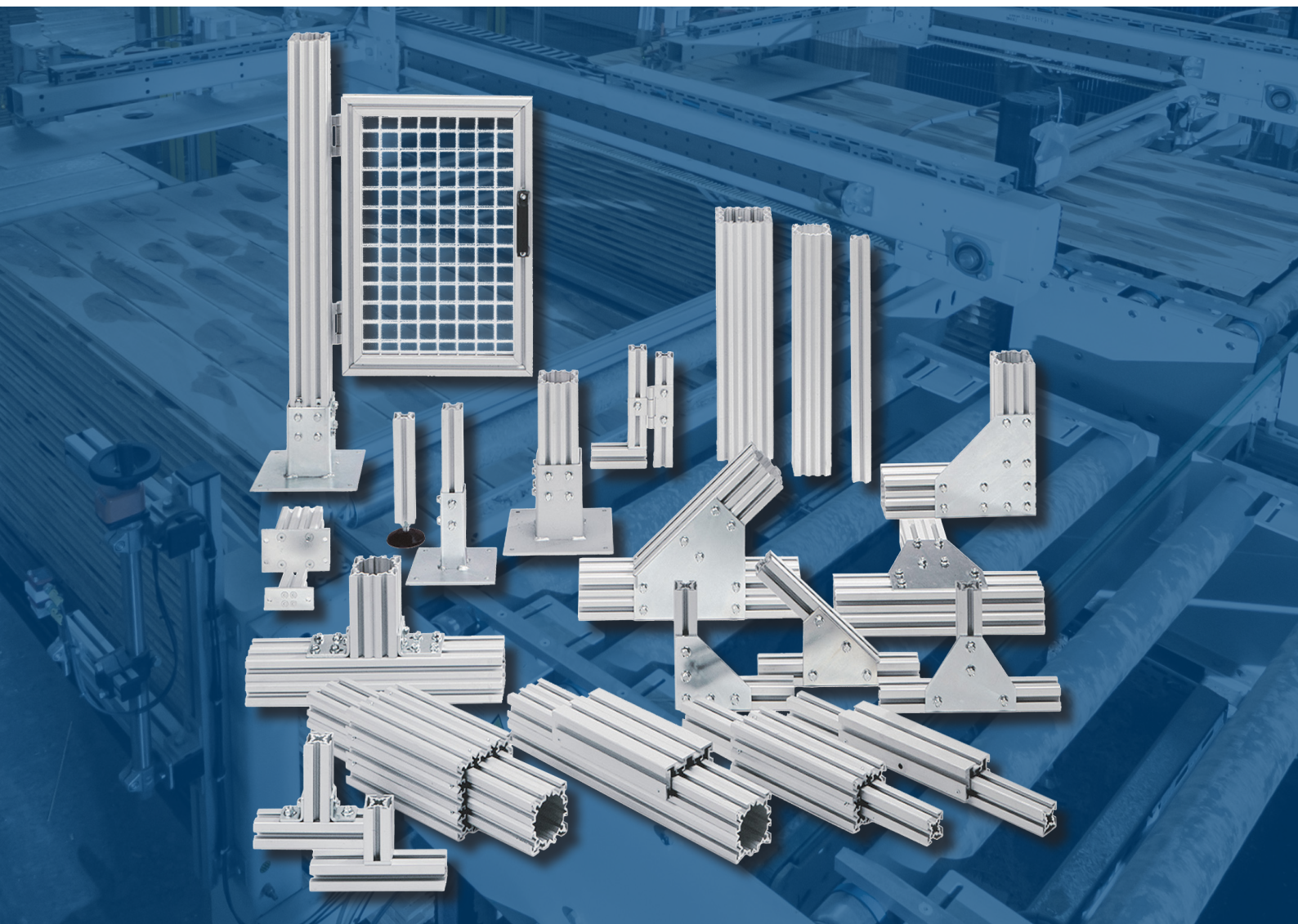




MECHPROFILE[™]

PROFILSYSTEM | ALUMINIUM

KATALOG | SV

INNEHÅLLSFÖRTECKNING

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Även om största noggrannhet företagits avseende informationen i detta dokument, fritar vi oss allt ansvar för eventuella fel. Vi förbehåller oss rätten till ändringar. Illustrationerna representerar beskrivna produkter, men levererade varor kan i något avseende avvika ifrån illustrationerna. Rätten till ändringar av design och dimensioner förbehålles jämfört med uppgifterna i dokumentet för att ej förhindra utveckling av konstruktioner, material och tillverkningsmetoder.

