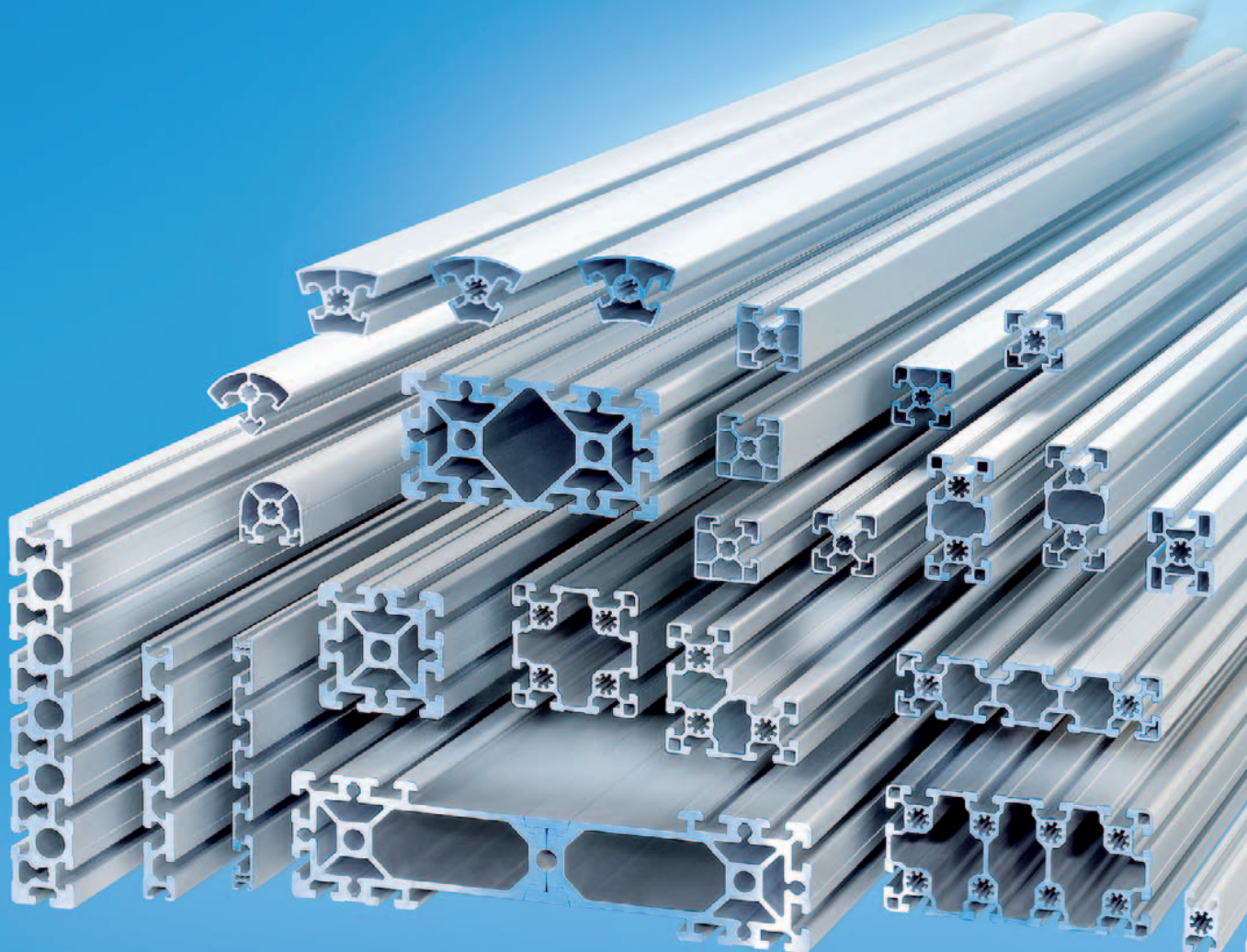
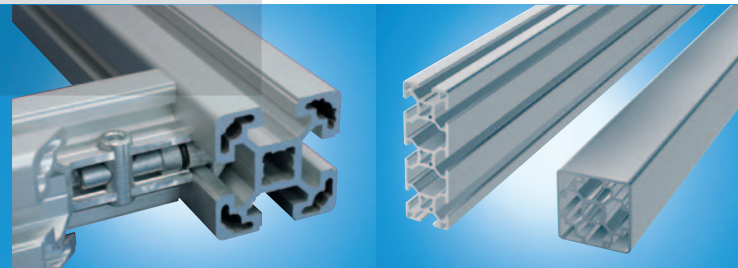


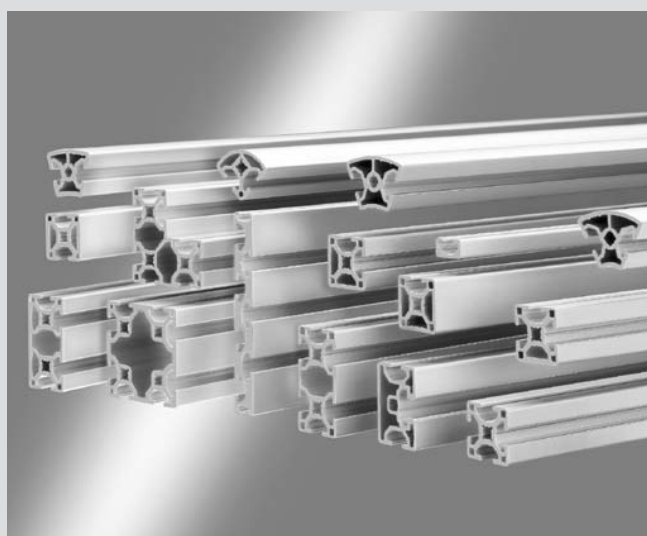
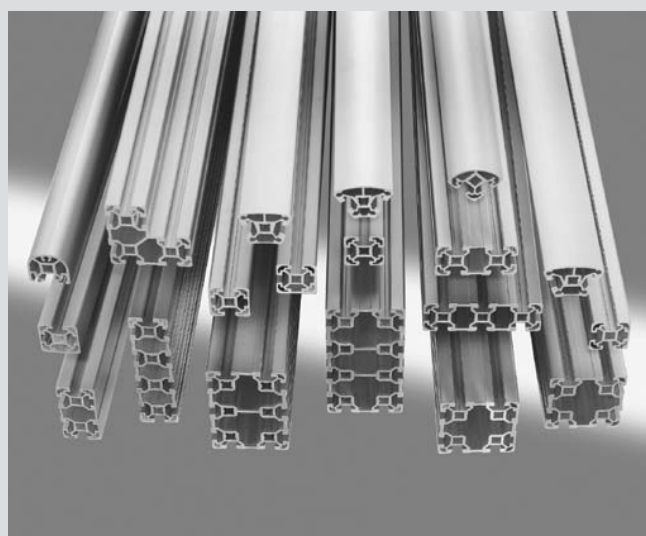
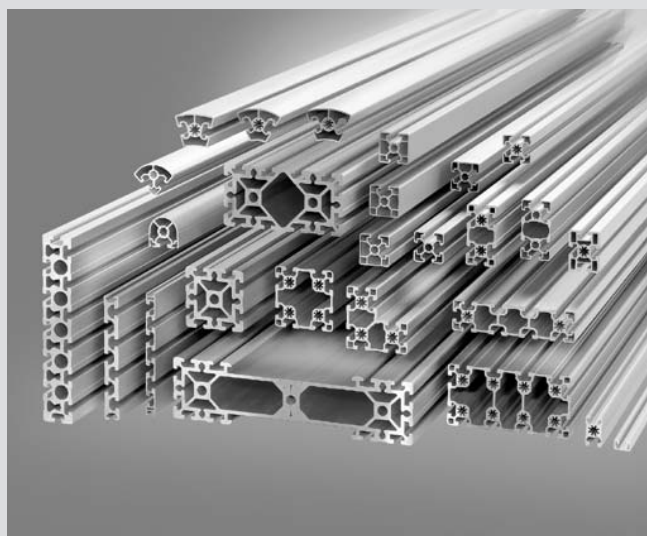
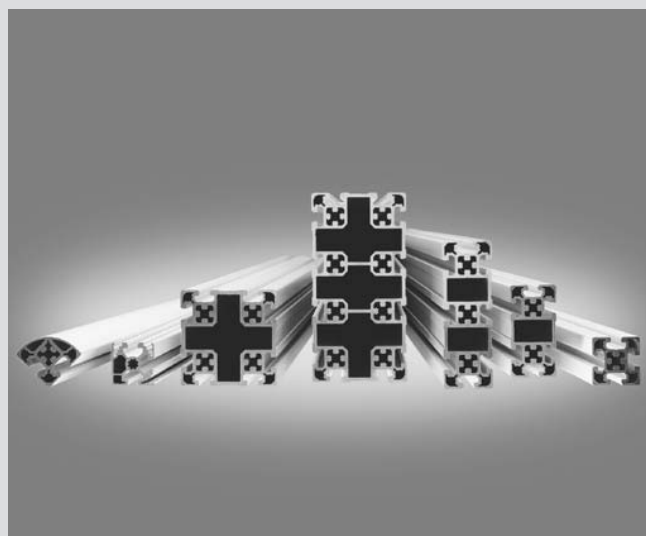
Mechanik-Grundelemente Basic Mechanic Elements Les éléments mécaniques de base

Ausgabe
Version
Version **12.1**

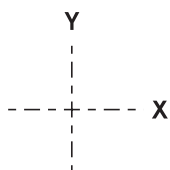
The Drive & Control Company



Profile · Profiles · Profilés

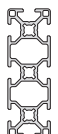
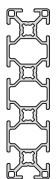
30er Profile · Profiles · Profilés**40er Profile · Profiles · Profilés****45er Profile · Profiles · Profilés****50er Profile · Profiles · Profilés**

Profile · Profiles · Profilés

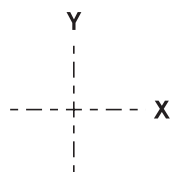


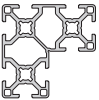
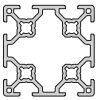
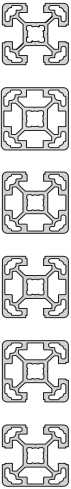
		20x20	20x20 R	20x40	20x60	20x40x40
						
Trägheitsmoment Moment of inertia Moment d'inertie	I_x [cm ⁴]	0,7	0,6	4,6	14,2	6,0
	I_y [cm ⁴]	0,7	0,6	1,2	1,7	6,0
Widerstandsmoment Section modulus Moment de résistance	W_x [cm ³]	0,7	0,5	2,5	4,7	2,6
	W_y [cm ³]	0,7	0,5	1,4	1,7	2,6
Profilfläche Profile surface Surface de profilé	A [cm ²]	1,6	1,6	2,9	3,5	4,1
Masse Mass Masse	m [kg/m]	0,4	0,4	0,8	0,9	1,1
Profilnut Profile groove Rainure de profilé	[mm]					
Seite Page Page		2-19	2-19	2-20	2-20	2-20

