Overview

Bosch Rexroth offers a wide range of machine and perimeter guarding options for creating physical enclosures, guards, and barriers to protect workers. EcoSafe panels assemble easily from standard components and installation is a snap. Partitions can be constructed of

wire mesh screens, protective panes or panels, then mounted directly into the T-slot of profiles, or attached to profiles that have already been integrated into a system.

EcoSafe Guarding Components

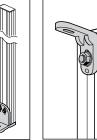
Follow the easy steps below to order the necessary components for your EcoSafe enclosure. A sample EcoSafe structure and additional information about the EcoSafe system is listed on pages 6-2 and 6-3.



Support Posts

6-4

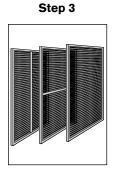
Step 1



Panel Mounting Bracket Kits 6-5

Step 2

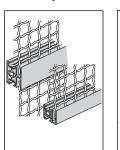
Other Guarding Components



Protective Frames 6-6 & 6-7

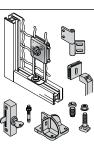


EcoSafe Door Components 6-8 to 6-10



Step 5

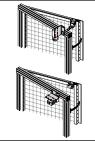
EcoSafe Frame Profiles 6-11 & 6-12



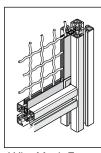
6

Step 6

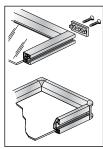
Wire Mesh Grounding Terminal & Installation Accessories 6-13 - 6-15



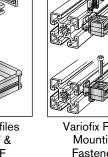
Safety Switch Mounting Bracket Kits 6-16



Wire Mesh Frame Profile and Corner Connectors 6-17

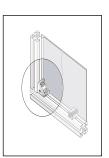


Frame Profiles 22.5x30F & 22.5x45F 6-18 & 6-19

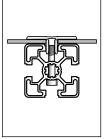


Variofix Panel

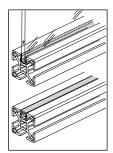
Mounting Fasteners 6-20



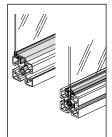
Panel Mount Gussets 6-21 & 6-22



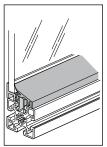
Heavy Duty Clamp Profiles 6-23



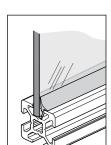
Panel Support Inserts 6-24



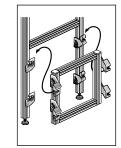
Removable Panel Support Inserts 6-25



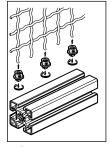
Flush-Mount **Removable Panel** Support Inserts 6-26



Glazing Strip 6-27



Removable Frame Brackets 6-28



Clamp Bushing 6-29

EcoSafe Guarding

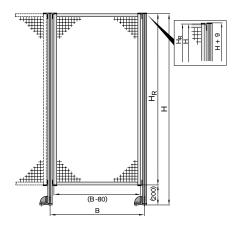
Width

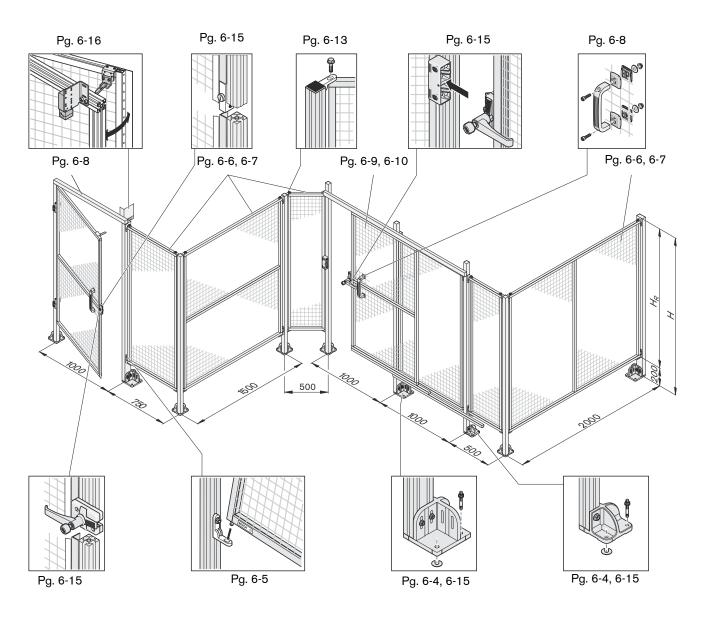
In order to simplify planning and assembly, system width **B** is always given as the distance from the middle of one support to the middle of the next support. EcoSafe protective frames can be made to order in widths from 250mm up to 2500mm.

Height

In all height information, the system height **H** and the frame height $\mathbf{H}_{\mathbf{R}}$ are different. Frame height $\mathbf{H}_{\mathbf{R}}$ can be specified from 250mm to 2000mm maximum. In order to guarantee easy access for cleaning machines, a distance to the ground of 200mm is required.

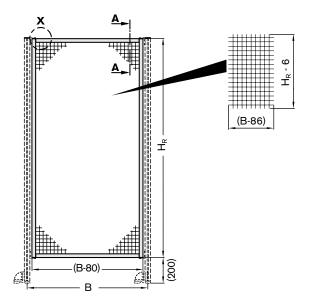
The distance to the ground can be adjusted if required. Also when planning your guarding, consider that protective guards in the 1800mm height can be converted into doors.

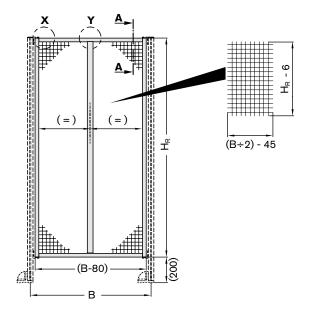


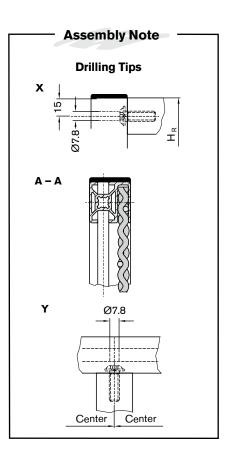


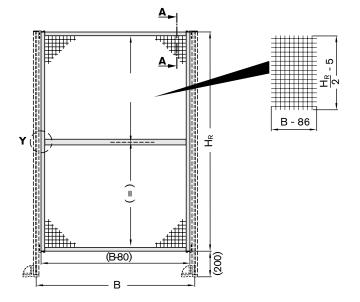
Assembling EcoSafe Guarding

EcoSafe frame profiles are an economical solution for the construction of protective guards with woven wire grilles or panels. The grille is held securely in the special groove so that it cannot rattle, and a special mounting rim is not required. Panels are installed with spring clamps to prevent rattling. The profiles are connected together with self-tapping S8x25 screws.



