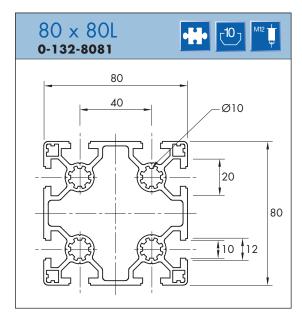
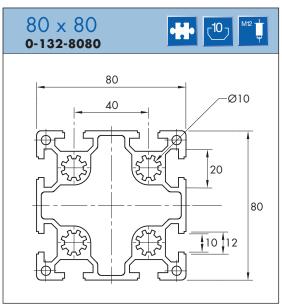
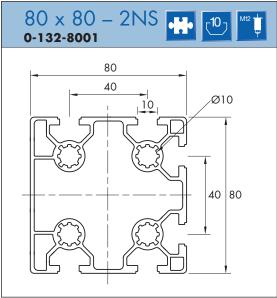


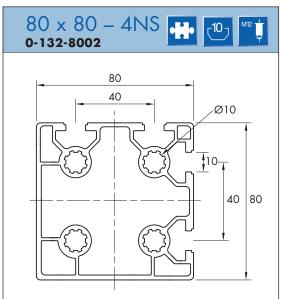
Structural Sections

Aluminium Profiles







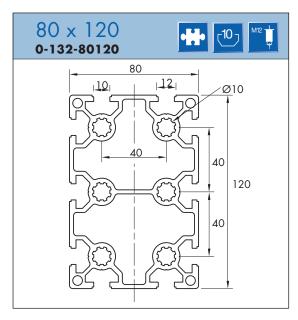


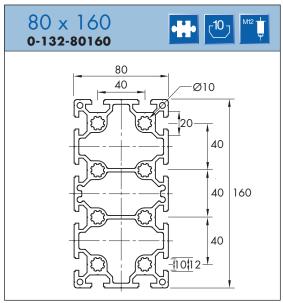
	80 x 80L	80 x 80	80 x 80 - 2NS	80 x 80 - 4NS
Max. Length	5600mm	5600mm	5600mm	5600mm
Mass	4.1kg/m	4.7kg/m	3.7kg/m	3.7kg/m
Moment of Inertia (cm⁴)	lxx 110.7	lxx 124.4	lxx 102	lxx 104
	lyy 110.7	lyy 124.4	lyy 100	lyy 104
Section Modulus (cm³)	Wxx 27.7	Wxx 31.1	Wxx 25.5	Wxx 26
	Wyy 27.7	Wyy 31.1	Wyy 25	Wyy 26

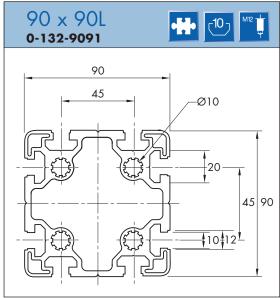


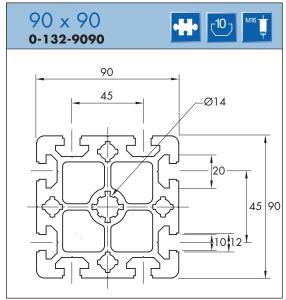
Structural Sections

Aluminium Profiles









Technical Data

	80 x 120	80 x 160	90 x 90L	90 x 90
Max. Length	5600mm	5600mm	5600mm	4000mm
Mass	6.4kg/m	9.1kg/m	5.6kg/m	9.3kg/m
Moment of Inertia (cm ⁴)	lxx 362	lxx 893	lxx 193	lxx 285
	lyy 1 <i>7</i> 6	lyy 262	lyy 193	lyy 285
Section Modulus (cm³)	Wxx 60	Wxx 111	Wxx 42.9	Wxx 63
	Wyy 44	Wyy 65.5	Wyy 42.9	Wyy 63

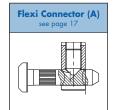
Component files can be downloaded from Hepco's website ${\bf www.HepcoMotion.com}$