Profile · Profiles · Profilés

10x40	30x30	30x30°	30x45°	30x60°	30x30 R	30x60	30x90	30x120
	    					 		
3,2	2,7	3,5	3,6	3,0	2,3	19,7	60,6	136,3
0,2	2,7	3,6	5,1	4,1	2,3	5,1	7,3	9,6
	1,8	2,0	2,1	1,7	1,4	7,0	13,4	22,7
	1,8	1,9	2,3	1,9	1,4	3,9	4,9	6,4
2,1	3,1	3,6	4,0	3,6	2,9	5,6	8,0	9,9
0,6	0,8	1,0	1,1	1,0	0,8	1,5	2,1	2,7
								
2-20	2-22	2-23	2-23	2-23	2-23	2-24	2-24	2-24

Profile · Profiles · Profilés

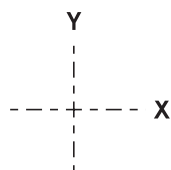
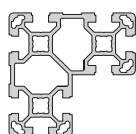
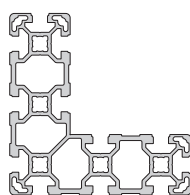
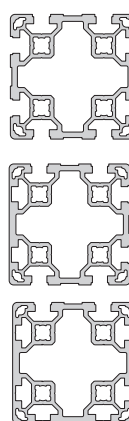
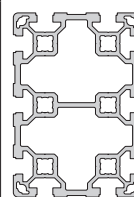


		30x60x60	30x45	60x60 8N	11x20	15x120	40x40L
							
Trägheitsmoment Moment of inertia Moment d'inertie	I_x [cm ⁴]	26,1	8,1	39,7	0,5	110,4	9,0
	I_y [cm ⁴]	26,1	3,9	39,7	0,1	2,2	9,0
Widerstandsmoment Section modulus Moment de résistance	W_x [cm ³]	7,5	3,6	13,2	0,5	18,4	4,5
	W_y [cm ³]	7,5	2,5	13,2	0,2	2,7	4,5
Profilfläche Profile surface Surface de profilé	A [cm ²]	8,2	3,9	9,8	1,0	9,0	5,6
Masse Mass Masse	m [kg/m]	2,2	1,1	2,6	0,3	2,4	1,5
Profilnut Profile groove Rainure de profilé	[mm]		 				
Seite Page Page		2-24	2-25	2-25	2-25	2-25	2-29

Profile · Profiles · Profilés

40x30°	40x45°	40x60°	40x40L R	40 HR	40x80L	40x120L	40x160L
							
9,4	9,9	8,7	7,2	8,1	63,4	203,2	466,7
11,8	16,6	13,1	7,2	7,6	17,3	27,8	37,2
4,7	4,9	4,3	3,6	4,0	15,9	33,9	58,3
5,9	8,3	6,5	3,6	3,6	8,7	13,9	18,6
6,2	6,8	6,3	5,0	5,5	9,9	15,5	20,5
1,7	1,8	1,7	1,3	1,5	2,7	4,2	5,5
							
2-30	2-30	2-30	2-30	2-30	2-31	2-32	2-32

Profile · Profiles · Profilés

**40x80x80L****40x120x120L****80x80L****80x120L**

Trägheitsmoment
Moment of inertia
Moment d'inertie

 I_x [cm⁴]**96,6****318,0****132,1****389,3** **I_y [cm⁴]****96,6****318,0****132,1****192,8**

Widerstandsmoment
Section modulus
Moment de résistance

 W_x [cm³]**24,1****42,2****33,0****64,8** **W_y [cm³]****24,1****42,2****33,0****48,2**

Profilfläche
Profile surface
Surface de profilé

A [cm²]**15,4****24,6****18,2****25,5**

Masse
Mass
Masse

m [kg/m]**4,1****6,7****4,9****6,9**

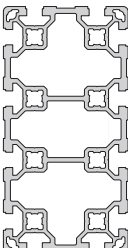
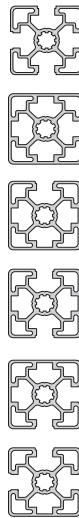
Profilnut
Profile groove
Rainure de profilé

[mm]

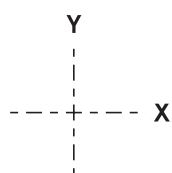
Seite
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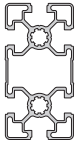
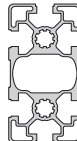
2-31**2-33****2-33****2-34**

Profile · Profiles · Profilés

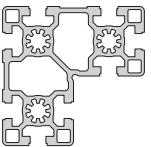
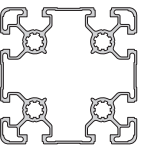
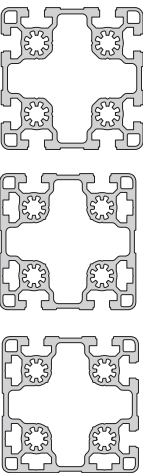
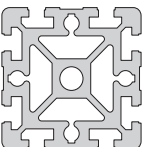
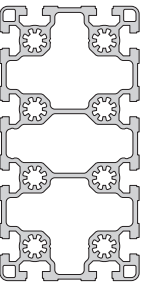
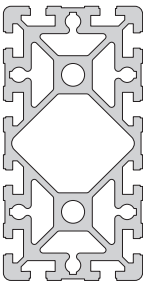
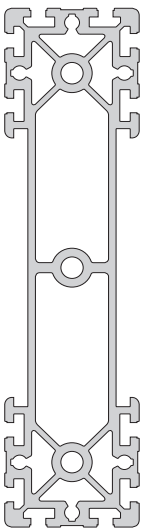
80x160L	45x45L	45x30°	45x45°	45x60°	45x45L R	45 HR	45x45
							
850,8	11,0	12,7	13,4	11,4	8,5	11,0	14,0
253,4	11,0	15,2	21,4	17,0	8,5	10,7	14,0
106,4	4,8	5,0	5,2	4,4	5,0	4,4	6,1
63,4	4,8	5,3	6,4	5,2	5,0	4,7	6,1
32,9	5,7	6,9	7,6	6,8	4,9	6,6	7,5
8,9	1,5	1,8	2,0	1,8	1,3	1,8	2,0
							
2-34	2-35	2-36	2-36	2-36	2-36	2-36	2-37

Profile · Profiles · Profilés

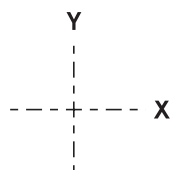


		45x60	45x90SL	45x90L	45x90	45x180
				  		
Trägheitsmoment Moment of inertia Moment d'inertie	I_x [cm ⁴]	37,2	73,4	81,9	125,0	766,7
	I_y [cm ⁴]	22,7	18,1	23,6	32,8	57,3
Widerstandsmoment Section modulus Moment de résistance	W_x [cm ³]	12,4	16,3	18,2	27,7	85,1
	W_y [cm ³]	10,1	8,0	10,5	14,6	25,4
Profilfläche Profile surface Surface de profilé	A [cm ²]	11,0	9,0	11,2	15,6	25,5
Masse Mass Masse	m [kg/m]	3,0	2,4	3,1	4,2	6,9
Profilnut Profile groove Rainure de profilé	[mm]					
Seite Page Page		2-37	2-38	2-38	2-39	2-39

Profile · Profiles · Profilés

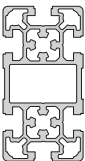
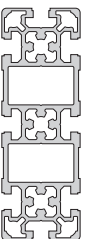
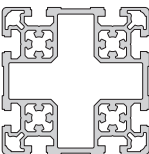
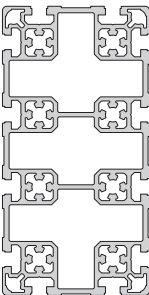
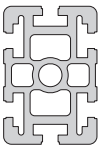
45x270	45x90x90L	90x90SL	90x90L	90x90	90x180L	90x180	90x360
							
3962,0	152,1	129,0	210,0	299,8	1380,0	2138,3	14065,0
118,0	152,1	129,0	210,0	299,8	401,0	544,3	710,0
300,2	29,1	28,6	46,4	67,0	153,3	237,6	781,4
61,5	29,1	28,6	46,4	67,0	89,1	121,0	157,7
61,8	21,0	13,9	23,6	39,5	42,9	63,6	90,2
16,7	5,7	3,8	6,3	10,5	11,6	17,2	24,4
							
2-39	2-40	2-41	2-41	2-42	2-43	2-43	2-44

Profile · Profiles · Profilés

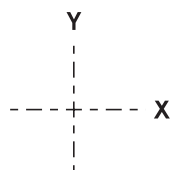


		15x22,5 	15x180 	22,5x45 	22,5x180 	50x50L 
Trägheitsmoment Moment of inertia Moment d'inertie	I_x [cm ⁴]	0,8	303,5	7,1	581,0	21,2
	I_y [cm ⁴]	0,3	3,1	2,9	11,8	21,2
Widerstandsmoment Section modulus Moment de résistance	W_x [cm ³]	0,7		3,6	66,8	8,5
	W_y [cm ³]	0,4		2,6	14,7	8,5
Profilfläche Profile surface Surface de profilé	A [cm ²]	1,2	11,6	4,6	21,6	9,3
Masse Mass Masse	m [kg/m]	0,3	3,1	1,3	5,8	2,5
Profilnut Profile groove Rainure de profilé	[mm]					
Seite Page Page		2-45	2-45	2-46	2-46	2-47

Profile · Profiles · Profilés

50x100L	50x150L	100x100L	100x200L	60x60L	60x60	60x90	50x50	30x100
								
162,8	540,0	318,3	2133,1	32,4	52,0	212,4	15,1	88,8
42,6	64,2	318,3	602,1	32,4	52,0	88,5	15,1	9,2
32,6	72,0	63,7	213,3	10,8	17,3	47,2	5,7	17,8
17,0	25,7	63,7	120,4	10,8	17,3	29,5	5,7	6,0
17,2	25,7	29,9	54,0	9,6	14,4	25,3	4,5	9,7
4,6	6,9	8,1	14,6	2,6	3,9	6,8	1,2	2,6
								
2-47	2-47	2-48	2-48	2-49	2-49	2-49	2-50	2-58

Profile · Profiles · Profilés



		30x30 WG40	30x30 WG30	30x45 WG40	30x45 WG30
					
Trägheitsmoment Moment of inertia Moment d'inertie	I_x [cm ⁴]	2,4	2,5	6,9	7,3
	I_y [cm ⁴]	2,9	3,0	4,1	4,2
Widerstandsmoment Section modulus Moment de résistance	W_x [cm ³]	1,5	1,6	4,3	3,2
	W_y [cm ³]	1,8	1,9	1,8	2,7
Profilfläche Profile surface Surface de profilé		A [cm ²]	3,2	4,5	4,5
Masse Mass Masse		m [kg/m]	0,9	0,9	1,2
Profilnut Profile groove Rainure de profilé		[mm]	 		 
Seite Page Page		10-7	10-7	10-7	10-7

Profile · Profiles · Profils



Profile · Profiles · Profilés

Endenbearbeitung

End finishing

Usinage des extrémités

■ Bei Rexroth finden Sie für jede Anwendung immer die passende Verbindungstechnik zum Zusammenbau der Profile. Einige dieser Verbindungsarten setzen eine Bearbeitung der Profile voraus. Sie erhalten die Profile auf Wunsch gratfrei plangesägt, fertig bearbeitet mit Fräsung, Bohrung oder Gewinde vom Rexroth-Vertragshändler. Dazu brauchen Sie uns nur eine einzige Bestellnummer anzugeben! Das ist risikolos und entlastet Sie in Ihrer Fertigung. Bei Strebenprofilen mit mehreren Kernlöchern und mehreren Nuten wird die Endenbearbeitung (Gewindeschneiden, Bohrung) in allen Nuten oder Kernlöchern ausgeführt. Falls Sie die Endenbearbeitung der Profile selbst ausführen wollen, finden Sie dazu Bohrhilfen und Werkzeuge in Kapitel 16.