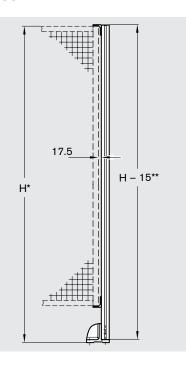






Support Post Assemblies

Support Posts 10



Technical Data

F

F [N]

D [mm]

80

100

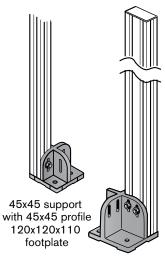
4 6 13 21 31

D

150 300 450 600

Features:

- Used for perimeter type guards
- Two styles available: 45x45 for standard applications, and 45x90 for heavy-duty applications
- Can be used to support EcoSafe panels or panels made using standard 30- and 45-series profiles
- · Includes footplate and end cap

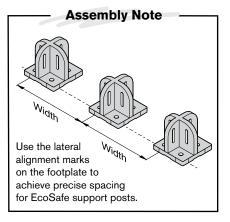


45x90 support with 45x90 profile 150x150x120 footplate

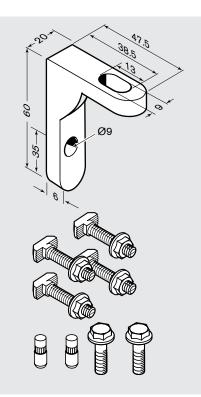
Description	Qty. Req'd	Part Number
45x45 Support Post (includes the follow	ving)	
45x45 profile, square cut to length	1	8 981 992 026/mm**
45x45 end cap	1	3 842 502 674
Footplate 120x120x110	1	3 842 527 553
24mm T-bolt kit	2	8 981 021 344
S12x30 connection screw	1	8 981 021 302
45x90 Support Post (includes the follow	ving)	
45x90 profile, square cut to length	1	3 842 992 432/mm**
45x90 end cap	1	3 842 511 783
Footplate 150x150x120	1	3 842 524 469
24mm T-bolt kit	2	8 981 021 344
S12x30 connection screw	1	8 981 021 302

* specify height (H) ≥450mm≤2300mm

** specify height (H-15) ≥450mm≤2300mm

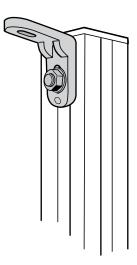


Panel Mounting Bracket Kit 10

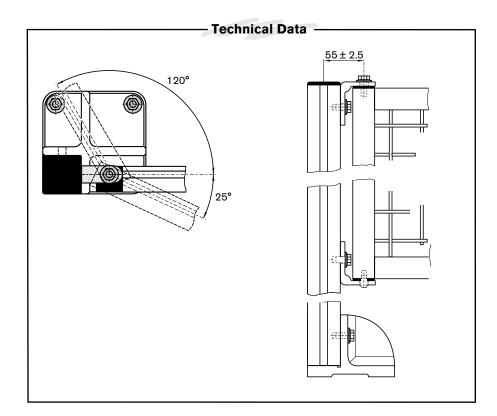


Features:

- Used to mount EcoSafe panels to preassembled vertical supports
- Pins hold the bottom corners of the panel and screws secure it at the top
- Panels can be mounted in a 145° range to the vertical support, allowing guarding to easily follow the work area
- Includes four brackets, two pins, two panel mounting screws, and four T-bolt kits

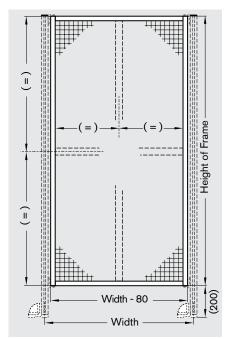


Description	Lot Size	Part Number
Panel mounting bracket kit	1	3 842 522 481



EcoSafe Guarding Components

Protective Frames (8)

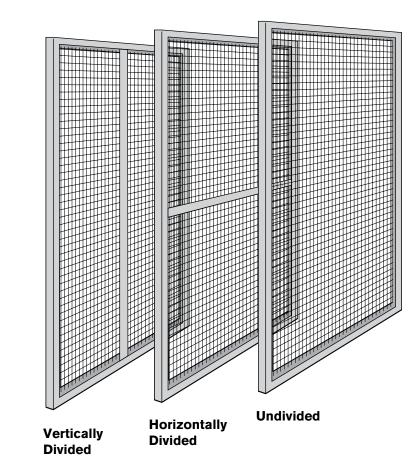


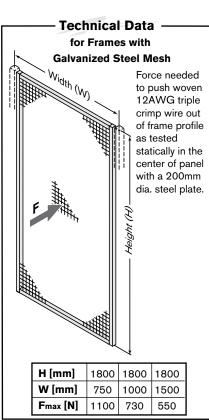
Features:

- 30x30 WG aluminum frames can hold solid panels or wire mesh
- Attach frames to support posts using panel mounting brackets
- Allow fast assembly of perimeter guarding
- Three styles are available: Undivided, Vertically Divided, and Horizontally Divided. For ordering and component details, see the next page

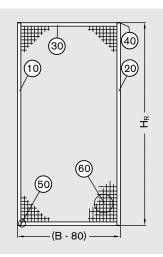
Note:

 EcoSafe panels are designed and built by your local Bosch Rexroth distributor. Call 1-800-REXROTH for the location of your nearest authorized Bosch Rexroth framing distributor.



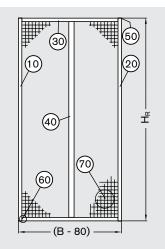


Undivided EcoSafe Panel



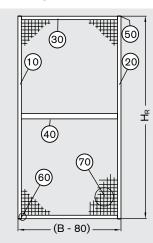
Des	scription	Qty. Req'd.	Part Number
10	30x30 WG40 left-hand: drilled both ends 7.8mm, one end tapped M8, 40m $L=H_{R}$, specify length \geq 250mm \leq 2000m		3 842 992 978/mm
20	30x30 WG40 right-hand: drilled both ends 7.8mm, one end tapped M8, 40m L=H _R , specify length ≥250mm≤2000m		8 981 992 247/mm
30	30x30 WG40: square cut to length L=(B-80)-60, specify length ≥210mm≤	2 2440mm	3 842 992 972/mm
40	End cap 30x30 WG30/40	4	3 842 522 345
50	S8x25 self-tapping screw	4	3 842 523 970
60	Panel, specify type, L x W = (B-92) x (H (4-5mm thick)	H _R -12) 1	Contact your distributor