Kunden erinras om att det vid köp av Movomechs produkter för användning i yrket eller annorstädes finns kompletterande, aktuell information som ej kunnat medtagas i dokumentet vad gäller råd avseende varje produkts lämplighet med hänsyn till olika kombinationer av Movomechs omfattande sortiment.

All relevant information måste lämnas till de personer som är ansvariga för användningen av produkten.

ALLMÄNT OM MECHPROFILE™

MATERIALEGENSKAPER

Konstruktionsprofil i aluminium

Mechprofile-profilerna i aluminium är anodiserade och därmed underhållsfria. De är tillverkade i aluminiumlegering EN-AW 6063 T6 enligt SS-EN 755-2:2016, anodiserad färg C0 (naturlig).

Densitet	1,6 kg/m ³
Linjär utvidgning	23*10 ⁻⁶ / °C
E-modul	70 000 N/mm ²
Skjuvmodul	27 000 N/mm ²
Draghållfasthet sträckgräns	200 N/mm ²
Draghållfasthet brottgräns	230 N/mm ²

TEMPERATUR- OCH MILJÖFÖRHÅLLANDEN

Miljö- och temperaturbegränsningar

Denna produkt är avsedd för inomhusbruk i typiska industriella miljöer såsom produktionslokaler inom fordonsindustrin och allmän tillverkning.

Aluminium har hög motståndskraft mot korrosion och mot kemikalier i allmänhet, dock har det en dålig motståndskraft mot svavelsyra (våt) samt mot klorgas (våt).

Godkänt temperaturområde är +5 till +40 °C.

Atmosfärisk korrosivitetskategori C2.

Bullernivå < 70 dB (A).

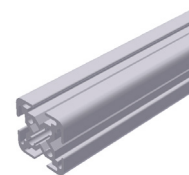
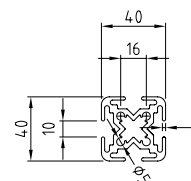
ATEX

Denna produkt är ej ATEX-klassad enligt EU-direktiven för utrustningar i explosiv atmosfär.

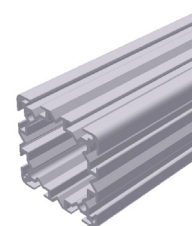
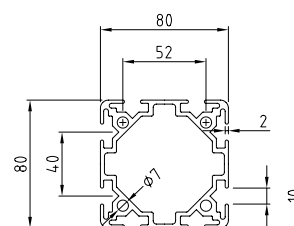
PROFILER OCH SLÄDAR

PROFILER

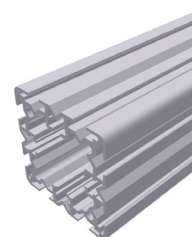
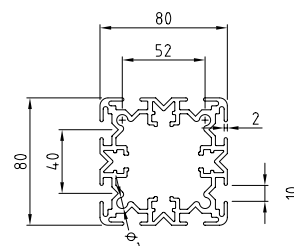
#	Max längd [mm]	Vikt [kg/m]	$I_x = I_y$ [cm ⁴]	$W_x = W_y$ [cm ³]	Anmärkning
MP40					
730103	6000	1,4	8,6	4,3	



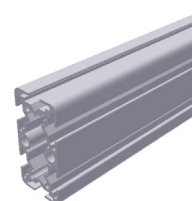
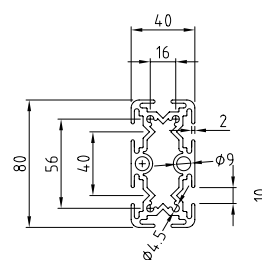
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MP80					
730188	6000	3,6	110,0	27,5	



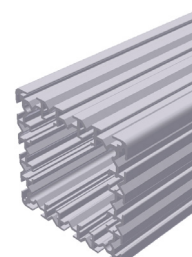
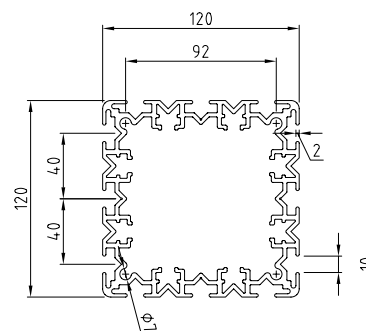
#	Max längd [mm]	Vikt [kg/m]	$I_x = I_y$ [cm ⁴]	$W_x = W_y$ [cm ³]	Anmärkning
MP81					
730184	6000	4,3	118,7	29,7	



