

multirack extrusion system

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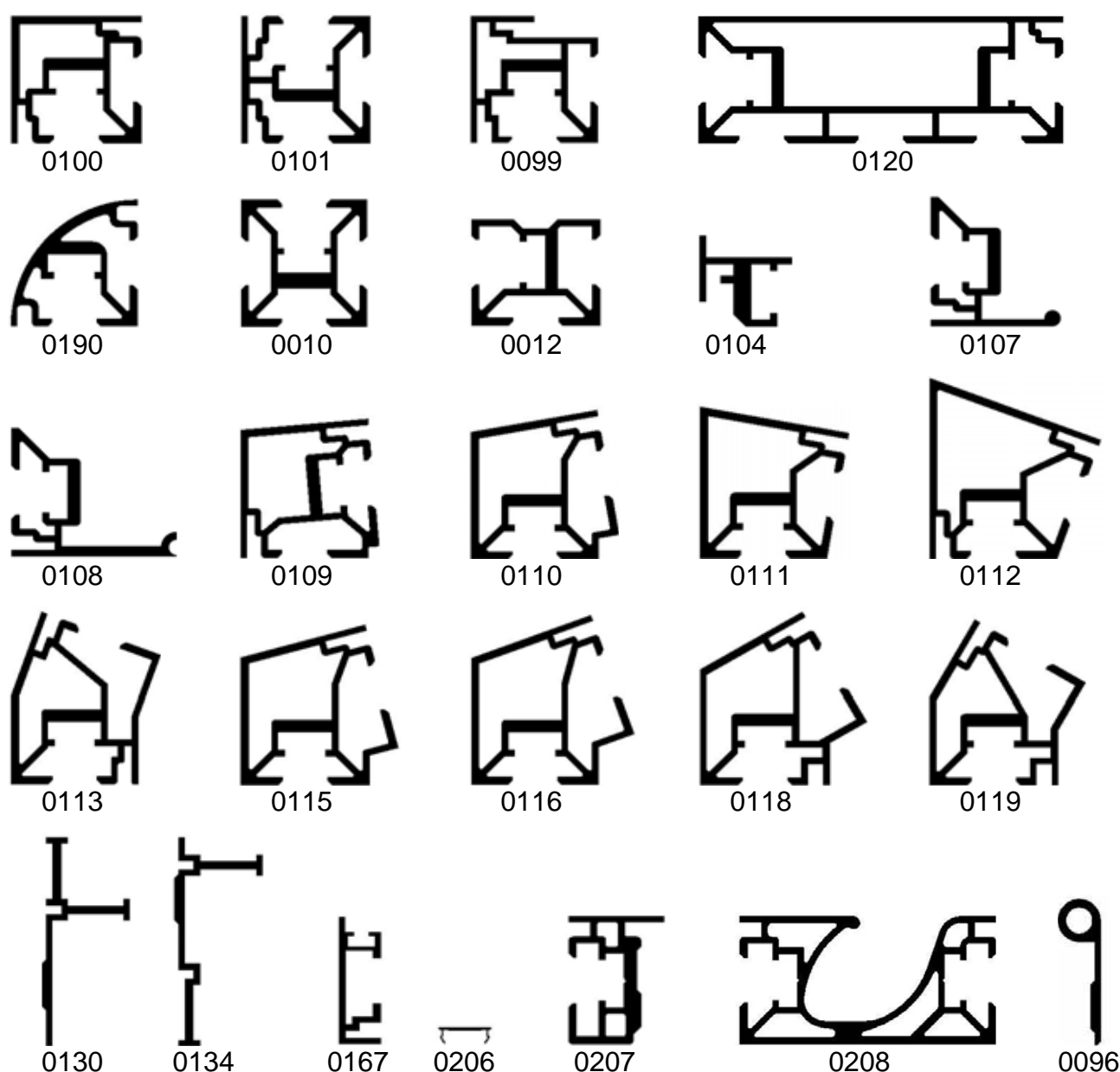
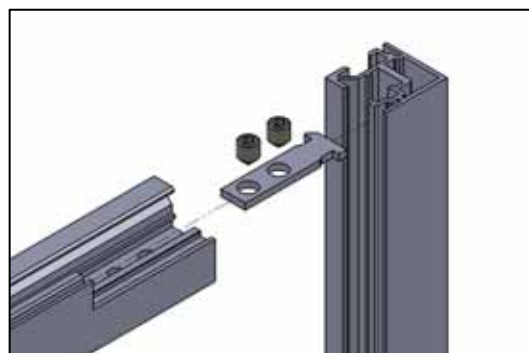
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multirack-extrusions

Overview and technical data for aluminium extrusions

material:	AlMgSi 0.5 F22	
EN AW	6060	
DIN 1725	3.3206.71	
surface finish:	E6/EV1 clear anodized	
tensile strength:	Rm in N/mm ²	215
0,2% elastic limit:	Rp 0,2 in N/mm ²	160
failure strain:	A5 in %	12
	A10 in %	10
Brinell hardness:	HB 2,5 / 62,5	70
Warm extruded		
length:	max. 5.100 mm	



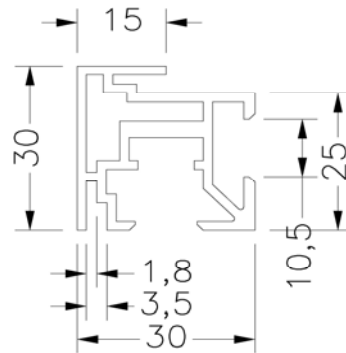
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EHMKI, SCHMID & CO. Mechanische Systeme GmbH

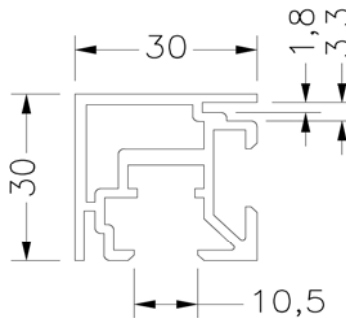
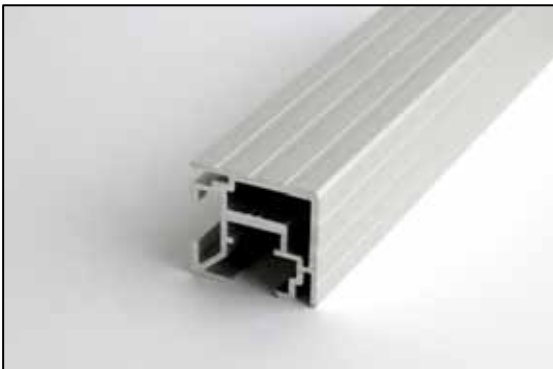
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product group 01
multitrack-extrusions

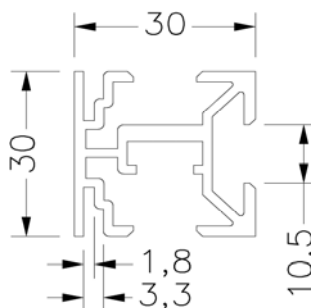
article no.	description	unit
01-0099-0000	door frame extrusion	m



article no.	description	unit
01-0100-0000	main frame extrusion	m



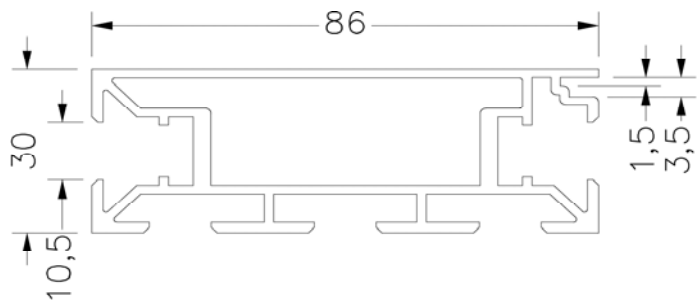
article no.	description	unit
01-0101-0000	front extrusion	m



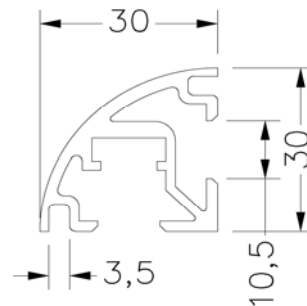
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product group 01
multitrack-extrusions

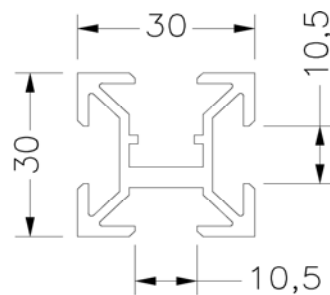
article no.	description	unit
01-0120-0000	pedestal extrusion	m



article no.	description	unit
01-0190-0000	softline extrusion quarter circle	m



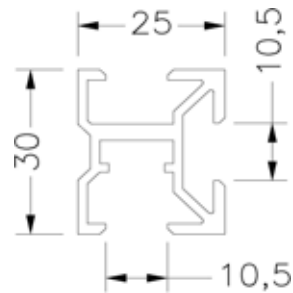
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01-0010-0000	universal extrusion	m



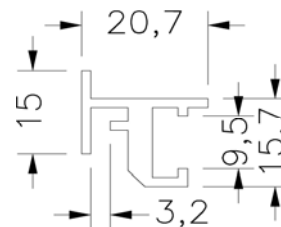
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product group 01
multirack-extrusions

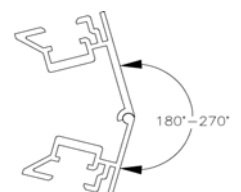
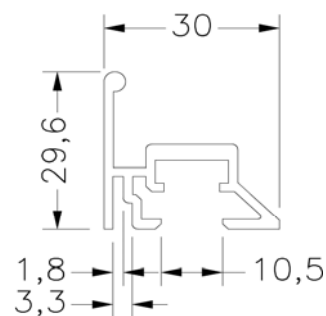
article no.	description	unit
01-0012-0000	variant extrusion	m



article no.	description	unit
01-0104-0000	small frame extrusion	m



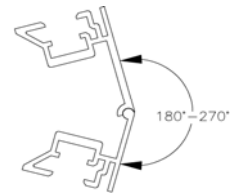
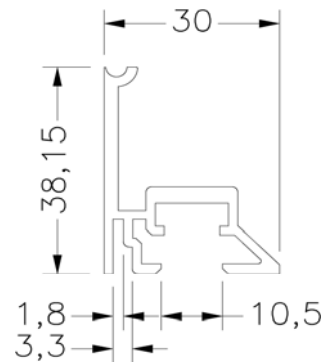
article no.	description	unit
01-0107-000	flexible angle extrusion male	m