Vertically Divided EcoSafe Panel



Des	scription	Qty. Req'd.	Part Number
10	30x30 WG40 left-hand: drilled both ends 7.8mm, one end tapped M8, 40m $L=H_R$, specify length \geq 250mm \leq 2000m		3 842 992 978/mm
20	30x30 WG40 right-hand: drilled both ends 7.8mm, one end tapped M8, 40m L=H _R , specify length ≥250mm≤2000m		8 981 992 247/mm
30	30x30 WG40: drilled in center 7.8mm, L=(B-80)-60, specify length ≥210mm≤	2 2440mm	3 842 992 984/mm
40	30x45 WG40, square cut to length, L= H_R -60, specify length \geq 210mm \leq 194	1 IOmm	3 842 992 973/mm
50	End cap 30x30 WG30/40	4	3 842 522 345
60	S8x25 self-tapping screw	4	3 842 523 970
70	Panel, specify type, L x W = (B/2) -51 x (H_R -12) (4-5mm thick)	2	Contact your distributor

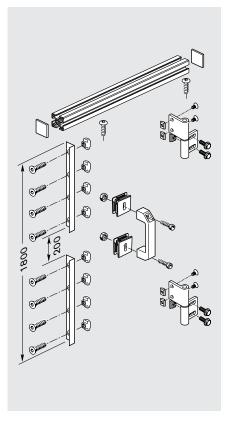
Horizontally Divided EcoSafe Panel



Des	scription	Qty. Req'd.	Part Number
10	30x30 WG40 left-hand: drilled both end and center 7.8mm; one end tapped M8, $L=H_{R^1}$ specify length \geq 250mm \leq 2000m	, 40mm deep	3 842 992 985/mm
20	30x30 WG40 right-hand: drilled both er and center 7.8mm, one end tapped M8, L=H _R , specify length ≥250mm≤2000m	, 40mm deep	8 981 992 247/mm
30	30x30 WG40: L=(B-80)-60, specify length ≥210mm≤2440mm	2	3 842 992 984/mm
40	30x45 WG40: square cut to length, L=(B-80)-60, specify length ≥210mm≤	1 2440mm	R 980 992 421/mm
50	End cap 30x30 WG30/40	4	3 842 522 345
60	S8x25 self-tapping screw	4	3 842 523 970
70	Panel, specify type, L x W = (B-92) x (H _R /2) -12 (4-5mm thick)	2	Contact your distributor

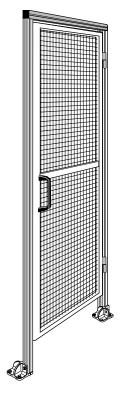
EcoSafe Guarding Components

Door Component Kit

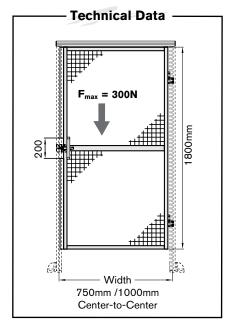


Features:

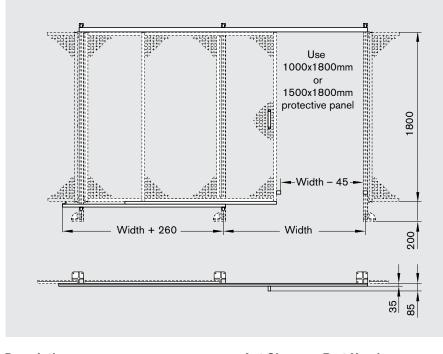
- Create hinged doors with EcoSafe protective frames
- Includes all hardware necessary, including handle, hinges, door jamb profile and top frame profile, and fasteners
- Two standard sizes available: 750mm wide x 1800mm high and 1000mm wide x 1800mm high (width measured center-to-center of support posts)
- Does NOT include lock or latch; order separately in Section 5: Doors and Door Components



Description	Lot Size	Part Number
Door component kit, 750mm x 1800mm	1	3 842 523 165
Door component kit, 1000mm x 1800mm	1	3 842 523 166



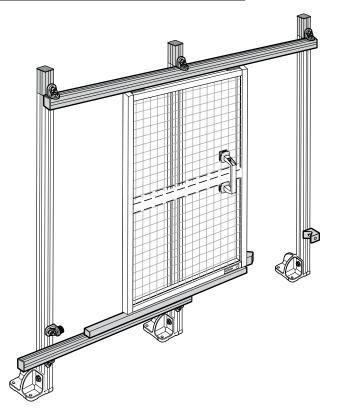
Sliding Door Kit with Overhead Trolley



Description	Lot Size	Part Number
Overhead sliding door kit, 1000mm x 1800mm	า 1	3 842 524 163
Overhead sliding door kit, 1500mm x 1800mm	n 1	3 842 524 164

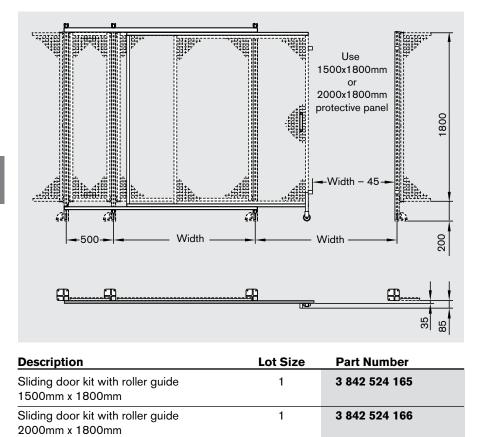
Features:

- Overhead sliding doors create a wide opening clear of trip hazards, providing easy access for personnel or equipment
- A positive stop keeps the door in place when closed
- Includes all hardware necessary, including handle, rollers, stops, top and bottom frame profiles, and fasteners
- Two standard sizes available for use with standard protective frames: 1000mm wide x 1800mm high or 1500 wide x 1800mm high (width measured center-to-center of support posts)
- Uses easy-sliding Delrin[®] bearings and rollers
- Does NOT include lock or latch



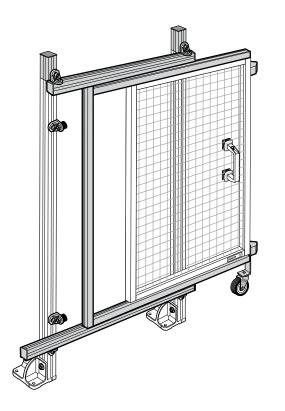
EcoSafe Guarding Components

Sliding Door Kit with Lower Rail Guide



Features:

- Overhead sliding doors create an extra-wide opening clear of trip hazards, providing easy access for personnel or equipment
- No guides across doorway to restrict overhead clearance
- Rollers in the upper door track provide easy movement while the lower roller guide provides additional support and stability
- A positive stop keeps the door in place when closed
- Includes all hardware necessary, including handle, rollers, stops, top and bottom frame profiles, and fasteners
- Two standard sizes available for use with standard protective frames: 1500mm wide x 1800mm high or 2000 wide x 1800mm high (width measured center-to-center of support posts)
- Uses easy-sliding Delrin[®] bearings and rollers
- · Does NOT include lock or latch



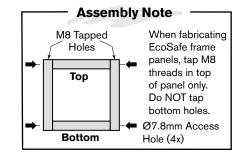
(P)

EcoSafe Frame Profiles

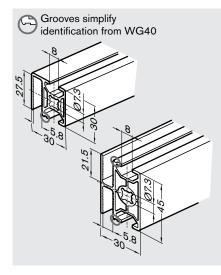
These specially designed profiles are used to construct EcoSafe frames, and can also be used for other guarding applications.