Profillängen

Die Längenangabe der Profilpackeinheiten bezieht sich auf die garantierte Nutzlänge. Wir liefern die Profile in der Regel mit einer Überlänge von bis zu 100 mm aufgrund fertigungsbedingter Kontaktstellen an beiden Profilenden.

■ Whatever application you have in mind, you can always find suitable connection technology from Rexroth for joining profiles together. For some of these methods the profiles need special finishing beforehand.

The profiles can be supplied by your authorized Rexroth dealer as you require them, sawn off smooth and flat, finished with milling or drilled or threaded holes. All this takes is for you to quote us just one part number! There are no risks involved and production is simplified for you.

On strut profiles with several central bores and several grooves, the end finishing (cutting threads, boring holes) is carried out in all the grooves or central bores.

If you would prefer to carry out the end finishing on the profiles yourself, you can find all the drilling equipment and tools you require in chapter 16.

Profile lengths

The length information for the profile packing units refers to the guaranteed useful length.

We usually supply profiles with an excess length of up to 100 mm, due to contact points on both profile ends caused during production.

■ Chez Rexroth, vous trouverez toujours une technique de jonction pour les applications les plus disparates qui convient pour l'assemblage des pro-filés. Avec certaines techniques de jonction, les profilés doivent subir un procédé d'usinage particulier.

Les profilés sont disponibles chez les concessionnaires Rexroth sur demande sans bavure, avec surfaces planes rectifiées à la scie, entièrement finis, fraisés, alésés ou avec filetage. Pour cela, il vous suffit tout simplement de donner le numéro de référence! C'est sans risque et votre production sera moins surchargée.

En ce qui concerne les profilés d'étagage disposant de plusieurs avant-trous et de rainures, l'usinage des extrémités (taraudage, alésage) est effectué sur toutes les rainures ou les avant-trous.

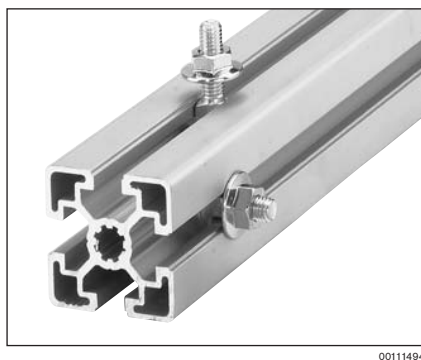
Si vous préférez effectuer l'usinage des extrémités des profilés vous-même, vous trouverez le matériel d'alésage et l'outillage dans le chapitre 16.

Longueurs des profilés

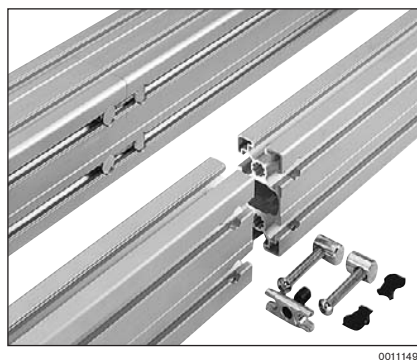
La longueur indiquée sur les unités de conditionnement de profilés se rapporte à la longueur utile garantie.

En règle générale, nous livrons les profilés avec une surlongueur pouvant aller jusqu'à 100 mm en raison des points de contact aux deux extrémités de profilé causés durant la fabrication.

Profile · Profiles · Profilés



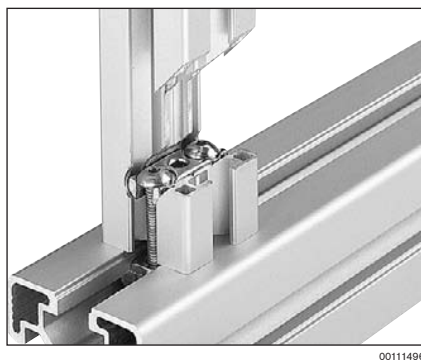
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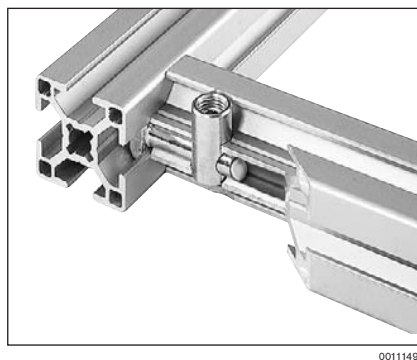
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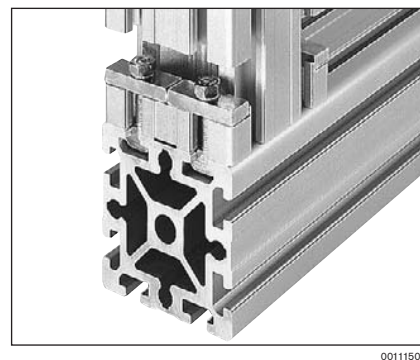
00111497



00111496



00111499



00111500

Mit Quick & Easy steht Ihnen die größte Bandbreite individuell konfigurierter Profilbearbeitungen von Rexroth zur Verfügung. Alle Details finden Sie im Quick & Easy-Katalog (3 842 540 238) unter www.boschrexroth.com/mediadirectory.

Quick & Easy provides you with the largest range of individually configured profile finishes from Rexroth. You can find all the details in the Quick & Easy catalog (3 842 540 286) at www.boschrexroth.com/mediadirectory.

Avec Quick & Easy, vous disposez de la plus large palette d'usages de profilés à configuration personnalisable par Rexroth. Vous trouverez tous les détails dans le catalogue Quick & Easy (3 842 540 287) sur www.boschrexroth.com/mediadirectory



Besonders komfortabel bestellen Sie über unseren Online-Shop unter www.boschrexroth.com/eShop

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Votre confort particulier : passer vos commandes via notre boutique en ligne sur www.boschrexroth.com/eShop



Profile · Profiles · Profilés

Strebenprofile mit 6er-Nut

Strut profiles with 6 mm groove

Profilés d'étagage à rainure de 6 mm

Strebenprofile mit der 6er-Nut für leichte Konstruktionen, wie Stative und Laboraufbauten. Die Profile 20x40 und 20x60 sind besonders zum Aussteifen geeignet, das Profil 20x40x40 zum Bau von Vitrinen, Regalen und Umhausungen.

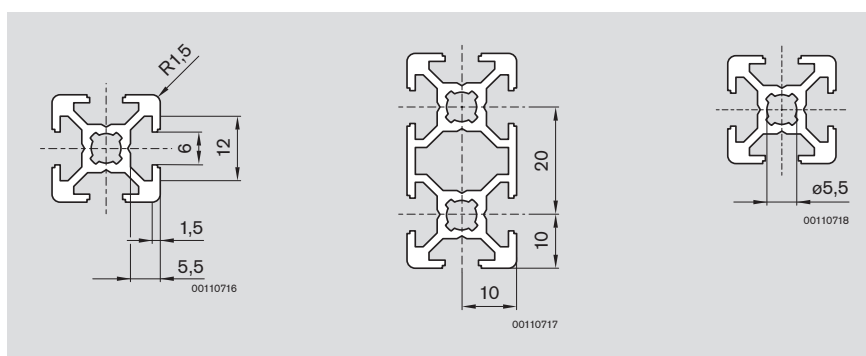
Strut profiles with a 6mm groove for light-weight constructions such as tripods and laboratory fixtures. The 20x40 and 20x60 profiles are particularly suitable for reinforcing, the 20x40x40 profile for building showcases, shelves and housings.

Des profilés de soutènement avec une rainure de 6 pour les constructions légères comme pour les supports et les superstructures de laboratoires. Les profilés 20x40 et 20x60 se prêtent particulièrement au raidissement, le profilé 20x40x40 à la construction de vitrines, rayonnages et coffrages.

Nut, Rastermaß, Zentralbohrung

Groove, modular dimension, central bore

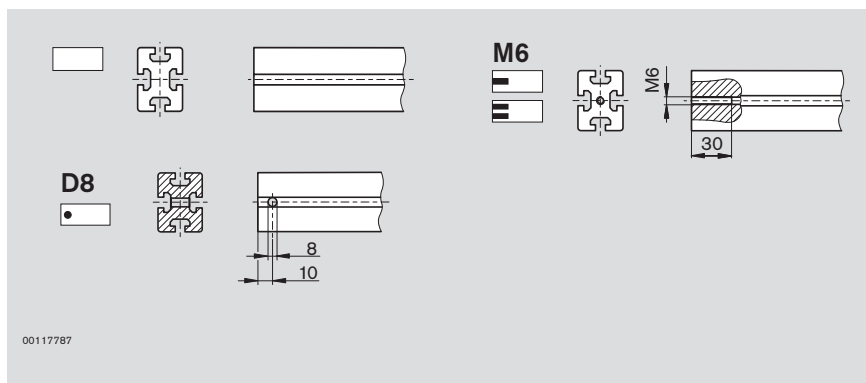
Rainure, cote de trame, alésage central



Endenbearbeitung

End finishing

Usinage des extrémités



Weitere Bearbeitungen werden von Ihrem Vertriebspartner realisiert.

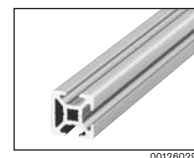
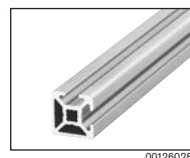
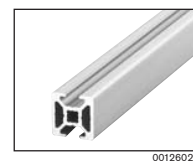
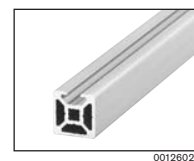
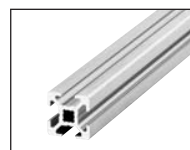
Other finishes can be carried out by your authorized dealer.