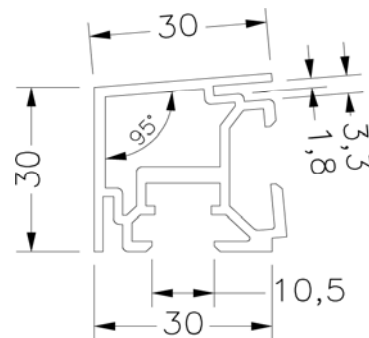
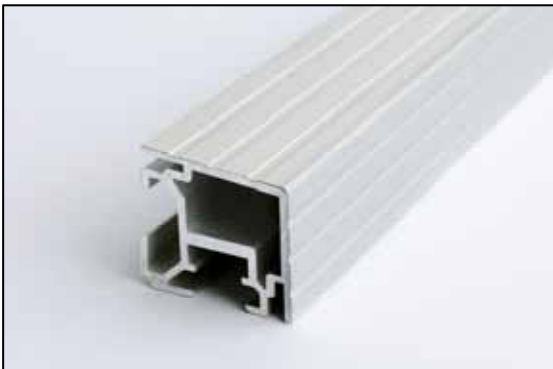
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product group 01
multirack-extrusions

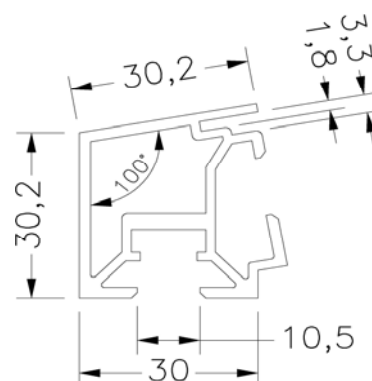
article no.	description	unit
01-0108-0000	flexible angle extrusion female	m



article no.	description	unit
01-0109-0000	angle extrusion 95°	m



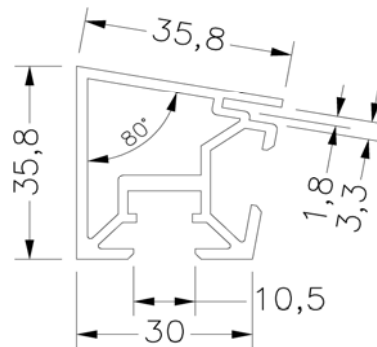
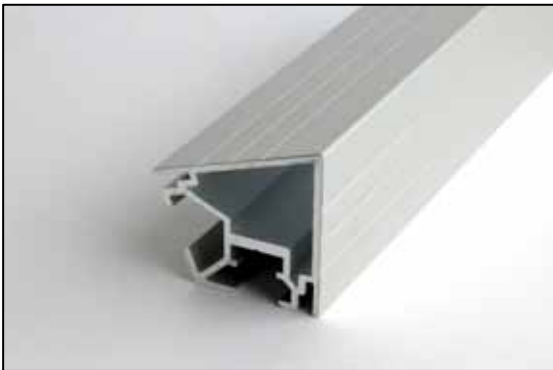
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01-0110-000	angle extrusion 100°	m



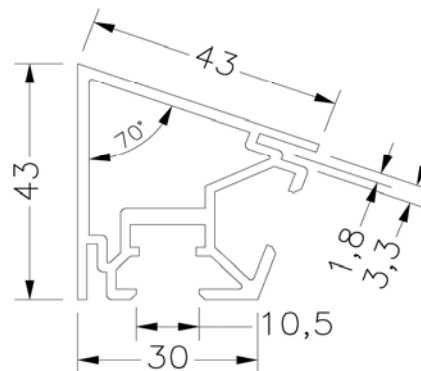
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product group 01
multitrack-extrusions

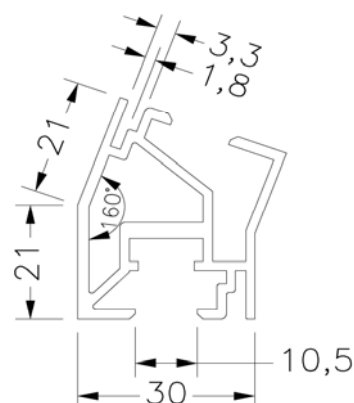
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01-0111-0000	angle extrusion 80°	m



article no.	description	unit
01-0112-0000	angle extrusion 70°	m



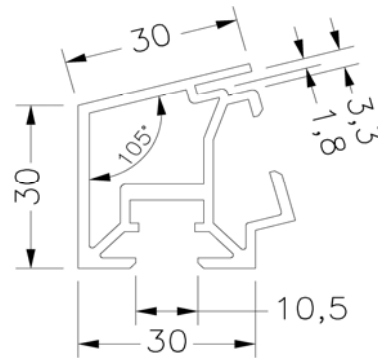
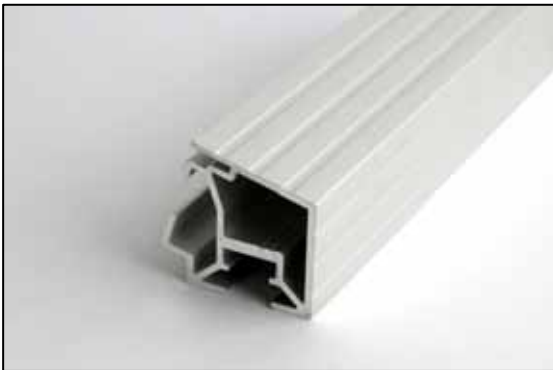
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01-0113-0000	angle extrusion 160°	m



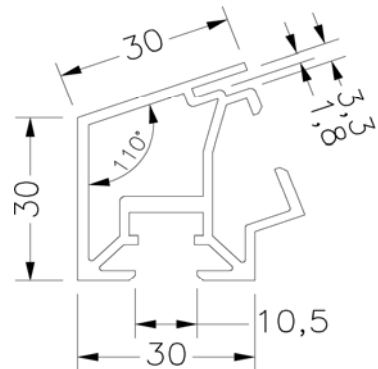
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product group 01
multirack-extrusions

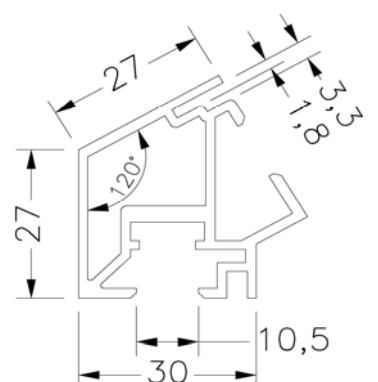
article no.	description	unit
01-0115-0000	angle extrusion 105°	m



article no.	description	unit
01-0116-0000	angle extrusion 110°	m



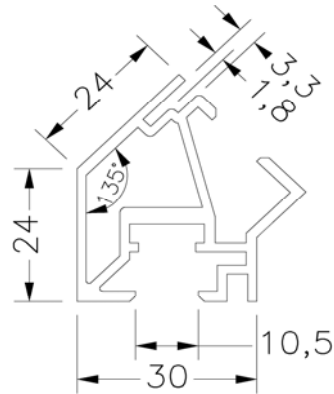
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01-0117-0000	angle extrusion 120°	m



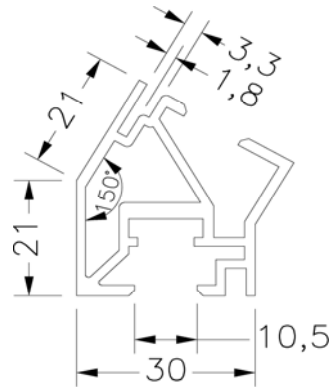
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product group 01
multitrack-extrusions

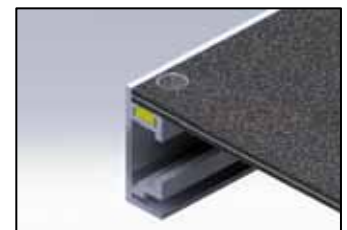
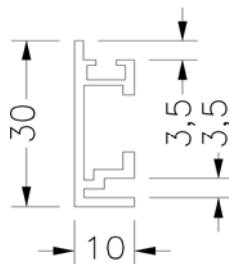
article no.	description	unit
01-0118-0000	angle extrusion 135°	m



article no.	description	unit
01-0119-0000	angle extrusion 150°	m



article no.	description	unit
01-0167-0000	support extrusion	m

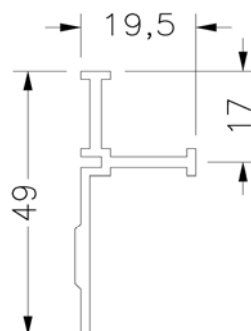


see chapter 03 accessories for nuts

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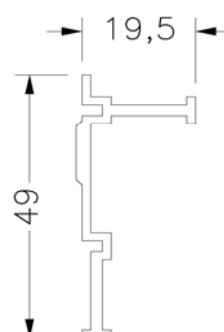
product group 01
multirack-extrusions

article no.	description	unit
01-0130-0000	19" mounting extrusion - recessed	m



see chapter 03 accessories for 19" mounting gear

article no.	description	unit
01-0134-0000	19" mounting extrusion - flush fronted	m

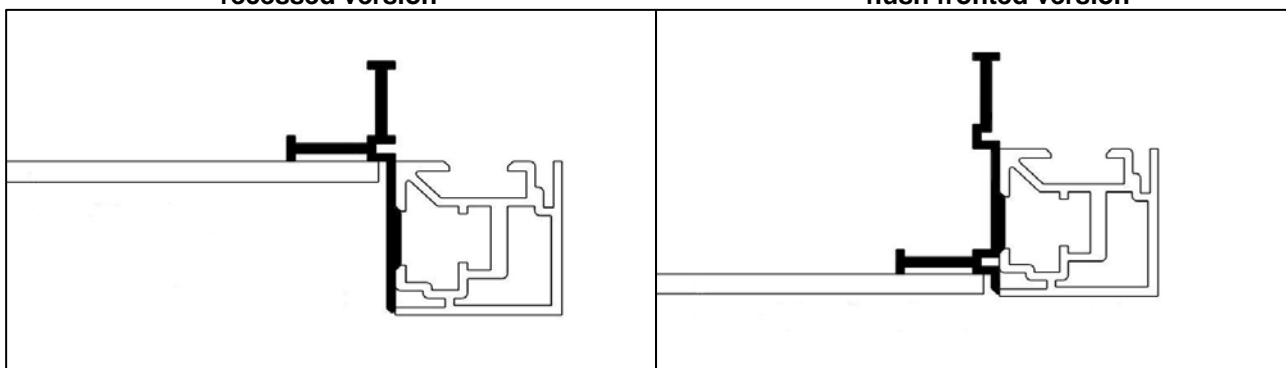


see chapter 03 accessories for 19" mounting gear

Illustration - modes of fixing to extrusion 0100

recessed version

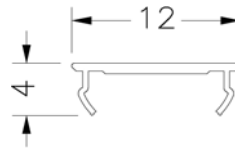
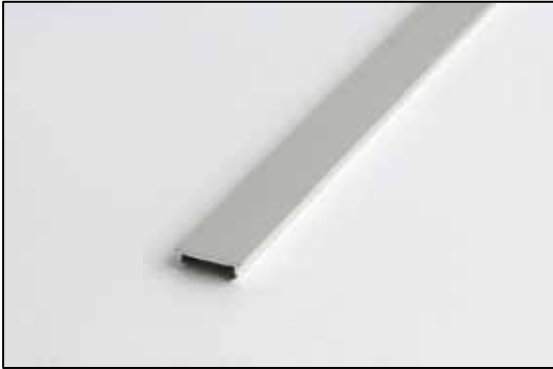
flush fronted version