Features:

- Deep slots with serrated sides hold wire mesh or wire grill panels
- Each has two 8mm T-slots
- Spring clamps (available on the next page) allow use with a wide variety of mesh and panel thicknesses

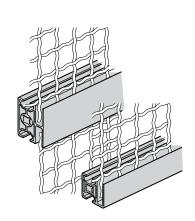


30x30 WG30 & 30x45 WG30 🕑



Features:

- Deep slots with serrated sides hold wire mesh or wire grill panels securely
- For use with panels and mesh up to 5.8mm thick (2-4mm with spring clamps, available on next page)
- · Each has two 8mm T-slots



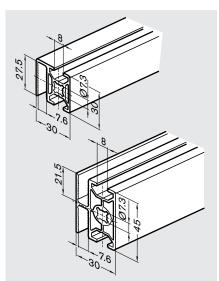
Non-Machined End Finish Options	Part Number
Profile 30x30 WG30, pkg. of 20, 5600mm long	3 842 522 462
Profile 30x30 WG30, single, 5600mm long	3 842 522 458
Profile 30x45 WG30, pkg. of 20, 5600mm long	3 842 522 463
Profile 30x45 WG30, single, 5600mm long	3 842 522 459

Machined Options	End Finish	Part Number
Profile 30x30 WG30,		3 842 992 970/mm
Profile 30x45 WG30,		3 842 992 971/mm
Profile 30x30 WG30, right-hand, D7.8VS/D7.8VS-M8, specify length ≥75mm≤5600mm	I .	8 981 992 244/mm
Profile 30x30 WG30, left-hand, D7.8VS-M8/D7.8VS, specify length ≥75mm≤5600mm	Ð	3 842 992 977/mm

Please contact your distributor for other machining options.

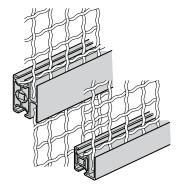
EcoSafe Frame Profiles

30x30 WG40 & 30x45 WG40 (8)



Features:

- Deep slots with serrated sides hold wire mesh or wire grill panels securely
- For use with panels and mesh up to 7.6mm thick (4-5mm with spring clamps)
- Each has two 8mm T-slots

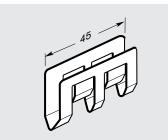


Non-Machined End Finish Options	Part Number
Profile 30x30 WG40, pkg. of 20, 5600mm long	3 842 522 464
Profile 30x30 WG40, single, 5600mm long	3 842 522 460
Profile 30x45 WG40, pkg. of 20, 5600mm long	3 842 522 465
Profile 30x45 WG40, single, 5600mm long	3 842 522 461

Machined Options	End Finish	Part Number
Profile 30x30 WG40, −/−, specify length ≥30mm≤5600mm		3 842 992 972/mm
Profile 30x45 WG40,		3 842 992 973/mm
Profile 30x30 WG40, right-hand, D7.8VS/D7.8VS-M8, specify length ≥75mm≤5600mm	I B	8 981 992 247/mm
Profile 30x30 WG40, left-hand, D7.8VS-M8/D7.8VS, specify length ≥75mm≤5600mm	ł	3 842 992 978/mm

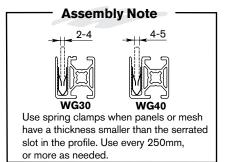
Please contact your distributor for other machining options.

Spring Clamp



Features:

- Use with EcoSafe WG30 and WG40 frame profiles to hold thinner panels and mesh securely in the serrated groove of the profile
- Recommended minimum spacing is every 250mm, or more as needed



 Description
 Lot Size
 Part Number

 Spring Clamp
 1
 3 842 525 014

EcoSafe Accessories

Wire Mesh Grounding Terminal $^{\circ}$

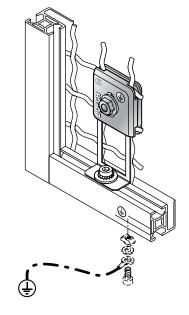
M8x25 DIN 7380 A8 A8,4 DIN 128 DIN 9021 A6,4 DIN 9021

Features:

- Connects wire mesh protective panels to a grounding conductor system
- Ensures safe channeling of short circuit currents up to 63 Amps nominal current
- · Includes mounting hardware

Material:

- Terminal: stainless steel
- Clamping element: black polyamide
- Hardware: zinc-plated steel



Description	Lot Size	Part Number
Wire mesh grounding terminal	1	3 842 525 833

EcoSafe Accessories

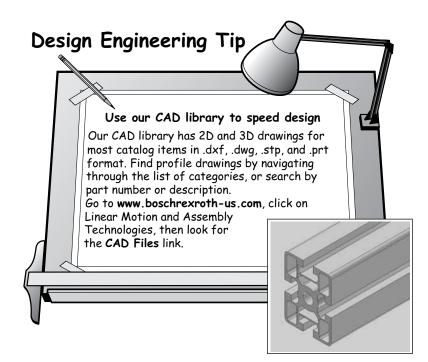
Other Accessories and Installation Components

Below and on the next page is a list of other accessories and components that are typically used when installing EcoSafe guarding. These components are listed in more detail elsewhere in this catalog, but have been included here for quick reference. From floor anchoring elements to end caps, these components are listed by their respective sections in this catalog. For additional information, refer to the section for that component.