Votre partenaire de distribution se chargera de la réalisation de la suite des étapes de la mise en œuvre.

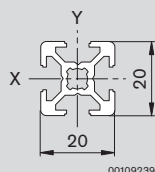
Profile · Profiles · Profilés

20x20

20x20R

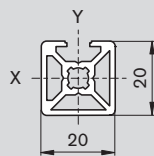


20x20



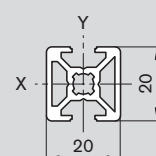
00109239

20x20 1N



00117773

20x20 2N



00117774

2

20x20

	LE 1 x L = ... mm
	3 842 992 888 / ...
M6	3 842 993 230 / ...
M6 M6	3 842 993 231 / ...
D8	3 842 993 493 / ...
M6 D8	3 842 993 494 / ...
D8 D8	3 842 993 495 / ...
D8 D8V	3 842 993 496 / ...
	50 mm ≤ L ≤ 3000 mm

	LE 20 x L = 3000 mm
	3 842 517 179

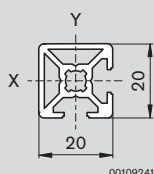
20x20 1N

	LE 1 x L = ... mm
	3 842 993 421 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 20 x L = 3000 mm
	3 842 536 475

20x20 2N

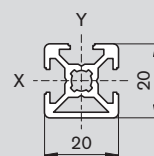
	LE 1 x L = ... mm
	3 842 993 422 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 20 x L = 3000 mm
	3 842 536 478

20x20 2NVS



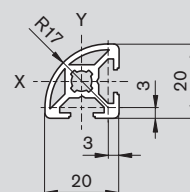
00109241

20x20 3N



00109240

20x20 R



00109242

20x20 2NVS

	LE 1 x L = ... mm
	3 842 992 924 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 20 x L = 3000 mm
	3 842 519 658

20x20 3N

	LE 1 x L = ... mm
	3 842 992 889 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 20 x L = 3000 mm
	3 842 517 180

20x20 R

	LE 1 x L = ... mm
	3 842 992 890 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 20 x L = 3000 mm
	3 842 517 183

2-4,
16-2

2-18



2-18



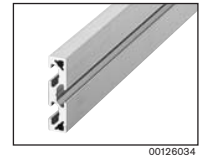
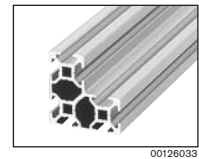
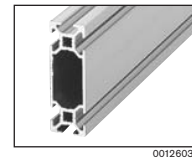
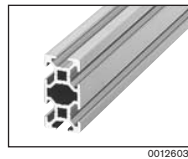
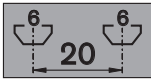
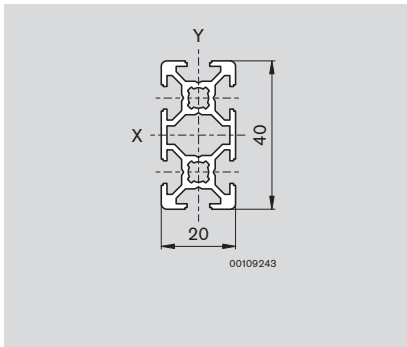
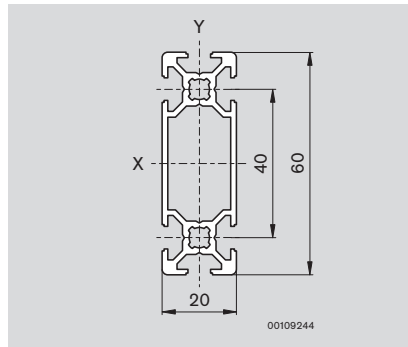
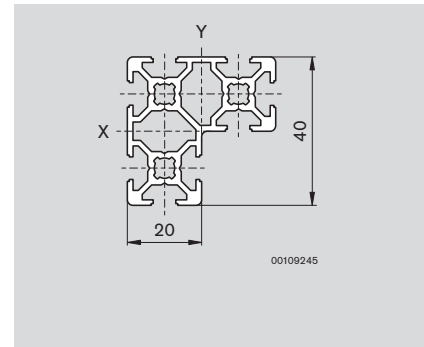
2-59



2-64

Profile · Profiles · Profilés

20x40, 20x60,
20x40x40,
10x40

**20x40****20x60****20x40x40****20x40**

	LE 1 x L = ... mm
	3 842 992 891 / ...
D8	3 842 993 497 / ...
D8 D8	3 842 993 499 / ...
D8V	3 842 993 498 / ...
D8 D8V	3 842 993 500 / ...
D8V D8V	3 842 993 501 / ...
	50 mm ≤ L ≤ 3000 mm

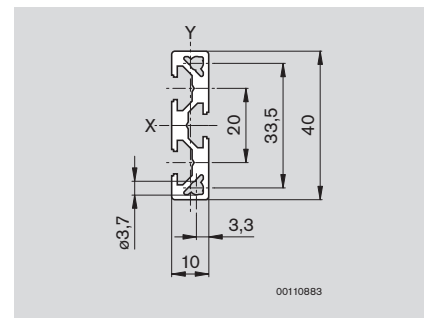
20x60

	LE 1 x L = ... mm
	3 842 992 992 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 16 x L = 3000 mm
	3 842 537 819

20x40x40

	LE 1 x L = ... mm
	3 842 992 991 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 16 x L = 3000 mm
	3 842 537 818

	LE 24 x L = 3000 mm
	3 842 537 816

10x40**10x40**

	LE 1 x L = ... mm
	3 842 993 077 / ...
	50 mm ≤ L ≤ 3000 mm
	LE 10 x L = 3000 mm
	3 842 526 817



2-4,
2-5,
16-2



2-18



2-18



2-59



2-64

Profile · Profiles · Profilés

Strebenprofile mit 8er-Nut

Strut profiles with 8 mm groove

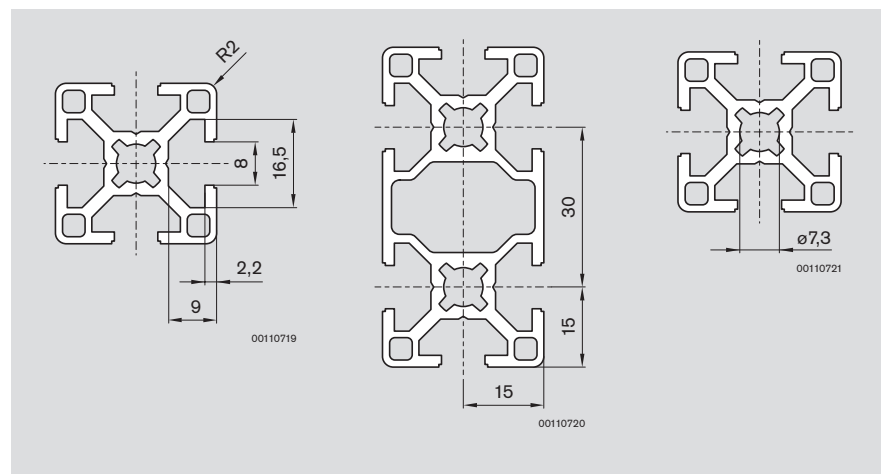
Profilés d'étagage à rainure de 8 mm

Strebenprofile mit 8er-Nut für mittlere Belastungen, wie Materialwagen, leichte Vorrichtungen, Gestelle und Trennwände. Das Profil 30x60x60 zum Bau von Vitrinen und Regalen. Mit den Radiusprofilen lassen sich Abdeckungen und Hauben formschön gestalten.

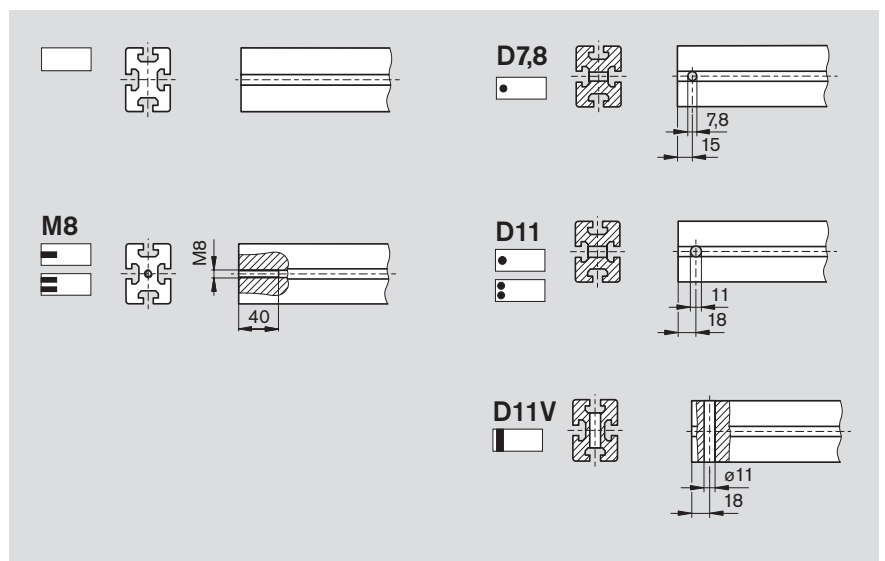
Strut profiles with an 8mm groove for medium-stress applications, such as trolleys, light-weight appliances, frames and partitions. The 30x60x60 profile is for constructing showcases and shelves. Hoods and covers are attractively built using radius profiles.

Profilés avec une rainure de 8 pour les charges moyennes comme les chariots de matériel, les dispositifs légers, les bâtis et les parois de séparation. Le profilé 30x60x60 pour la construction de vitrines et de rayonnages. Avec les profilés d'arrondissement, les recouvrements et les capots peuvent être conçus de manière esthétique.

Nut, Rastermaß, Zentralbohrung
Groove, modular dimension, central bore
Rainure, cote de trame, alésage central



Endenbearbeitung
End finishing
Usinage des extrémités



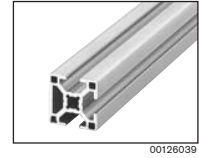
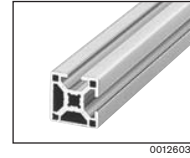
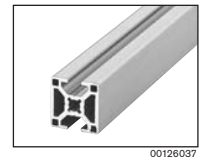
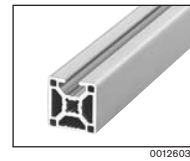
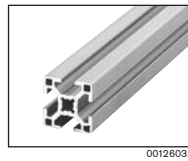
Weitere Bearbeitungen werden von Ihrem Vertriebspartner realisiert.

Other finishes can be carried out by your authorized dealer.

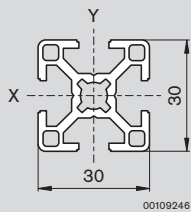
Votre partenaire de distribution se chargera de la réalisation de la suite des étapes de la mise en œuvre.