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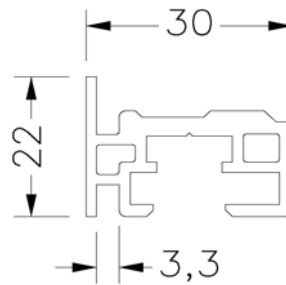
product group 01
multirack-extrusions

article no.	description	unit
01-0206-0000	groove cover, anodized aluminium	m

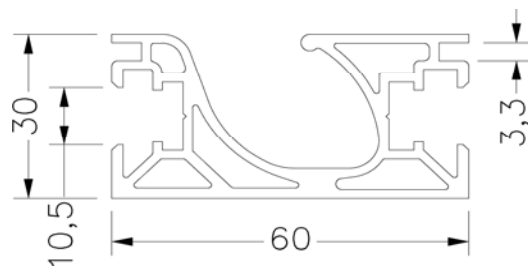


fits 10 mm groove

article no.	description	unit
01-0207-0000	large frame extrusion	m



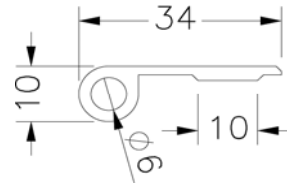
article no.	description	unit
01-0208-0000	handle strip	m



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product group 01
multirack-extrusions

article no.	description	unit
01-0096-0000	hinge extrusion	m



see chapter 03 accessories for complete hinge sets

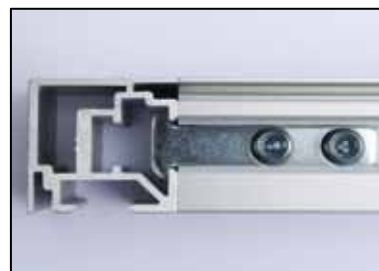
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double bore connector
flat standard connector for
90° butt joints
dim.: 12 x 48 x 3 mm
steel, zinc-plated

article no.

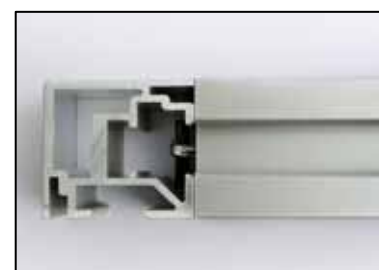
02-0510-0102



double bore connector vertical
for butt joints, head rotated 90°
angles up to 10°
dim.: 12 x 49 x 3 mm
steel, zinc-plated

article no.

02-0530-0102



quadruple bore corner connector 550
horizontal connector, 4 bores
for 45° mitre joints
dim.: 12 x 48 x 48 x 3 mm
steel, zinc-plated

article no.

02-0550-2204



quadruple bore corner connector 560
vertical connector, 4 bores
for 45° mitre joints
dim.: 12 x 62 x 62 x 3 mm
steel, zinc-plated

article no.

02-0560-0204



aux. connector
anchoring unit for mounting a lid
at an angle in connection with
hinged connector 02-0590-1102 / 2102
dim.: 16,5 x 22 x 3 mm
steel, zinc-plated

article no.

02-0570-0100





double bore hinged connector left
with hinged head, for butt joints
dim.: 12 x 48 x 3 mm
steel, zinc-plated

article no.
02-0590-1102



double bore hinged connector right
with hinged head, for butt joints
dim.: 12 x 48 x 3 mm
steel, zinc-plated

article no.
02-0590-2102



quadr. bore hinged connector
flat, hinged connector for joining two
sections at any angle
dim.: 12 x 85 x 3 mm
steel, zinc-plated

article no.
02-0600-0204



quadr. bore hinged connector vertical
vertical, hinged connector for joining two
sections at any angle
dim.: 12 x 104 x 3 mm
steel, zinc-plated

article no.
02-0601-0204



longitudinal connector
for extending sections
dim.: 12 x 90 x 3 mm
steel, zinc-plated

article no.
02-0604-0104





lid connector left

allows mounting lids (45 ° mitre cut) to supports

dim.: 12 x 47 x 47 x 57,5 x 3 mm

steel, zinc-plated

article no.

02-0609-0303



lid connector right

allows mounting lids (45 ° mitre cut) to supports

dim.: 12 x 47 x 47 x 57,5 x 3 mm

steel, zinc-plated

article no.

02-0609-1303



rounded corner connector, left

for mounting three Softline sections at 90° angles, in connection with corner cap, round

dim.: 12 x 85 x 3 mm

steel, zinc-plated

article no.

02-0610-1306



rounded corner connector, right

for mounting three Softline sections at 90° angles, in connection with corner cap, round

dim.: 12 x 85 x 3 mm

steel, zinc-plated

article no.

02-0610-2306



corner cap, round

aluminium, clear anodized

covering cap, in connection with Softline section 01-0190-0000

dim.: 41 x 41 x 41 x 2 mm

article no.

02-0610-4000

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custom grub screw for connectors
with hexagon socket SW 4, M8 x 1
for all multirack connectors
steel, zinc-plated
packing unit: 100 pcs.

article no.

02-0700-8009



plate connector
steel, powder-coated or zinc-plated
dim.: 50 x 30 x 2.5 mm
packing unit: 10 pcs.

article no.

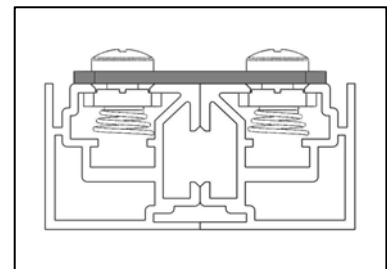
02-0629-5030



plate connector, set
1x plate connector, steel, powder-coated or zinc-plated
dim.: 50 x 30 x 2.5 mm
2x slot nut 03-0441-4000
2x filister head screw M6x8 DIN 7985

article no.

02-0630-5530



ratchet wrench 1/4"
length: 140 mm
max. force: 78 Nm

article no.

02-3000-0000



ratchet insert, hexagonal, SW 4
fits grub screw

article no.

02-3001-0000

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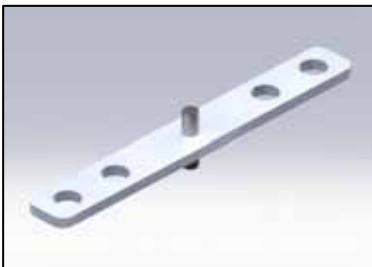
screwdriver, hexagonal head

SW 4. fit grub screw

length: 198 mm

article no.

02-3100-0000



drilling jig 510, hardened steel

for connectors:

02-0510-0102; 02-0530-0102;

02-0550-2204; 02-0590-1102/ -2102;

02-0600-0204; 02-0604-0107;

02-0609-0303/ -1303

article no.

02-5100-0000



drilling jig 570, hardened steel

for connector:

02-0510-0102 in connection with

aux. connector 02-0570-0100

article no.

02-5700-0000



abrasive sponge

removes dirt and shallow scratches
on aluminium without damaging the
surface

article no.

02-6000-0001



cleaning liquid for anodized surfaces

article no.

02-7000-0001

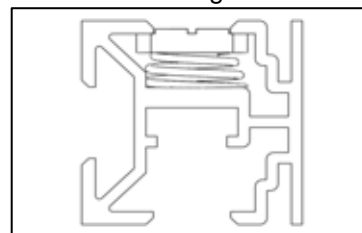
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slot nut M4 K / M6 K with spring
slot nut 15 x 10 x 5 mm
M4 / M6, steel, zinc-plated
with short spring for shallow grooves
packing unit: 50 pcs.

article no.		
03-0441-4000	M4	
03-0461-6000	M6	

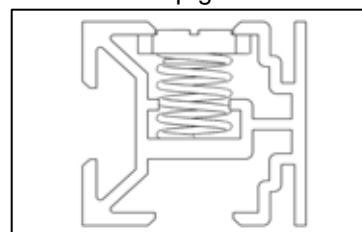
for shallow grooves



slot nut M4 L / M6 L with spring
slot nut 15 x 10 x 5 mm
M4 / M6, steel, zinc-plated
with long spring for deep grooves
packing unit: 50 pcs.

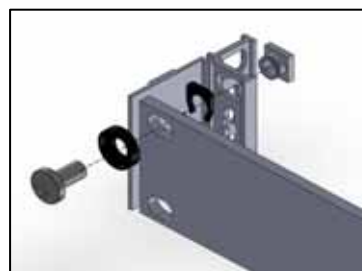
article no.		
03-0442-4001	M4	
03-0462-6001	M6	

for deep grooves



19" mounting set
1x special nut M6, 03-0504-0610
1x plastic clip, 03-0506-1201
1x flat washer, 03-0508-0614
1x filister head screw M6x12, DIN 7895
packing unit: 10 pcs.

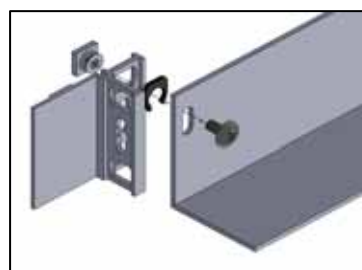
article no.		
03-0519-1900		



guide rail mounting set
1x special nut M4, 03-0503-0410
1x plastic clip, 03-0506-1201
1x special screw M4x8, DIN

packing unit: 10 sets

article no.		
03-0520-2240		



special nut M6
steel, zinc-plated
SW 10, M6 (10 x 10 x 6 mm)

packing unit: 100 pcs.

article no.		
03-0504-0610		

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special nut M4
steel, zinc-plated
SW 10, M4 (10 x 10 x 6 mm)

packing unit: 100 pcs.

article no.

03-0503-0410



plastic clip
for fixing special nuts to 19" sections
01-0130-0000 or 01-0134-0000

packing unit: 100 pcs.

article no.

