Part Number: 265.56

Material: synthetic rubber

used with **6mm** thick panels for 30 and 40 series profiles



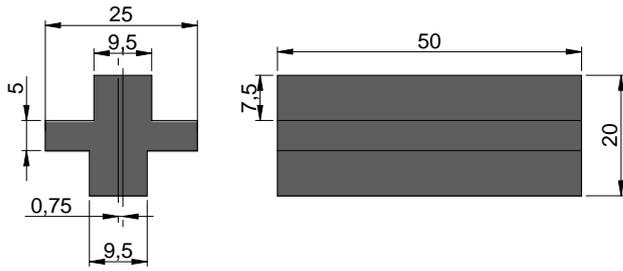
square washer connector

installation hints

use square washer connector if using square cut panels

1. panels size calculation for 40x40 series profiles:
inside frame size + 10mm each side
e.g. inside frame = 520x640, panels size: 540x660
2. panels size calculation for 30x30 series profiles:
inside frame size + 6mm each side
e.g. inside frame = 470x580, panels size: 482x592

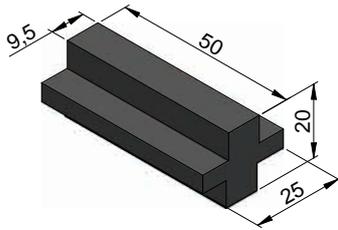
panel elements may need to be notched at their corners when other connectors are used



typical application

for construction of sliding doors used for horizontal or vertical installations with framed panel elements.

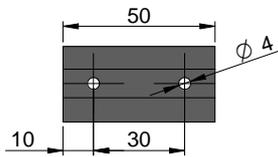
to be installed as per shown diagram and drawings below



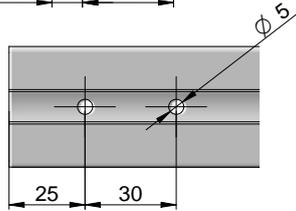
sliding block set
Part Number: 406.66

4 sliding block pieces
8 self-tapping screws

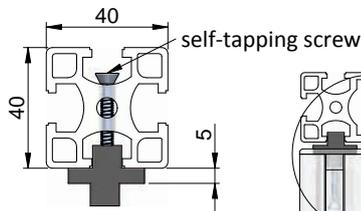
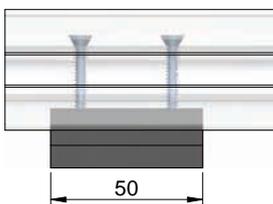
used with 40 & 30 series profiles



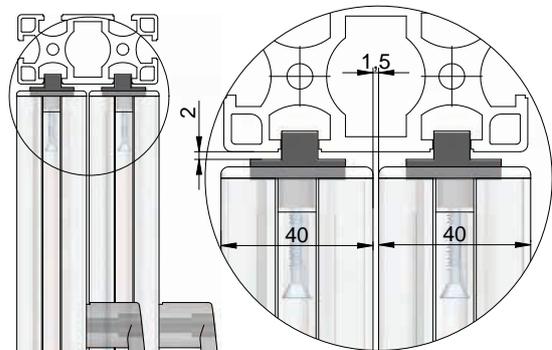
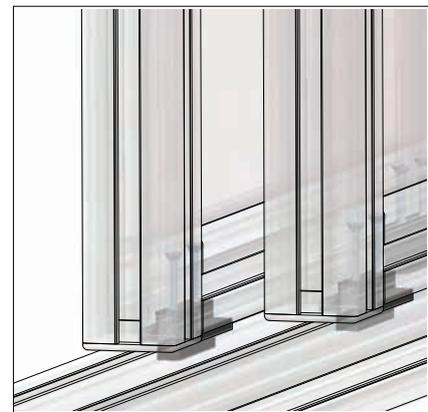
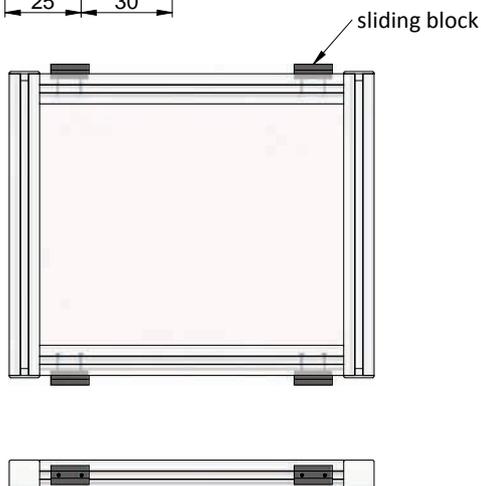
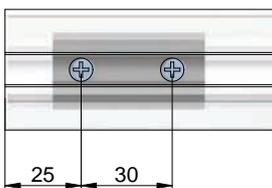
1. drill two 4mm holes in sliding block as shown