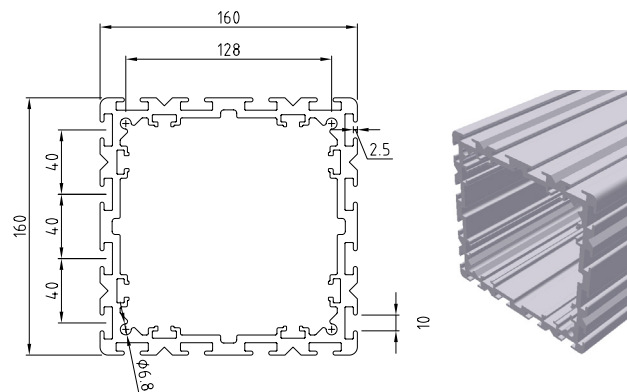
#	Max längd [mm]	Vikt [kg/m]	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Anmärkning
MP84							
730191	6000	2,9	69,0	19,2	17,3	9,6	



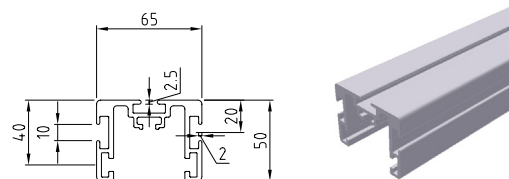
#	Max längd [mm]	Vikt [kg/m]	$I_x = I_y$ [cm ⁴]	$W_x = W_y$ [cm ³]	Anmärkning
MP120					
730112	6000	6,9	480,0	80,0	



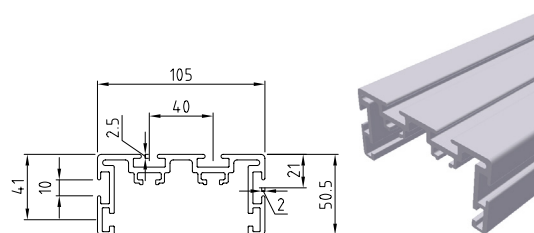
#	Max längd [mm]	Vikt [kg/m]	$I_x = I_y$ [cm ⁴]	$W_x = W_y$ [cm ³]	Anmärkning
MP160					
730166	4000	13,9	1844,0	230,0	



#	Max längd [mm]	Vikt [kg/m]	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Anmärkning
MSP40							
730159	3000	2,2	20,3	47,4	8,1	14,6	



#	Max längd [mm]	Vikt [kg/m]	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Anmärkning
MSP80							
730183	3000	2,9	26,0	95,0	8,7	19,0	

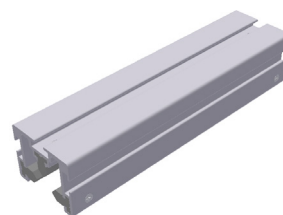
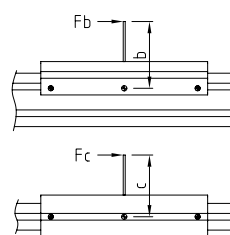
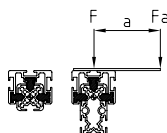
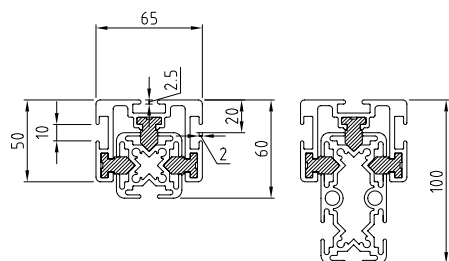
**INFORMATION**

Profilerna kan levereras tillkapade. Kapkostnad tillkommer.

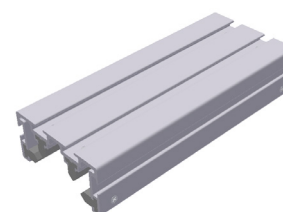
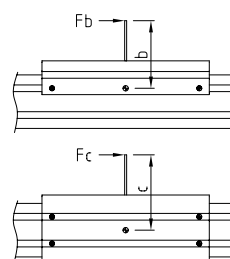
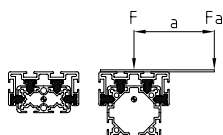
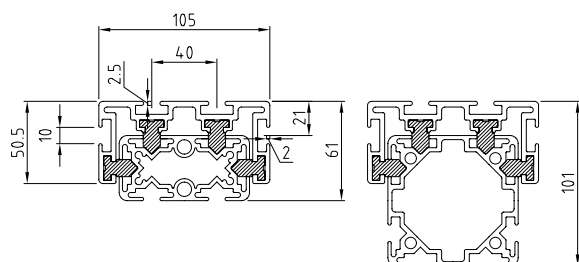
#	Anmärkning	
Tillval		
730690	Kapkostnad	Ange längd

SLÄDAR

#	Längd [mm]	$F_{\max}$ [N]	$M_{a \max}$ [Nm]	$M_{b \max}$ [Nm]	$M_{c \max}$ [Nm]	Anmärkning
MS40						
730154	250	2000	25	150	300	Passar MP40, MP84
730155	>100 <250	2000	25	60	120	Passar MP40, MP84
730156	>250 <500	2000	25	150	300	Passar MP40, MP84