03-0506-1201



flat washer
plastic washer for chees head screws
Ø12 mm, M6
standard colour: black

packing unit: 100 pcs.

article no.

03-0508-0614



threaded strip M3, 3TE
for support section 01-0167-0000
grid unit 5,08 = TE
steel, zinc-plated

packing unit: 100 pcs.

article no.

03-0750-3003



fixing aid, PA ring
ext. Ø 9, int. Ø 6, width 2 mm
Compressable 3-9 mm
low-grip PA rings for securing
threaded strips in place

packing unit: 100 pcs.

article no.

03-0699-0502

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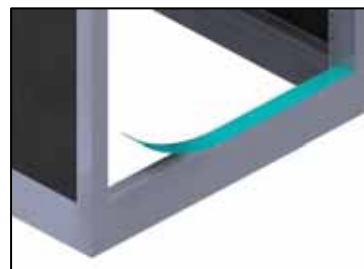




cover strip, aluminium anodized
dim.: 489 mm x 30 mm x 0,8 mm
adhesive

article no.

03-0837-1900



caps, quarter circle
aluminium, clear anodized,
covers Softline section
01-0190-0000
(pair - one left, one right)

article no.

03-0832-3030



cap, square
aluminium, clear anodized,
covers all square sections
corners rounded
per piece

article no.

03-0830-3030

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and prices subject to change. Issue: June 2013



support angle bracket

dim.: 20 x 15 x 18 x 2 mm

bore: 4.5 x 8 mm

packing unit: 10 pcs.

article no.

03-0809-3002



aluminium angle bracket

dim.: 30 x 25 x 30 x 3 mm

bores: 5 x 15 mm

packing unit: 10 pcs.

article no.

03-0814-5006



brace

steel, surface varies by lot

dim.: 80 x 80 x 25 x 2 mm

article no.

03-0986-0002



grounding set M6

1x slot nut M6 K, 1x grub screw with point M6 x 30, 1x mudguard washer 6,4x20x1,25; 1x mudguard washer 6,4x15x1,6; 1x M6 nut with toothed lock washer, grounding wire not included

article no.

03-0535-0000



grounding wire, flat, 1 side with plug

length: 180 mm, M6
cross section: 2,26 mm²
other lengths available on request

article no.

03-0540-0180



grounding wire, flat, fixed

length: 180 mm, M6
cross section: 2,26 mm²
other lengths available on request

article no.

03-0541-0180



grounding rail

includes:

grounding rail, copper E-Cu - EN 13601
30 x 5 mm, length: 250 mm,
sockets with screw M6, 2 isolators
mounting material

article no.	Abmaße
03-0550-0250	length: 250 mm 4 sockets
03-0550-0251	length: 420 mm 8 sockets
03-0550-0252	length: 550 mm 11 sockets

All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013



door hinges, complete sets

set includes: 1x hinge arm with 2 Ø 4,5 mm bores for screws, clear anodized, 1x hinge arm with 2 Ø 4,2 mm bores for bolts, clear anodized, 1x pivot Ø 6 mm, zinc-plated, length 98 mm, 44 of which are knurled, 2x slot nut M4 K 03-0441-4000, 2x flathead screw M4x8 DIN 965; 2x bolts 3,2 x 8 aluminium

All sets contain the same number of parts, but differ in details depending on whether the hinges are to be mounted left or right, and whether the door is of inset or overlay type. 2 sets are sufficient for doors up to 1 m in height, taller doors require 3 sets. Where bolting isn't possible or desirable, both hinge arms can be fixed with screws.



hinge set
inset door, hinges at the right

article no.
03-0850-0000



hinge set
inset door, hinges at the left

article no.
03-0850-0001



hinge set
overlay door, hinges at the right

hinge set
03-0850-1000



hinge set
overlay door, hinges at the left

article no.
03-0850-1001



All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013

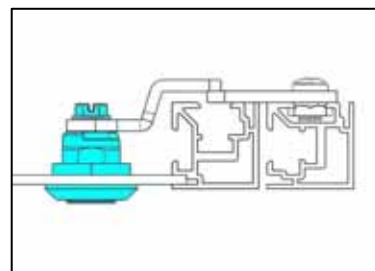


cam lock with key

disk tumbler cam lock, rotates either way
includes only base with retaining ring
and key, different types of cam sold
separately

article no.

03-0118-0000

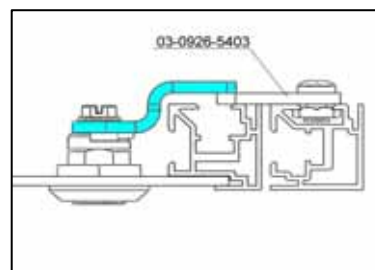


standard offset cam

material: steel, zinc-plated
H=32, L=46
door stop sold separately
article no. 03-0926-5403

article no.

03-0119-0000

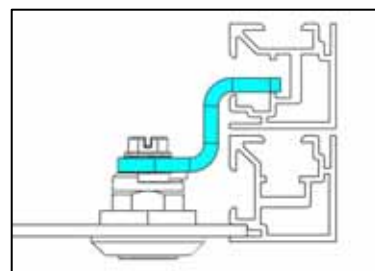


double offset cam

material: steel, zinc-plated
H=40, L=32

article no.

03-0120-0000

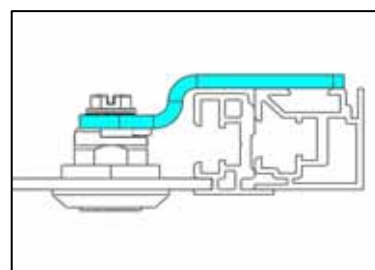


standard offset, long cam

steel, zinc-plated
H=32, L=59

article no.

03-0121-0000

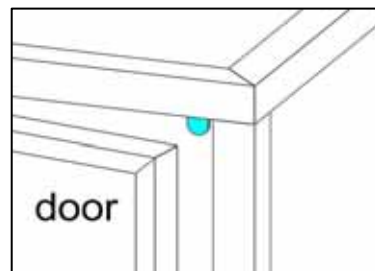


door stop

steel, zinc-plated
dim.: 48 x 15 x 3 mm

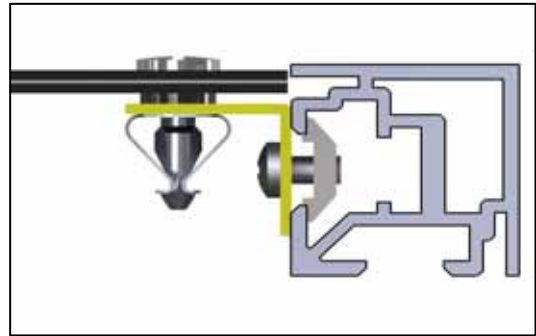
article no.

03-0860-0000



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and prices subject to change. Issue: June 2013

Quick fasteners are employed to make back- and side panels and other sorts of cladding easily and quickly removable. Rotating the bolt through 90° is sufficient to remove the panel (AluMax). This is particularly useful for allowing easy and comfortable maintenance access to the equipment installed in a subbase or rack.



quick fastener, metallic bolt (set)

1x steel angle with fastening clip 03-0941-1103
1x quick fastener bolt, metallic 03-0943-1106
1x rubber ring (holds bolt) 03-0944-4011
1x slot nut M4, aluminium
2x filister head screw M4x8 DIN 7985

article no.

03-0940-0000



quick fastener, black bolt (set)

1x steel angle with fastening clip 03-0941-1103
1x quick fastener bolt, black 03-0943-1106
1x rubber ring (holds bolt) 03-0944-4011
1x slot nut M4, aluminium
2x filister head screw M4x8 DIN 7985

article no.

03-0940-0001



quick fastener bolt, metallic finish

for panels up to 3,3 mm in thickness
Ø 6,1 mm, length 19,8 mm, steel,
nickel-plated silver, filister head Ø 11 mm

packing unit: 25 pcs.

article no.

03-0943-1106



quick fastener bolt, black finish

H=32, L=59
Ø 6,1 mm, length 19,8 mm, steel,
zinc-plated black, filister head Ø 11 mm

packing unit: 25 pcs.

article no.

03-0943-1107

All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013





rubber ring

distance ring, holds bolt
int.-Ø 4 mm, ext.-Ø 9,5 mm,
thickness 4 mm

packing unit: 100 pcs.

article no.
03-0944-4011

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and prices subject to change. Issue: June 2013

Alumax / Max-Compact

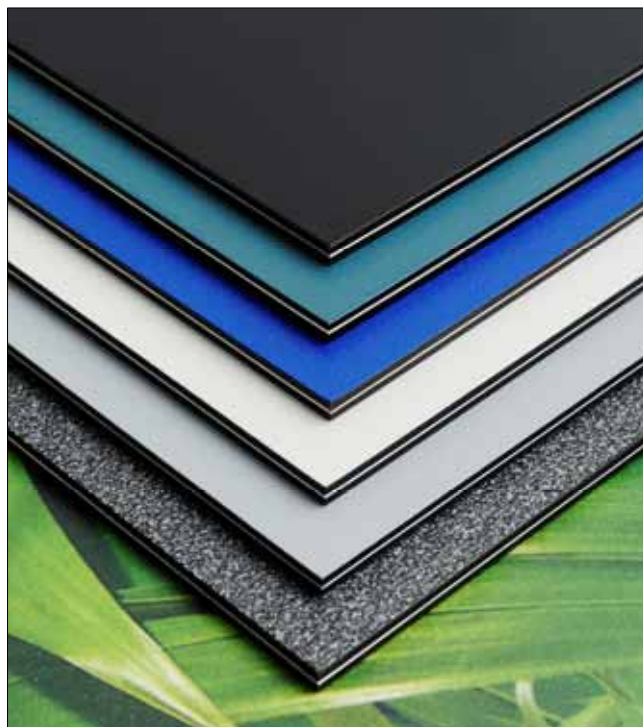
Alumax and Max-Compact panels are high-pressure composite materials based on duroplastic high-pressure laminates (HPL). These panels have a high resistance to impact, a low risk of splitting and good heat conductivity. Alumax and Max-Compact panels can be cut, drilled, perforated and machined without any problems.

4.1 Alumax:

Alumax panels come standard with decor surfaces on both sides. The panel core is black, with an additional 0.42 mm thick aluminium layer, which considerably increases the panel's stability, tensile strength and resistance to impact even though the panel is thin and lightweight, while greatly reducing the risk of splitting.