2. drill two 5mm holes on each end of aluminium profile as shown



3. tighten sliding block to aluminium profile using self-tapping screws



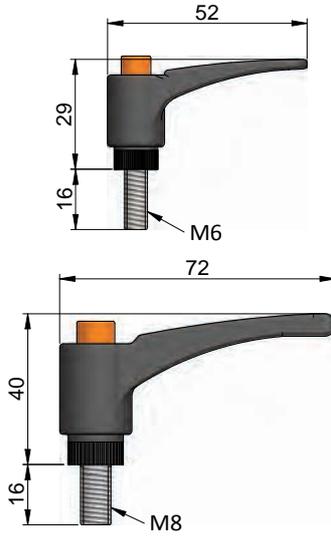
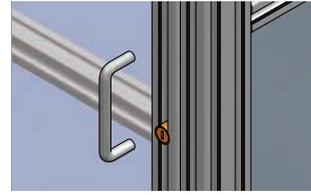
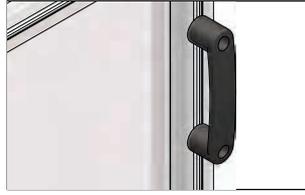
installation hint: for sliding block with offset guides

Ensure sliding door block are assembled facing inward direction both top and bottom rail.

Both sliding doors should be installed into frame with guides facing inwards to each other for 1.5mm clearance between door frames.

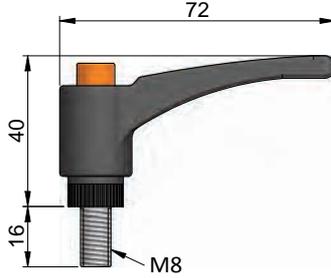
Allow minimum 2mm clearance for vertical height

adjustable handles
D - handles



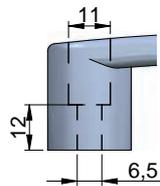
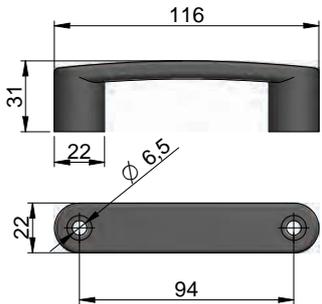
adjustable handle L52/M6x16
Part Number: 380.71

material: technopolymer



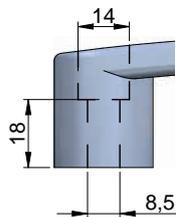
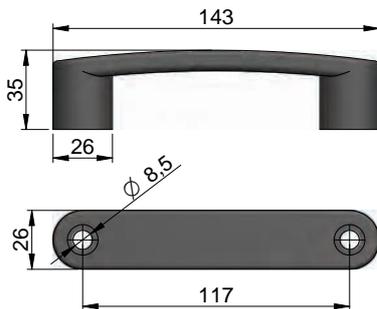
adjustable handle L72/M8x16
Part Number: 380.73