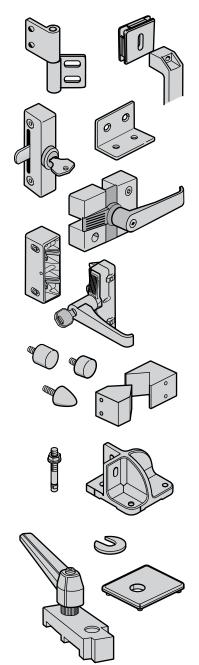




Description	Lot Size	Part Number
Section 3: Profile Connectors		
S8x25 self-tapping connection screw	○ 1	3 842 523 970
S8x25 self-tapping connection screw	[] 1	3 842 527 174
S12x30 self-tapping connection screw	0 1	8 981 021 302
S12x30 self-tapping connection screw	1	3 842 530 236
Section 4: Fasteners		
19mm M8 T-bolt fastening kit 10^{-10}	1	8 981 021 343
24mm M8 T-bolt fastening kit ¹⁰	1	8 981 021 344



Other Accessories and Installation Components

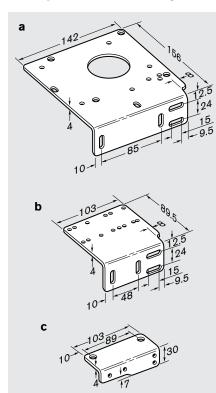


Description	Lot Size*	Part Number
Section 5: Doors and Door Components		
Handle mounting plate	1	3 842 523 308
Large cylindrical door stop	10	3 842 510 642
Small cylindrical door stop	10	3 842 510 464
Bullet-shaped door stop	10	3 842 510 165
Sliding door stop	1	3 842 524 490
Adjustable hinge	2	3 842 535 694
30x30 WG30 and WG40 lock adapter plate	1	3 842 523 243
Standard lock with random selection from 150 key variations	1	3 842 522 479
Single master key, fits all 150 random key variations (for use with lock 3 842 522 479 only)	s 1	3 842 523 315
Standard lock with uniform key	1	3 842 523 320
Lockable handle, 30-30/45-45, random key	1	3 842 525 821
Lockable handle, 30-30/45-45, uniform key	1	3 842 525 822
Lock, 30-30/45-45, uniform key	1	3 842 525 823
Lock for sliding doors, random key	1	3 842 525 946
Lock for sliding doors, uniform key	1	3 842 525 947
Section 7: Floor to Frame Elements		
120x120x110 footplate	1	3 842 527 553
150x150x120 footplate	1	3 842 524 469
8x76mm long anchor bolt for 120x120 footpla	ates 1	3 842 526 560
10x89mm long anchor bolt for 150x150 footp	lates 1	3 842 526 561
Footplate leveling washer	100	3 842 528 189
Section 9: Caps and Finishing Elements EcoSafe end cap	1	3 842 522 345
Section 16: Tools	-	
8mm drilling and boring jig, (for Ø7.8mm & Ø11mm holes)	1	3 842 528 577
10mm drilling and boring jig (for Ø9.8mm, Ø17mm, & Ø21mm holes)	1	3 842 528 574

* For smaller quantities, please contact your local distributor.

Other Guarding Components

Safety Switch Mounting Bracket Kits 8



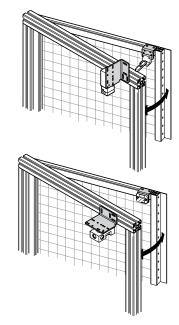
d

Features:

- Safety switch mounting brackets and activator brackets attach commercially available safety switches to Bosch Rexroth profiles
- Includes bracket mounting hardware

Material:

· Galvanized sheet steel

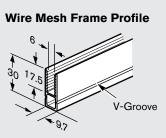


De	scription	Lot Size	Part Number
A	Safety switch mount bracket kit (Includes safety switch bracket b and activator bracket d)	1	3 842 522 475
В	Safety switch mount bracket kit (Includes safety switch bracket a and activator bracket d)	1	3 842 522 476
С	Safety switch mount bracket kit (Includes safety switch bracket a and activator bracket c)	1	3 842 522 477

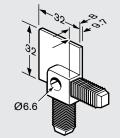
- Compatibility Data -

To use Safety Switch	with Latch Activator	Order Bracket Kit
Euchner NZ1 VZ	024298; 024299	
Euchner NZ2 VZ	024298; 024299	
Euchner NZ1 VS	024298; 024299	
Euchner NZ2 VS	024298; 024299	
Schmersal AZ 15/16 - B1	B2; B2-1747	
Schmersal AZ 15/16 - B2	B2; B2-1747	Δ
Schmersal AZ 15/16 - B3	B2; B2-1747	
Schmersal AZ 15/16 - B20	B2; B2-1747	
Telemechanique XCS - A	XCS-Z03	
Telemechanique XCS - C	XCS-Z03	
Telemechanique XCS - PA	XCS-Z13	
(Telemechanique XCS - TE)	XCS-Z13	
Euchner TZ	024298; 024299	
Telemechanique XCS - E	XCS-Z03	в
Telemechanique XCS - TE	XCS-Z13	B
Telemechanique XCS - PA	XCS-Z13	
Schmersal AZM 160	N/A	С

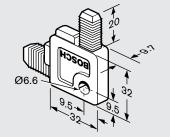
Wire Mesh Frame Profile and Corner Connectors 10



Inside Corner Connector



Outside Corner Connector



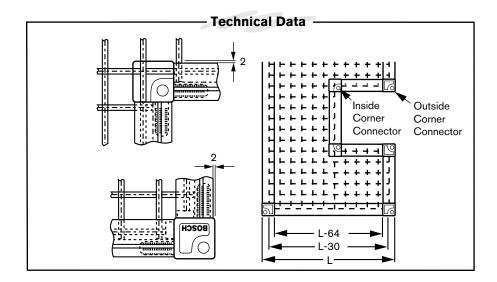
Features:

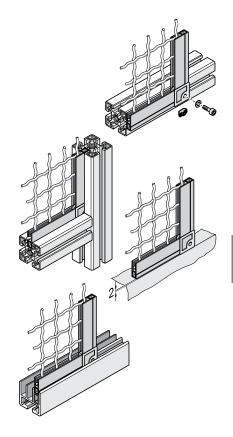
- Used to construct safety guards, protective enclosures, sliding doors, gate frameworks, etc.
- Toothed slot in profile holds 12 AWG wire mesh with 12mm or 40mm wire spacing
- Completed framework fits into 10mm T-slots
- Can be mounted to the surface of a structure using holes in corner connectors or using the V-groove in the frame profile as a drilling guide for mounting holes (use M6 screws and T-nuts for surface mounting to profile T-slots)
- Corner connectors join sections of wire mesh frame profile to create inside or outside corners
- Outside corner connectors require cutting a 24x24mm notch in the wire mesh to accommodate the connector

Material:

- Wire mesh frame: black anodized aluminum
- · Corner connectors: black polyamide 6

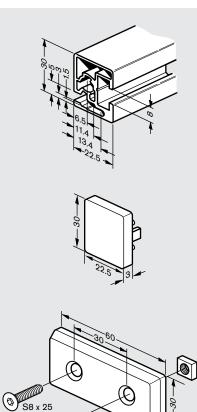
Description	Lot Size	Part Number
Wire mesh frame profile, 3000mm long	1	3 842 305 766
Inside corner connector	1	3 842 305 768
Outside corner connector	1	3 842 305 767