Used for:

- cladding and panelling for desks, control desks, monitor walls, 19" cabinets (EMV compatible)
- front and back panels
- fair construction, vehicle interiors, advertising displays, interior decoration and wall lining



description	article no.
Alumax 3,3 mm, astral anthrazit gesprenkelt	04-518FH-33
Alumax 3,3 mm, kieselgrau (light gray)	04-742FH-33
Alumax 3,3 mm, kühlgrau (silver gray)	04-753FH-33
Alumax 3,3 mm, petrolgrün (green)	04-617FH-33
Alumax 3,3 mm, enzianblau (blue)	04-237FH-33
Alumax 3,3 mm, schwarz (black)	04-080FH-33
Alumax 3,3 mm, sand	04-066FH-33

Standard size: 2.800 x 1.300 x 3,3 mm

Properties tested in accordance to EN 438-2:

Apparent density:

ca. 1,55 g/cm³

Thickness (e.g.):

10 mm

Weight:

15,5 kg/m²

Resistance against stress abrasion:

450 U

Resistance against scratching at 3° Centigrade:

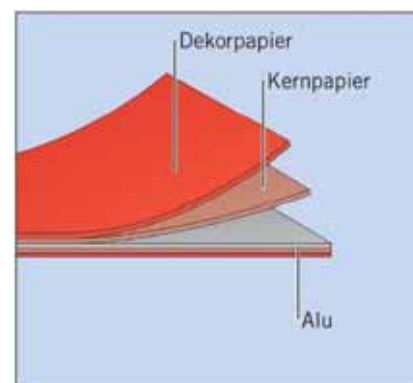
4 N

Flexural strength EN ISO 178:

200 MPa

E-Modulus EN ISO 178:

18.000 MPa



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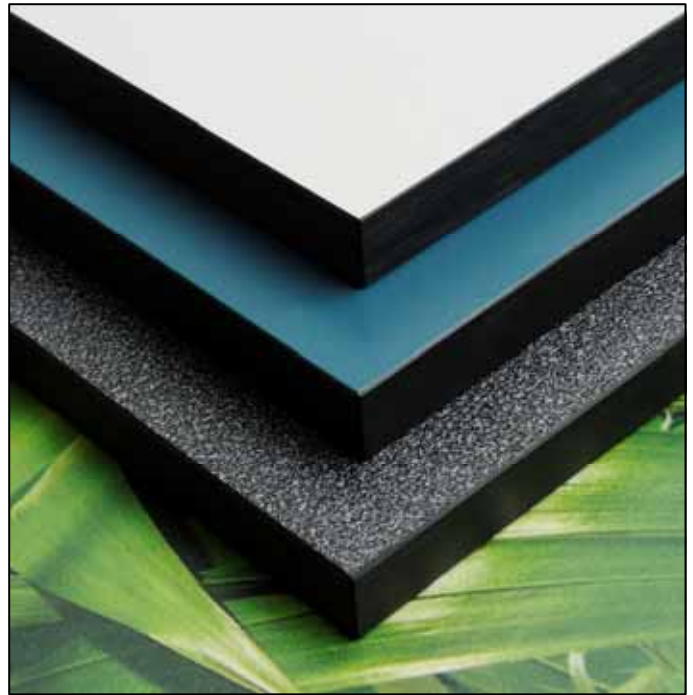


4.2 Max-Compact

Max-Compact panels come standard with decor surfaces on both sides. The panel core is black.

Used for:

- shelves
- desktops
- housings
- cabinets
- cladding



description	article no.
Max-Compact 12 mm, astral anthrazit gesprenkelt	04-518FH-12
Max-Compact 12 mm, kieselgrau (light gray)	04-742FH-12
Max-Compact 12 mm, kühlgrau (silver gray)	04-753FH-12
Max-Compact 12 mm, petrolgrün (green)	04-617FH-12
Max-Compact 12 mm, enzianblau (blue)	04-237FH-12

Standard size: 2.800 x 1.300 x 12 mm

Properties tested in accordance to EN 438-2:

Apparent density:	ca. 1,4 g/cm ³
Thickness (e.g.):	10 mm
Weight:	14 kg/m ²
Resistance against stress abrasion:	450 U
Resistance against scratching at 3° Centigrade:	4 N
Flexural strength EN ISO 178:	100 MPa
E-Modulus EN ISO 178:	10.000 MPa

Custom Alumax panels for interior design

- HPL panels with 2 or 3 aluminium layers
- decorative edges

Please contact us for an individual offer.



All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013

acrylic glass / sheet aluminium

4.3 acrylic glass:

used for:

- windows in racks or consoles
- doors
- display cases

maximum size: 2.050 x 1.500 x 3 mm,
larger sizes available on request



description	article no.
acrylic glass, 3 mm, GS clear	04-5001-3000
acrylic glass, 3 mm, tinted grey	04-5002-3215
acrylic glass, 3 mm, frosted and coated	04-5003-3625

4.4 sheet aluminium

sheet aluminium, untreated

AlMg3 EN AW-5754

maximum size: 2.000 x 1.000 mm

description	article no.
sheet aluminium, 2,0 mm, untreated	04-4502-2000
sheet aluminium, 3,0 mm, untreated	04-4503-3000
sheet aluminium, 4,0 mm, untreated	04-4504-4000

sheet aluminium, clear anodized

AlMg1 EN AW-5005, anodized E6/EV1

maximum size: 2.000 x 1.000 mm

description	article no.
sheet aluminium, 2,0 mm, clear anodized	04-4502-2001
sheet aluminium, 3,0 mm, clear anodized	04-4503-3001
sheet aluminium, 4,0 mm, clear anodized	04-4504-4001

4.5 perforated sheet aluminium

AW-1050A H24 DIN EN 485-2

maximum size: 2.000 x 1.000 mm

perforation: Rv 5 - 8 DIN 24041; 35,43% of cross section

description	article no.
sheet aluminium, 3,0 mm, untreated	04-4603-3000

All prices in Euro, excl. VAT where applicable. All data, products
and prices subject to change. Issue: June 2013



19" front panels

sheet aluminium, 4 mm, clear anodized



height:		article no.
1 U	43,6 mm	05-1941-0101
2 U	88,0 mm	05-1941-0201
3 U	132,5 mm	05-1941-0301
4 U	177,0 mm	05-1941-0401
5 U	221,5 mm	05-1941-0501
6 U	266,0 mm	05-1941-0601
7 U	310,5 mm	05-1941-0701
8 U	355,0 mm	05-1941-0801
9 U	399,0 mm	05-1941-0901
10 U	443,5 mm	05-1941-1001
11 U	488,0 mm	05-1941-1101
12 U	532,5 mm	05-1941-1201

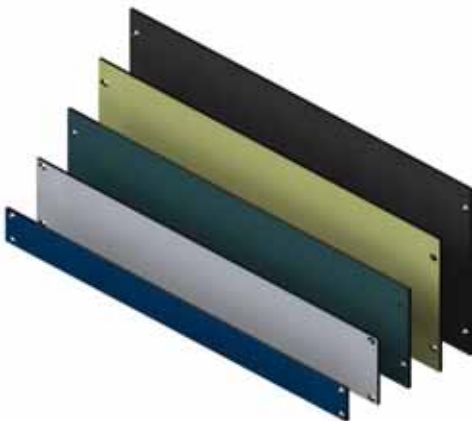
sheet aluminium, 3 mm, clear anodized, with ventilation slits



height:		article no.
1 U	43,6 mm	05-1932-0101
2 U	88,0 mm	05-1932-0201
3 U	132,5 mm	05-1932-0301

4 U + available on request

Alumax 3,3 mm, decor as per Alumax decor selection



height:		article no.
1 U	43,6 mm	05-1933-01-*
2 U	88,0 mm	05-1933-02-*
3 U	132,5 mm	05-1933-03-*
4 U	177,0 mm	05-1933-04-*
5 U	221,5 mm	05-1933-05-*
6 U	266,0 mm	05-1933-06-*
7 U	310,5 mm	05-1933-07-*
8 U	355,0 mm	05-1933-08-*
9 U	399,0 mm	05-1933-09-*
10 U	443,5 mm	05-1933-10-*
11 U	488,0 mm	05-1933-11-*
12 U	532,5 mm	05-1933-12-*

* number of decor according to list
for example 1U, Astral decor: 05-1933-01-518FH

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19" front panel with brush

sheet aluminium, 4 mm



height:		article no.
2 U	88,0 mm	05-1931-0201
3 U	132,5 mm	05-1931-0301

4 U + available on request

Alumax 3,3 mm, decor as per Alumax decor selection



height:		article no.
2 U	88,0 mm	05-1930-0201
3 U	132,5 mm	05-1930-0301

4 U + available on request

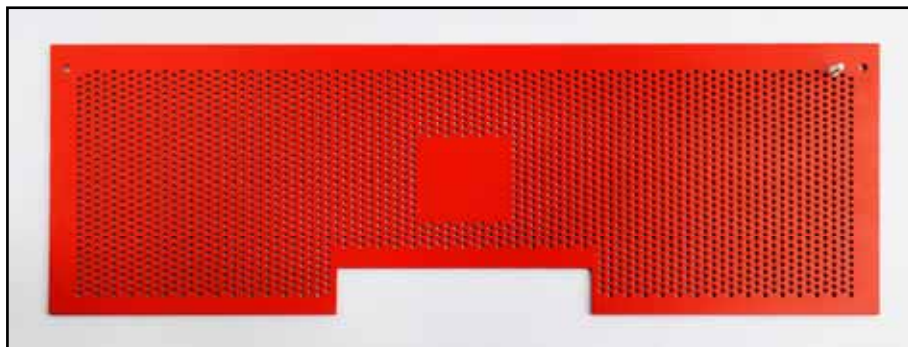
Front panels can be milled, drilled, punched, engraved and powder-coated (RAL-colours) as per customer request.



e.g.: custom front panel, milled and engraved



e.g.: front panel with ventilation slits



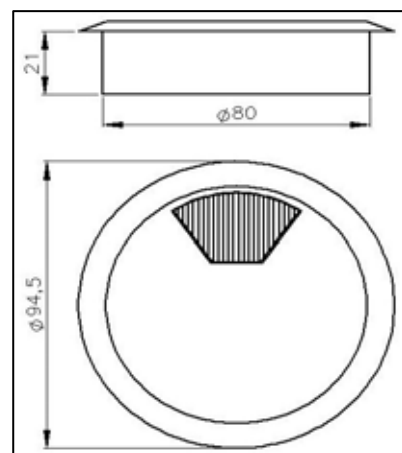
e.g.: rear panel with perforations, powder-coated

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6.1 cable outlets

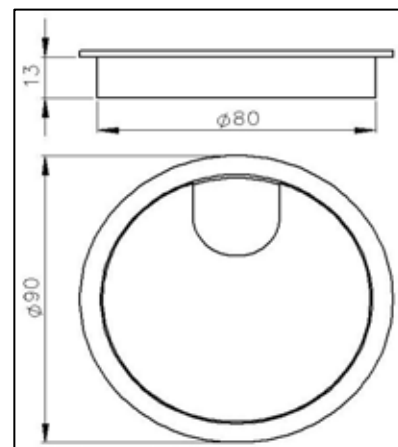
cable outlet round, Ø80 mm, plastic



article no.	colour
06-6380-9011	black
06-6380-9018	white
06-6380-7035	light grey
06-6380-8023	sepia

round cable outlets with Ø60 mm available on request, in various colours
min. order: 10 pcs.

cable outlet round, Ø80 mm, metal with aluminium finish



features removable cap with brush

article no.	
06-6380-0001	Ø80 mm

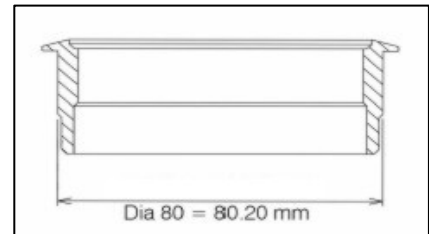
Ø60 mm available on request
min. order: 10 pcs.