material: technopolymer



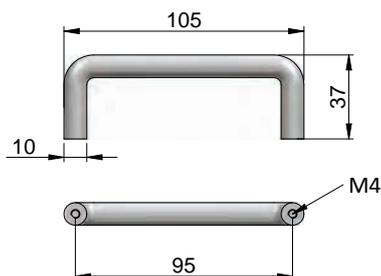
D - handle 110-6
Part Number: 382.16

material: technopolymer



D - handle 140-8
Part Number: 382.14

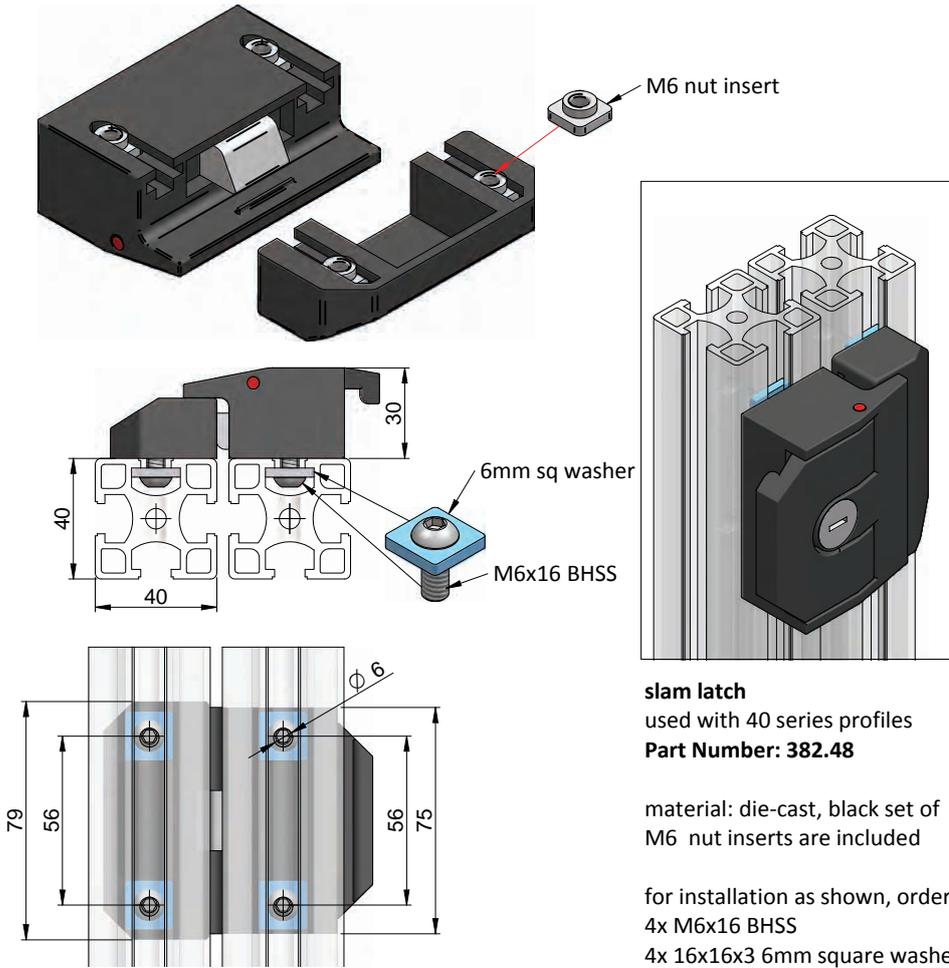
material: technopolymer



D - handle 105-4
Part Number: 382.12

material: stainless steel
suitable for solid panels

slam latch 40 series profiles
door lock 30 series profiles



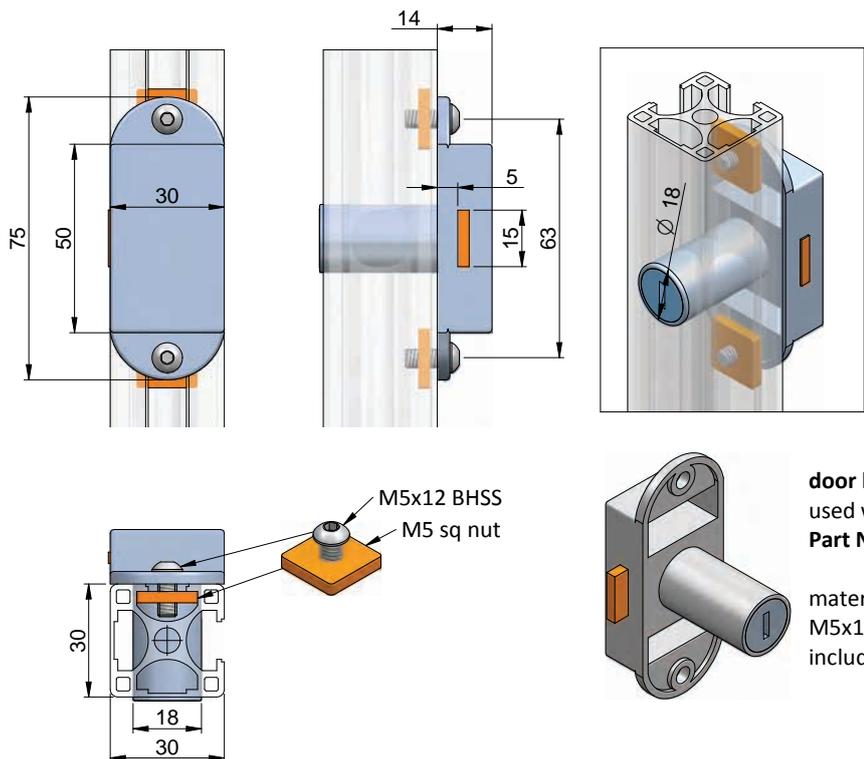
application
for locking and securing hinged doors, can be used for left-hand or right-hand installation
suitable for machine enclosures, fencing or cabinet doors

slam latch
used with 40 series profiles
Part Number: 382.48

material: die-cast, black set of
M6 nut inserts are included

for installation as shown, order:
4x M6x16 BHSS
4x 16x16x3 6mm square washers

drill access holes at 56mm pitch
as shown for slam latch installation



application
for locking and securing light duty hinged doors on computer enclosures or small cabinets