#	Längd [mm]	$F_{\max}$ [N]	$M_{a \max}$ [Nm]	$M_{b \max}$ [Nm]	$M_{c \max}$ [Nm]	Anmärkning
MS80						
730176	250	4000	50	150	300	Passar MP80, MP84
730177	>100 <250	4000	50	60	120	Passar MP80, MP84
730180	>250 <500	4000	50	150	300	Passar MP80, MP84



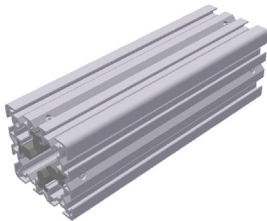
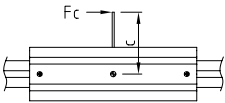
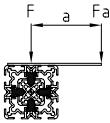
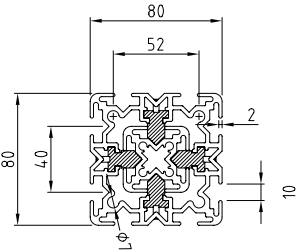
INFORMATION

$$M_{a \max} = Fa \cdot a$$

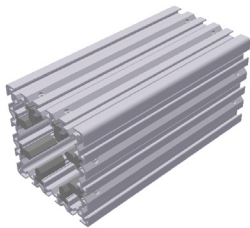
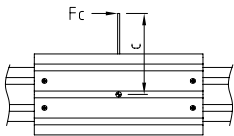
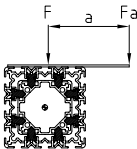
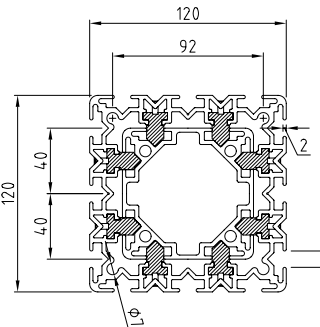
$$M_{b \max} = Fb \cdot b$$

$$M_{c \max} = Fc \cdot c$$

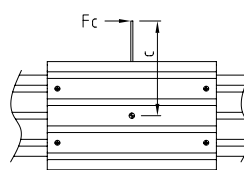
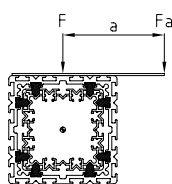
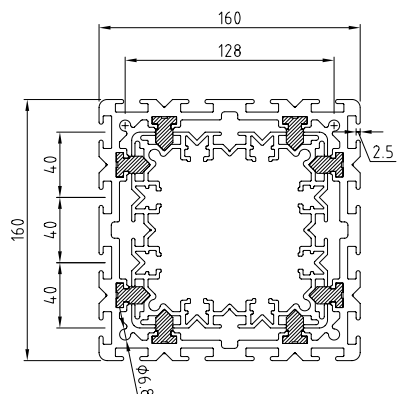
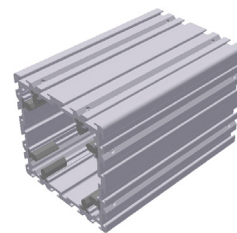
#	Längd [mm]	F_{max} [N]	$M_{a\ max}$ [Nm]	$M_{c\ max}$ [Nm]	Anmärkning
MS81					
730178	250	2000	50	300	Passar MP40
730179	>100 <250	2000	50	120	Passar MP40
730181	>250 <500	2000	50	300	Passar MP40



#	Längd [mm]	F_{max} [N]	$M_{a\ max}$ [Nm]	$M_{c\ max}$ [Nm]	Anmärkning
MS120					
730106	250	4000	200	600	Passar MP80, MP81
730107	>100 <250	4000	200	240	Passar MP80, MP81
730110	>250 <500	4000	200	600	Passar MP80, MP81

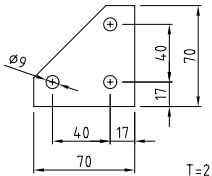
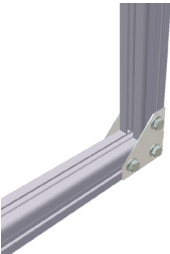


#	Längd [mm]	$F_{\max}$ [N]	$M_{a \max}$ [Nm]	$M_{c \max}$ [Nm]	Anmärkning
MS160					
730161	250	4000	350	600	Passar MP120
730162	>100 <250	4000	350	240	Passar MP120
730163	>250 <500	4000	350	600	Passar MP120