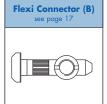
For key reference see page 1



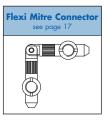
Profile Connections

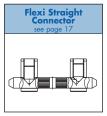
Profile Connections

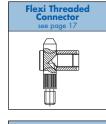














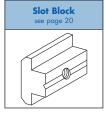








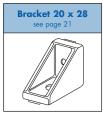




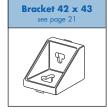






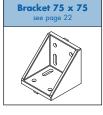


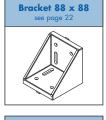




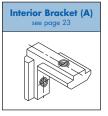


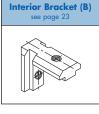




















Profile Connections

Flexi Connectors

For maximum versatility, profile position adjustment and speedy assembly simply drill dimension 'C' to suit the relevant profile with 15.1mm Ø drill available from Hepco, Part No. **1-243-5556**.

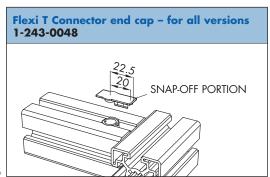
Please note:

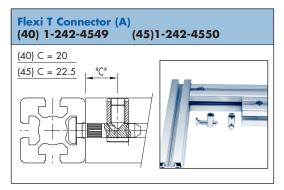
(40) refers to profiles of cross-sections 40, 80 & 160mm, (45) refers to profiles of cross-section 45, 60 & 90mm.

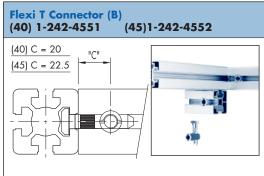
Materials are zinc plated SM20C steel.

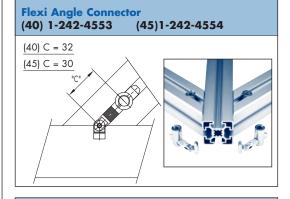
Two Position 90° and 45° Drilling Jig available (see page 24).

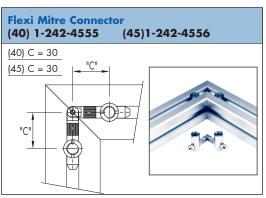
Order with Ball End Allen Key, Part No. 1-243 5555