All prices in Euro, excl. VAT where applicable. All data, products
and prices subject to change. Issue: June 2013



6.1 cable outlets

cable outlet with 4 USB 2.0 ports, Ø80 mm, plastic RAL 9006

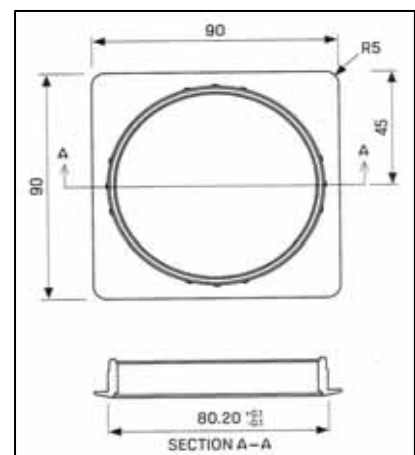


including 2 m cable and 2 brushes

article no.

06-6380-1000

Media socket, 1 Schuko plug socket, 1 USB port 2.0, 1 RJ45, metal housing satin chrome



Power socket including 2 m cable

Total installation depth: 70 mm

article no.

06-6380-2000

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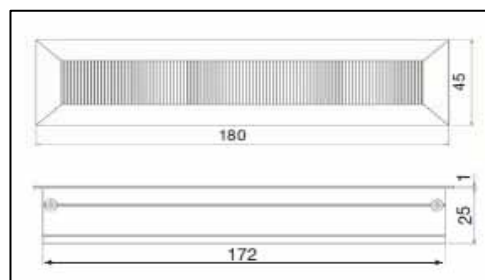
6.1 cable outlets

cable outlet, aluminium, with brush



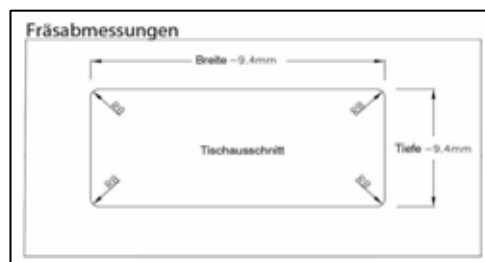
article no.

06-6400-0001



opening: 159 x 23 mm
dust protection brush, grey
aluminium frame, clear anodized

High-quality cable outlet frame with brush and cover



W x D: 600 x 70 mm
Cover dimensions: 580 x 30 mm



When the cover is open even Schuko plugs can be easily conducted through the opening. When the cover is closed, space for cable with up to 12 mm in diameter is available.

article no.

06-6400-0002

Other widths are also available on request.

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6.1 cable outlets

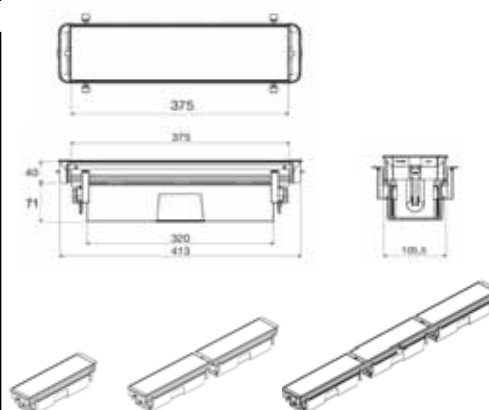
cable box



This cable box can be fitted with a variety of sockets to keep them covered, yet easily within reach.

Finish: aluminium matte anodized

Optionally, the lid can be matched to the finish of the desktop.



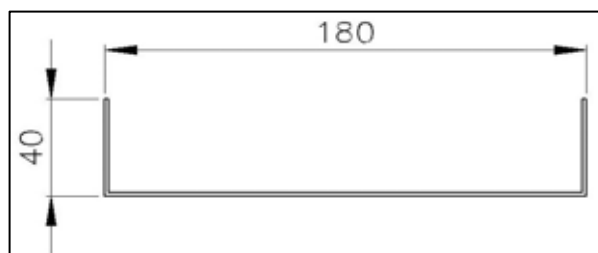
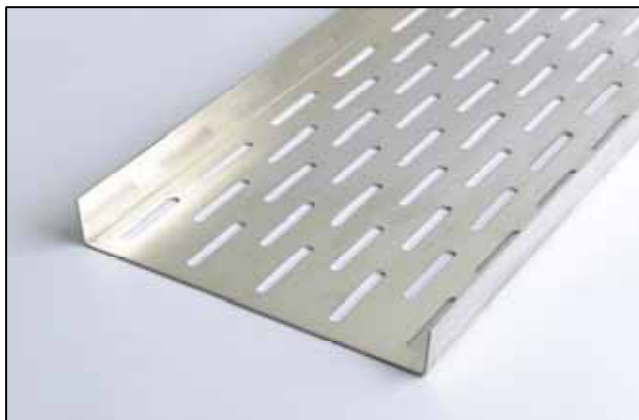
article no.	type
06-6500-0001	1 lid
06-6500-0002	2 lids
06-6500-0003	3 lids

installation dimensions
L x W - 413 x 105,5 mm
L x W - 813 x 105,5 mm
L x W - 1213 x 105,5 mm

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6.2 cable management

cable tray, aluminium, 2000 x 180 x 40 mm,



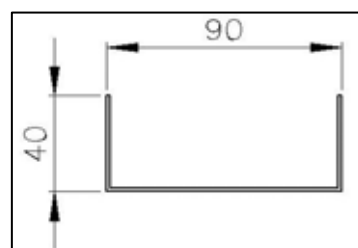
article no.
06-7000-0000

perforated to allow cables to be collected into separate trunks and secured with cable binders



e.g. continuous corner solution

cable tray, aluminium, 2000 x 90 x 40 mm



article no.
06-7000-0001

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6.2 cable management

edge guard for cable trays, plastic, coloured silver



article no.
06-7000-0002
min. order: 10 m.

plastic cable comb, flexible

for horizontal (e.g. below a desktop) and vertical cable management



5 x cable comb

height: 30 mm
for up to 20 cables, max. 4 per gap
colour: black

7 x cable comb

height: 30 mm
for up to 28 cables, max. 4 per gap
colour: black

article no.	
06-7000-0000	6 loops
06-7000-0001	8 loops

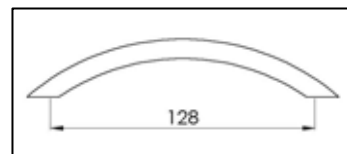
All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013



6.3 handles



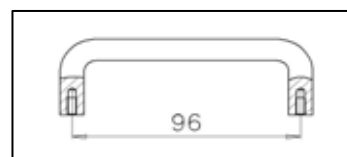
bow-type handle, Ø10mm
steel, chrome-plated
distance between bores = 128mm
incl. mounting material



article no.
06-6008-4156



bow-type handle, squared, Ø8mm
steel, chrome-plated
distance between bores = 96mm
incl. mounting material

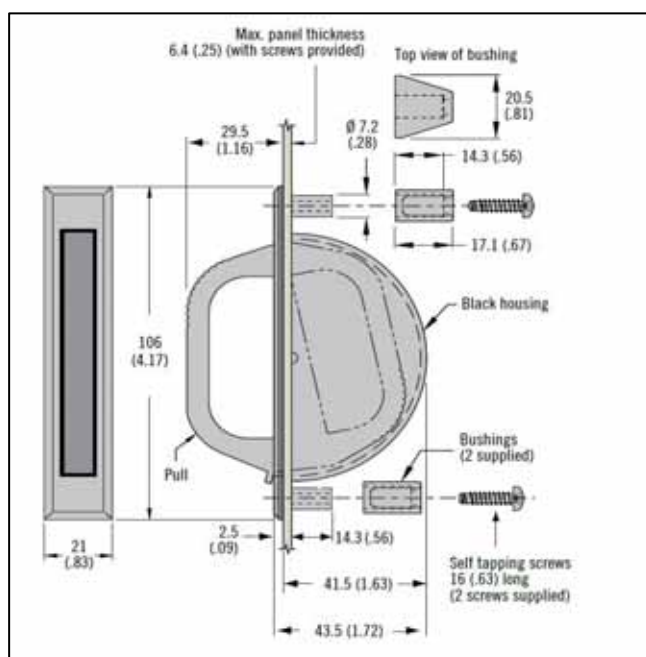


article no.
06-6009-4157

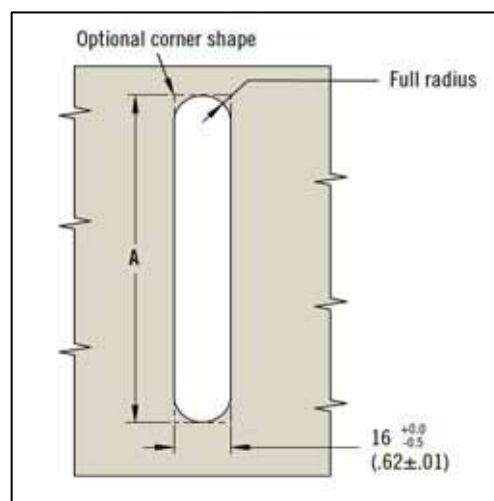


bow-type handle, hidden
shell: PVC, black
handle: aluminium, powder-coated grey
incl. mounting material

article no.
06-6003-7744



pattern for cut-out



dimension A = 102 mm

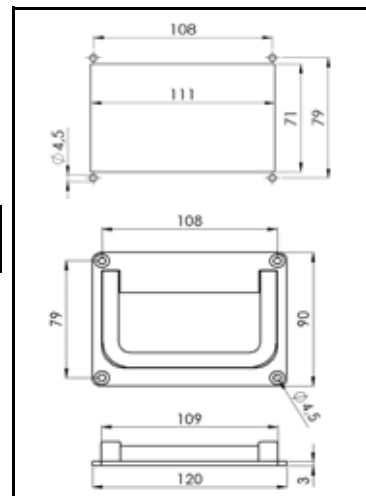
All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013

6.3 handles



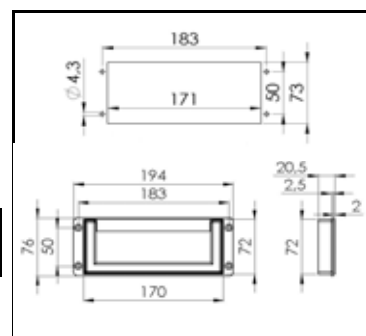
folding handle, small
shell: PVC, black
handle: aluminium, matte grey
120 x 90 x 16,5 mm

article no.
06-6016-0120



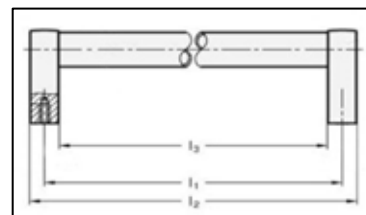
folding handle, big
shell GD Al Si 12, powder-coated matte grey
handle black, max. load 100 kgs.