Profile · Profiles · Profilés

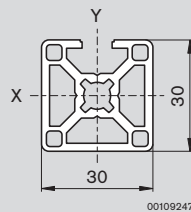
30x30



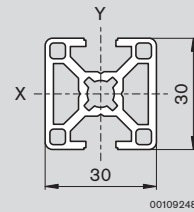
30x30



30x30 1N



30x30 2N



30x30

	LE 1 x L = ... mm
	3 842 990 720 / ...
D11	3 842 990 722 / ...
D11	3 842 990 725 / ...
D11	3 842 990 726 / ...
D7,8	3 842 992 965 / ...
M8	3 842 990 721 / ...
M8	3 842 990 724 / ...
M8	3 842 990 723 / ...
50 mm ≤ L ≤ 5600 mm	

	LE 20 x L = 5600 mm
	3 842 509 178

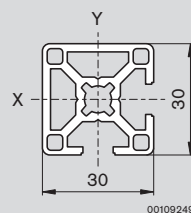
30x30 1N

	LE 1 x L = ... mm
	3 842 992 397 / ...
50 mm ≤ L ≤ 5600 mm	
	LE 20 x L = 5600 mm
	3 842 506 948

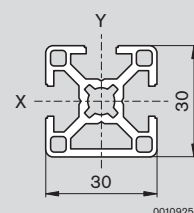
30x30 2N

	LE 1 x L = ... mm
	3 842 992 399 / ...
50 mm ≤ L ≤ 5600 mm	
	LE 20 x L = 5600 mm
	3 842 506 950

30x30 2NVS



30x30 3N



30x30 2NVS

	LE 1 x L = ... mm
	3 842 992 398 / ...
50 mm ≤ L ≤ 5600 mm	
	LE 20 x L = 5600 mm
	3 842 506 949

30x30 3N

	LE 1 x L = ... mm
	3 842 992 400 / ...
50 mm ≤ L ≤ 5600 mm	
	LE 20 x L = 5600 mm
	3 842 506 951

2-5,
16-2

2-21



2-21



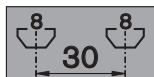
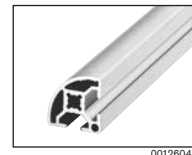
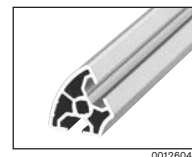
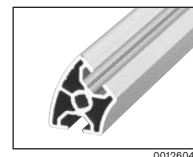
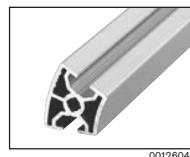
2-59



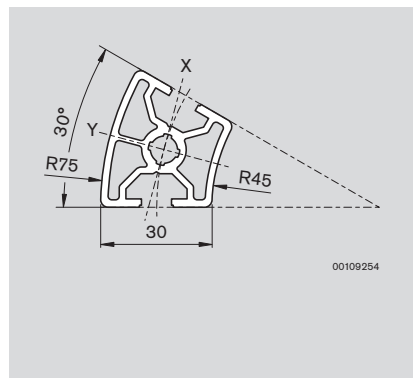
2-64

Profile · Profiles · Profilés

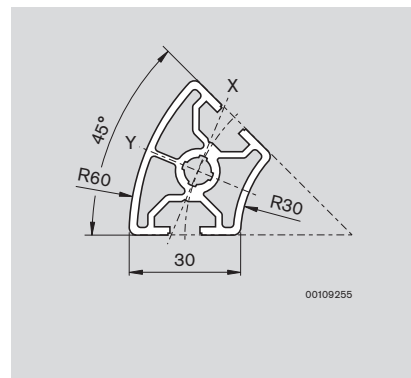
30x30°, 30x45°, 30x60° 30x30R



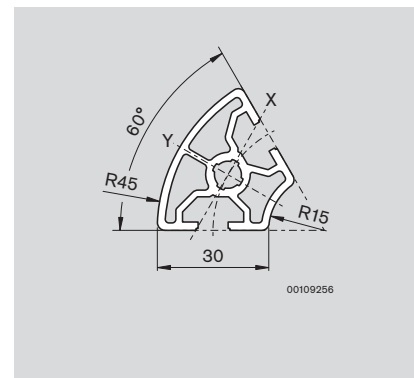
30x30°



30x45°



30x60°



2

30x30°

LE 1 x L = ... mm
3 842 993 010 / ...
50 mm ≤ L ≤ 5600 mm

LE 20 x L = 5600 mm
3 842 524 031

30x45°

LE 1 x L = ... mm
3 842 993 011 / ...
50 mm ≤ L ≤ 5600 mm

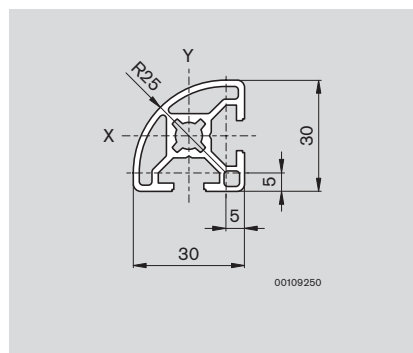
LE 20 x L = 5600 mm
3 842 524 034

30x60°

LE 1 x L = ... mm
3 842 993 012 / ...
50 mm ≤ L ≤ 5600 mm

LE 20 x L = 5600 mm
3 842 524 037

30x30 R



30x30 R

LE 1 x L = ... mm
3 842 992 896 / ...
50 mm ≤ L ≤ 5600 mm

LE 20 x L = 5600 mm
3 842 517 198

2-5,
16-2

2-21



2-21



2-59



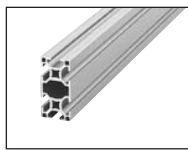
2-64

Profile · Profiles · Profilés

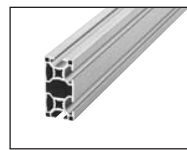
30x60, 30x60 4N

30x60x60

30x90, 30x120



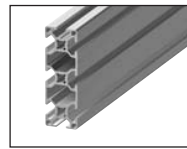
00126044



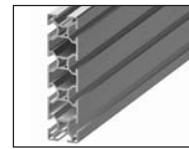
00126045



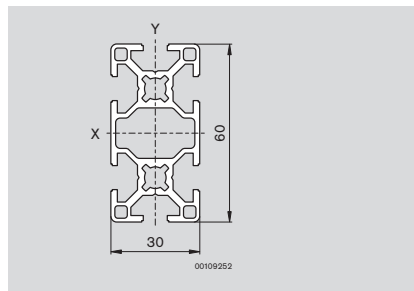
00126046



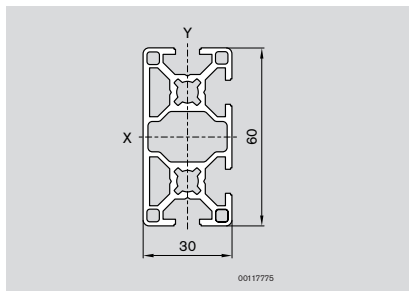
00137422



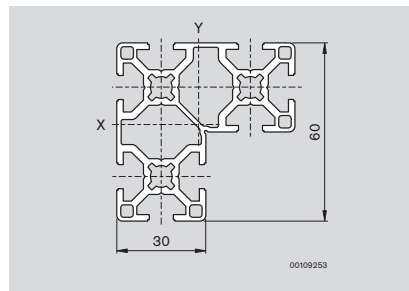
00137423

30x60

00109252

30x60 4N

00117775

30x60x60

00109253

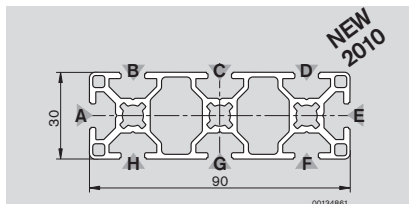
30x60

LE 1 x L = ... mm
3 842 992 457 / ...
D11 3 842 992 459 / ...
D11 D11 3 842 992 460 / ...
D11 D11V 3 842 992 463 / ...
D11V D11V 3 842 992 462 / ...
M8 3 842 992 458 / ...
M8 M8 3 842 992 926 / ...
50 mm ≤ L ≤ 5600 mm

LE 10 x L = 5600 mm
3 842 512 603

30x60 4N

LE 1 x L = ... mm
3 842 993 420 / ...
50 mm ≤ L ≤ 6000 mm
LE 10 x L = 6070 mm
3 842 536 472

30x90NEW
2010

00134861

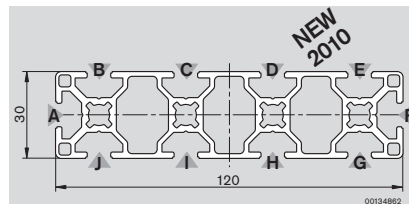
30x90

LE 1 x L = ... mm
3 842 993 762 / ...
50 mm ≤ L ≤ 6000 mm

M8 / D78 (B, C, D, F, G, H)²⁾ /
D11 (B, C, D, F, G, H)²⁾ / DB11
DI¹⁾ / DIS¹⁾ / MT¹⁾ / MTS¹⁾ / MI¹⁾ / MIS¹⁾ / DG¹⁾
¹⁾ L_{max} = 5400 mm

²⁾ Standard-Profilbearbeitung möglich an den gekennzeichneten Nuten.
Q&E-Bestellsystematik siehe Katalog „Mechanik Grundelemente - Quick & Easy“ (3 842 540 238)
²⁾ Standard profile finishing possible at the indicated grooves.
See the catalog for the Q&E order system “Basic Mechanic Elements - Quick & Easy” (3 842 540 386)
²⁾ Possibilité d'usinage standard des profilés sur les rainures marquées.
Système de commande Q&E, voir catalogue « Les éléments mécaniques de base - Quick & Easy » (3 842 540 387)

LE 20 x L = 6070 mm
3 842 541 937

30x120NEW
2010

00134862

30x120

LE 1 x L = ... mm
3 842 993 763 / ...
50 mm ≤ L ≤ 6000 mm

M8 / D78 (B, C, D, E, G, H, I, J)²⁾ /
D11 (B, C, D, E, G, H, I, J)²⁾ / DB11
DI¹⁾ / DIS¹⁾ / MT¹⁾ / MTS¹⁾ / MI¹⁾ / MIS¹⁾ / DG¹⁾
¹⁾ L_{max} = 5400 mm

²⁾ Standard-Profilbearbeitung möglich an den gekennzeichneten Nuten.
Q&E-Bestellsystematik siehe Katalog „Mechanik Grundelemente - Quick & Easy“ (3 842 540 238)
²⁾ Standard profile finishing possible at the indicated grooves.
See the catalog for the Q&E order system “Basic Mechanic Elements - Quick & Easy” (3 842 540 386)
²⁾ Possibilité d'usinage standard des profilés sur les rainures marquées.
Système de commande Q&E, voir catalogue « Les éléments mécaniques de base - Quick & Easy » (3 842 540 387)