Other Guarding Components

Frame Profile (22.5x30F) 🕙 🌌



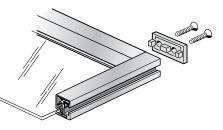
M8 x 16

Features:

- Stepped slot to hold panels 1.5mm, 3mm, or 5mm thick
- Economical means for building material trays and shelves
- End caps and joining connectors available separately
- · Has one 8mm T-slot

Material:

- · Frame profile: anodized aluminum
- End cap: black polyamide 12 (conductive)
- · Joining connector: black polyamide



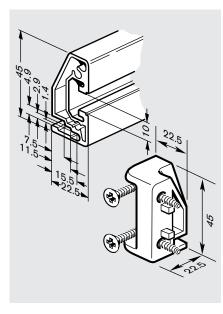
Non-Machined End Finish Options	Lot Size*	Part Number
Profile 22.5x30F, pkg. of 20, 5600mm long		3 842 515 229
Profile 22.5x30F, single, 5600mm long		3 842 515 228
Corner connector with hardware	4	3 842 535 661
End cap	1	3 842 516 720

* For smaller quantities, please contact your local distributor.

Machined Options	End Finish	Part Number
Profile 22.5x30F, −/−, specify length ≥30mm≤5600mm		3 842 992 493/mm

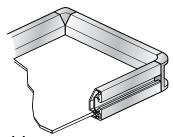
Please contact your distributor for other machining options.

Frame Profile (22.5x45F)



Features:

- Stepped slot to hold panels 1.5mm, 3mm, or 5mm thick
- Corner brackets with self-tapping screws available separately
- End cap available; see Section 9: Caps and Finishing Elements
- Has one 10mm T-slot



Material:

- Frame profile: anodized aluminum
- Corner bracket: die-cast zinc

Non-Machined End Finish Options	Lot Size	Part Number
Profile 22.5x45F, pkg. of 20, 5600mm long		3 842 508 102
Profile 22.5x45F, single, 5600mm long		3 842 508 103
Corner bracket with hardware	4	3 842 535 637
Screw, countersunk, self-tapping 4.5 Phillips (replacement)	3 842 508 022
* For smaller quantities, places contact your local d	iatributar	

* For smaller quantities, please contact your local distributor.

Machined Options	End Finish	Part Number
_ Profile 22.5x45F, −/−, specify length ≥30mm≤5600mm		3 842 992 411/mm

Please contact your distributor for other machining options.

13mm†

M6

Mounting Methods

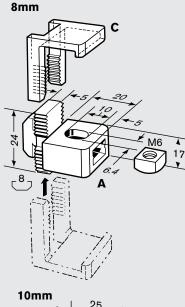
🕒 🗘 6 Nm

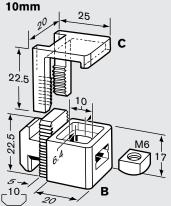
Section 6: EcoSafe™ Guarding and Machine/Safety Enclosures

Other Guarding Components

Variofix Panel Mounting Fasteners (8) (10) GOTO







Features:

- Used for mounting panels, panes, and plates up to 13mm thick to 8mm or 10mm T-slotted profiles
- Panels can be mounted after the frame structure is completed
- · Sturdy construction
- Quick installation—fastener twist-locks into place in the profile's T-slot
- Panels can be secured in one of two ways: with the detent clip, or with M6 screws and nut (M6 nut pre-installed, contact your distributor for appropriate length M6 screws)
- Variofix puller tool (sold separately, see Section 16: Tools for details) simplifies detent clip removal

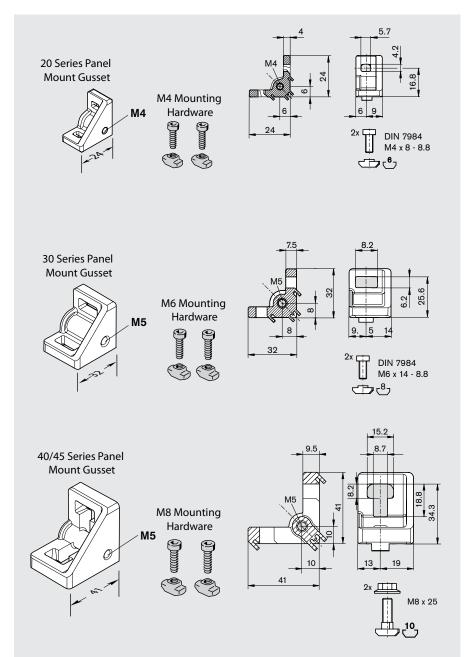
Material:

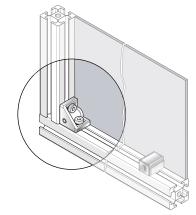
- · Variofix fastener: black polyamide
- · Detent clips: clear plastic

Description	Lot Size*	Part Number
A 8mm Variofix fastener without clip	10	3 842 535 696 GoTo
B 10mm Variofix fastener without clip	10	3 842 529 239 GoTo
C 8mm & 10mm Variofix detent clip	10	3 842 184 738 GoTo
Variofix puller tool (see Section 16: Tools for details)	1	3 842 526 589

* For smaller quantities, please contact your local distributor.

Panel Mount Gussets





Features:

- Panel mount gusset doubles as both profile connector and panel mount
- Pre-tapped panel mount gusset for easy installation
- Gusset kit includes mounting hardware

Material:

• Gusset: Die-cast aluminum

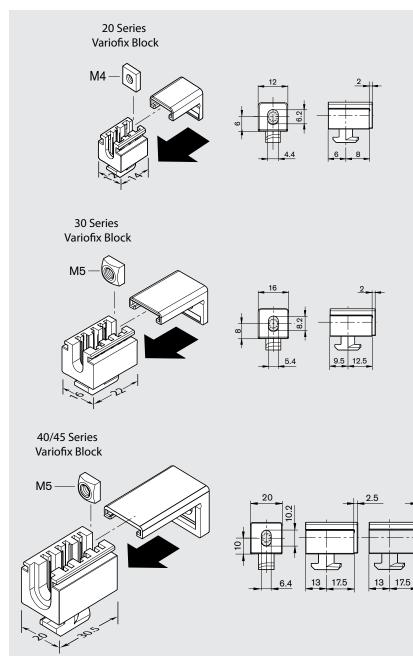
Description	Lot Size	Part Number
20 Series Panel Mount Gusset	1	3 842 536 489
20 Series Panel Mount Gusset Kit	1	3 842 536 670
30 Series Panel Mount Gusset	1	3 842 536 490
30 Series Panel Mount Gusset Kit	1	3 842 536 671
40/45 Series Panel Mount Gusset	1	3 842 536 491
40/45 Series Panel Mount Gusset Kit	1	3 842 536 672

Aluminum Framing | 8891 500 201 08/11

Section 6: EcoSafe™ Guarding and Machine/Safety Enclosures

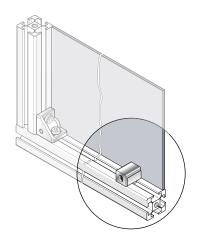
Other Guarding Components

Variofix Blocks



Description	Lot Size*	Part Number
20 Series Variofix Block	10	3 842 536 493
30 Series Variofix Block	10	3 842 536 494
40/45 Series Variofix Block	10	3 842 536 495

* For smaller quantities, please contact your local distributor.