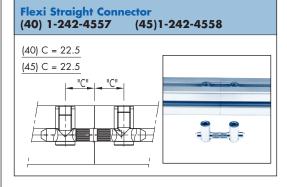


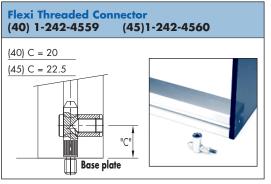






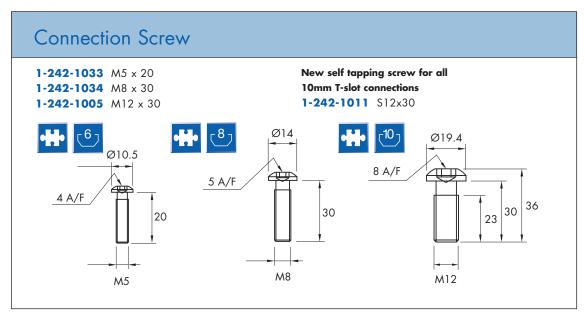


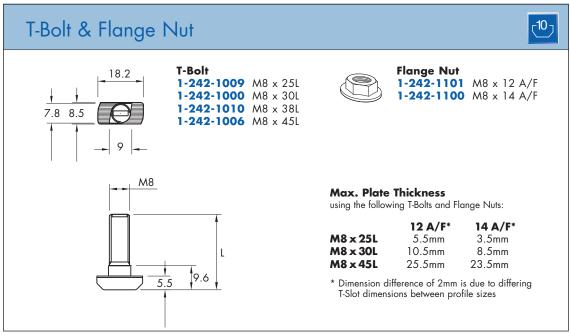






Profile Connections

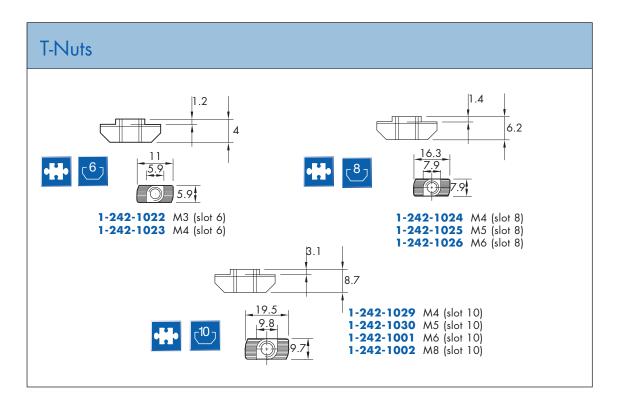


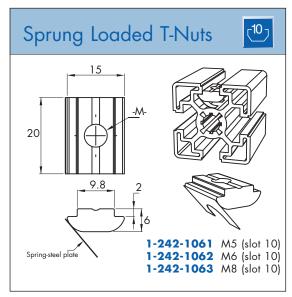


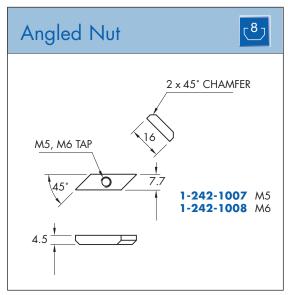
	Connection Screw	T-Bolt & Flange Nut
Material	Steel EN3B	Steel EN3B
Finish	Zinc Plated	Zinc Plated
Mass	1-242-1033 0.01kg/ea	1-242-1009 0.01kg/ea
	1-242-1034 0.01kg/ea	1-242-1000 0.01kg/ea
	1-242-1005 0.01kg/ea	1-242-1010 0.02kg/ea
	1-242-1011 0.02kg/ea	1-242-1006 0.02kg/ea



Profile Connections







Technical Data

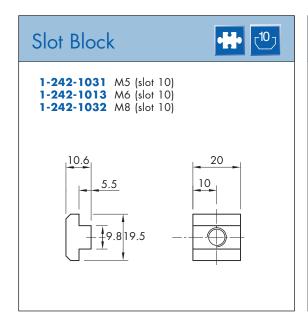
	6 T-Nut	T-Nut	T-Nut	Sprung Loaded T-Nuts	Angled Nut
Material	Steel EN3B	Steel EN3B	Steel EN3B	Steel EN3B	SteelEN3B
Finish	Zinc Plated	Zinc Plated	Zinc Plated	Zinc Plated	Zinc Plated
Mass	0.002kg/ea	0.004kg/ea	0.007kg/ea	0.013kg/ea	0.002kg/ea

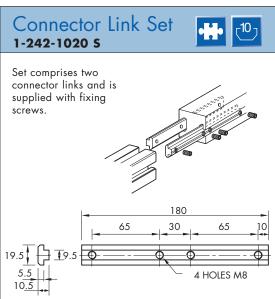
Component files can be downloaded from Hepco's website **www.HepcoMotion.com**

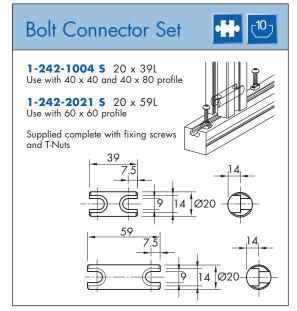
For key reference see page 1

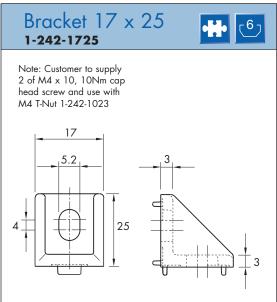


Profile Connections





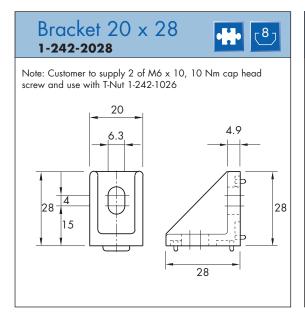


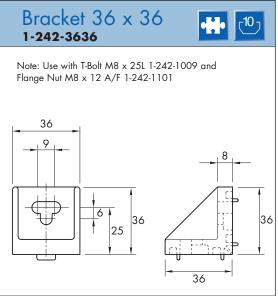


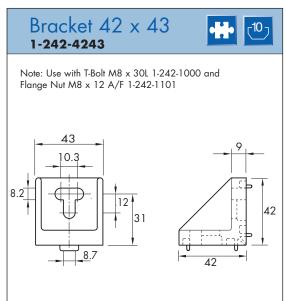
	Slot Block	Connector Link Set	Bolt Connector Set	Bracket 17x25
Material	Steel EN3B	Steel EN3B	Steel EN3B	Aluminium
Finish	Zinc Plated	Zinc Plated	Zinc Plated	None
Mass	0.02kg/ea	0.38kg/ea	39L 0.05kg/ea	0.02kg/ea
			59L 0.10kg/ea	