LE 20 x L = 6070 mm
3 842 541 939

2-5,
2-6,
16-2

2-21



2-21



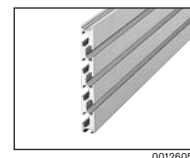
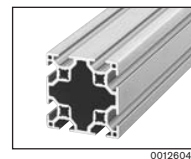
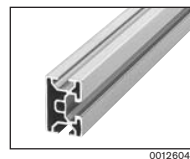
2-59



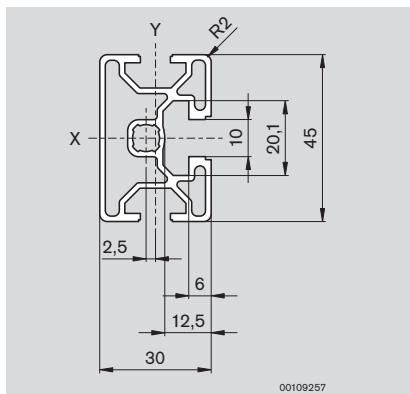
2-64

Profile · Profiles · Profilés

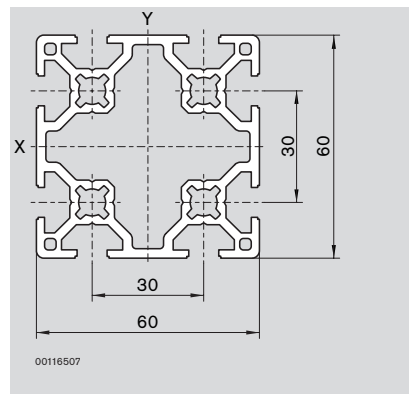
30x45, 60x60 8N 11x20 15x120



30x45



60x60 8N



30x45

LE 1 x L = ... mm
3 842 992 430 / ...
M8 3 842 992 431 / ...
50 mm ≤ L ≤ 5600 mm

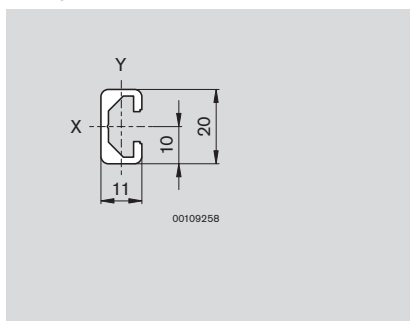
LE 18 x L = 5600 mm
3 842 511 704

60x60 8N

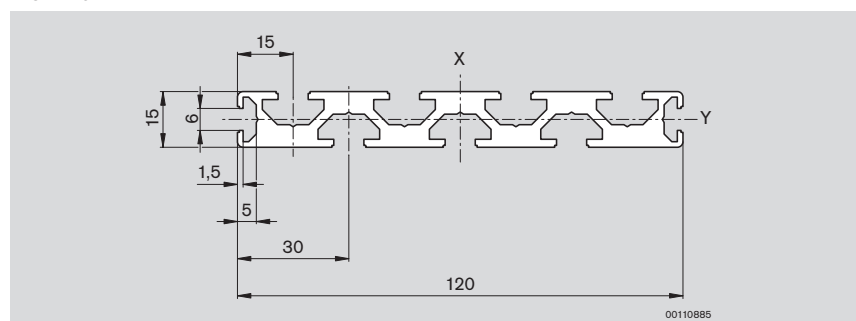
LE 1 x L = ... mm
3 842 993 033 / ...
50 mm ≤ L ≤ 6000 mm

LE 20 x L = 6070 mm
3 842 535 176

11x20



15x120



11x20

LE 1 x L = ... mm
3 842 992 476 / ...
50 mm ≤ L ≤ 2000 mm

LE 10 x L = 2000 mm
3 842 513 581

15x120

LE 1 x L = ... mm
3 842 993 078 / ...
50 mm ≤ L ≤ 3000 mm

LE 10 x L = 3000 mm
3 842 537 821

2-6,
16-2

2-21



2-21



2-59



2-64

Profile · Profiles · Profilés

Strebenprofile mit 10er-Nut

Strut profiles with 10 mm groove

Profilés d'étayage à rainure de 10 mm

Die neuen Profilbaureihen mit den Rastermaßen 40 mm und 50 mm ergänzen die Profile im 45-Millimeter-Raster konsequent. Der erweiterte Profilbaukasten der Bosch Rexroth AG deckt nun alle auf dem Weltmarkt gängigen Profilraster ab.

Die Strebenprofile ...L mit 10er-Nut (Rastermaße 40 mm, 45 mm und 50 mm, z.B. 50x50L) bieten dank computeroptimierter Konstruktion hohe Festigkeitswerte bei geringem Materialeinsatz. Damit steht Ihnen eine kostengünstige und stabile Lösung zur Verfügung, wenn Sie z.B. Tische, Schutzeinrichtungen oder Gestelle konstruieren.

Für Einsatzfälle mit hohen Belastungen empfehlen wir Profile mit der besonders stabilen 10er-Nut, z. B. für schwere Arbeitstische, Vorrichtungen, Maschinen-gestelle, Transportwagen, Schutzkabinen und Handhabungssysteme. Aufgrund der besonders kräftigen konstruktiven Ausführung ermöglicht diese Nut Verbindungen von höchster Festigkeit.

The new profile product ranges with the modular dimensions of 40 mm and 50 mm logically supplement the profiles of 45 mm in dimension.

The extended Bosch Rexroth AG modular profile assembly system now covers all conventional profile dimensions on the world market.

Thanks to their computer-optimized construction the strut profiles L with 10 mm groove (modular dimensions 40 mm, 45 mm and 50 mm, e.g. 50x50L) provide high strengths using a minimum of material. Thus a cost-effective and stable solution is available to you, if you are constructing tables, protective enclosures or frames, for instance.

For applications with high loads we recommend profiles with the particularly robust 10 mm groove, e.g. for heavy worktables, appliances, machine frames, transport shuttles, protective enclosures and handling systems. Due to its very sturdy design, this groove allows maximum strength connections.

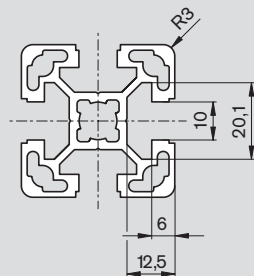
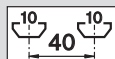
Les nouvelles gammes de profilés avec les cotes de trame de 40 mm et 50 mm complètent les profilés avec cote de trame de 45 mm de manière cohérente. Le système modulaire étendu de profilés de Bosch Rexroth AG couvre maintenant la totalité des cotes de trame de profilés courantes dans le monde entier.

Les profilés d'étayage L à rainure de 10 mm (cote de trame de 40 mm, 45 mm et 50 mm, par ex. 50x50L) offrent, grâce à leur construction optimisée par ordinateur, une très grande résistance avec une exploitation de matériau réduite. Vous avez ainsi à votre disposition une solution économique et stable lorsque vous désirez par exemple construire des tables, des dispositifs de protection ou des bâtis.

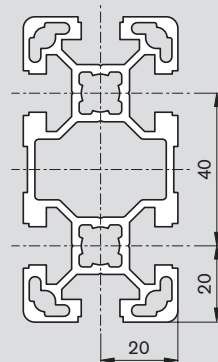
Pour les applications avec charges importantes, nous recommandons des profilés avec la rainure de 10 mm particulièrement stable par ex. pour les tables de travail, les installations, les bâtis de machine, les chariots de transport, les cabines de protection et les systèmes de manipulation qui sont lourds. Du fait de la construction très puissante, cette rainure permet d'effectuer des jonctions de résistance extrême.

Profile · Profiles · Profilés

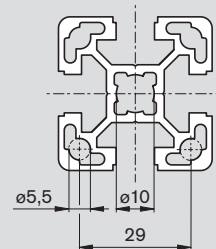
Nut, Rastermaß, Zentralbohrung
Groove, modular dimension, central bore
Rainure, cote de trame, alésage central



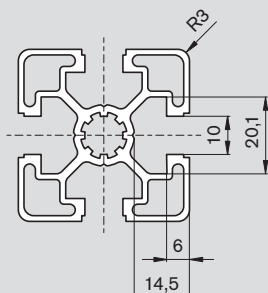
00110722



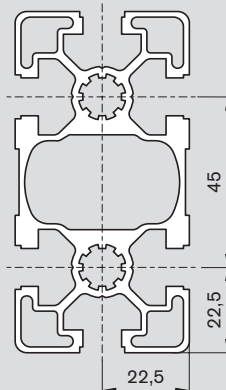
00110723



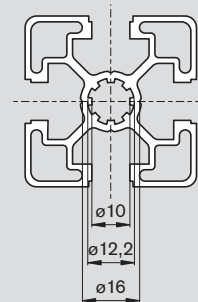
00110724



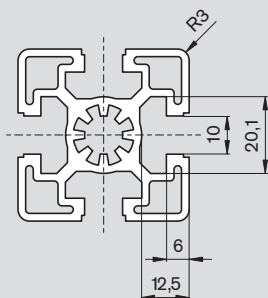
00110728



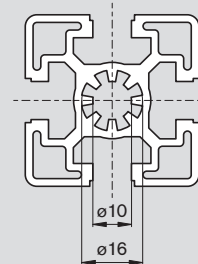
00110729



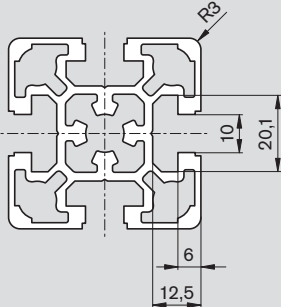
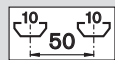
00110730