door lock
used with 30 series profiles
Part Number: 382.58

material: die-cast, chrome plated
M5x12 BHSS and sq nuts are included



grub socket screw

M6x10
M6x12
M6x16



socket head cap screw

M6x12
M6x30



button head socket screw

M5x10
M5x12
M5x16

M6x10
M6x12
M6x16

M8x12
M8x16
M8x20



hexagon head bolts

M8x12
M8x16
M8x20

M10x20
M10x25
M10x30



countersink head socket screw

M5x10
M5x12
M5x16

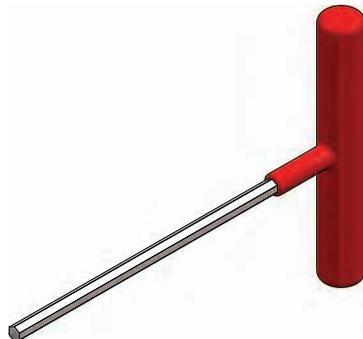
M6x10
M6x12
M6x16

M8x12
M8x16
M8x20



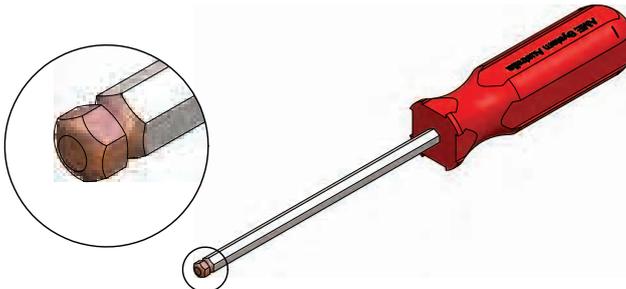
hexagon nut

M5
M6
M8
M10



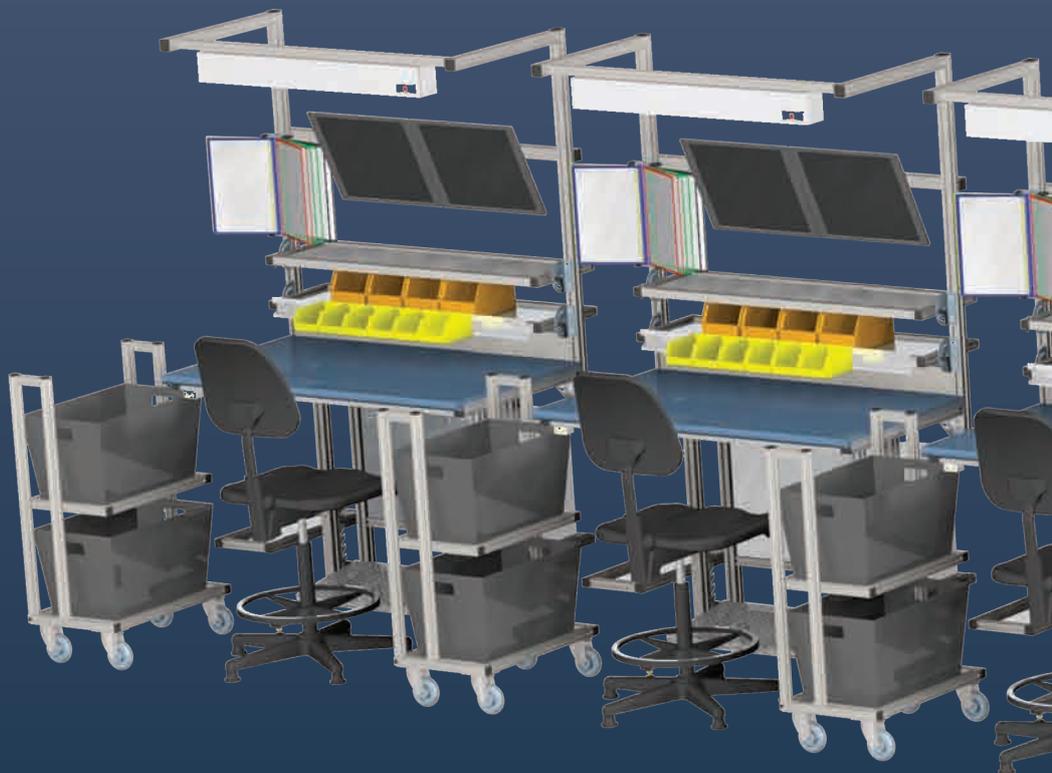
T wrench handle allen key

4mm
5mm
6mm



ball end driver allen key

3mm
4mm
5mm
6mm



AME System

Australian owned, designed and made

AME System Pty Ltd
ABN 85 061 261 603

3/4 Garden Road Clayton VIC 3168
Melbourne, Australia

Telephone +613 9574 8044
Facsimile +613 9574 8744

Email sales@amesystem.com.au
www.amesystem.com.au



Errors and rights reserved to modify or change content/dimensions/specifications without prior notice. Copy or reprinting of any kind is prohibited.
© Copyright 2008 AME System Pty Ltd