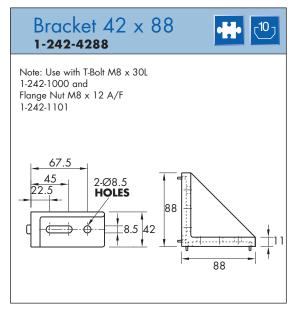


Profile Connections





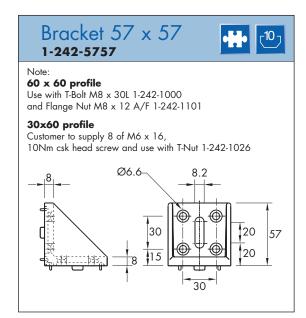


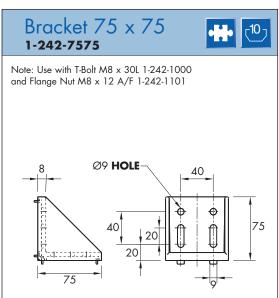


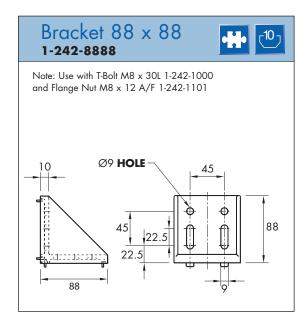
Bracket	20 x 28	36 x 36	42 x 43	42 x 88
Material	Aluminium	Aluminium	Aluminium	Aluminium
Finish	None	None	None	None
Mass	0.02kg/ea	0.04kg/ea	0.06kg/ea	0.15kg/ea

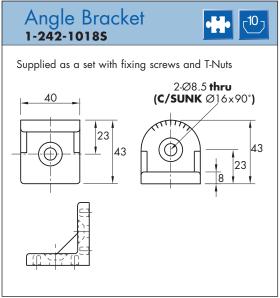


Profile Connections





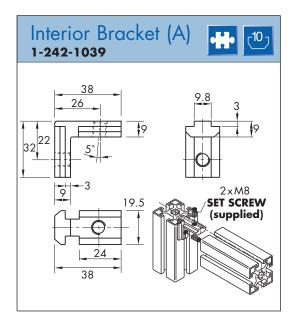


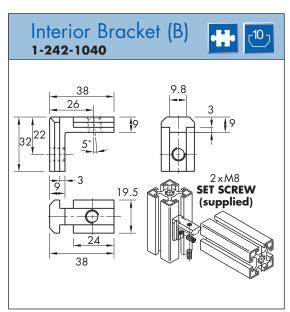


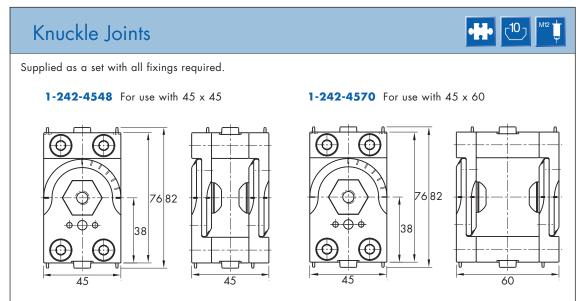
Bracket	57 x 57	75 x 75	88 x 88	Angle Bracket
Material	Aluminium	Aluminium	Aluminium	Zinc Die-cast
Finish	None	None	None	None
Mass	0.12kg/ea	0.25kg/ea	0.30kg/ea	0.10kg/ea