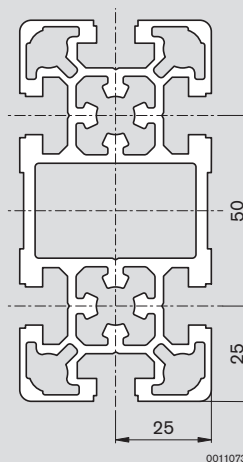
00110725



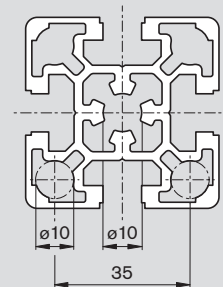
00110727



00110731



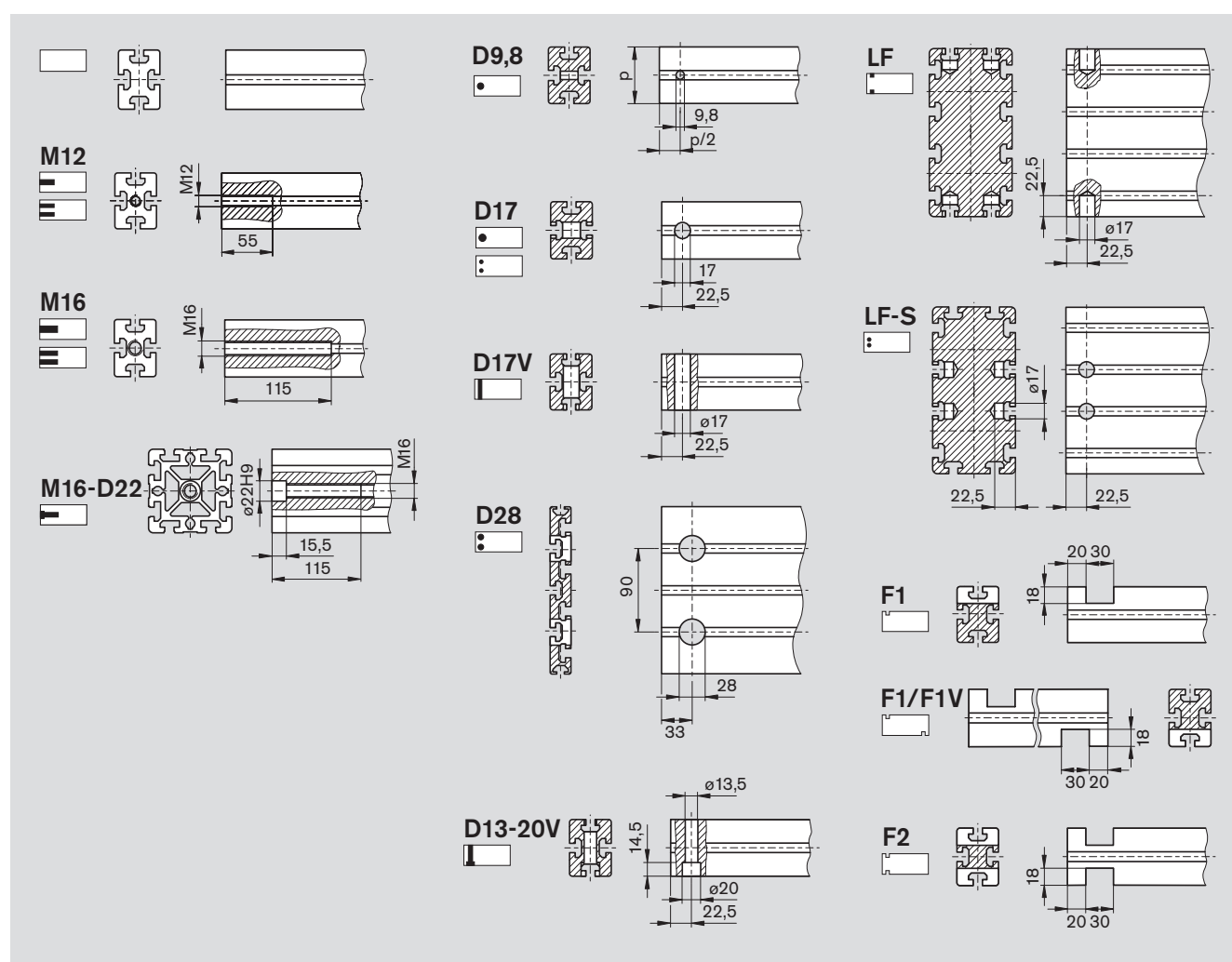
00110732



00110733

Profile · Profiles · Profilés

Endenbearbeitung
End finishing
Usinage des extrémités



Weitere Bearbeitungen werden von Ihrem Vertriebspartner realisiert.

Other finishes can be carried out by your authorized dealer.

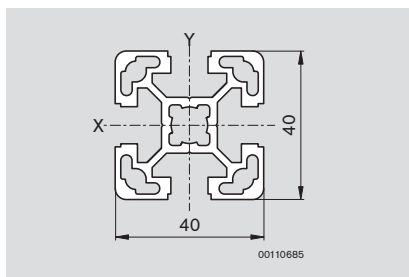
Votre partenaire de distribution se chargera de la réalisation de la suite des étapes de la mise en œuvre.

Profile · Profiles · Profilés

40x40L



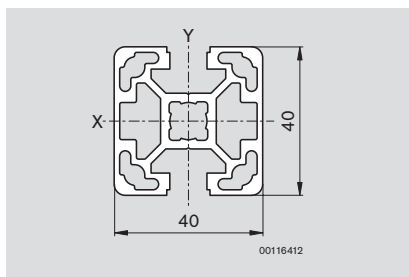
40x40L



40x40L

	LE 1 x L = ... mm
	3 842 993 120 / ...
M12	3 842 993 121 / ...
M12 M12	3 842 993 122 / ...
M12 D17	3 842 993 123 / ...
D17	3 842 993 124 / ...
D17 D17	3 842 993 125 / ...
D17 D17V	3 842 993 126 / ...
D9,8 D9,8	3 842 993 129 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 20 x L = 6070 mm
	3 842 529 339

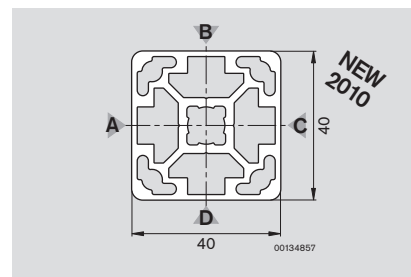
40x40L 2N



40x40L 2N

	LE 1 x L = ... mm
	3 842 993 187 / ...
M12 M12	3 842 993 188 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 20 x L = 6070 mm
	3 842 529 363

40x40L ON

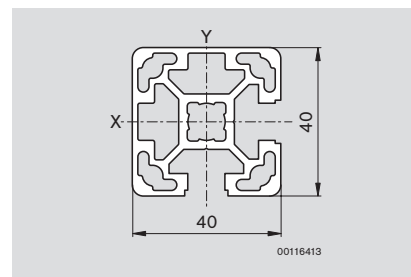


40x40L ON

	LE 1 x L = ... mm
	3 842 993 760 / ...
	50 mm ≤ L ≤ 6000 mm
	M12 / D9,8 / D17 / DB17 DI ¹⁾ / DIS ¹⁾ / MT ¹⁾ / MTS ¹⁾ / MI ¹⁾ / MIS ¹⁾ / DG ¹⁾ ¹⁾ L _{max} = 5400 mm
Q&E-Bestellsystematik siehe Katalog „Mechanik Grundelemente - Quick & Easy“ (3 842 540 238)	
See the catalog for the Q&E order system “Basic Mechanic Elements - Quick & Easy” (3 842 540 386)	
Système de commande Q&E, voir catalogue « Les éléments mécaniques de base - Quick & Easy » (3 842 540 387)	

	LE 20 x L = 6070 mm
	3 842 540 954

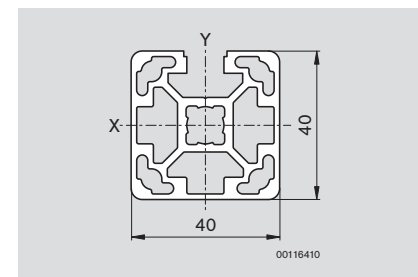
40x40L 2NVS



40x40L 2NVS

	LE 1 x L = ... mm
	3 842 993 189 / ...
M12 M12	3 842 993 190 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 20 x L = 6070 mm
	3 842 529 365

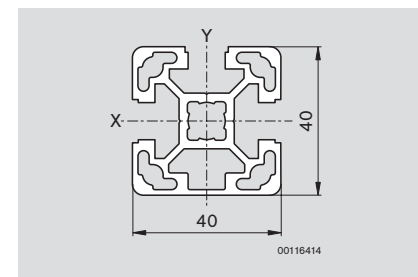
40x40L 1N



40x40L 1N

	LE 1 x L = ... mm
	3 842 993 185 / ...
M12 M12	3 842 993 186 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 20 x L = 6070 mm
	3 842 529 361

40x40L 3N



40x40L 3N

	LE 1 x L = ... mm
	3 842 993 191 / ...
M12 M12	3 842 993 192 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 20 x L = 6070 mm
	3 842 529 367

2-6,
16-2

2-27



2-28



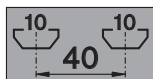
2-59



2-64

Profile · Profiles · Profilés

40x30°, 40x45°, 40x60° 40x40L R, 40 HR



00126056



00126057



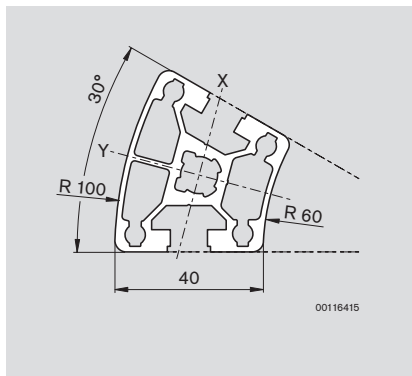
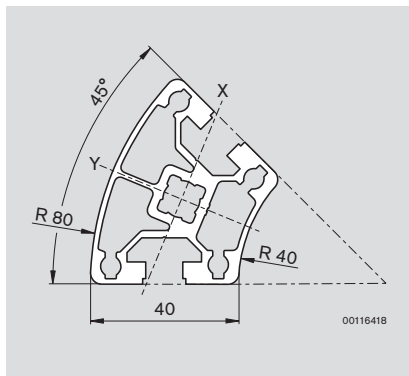
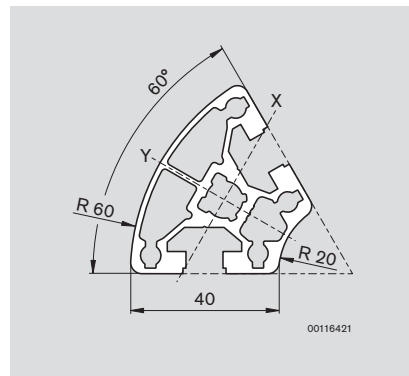
00126058



00126059



00126060

40x30°**40x45°****40x60°****40x30°**

LE 1 x L = ... mm
 3 842 993 195 / ...
50 mm ≤ L ≤ 6000 mm

40x45°

LE 1 x L = ... mm
 3 842 993 197 / ...
50 mm ≤ L ≤ 6000 mm

40x60°

LE 1 x L = ... mm
 3 842 993 198 / ...
50 mm ≤ L ≤ 6000 mm

40x40L R

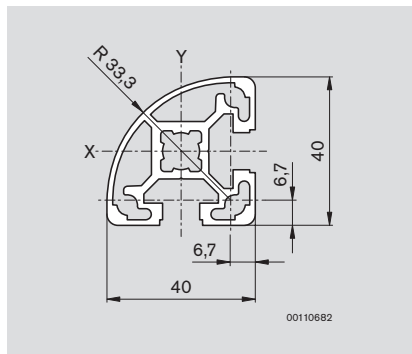
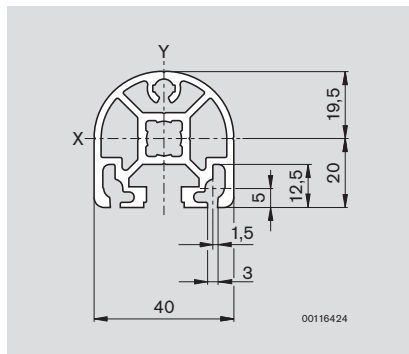
LE 12 x L = 6070 mm
 3 842 529 371