Features:

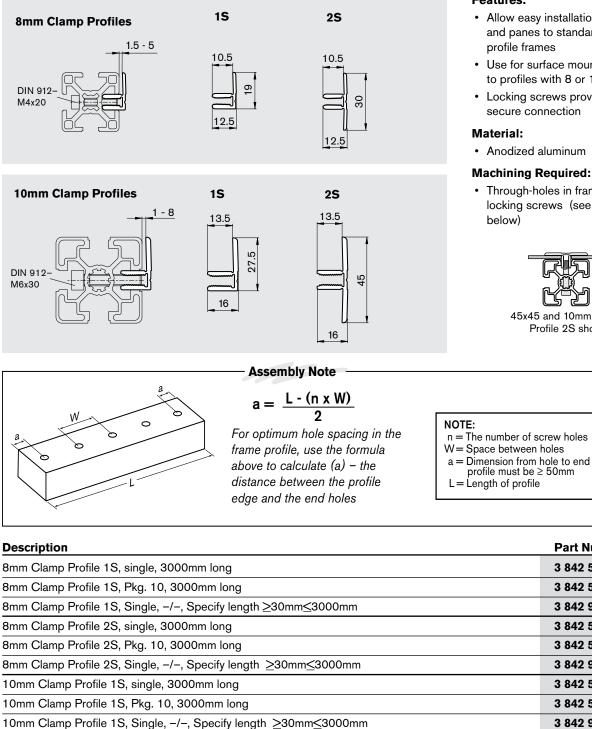
- Variofix block steadies wider panels
- Gusset kit includes mounting hardware

Material:

5

• Variofix block: PA, black

Heavy-Duty 8mm and 10mm Clamp Profiles 3 10 -



10mm Clamp Profile 2S, Single, -/-, Specify length 230mm 3000mm

10mm Clamp Profile 2S, single, 3000mm long

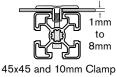
10mm Clamp Profile 2S, Pkg. 10, 3000mm long

Features:

- · Allow easy installation of panels, grilles and panes to standard
- Use for surface mounting thin panels to profiles with 8 or 10mm T-slots
- Locking screws provide strong,
- Anodized aluminum

Machining Required:

· Through-holes in frame profile for locking screws (see Assembly Note 6



Profile 2S shown

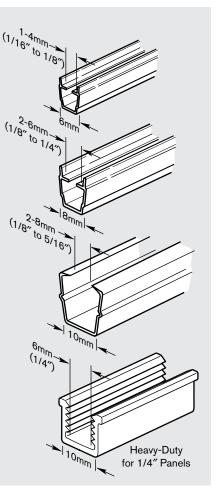
3 842 524 067

3 842 993 020/ mm

'art	Number	

3 842 524 057
3 842 524 058
3 842 993 017/mm
3 842 524 060
3 842 524 061
3 842 993 018/mm
3 842 524 063
3 842 524 064
3 842 993 019/mm
3 842 524 066

Panel Support Inserts 6 8 10 GOTO

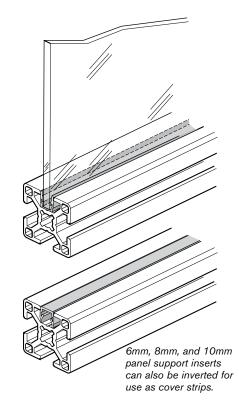


Features:

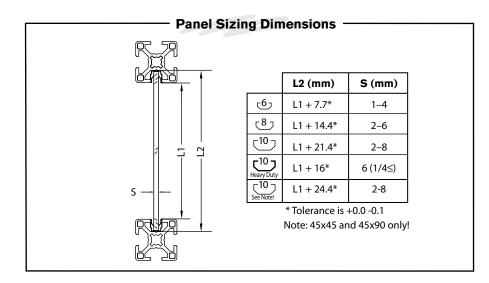
- Securely fasten panels from 2mm to 8mm thick in profiles with 6mm, 8mm, or 10mm T-slots
- Sturdy design prevents panels from shifting within the T-slot
- · Easy snap-in installation
- Can be inverted for use as a black T-slot cover strip
- When using heavy 1/4" panels in a 10mm T-slot, the heavy-duty panel support is recommended

Material:

Black polypropylene



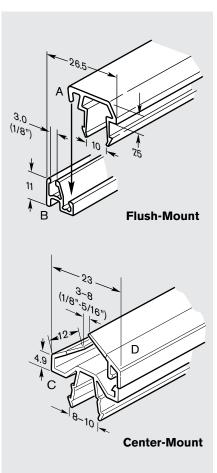
Description	Lot Size	Part Number
6mm panel support insert, 2000mm long	1	3 842 518 343 GoTO
8mm panel support insert, 2000mm long	1	3 842 518 347 GoTo
10mm panel support insert, 2000mm long	1	3 842 518 351 GoTo
Heavy-duty 10mm panel support insert, 2000mm long	1	3 842 146 906



GoTo boschrexroth-us.com/framing to get these in stock items FAST from your local distributor

Other Guarding Components

Removable Panel Support Inserts (8) (10) Goto

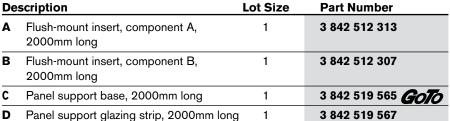


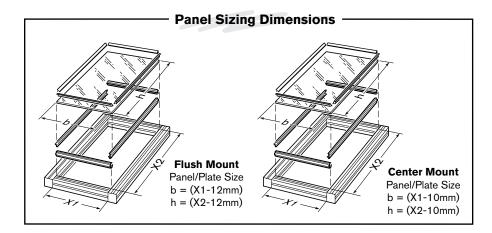
Features:

- Easy snap-in installation, even after structure is built
- Flush-mount inserts (components A and B) hold 3mm (1/8") thick panels to profiles with 10mm T-slots, with panels fitting flush with the front edge of the profile
- · Center-mount inserts (components C and D) hold panels 3-8mm (1/8"-5/16") thick to profiles with 8mm or 10mm T-slots, with panels centered over the profile's T-slot
- Provides clean, finished appearance
- · Prevents dust and moisture migration
- · Allows panel or pane replacement without disassembling structure