Profile Connections



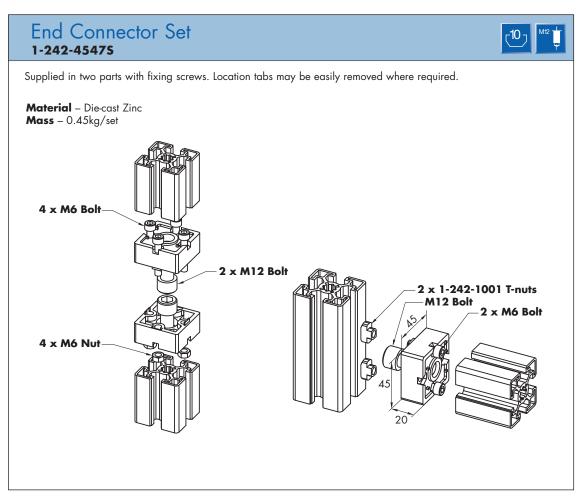




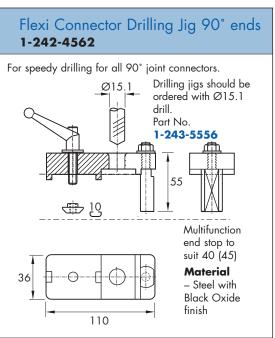
Bracket	Interior (B)	Interior (A)	Knuckle Joints
Material	Zinc Die-cast	Zinc Die-cast	Zinc Die-cast
Finish	None	None	None
Mass	0.06kg/ea	0.06kg/ea	1-242-4548 0.54kg/set
			1-242-4570 0.62kg/set



Profile Connections



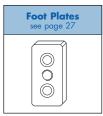
Flexi Connector Drilling Jig 45° ends 1-242-4561 For speedy drilling when using mitre connectors or angle connectors at 45°. Drilling jigs should be Ø15,1 ordered with Ø15.1 drill. Part No. 1-243-5556 Supplied with two stops to 45 suit 40 (45) 45° Materia - Steel with Black Oxide finish 110





Accessories



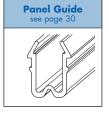


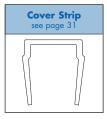






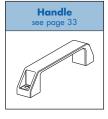




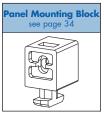
















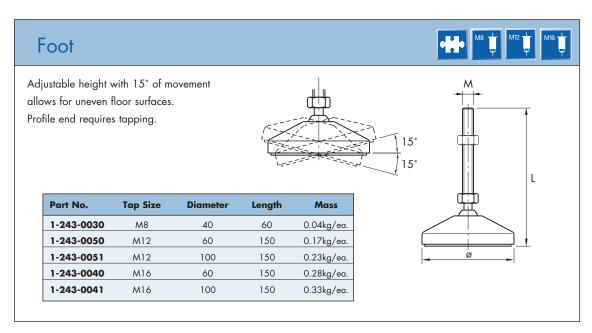
A extensive range of accessories for the **MCS System** provides professional frame finishing, allows sliding and hinged door hanging, suspension of work tools, adjustable feet for non-level floors, and location of glazing panels.

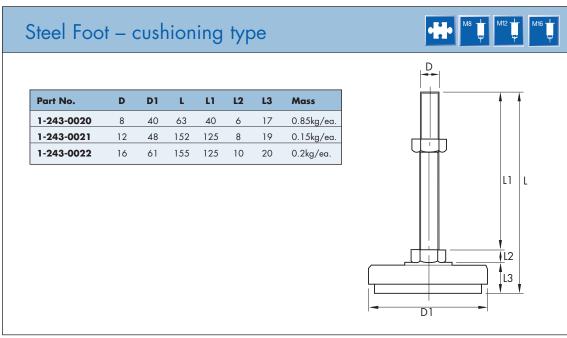
These components are precision formed using PVC, ABS plastic, or coated steel for a hard-wearing and aesthetically-pleasing result.

Hepco also offers a range of hard-wearing Castors to suit the **MCS Machine Construction System** – details of these are on page 29. Castors for more specialist uses can be easily sourced by Hepco – ask us for details if any of the standard range is not suitable for a particular application.



Accessories





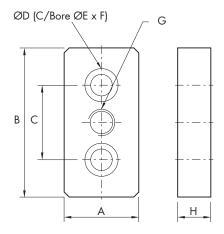
	Foot	Steel Foot
Material	Plastic and Steel	Steel and Rubber
Finish	Steel/Zinc Plated	Plated



Foot Plates

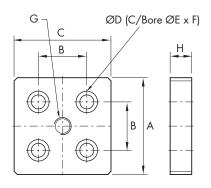


Allows assembly of Foot on rectangular profiles, which have no central fixing hole.