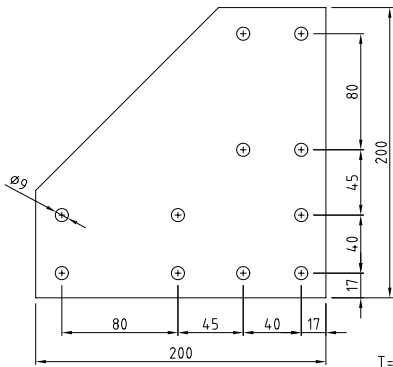
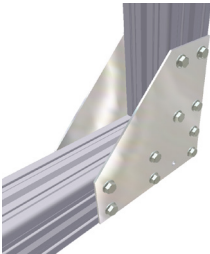
MONTAGEPLÅTAR OCH GAVLAR

MONTAGEPLÅTAR



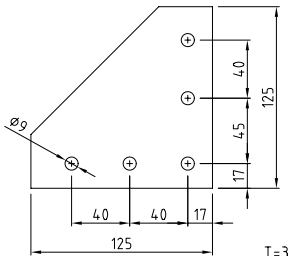
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730150 ML4190



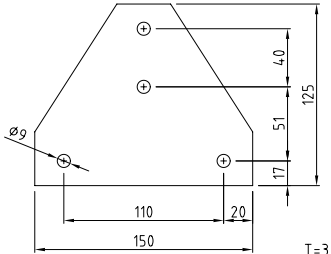
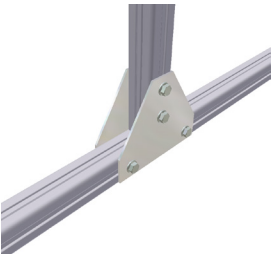
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730175 ML8090



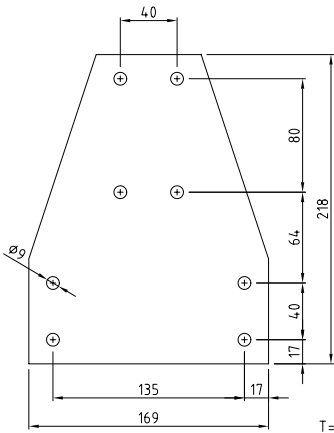
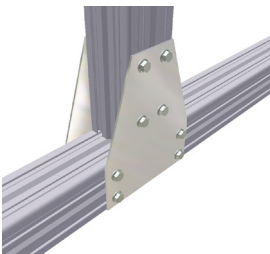
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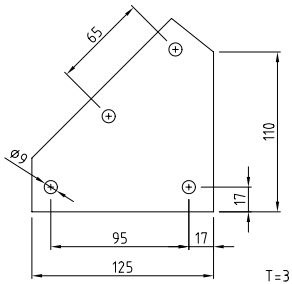
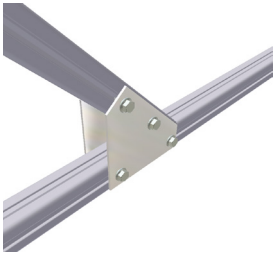
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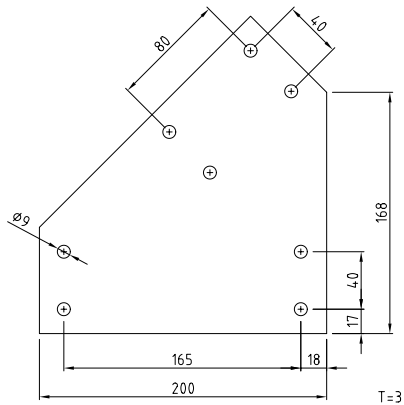
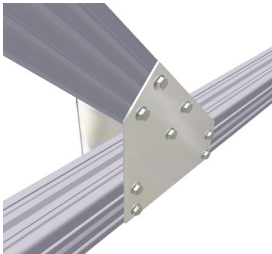
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730173 MT8090



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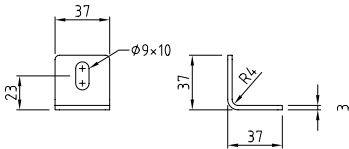
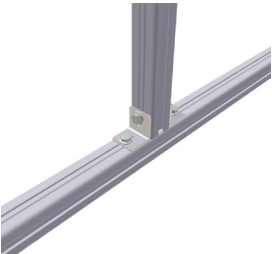
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730174 MT8045

INFORMATION

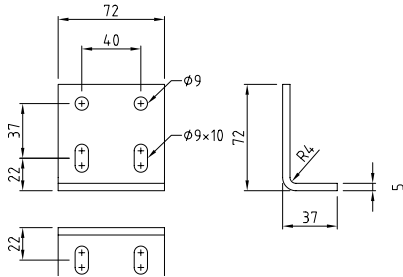
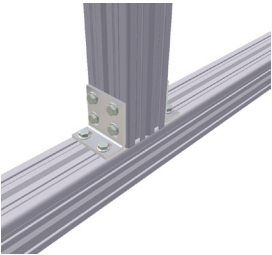
Fästelement ingår ej, se sida 17.