Material:

- Flush-mount insert (A & B): black polypropylene
- Center-mount insert (C & D): black PVC



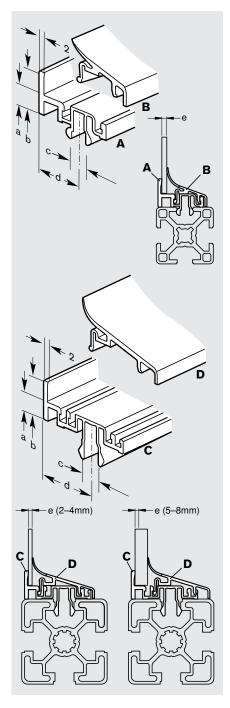


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Flush-Mount

Center-Mount

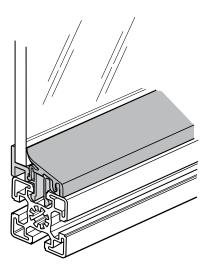
Flush-Mount Removable Panel Support Inserts 😬 10



Profile	Dimension in mm				Panel
series					Thickness
	а	b	С	d	е
30mm	7	15	8	14	2-6mm
40mm	10	20	10	17	2–8mm
45mm	7	15	10	20	2–8mm

Features:

- Securely fasten panels 2–6mm thick in 30-series profiles or 2–8mm thick in 40-series profiles
- Flush-mount panel inserts for 45-series profiles have two positions: one to hold panels 2–4mm thick, the other holds panels 5–8mm thick
- Easy snap-in installation, even after structure is built
- Panel mounts flush with profile's surface; provides clean, finished appearance
- Prevents dust and moisture migration; aluminum strip is suitable for cleanroom applications
- Does not interfere with unidirectional air flow
- Allows panel or pane replacement without disassembling structure
- Resistant to acid, caustic solutions, alcohol, mineral oil, and benzene

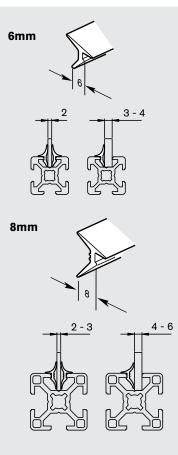


Material:

- Support strip A or C: anodized aluminum
- Glazing strip B or D: light gray polypropylene/thermoplastic elastomer

Description	Lot Size	Part Number
30-series panel support base A, 2000mm long	y 1	3 842 524 025
30-series panel glazing strip B , 2000mm long	1	3 842 524 026
40-series panel support base A, 2000mm long	y 1	3 842 529 761
40-series panel glazing strip B , 2000mm long	1	3 842 529 762
45-series panel support base C, 2000mm long	y 1	3 842 524 027
45-series panel glazing strip D , 2000mm long	1	3 842 524 028

Glazing Strip 6 8 10 + Cean



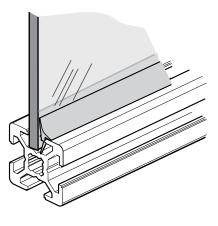
10mm

Features:

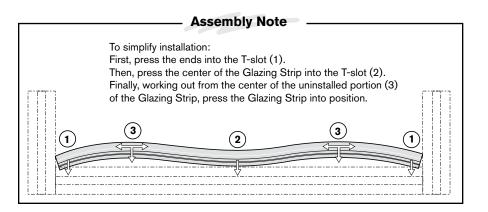
- Effectively seals panels or panes into the profile T-slot
- Available for profiles with 6mm, 8mm, or 10mm T-slots
- Can be added after a structure is assembled
- · Prevents panels from rattling
- Use one for thicker panels, or install on both sides of the panel for thinner panels
- Resistant to acid, caustic solutions, alcohol, mineral oil, and benzene

Material:

· Light gray thermoplastic elastomer

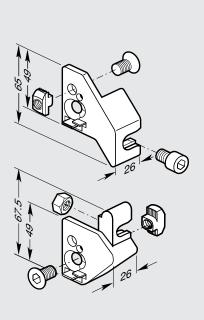


Description	Lot Size	Part Number
6mm glazing strip, 10,000mm long	1	3 842 523 493
8mm glazing strip, 10,000mm long	1	3 842 523 494
10mm glazing strip, 10,000mm long	1	3 842 527 185



Other Guarding Components

Removable Frame Brackets ⁸¹⁰

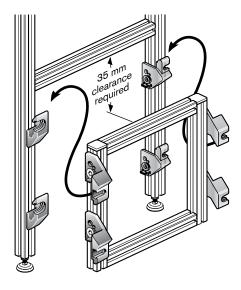


Features:

- Construct lift-off guards and panel assemblies where safety requires removal with tools
- Allows easy access to structures or machinery; simply loosen the locking screw on each bracket and lift off
- · Includes mounting hardware
- Same brackets are used for both leftand right-side mounting; simply orient 180° opposed

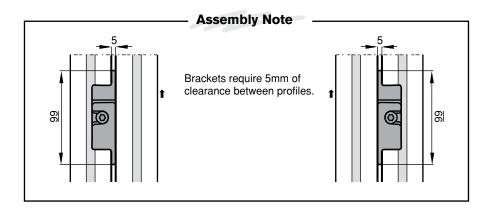
Material:

- Bracket: die-cast zinc
- Hardware: zinc-plated steel

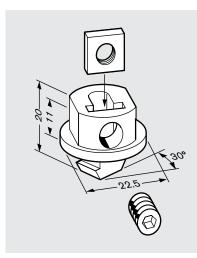


Description	Lot Size*	Part Number
Removable frame brackets for connecting pr with 45mm side to profile with 30mm side t		3 842 515 531
Removable frame brackets for connecting two profiles with 45mm sides $10 \rightarrow 10_{7}$	<i>v</i> o 4	3 842 515 863

* For smaller quantities, please contact your local distributor.



Clamp Bushing ⁸⁻¹⁰

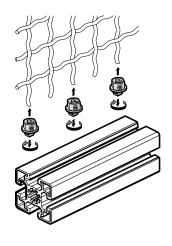


Features:

- Economical means of attaching wire mesh screens to profiles with 8mm or 10mm T-slots
- Accommodates wire diameters up to 3.1mm

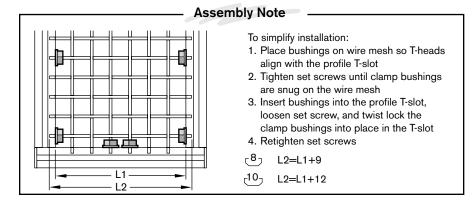
Material:

• Die-cast zinc



Description	Lot Size*	Part Number
Clamp bushing	10	3 842 515 244

* For smaller quantities, please contact your local distributor.



Notes