Part No.	Recommended for	Α	В	С	D	E	F	G	Н	Mass kg
1-243-0114	20x40	20	40	20	5.5	9.5	5.4	M8	8	0.05
1-243-0115	30x60	30	60	30	9	14	8.6	M8	12	0.17
1-243-0116	40x80	40	80	40	13	20	13	M16	20	0.5
1-243-0112	2 45x90	45	90	45	13	20	13	M16	20	0.5

Allows assembly of Foot on square profiles, which have no central fixing hole.

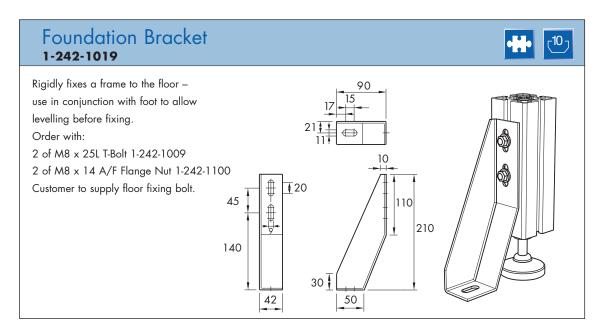


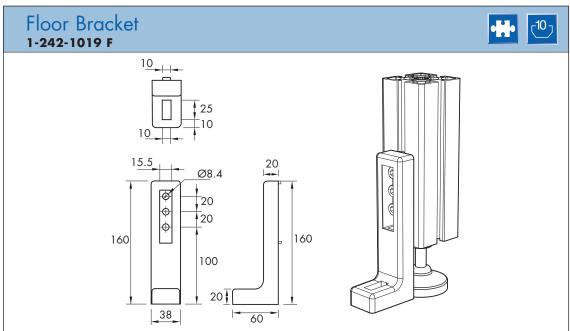
Part No.	Recommended for	Α	В	С	D	E	F	G	Н	Mass kg
1-243-0117	80x80	80	40	80	14	20	13	M16	20	1.0
1-243-0113	90x90L	90	45	90	13	20	13	M16	20	1.0

	Rectangular Foot Profile	Square Foot Profile			
Material	Steel EN32	Steel EN32			
Finish	Black Oxide	Black Oxide			



Accessories





	Foundation Bracket	Floor Bracket	
Material	Steel EN32	Zinc Die-cast	
Finish	Black Oxide	Black Powder Coated	
Mass	0.44kg/ea	0.46kg/ea	

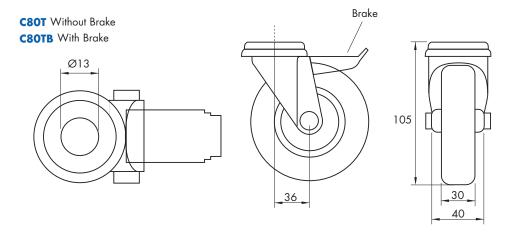


Castors

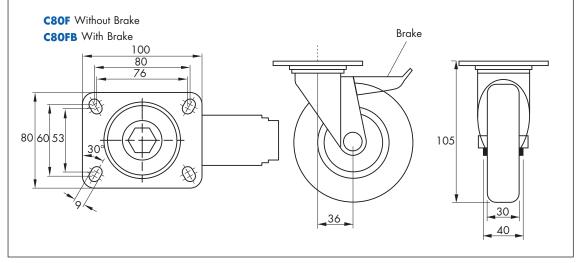




Swivel type. Through hole fixing makes these castors suitable for end fixing into profiles from 40x40L to 90x90L (using M12 cap head fixing screw). Other castors for profiles outside this range available on request, or see the flange fixing type below.



Swivel type. Flange plate fixing allows inboard mounting using the 9mm slots provided.