MONTAGEVINKLAR



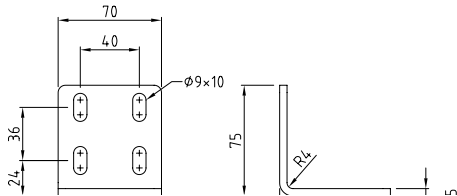
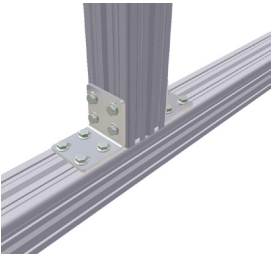
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730143	MVL40
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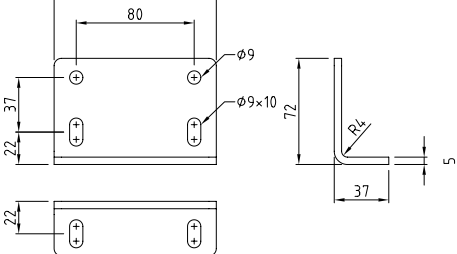
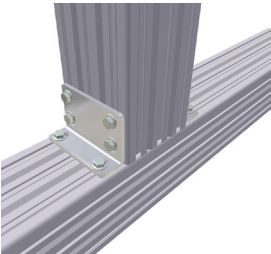
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730168	MV80
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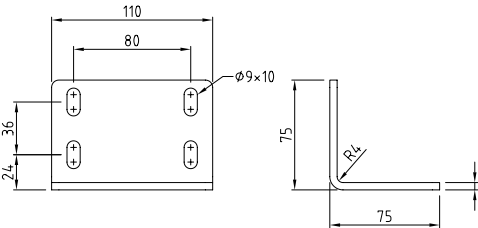
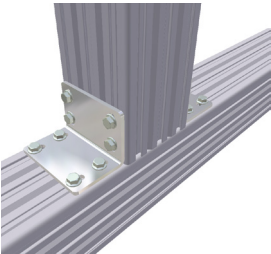
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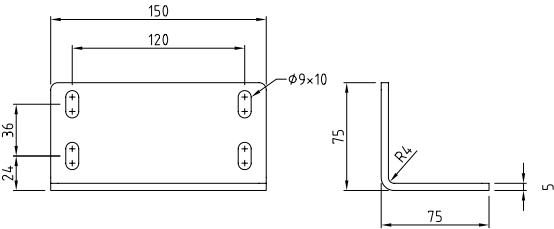
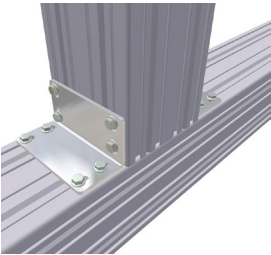
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730100 MV120



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730111 MVL120



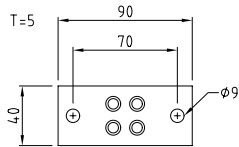
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730165 MVL160

INFORMATION

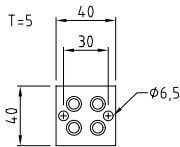
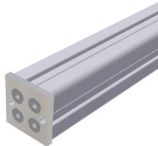
Făstelement ingâr ej, se sida 17.

GAVLAR



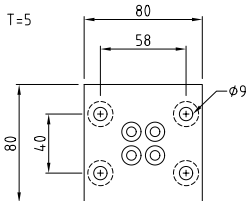
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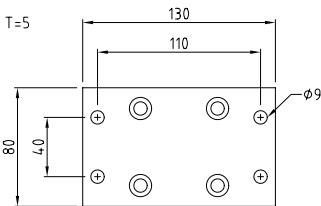
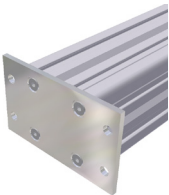
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730144	MGP41
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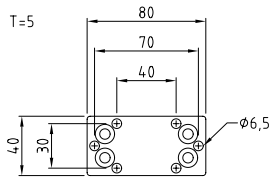
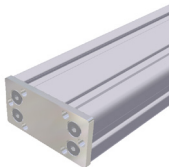
#

730157	MFP40
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#

730169	MGP80
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#

730189	MGP84
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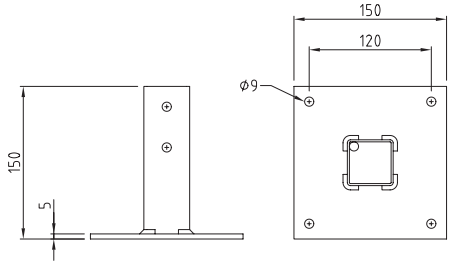
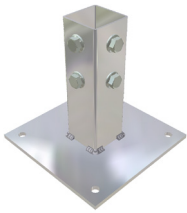
INFORMATION

Skravar för infästning mot profilen ingår (4 st).
Övriga fästelement ingår ej, se sid 17.