194 x 76 x 20,5 mm
article no.
06-6018-0194



tube handle MUC
handle: aluminium tube, anodized Ø28 mm
end caps: aluminium, clear anodized
cover: plastic, black
length:
I1 = 621 mm
I2 = 641 mm
I3 = 601 mm

article no.
06-6028-0621



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6.4 19" drawers

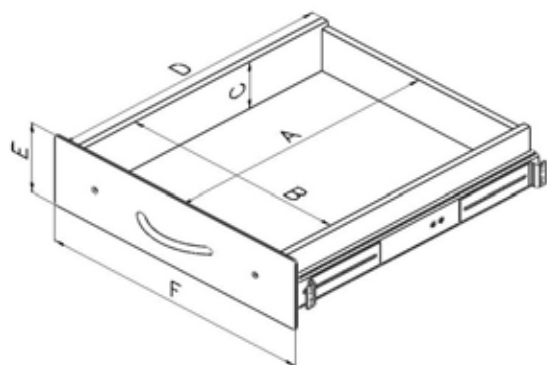
Our drawers are specifically adapted to the multirack system and employ telescopic rails to make them integrable into 19" racks, with the width chosen accordingly

A complete drawer consists of the following components:

- 1 pc. drawer body, MDF grey
- 1 pc. front panel: aluminium or Alumax
- 1 pc. bow-type handle
- 2 pcs. telescopic rails
- 4 pcs. rail adapters 19"
- 1 set mounting material



3 U drawer



dimensions	
A	476 mm
B	395 mm
C	79 mm
D	500 mm
E	132 mm
F	483 mm

article no.
06-6605-0000

Other dimensions available on request.



50kg

High-load drawers available on request. Made from 12mm HPL and equipped with high-load telescopic rails, they can bear loads of up to 50 kgs.



50kg

Example of application



console with file cabinet, lockable



mobile file cabinet

All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013

6.5 shelving



perforated section for shelf supports

fits 10 mm wide grooves
material: aluminium, untreated
standard length: 2.500 mm

article no.

06-8000-2500



shelf support

material: aluminium, untreated
max.load: 125kgs according to DIN 68874

packing unit: 100 pcs.

article no.

06-8000-0001



high-load shelf

material: 12 mm HPL
edge black, sanded
highly durable surface
cf. decor selection

load bearing: 60 kgs for a
500 x 500 mm shelf (0,5m²)

Contact us with your requirements
and we will design the appropriate
shelf.

All prices in Euro, excl. VAT where applicable. All data, products
and prices subject to change. Issue: June 2013

6.6 19" steel shelves, 19" keyboard shelves

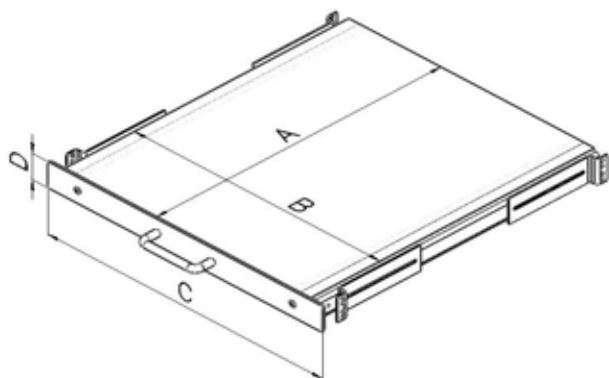


1 U, 19" steel shelf, sliding

includes:

- 1 pc. steel shelf, powder-coated
- 1 pc. 1 U front panel, aluminium 4 mm, clear anodized
- 1 pc. bow-type handle, squared
- 2 pcs. telescopic rails 3/4 extension
- 4 pcs. rail adapters 19"
- 1 set mounting material
- usable as 1 U drawer by mounting the body upside down

customisations available include
high-load version, extra depth, Alumax front panel, front panels in different dimensions.



dimensions:

A	500 mm
B	432 mm
C	483 mm
D	43,8 mm

article no.

06-6606-0000



19" steel shelf

steel, zinc-plated or powder-coated
dim.: 480 mm x 500 mm x 2 mm
depth between bores: 475 mm

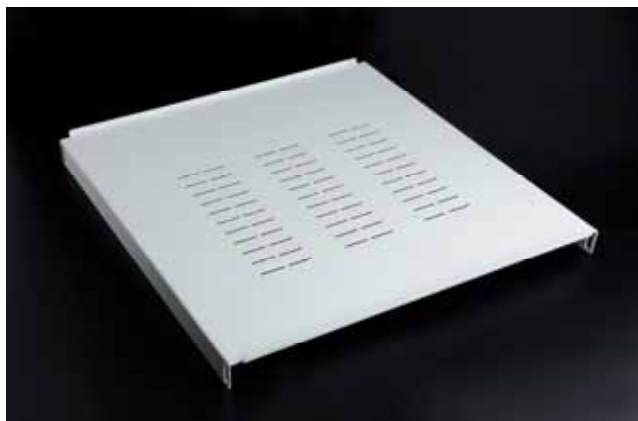
article no.

06-6981-0490

for 19" mounting material, see chapter 03
accessories

All prices in Euro, excl. VAT where applicable. All data, products and prices subject to change. Issue: June 2013

6.6 19" steel shelves, 19" keyboard shelves



19" steel shelf with ventilation slits

steel, surface varies by production lot
dim.: 480 mm x 500 mm x 2 mm
depth between bores: 475 mm

article no.

06-6980-0490

for 19" mounting material, see chapter 03
accessories



19" equipment shelf, 3 U

steel 1,5 mm, surface varies by production lot
width: 443 mm
depth: 400 mm
height: 3 U

article no.

06-6990-0193

for 19" mounting material, see chapter 03
accessories



19" equipment shelf, 7 U

steel 1,5 mm, surface varies by production lot
width: 443 mm
depth: 400 mm
height: 7 U

article no.

06-6990-0197

for 19" mounting material, see chapter 03
accessories

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6.6 19" steel shelves, 19" keyboard shelves



19" keyboard shelf, sliding, 1 U
for keyboards with a width up to **433 mm**
and a height up to **36 mm**.

dim.: (HxWxD) 44 x 483 x 470 mm
colour: RAL 7035 (light grey)
incl. extendable mouse pad

We recommend employing guide rails.
see product group 6.7

article no.

06-6606-0001

for 19" mounting material, see chapter 03
accessories



19" keyboard shelf, sliding, 2 U
for keyboards with a width up to **500 mm**
(standard keyboards)

dim.: (HxWxD) 88 x 483 x 500 mm
colour: RAL 7035 (light grey)
incl. extendable mouse pad
keyboard tray rotates

article no.

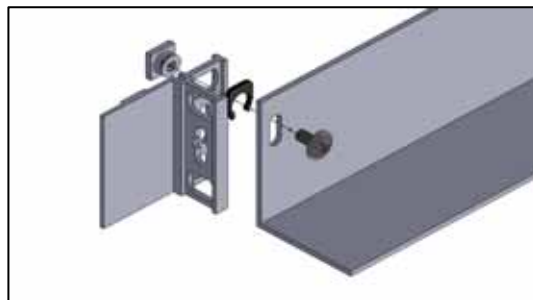
06-6606-0002

for 19" mounting material, see chapter 03
accessories

6.7 guide rails

Guide rails are employed to support the weight of heavy 19" equipment, or to mount equipment that is not normally designed for 19" racks.

The rails are mounted to the sides of the rack with captive nuts. Equipment or front panels can still be mounted to the racks as usual.



aluminium guide rails

The required length of the guide rails (illustration 2) is 1 mm less than the distance between the 19" rails. (illustration 1)

illustration 1

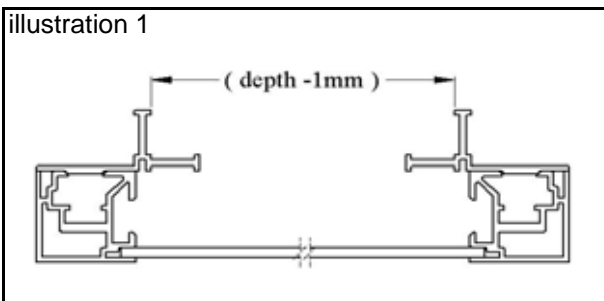
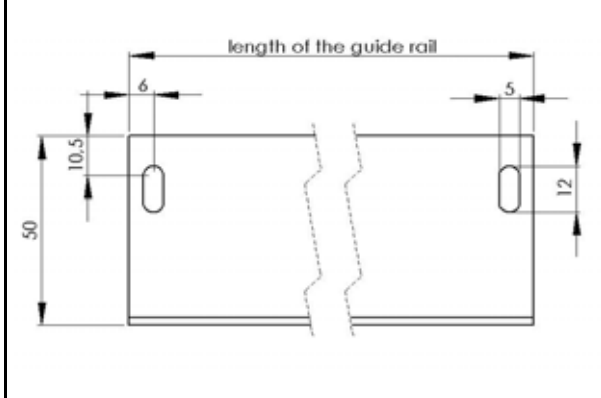


illustration 2



material:	aluminium, untreated
side dimensions:	50 x 40 x 2 mm

article no.	length	unit
06-2240-0490	490 mm	pair
06-2240-0750	up to 750 mm	pair
06-2240-*	* individual length	pair

mounting material

article no.	unit
03-0520-2240	set

packing unit: 10 sets



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6.8 full extension, ball bearing slides

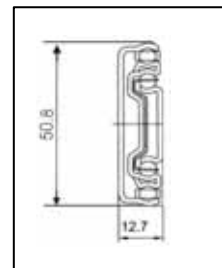


500 mm full extension, ball bearing slide light

steel, zinc-plated
extension: 500 mm
max. load: 60 kgs.
can be easily disassembled via lever

article no.