Technical Data

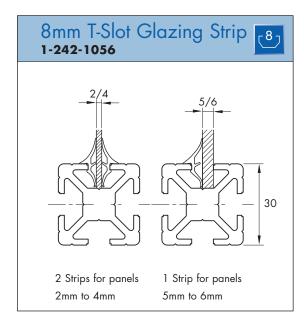
Castors	С80Т/ТВ	C80F/FB
Body	Zinc Plated Steel	Zinc Plated Steel
Wheel	Nylon	Nylon
Tyre	Polyurethane	Polyurethane
Wheel Diameter	80mm	80mm
Load Capacity	90kg/ea	90kg/ea
Mass	0.65kg/ea	0.65kg/ea

Component files can be downloaded from Hepco's website ${\bf www.HepcoMotion.com}$

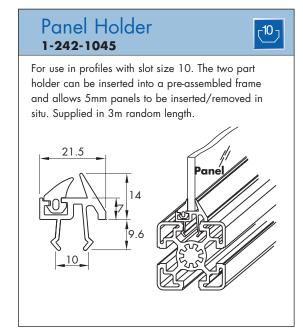
For key reference see page 1

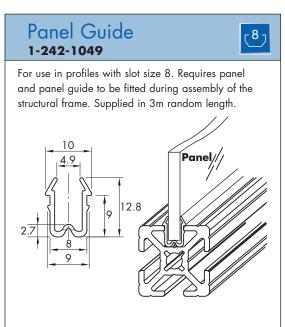


Accessories









	T-Slot Glazing Strip	Panel Holder	Panel Guide
Material	Rubber	PVC/Rubber	ABS Plastic
Finish	Black	Black	Black
Mass	-	-	-
Max. Length	Cut to length	3000mm	3000mm





Improves the appearance of the finished frames, protects T-slots from contamination and secures electrical cable. Push fit. Supplied in 3m random lengths.

New Aluminium strips for 10mm slots.



1-242-1037 For slot size 6



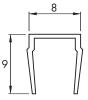
1-242-1038 For slot size 8

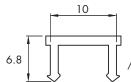


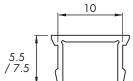
1-242-1016 For slot size 10

Aluminium 1-242-1054(40) 1-242-1055(45) For slot size 10



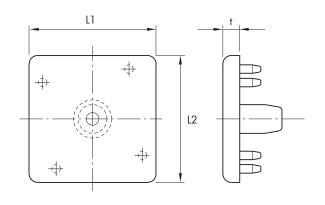






End Caps

For use with Structural Profile Sections. Push fit.



L1 x L2	t	Part No.
20 x 20	3	1-243-4049
20 x 40	3	1-243-4050
30 x 30	4	1-243-4047
30 x 60	4	1-243-4051
30 x 90	4	1-243-4056
40 x 40	4	1-243-4041
40 x 80	4	1-243-4052
40LR	4	1-243-4053
45 x 45	4	1-243-4042
45 x 60	4	1-243-4043
45 x 90	4	1-243-4044
45LR	4	1-243-4054
60 x 60	4	1-243-4045
80 x 80	4	1-243-4055
80 x 160) 4	1-243-4055 x2
90 x 90	4	1-243-4046

Technical Data

	Cover Strip	End Caps
Material	Aluminium or PVC	ABS Plastic
Finish	Anodized/Black (other colours available)	Black
Max. Length	3000mm	-
Mass	0.04kg/m	-
Mass	Aluminium 0.06kg/m	_

Component files can be downloaded from Hepco's website ${\bf www.HepcoMotion.com}$

For key reference see page 1



Accessories

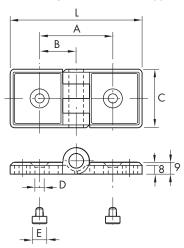
Hinge (Plastic)







Supplied individually or as a set complete with all relevant T-Nuts, screws and fixings. To order the set append part no. with an 'S'.



1-243-4048 (S)

To hinge size 30 profiles (fixed type)

1-243-4545 (S)To hinge size 45 profiles (fixed type)

1-243-4060 (S)

To hinge size 30 profile to a size 45 profile (fixed type)

(S): Complete with fixings

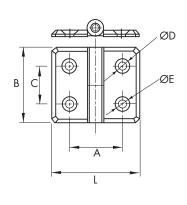
Part No.	L	Α	В	С	øD	øE
1-243-4048	61	35	17.5	40	6.2	8
1-243-4545	90	50	25	40	6.2	10
1-243-4560	74.5	42.5	17.5/25	40	6.2	8/10

Hinge (Die-cast)





All hinges supplied as a set complete with standard fixings.