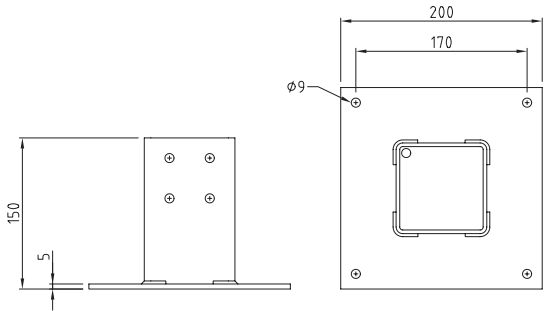
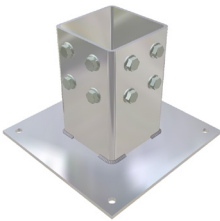
FÖTTER



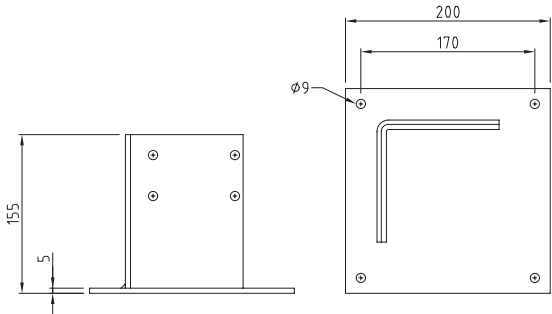
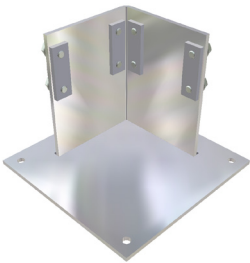
#		Anmärkning
730148	MF40	Fästelement ingår



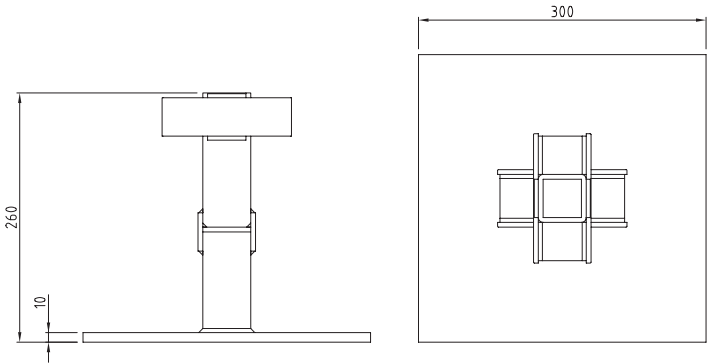
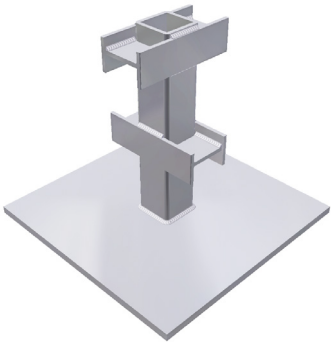
#		Anmärkning
730171	MF80	Fästelement ingår



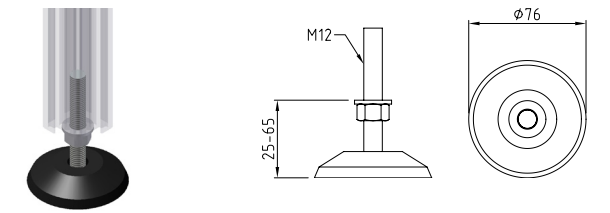
#	
730108	MF120



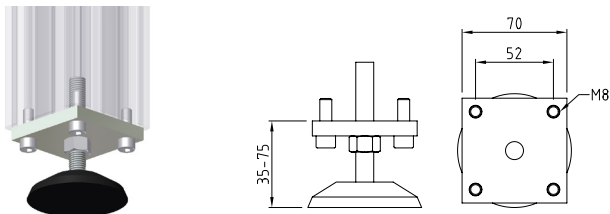
#	
733766	MF160



#
730124 MSF40



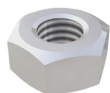
#
730126 MSF80



FÄSTELEMENT

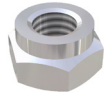
MUTTRAR

Mutter



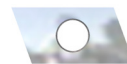
#	
730215	M8x10
730216	M8x12
730217	M8x14
730218	M8x16
730219	M8x20
730297	M8x40