06-6008-4156

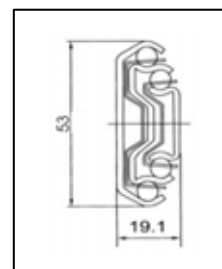


500 mm full extension, ball bearing slide medium

steel, zinc-plated
extension: 500 mm
max. load: 90 kgs.
can be easily disassembled via lever

article no.

06-0609-4157

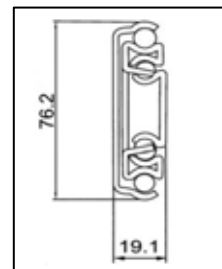


500 mm full extension, ball bearing slide heavy

steel, zinc-plated
extension: 500 mm
max. load: 160 kgs.

article no.

06-6003-7744

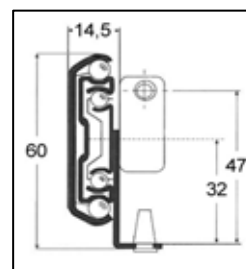


500 mm full extension, ball bearing slide for mounting in 19" Racks

steel, zinc-plated
extension: 500 mm
max. load: 50 kgs.
requires 4 adaptors art.no.: 06-1300-0500

article no.

06-1300-0500

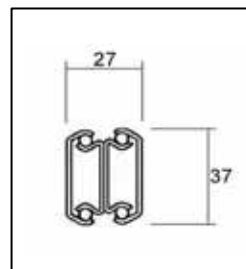


500 mm full extension, ball bearing slide

steel, zinc-plated
extension: 520 mm
max. load: 50 kgs.

article no.

06-1400-0500



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6.8 full extension, ball bearing slides



19" Adapter for ball bearing slides

steel, powder-coated black,
universally applicable

for 19" mounting material, cf. product group 03

article no.
06-5282-0000

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castors



swivel castor with mounting plate

steel, zinc-plated
ball bearing, rubber tyre

wheel-Ø:	50 mm	75 mm	100 mm
total height:	69 mm	100 mm	135 mm
plate dimensions:	60 x 60 mm	60 x 60 mm	77 x 67 mm
max. load	40 kgs.	55 kgs.	80 kgs.
article no.:	07-2505-0140	07-2754-0140	07-2100-0160



swivel, locking castor with mounting plate

steel, zinc-plated, lockable
ball bearing, rubber tyre

wheel-Ø:	50 mm	75 mm	100 mm
total height:	69 mm	100 mm	135 mm
plate dimensions:	60 x 60 mm	60 x 60 mm	77 x 67 mm
max. load	40 kgs.	55 kgs.	80 kgs.
article no.:	07-2506-1140	07-2753-1140	07-2101-1160



rigid castor with mounting plate

steel, zinc-plated
ball bearing, rubber tyre

wheel-Ø:	50 mm	75 mm	100 mm
total height:	69 mm	100 mm	135 mm
plate dimensions:	55 x 55 mm	67 x 60 mm	77 x 67 mm
max. load	40 kgs.	55 kgs.	80 kgs.
article no.:	07-2507-2140	07-2756-2140	07-2103-2160

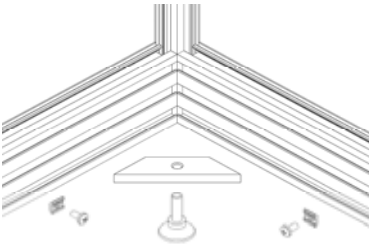
Other designs available on request, see samples below.



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adjustable feet



standard adjustable foot set

includes:

1x adjustable foot, M10 x 60

1x aluminium corner plate

2x slot nut M6

2x pan head screw M6x12

article no.

07-0250-0000



high-load mounting bracket for adjustable foot M 12

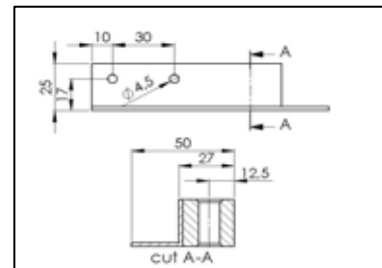
steel, powder-coated black

side length: 115 mm

incl. mounting material

article no.

07-0216-0177



aluminium corner plate for adjustable foot M10

dim.: 120 x 30 x 10 mm

aluminium, untreated

article no.

07-4010-0120



high-load adjustable foot, M12

length of thread: 45 mm

diameter: 47,5 mm

article no.

07-0351-1245



adjustable foot M10 x 60

length of thread: 60 mm

diameter: 30 mm

article no.

07-0251-1060

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product group 08
multirack-19" axial fan insert, axial fans



19" axial fan insert, 1 U

equipped with 3 high quality Papst axial fan,
 combining high reliability with a long lifetime

frame: V-O plastic, fire-resistant

air flow: 345 m³/h

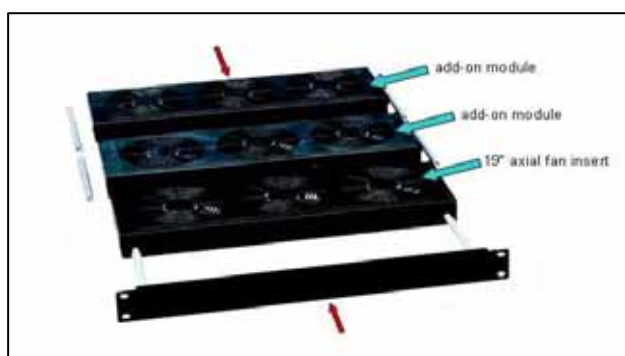
dimensions: (H x W x D): 44 x 450 x 140 mm

incl. 19" mounting kit, 1 U

incl. Schuko power cord with temperature control

article no.:

08-1901-0003



axial fan insert, add-on module

equipped with 3 high quality Papst axial fan,
 combining high reliability with a long lifetime

frame: V-O plastic, fire-resistant

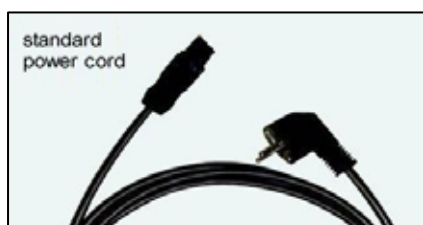
air flow: 345 m³/h

dimensions: (H x W x D): 44 x 450 x 140 mm

(up to 2 modules can be docked to one base insert)

article no.

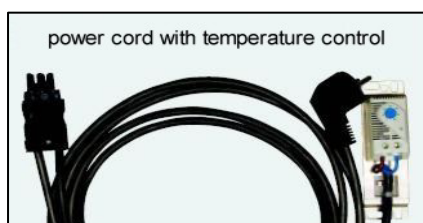
08-1901-1003



standard power cord

length: 3 m

connector	article no.
Schuko connector	08-2000-0001
rubber connector	08-2000-0002
none	08-2000-0003



power cord with temperature control 0-60°C

length: 3 m

connector	article no.
Schuko connector	08-2000-0004
rubber connector	08-2000-0005
none	08-2000-0006

guide rails for weight support

cf. product group 07

article no.

06-2240-*

* = length of guide rail

e.g.: 500 mm = 06-2240-0500

mounting material for guide rails

cf. product group 06

Artikelnummer	article no.
03-0520-0900	

packing unit: 10 set

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product group 08
multirack-19" axial fan insert, axial fans



AC axial compact fan

dim.: 119 x 119 x 38 mm
 air flow: 160 m³/h ; 94,2 CFM
 nominal voltage: 230 V ; 50 Hz
 sound pressure level: 46 dB(A)
 power input: 19 Watt
 lifetime L10 bei 40°C: 37500 hours

article no.

08-3000-4650



AC axial compact fan

dim.: 119 x 119 x 25 mm
 air flow: 117 m³/h ; 68,9 CFM
 nominal voltage: 230 V ; 50 Hz
 sound pressure level: 37 dB(A)
 power input: 14 Watt
 lifetime L10 bei 40°C: 47500 hours

article no.

08-3000-9956



DC axial compact fan

dim.: 119 x 119 x 32 mm
 air flow: 85-170 m³/h ; 50-100,1 CFM
 nominal voltage: 24 V
 sound pressure level: 29-45 dB(A)
 power input: 1,6-4,8 Watt
 lifetime L10 bei 40°C: 65000 hours

article no.

08-3000-4314



guard grille, steel wire

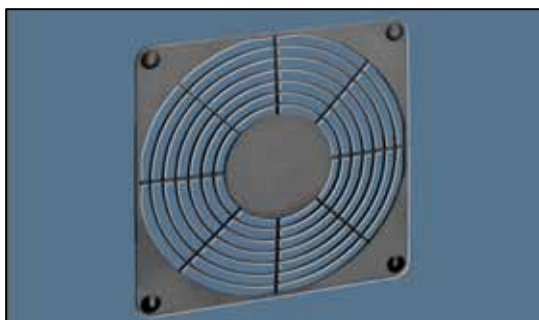
according to DIN EN ISO 13857

article no.

08-3000-0001

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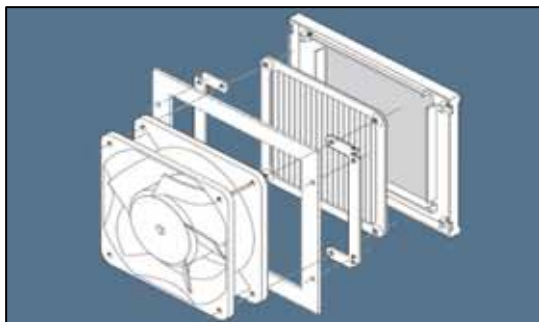
product group 08
multirack-19" axial fan insert, axial fans



guard grille, fiberglass-reinforced plastic
according to DIN EN ISO 13857

article no.

08-3000-0002



fan filter guard grilles

Set bestehend aus:

- 1 pc. screen made of black, fibreglass-reinforced plastic with inserted wire netting
- 1 pc. mounting plate
- 1 pc. filter from stainless steel netting

does not include fan

article no.

08-3000-0003



connector cables

connector cables with injection-moulded plug
strand ends with core-crimping sleeve, $\varnothing \approx 1,5 \text{ mm}$
length: 2.000 mm
cross section: $0,5 \text{ mm}^2$

article no.

08-3000-0004

current

AC

08-3000-0005

DC

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