1-243-6074 (S) R/H 40x40 1-243-6073 (S) L/H 40x40 To hinge size 40 (lift off type see example page 37)

1-243-7006 (S) R/H 45x45 **1-243-7005** (S) L/H 45×45 To hinge size 45 (lift off type see example page 37)

1-243-6070 (S) To hinge size 40 (fixed type)

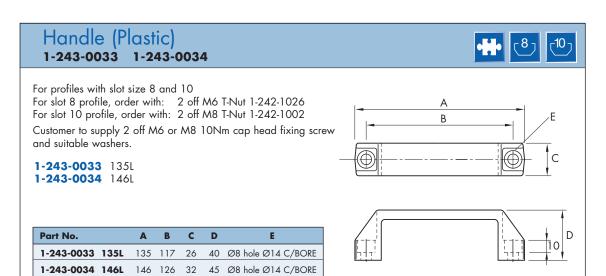
1-243-8085 (S)

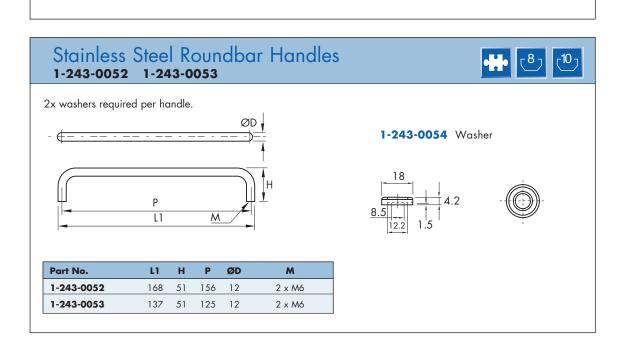
To hinge size 45 (fixed type)

Part No.	L	Α	В	С	øD	øΕ
1-243-6073(S)	70	42	60	30	12	6.2
1-243-6074(S)	70	42	60	30	12	6.2
1-243-7005(S)	80	47	60	30	12	6.2
1-243-7006(S)	80	47	60	30	12	6.2
1-243-6070(S)	70	42	60	30	12	6.2
1-243-8085(S)	80	47	60	30	12	6.2

	Hinge	Hinge 40	Hinge 45	Hinge Lift Off
Material	Nylon	Zinc Die-cast	Zinc Die-cast	Zinc Die-cast
Finish	Black	Chrome Plated	Chrome Plated	Chrome Plated
Mass	0.08kg/ea	0.13kg/ea	0.13kg/ea	0.13kg/ea



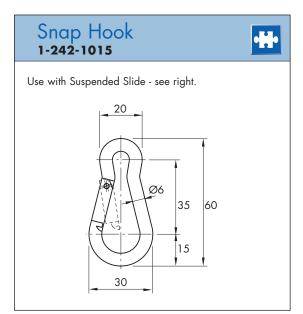


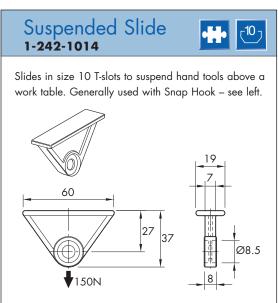


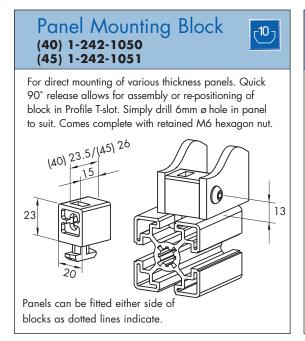
	Handle	Stainless Steel Roundbar Handles
Material	ABS Plastic	Stainless Steel
Finish	Black	-
Mass	0.04kg/ea	

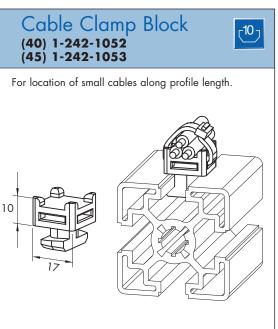


Accessories









	Snap Hook	Suspended Slide	Panel Mounting Block	Cable Clamp Block
Material	EN3B	Nylon	Nylon 66 G13	ABS Plastic
Finish	Zinc Plated	Black	Black	Black
Mass	0.03kg/ea	0.01kg/ea	-	-