Låsmutter



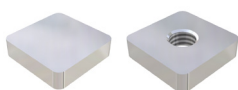
#	
731365	M4
730309	M5
730273	M6
730117	M8
730904	M10
730243	M12

T-spårmutter romboid



#	
730139	M4
730138	M5
730137	M6
730136	M8

T-spårmutter



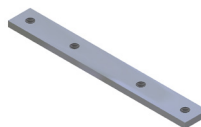
#	
730660	M0
730132	M4
730131	M5
730130	M6
730115	M8

T-spårmutter dubbel



#		c-c/L [mm]
730728	M6	30/40
730116	M8	40/60
730659	M8	80/100
731379	M8	120/140

T-spårmutter dubbel lång



#		c-c/L [mm]
730214	M8	40-60-40/160

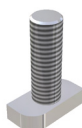
SKRUVAR

Flänsskruv



#	
730215	M8x10
730216	M8x12
730217	M8x14
730218	M8x16
730219	M8x20
730297	M8x40

T-spårsskruv



#	
730114	M8x17
730113	M8x24
732239	M8x35

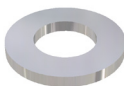
Träskruv



#	[mm]
730737	3,5x12
730738	3,5x16

BRICKOR

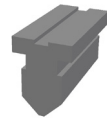
Bricka



#		[mm]
730276	M4	4,3/8x0,8
730307	M5	5,3/10x1
730268	M6	6,4/12x1,5
730308	M8	8,4/16x1,5
730549	M10	10,5/22x2
730244	M12	13/24x2

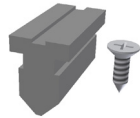
GLIDKLOTSAR

Glidklots - kapad



#	L [mm]
730735	MK40 30
730734	MK80 32,5
730736	MK120 35

Glidklots inkl. skruv



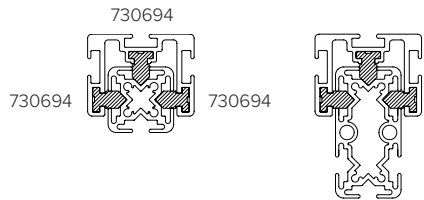
#	[mm]
730694	MK40 3,5x12
730697	MK40 3,5x16
730695	MK80 3,5x12
730698	MK80 3,5x16
730696	MK120 3,5x16

Glidklots - 1 m

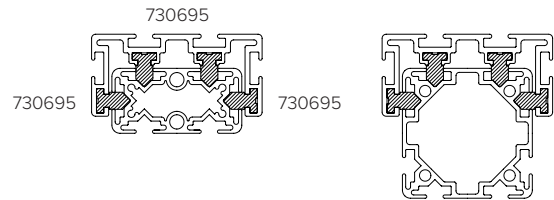


#	
730133	MK40
730134	MK80
730135	MK120

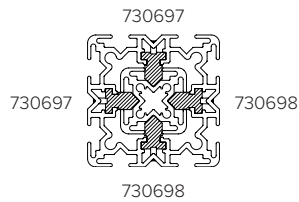
MS40



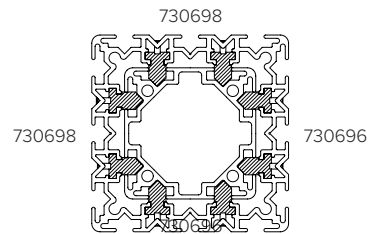
MS80



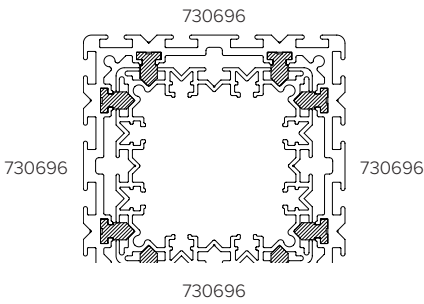
MS81



MS120

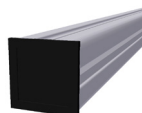


MS160



TILLBEHÖR

Ändlock



#

730142	MA40
730167	MA80

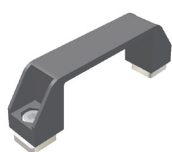
Låshandtag



#

730122	M8x20
730140	M8x40

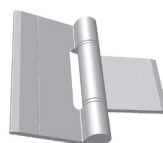
Handtag



#

730133	MH
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Gångjärn inkl. skruv



#

730120	MG
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