40x45°

LE 12 x L = 6070 mm
 3 842 529 373

40x60°

LE 12 x L = 6070 mm
 3 842 529 375

40x40L R**40 HR****40x40L R**

LE 1 x L = ... mm
 3 842 993 184 / ...
50 mm ≤ L ≤ 6000 mm

40 HR

LE 1 x L = ... mm
 3 842 993 256 / ...
M12  M12 3 842 993 257 / ...
50 mm ≤ L ≤ 6000 mm

LE 20 x L = 6070 mm

 3 842 529 359
--

LE 20 x L = 6070 mm

 3 842 529 381
--

2-7,
16-2

2-27



2-28



2-59



2-64

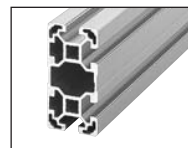
Profile · Profiles · Profilés

40x80L

40x80x80L



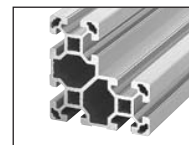
00126061



00126062

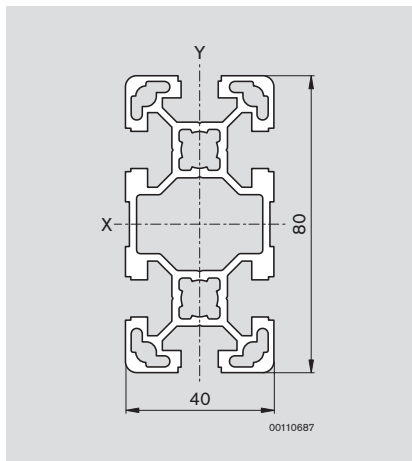


00128460



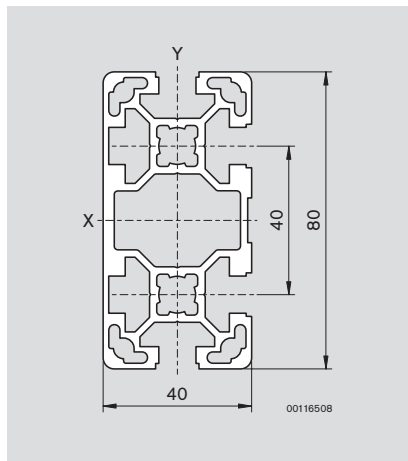
00126063

40x80L



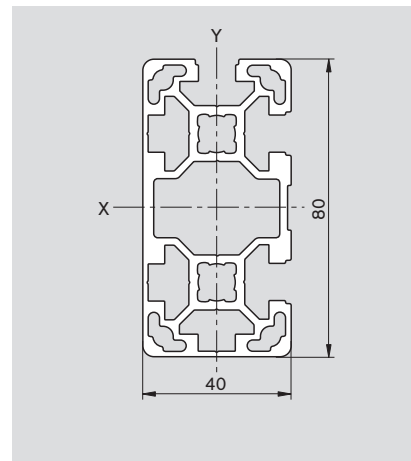
00110687

40x80L 4N



00116508

40x80L 3NVS



40x80L

	LE 1 x L = ... mm
	3 842 993 130 / ...
M12	3 842 993 131 / ...
M12 M12	3 842 993 132 / ...
D17 D17	3 842 993 135 / ...
D17 D17V	3 842 993 136 / ...
D17V	3 842 993 137 / ...
D17V D17V	3 842 993 138 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 12 x L = 6070 mm
	3 842 529 341

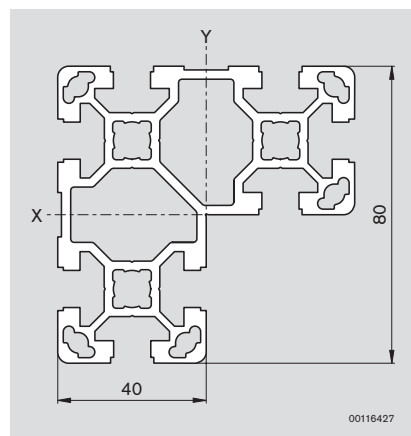
40x80L 4N

	LE 1 x L = ... mm
	3 842 993 424 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 12 x L = 6070 mm
	3 842 536 484

40x80L 3NVS

	LE 1 x L = ... mm
	3 842 993 654 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 12 x L = 6070 mm
	3 842 538 330

40x80x80L



00116427

40x80x80L

	LE 1 x L = ... mm
	3 842 993 193 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 8 x L = 6070 mm
	3 842 537 827

2-7,
2-8,
16-2

2-27



2-28



2-59

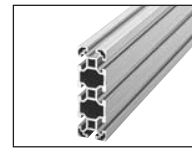


2-64

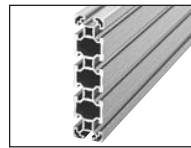
Profile · Profiles · Profilés

40x120L

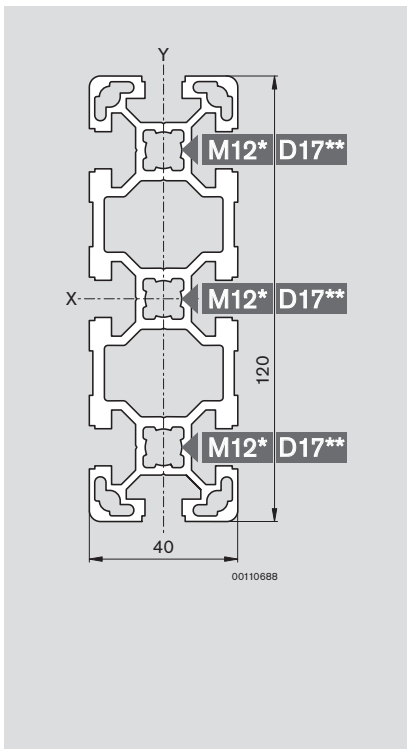
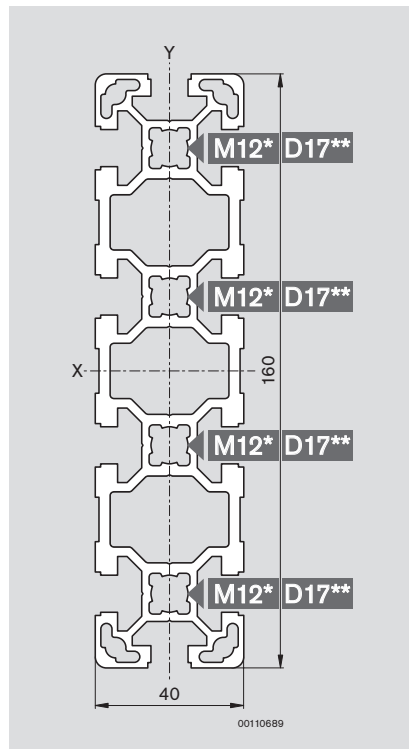
40x160L



00126064



00126065

**40x120L****40x160L****40x120L**

	LE 1 x L = ... mm
	3 842 993 139 / ...
M12	3 842 993 140 / ...
M12 M12	3 842 993 141 / ...
D17 D17	3 842 993 142 / ...
D17V D17V	3 842 993 225 / ...
50 mm ≤ L ≤ 6000 mm	
	LE 8 x L = 6070 mm
	3 842 537 824

40x160L

	LE 1 x L = ... mm
	3 842 993 143 / ...
M12	3 842 993 144 / ...
M12 M12	3 842 993 145 / ...
D17 D17	3 842 993 146 / ...
50 mm ≤ L ≤ 6000 mm	
	LE 6 x L = 6070 mm
	3 842 529 345

2-7,
16-2

2-27



2-28



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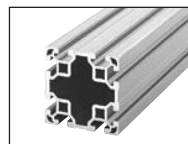


2-64

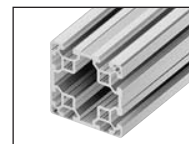
Profile · Profiles · Profilés

80x80L

40x120x120L



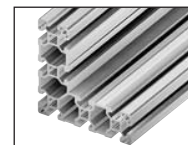
00126066



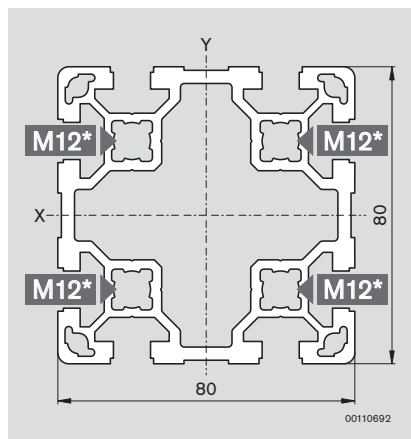
00128461



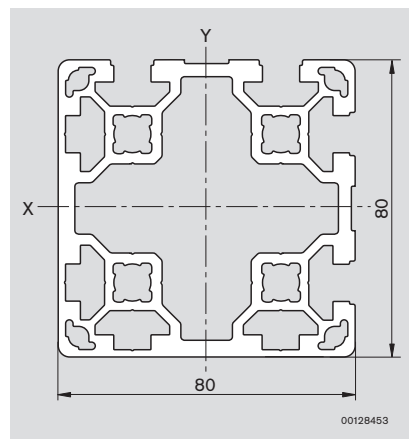
00126067



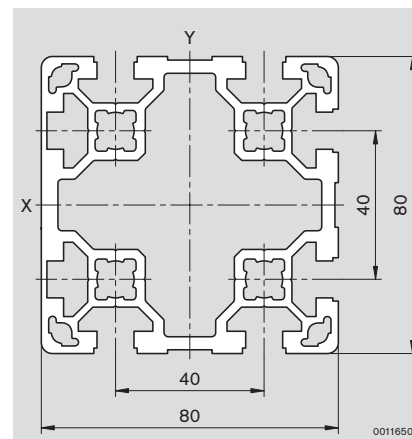
00128459

80x80L

00110692

80x80L 4NVS

00128453

80x80L 6N

00116509

80x80L

	LE 1 x L = ... mm
	3 842 993 133 / ...
M12	3 842 993 134 / ...
M12 M12	3 842 993 147 / ...
M12 D17	3 842 993 148 / ...
D17	3 842 993 149 / ...
D17 D17	3 842 993 150 / ...
D17 D17V	3 842 993 151 / ...
	50 mm ≤ L ≤ 6000 mm

	LE 6 x L = 6070 mm
	3 842 529 347

80x80L 4NVS

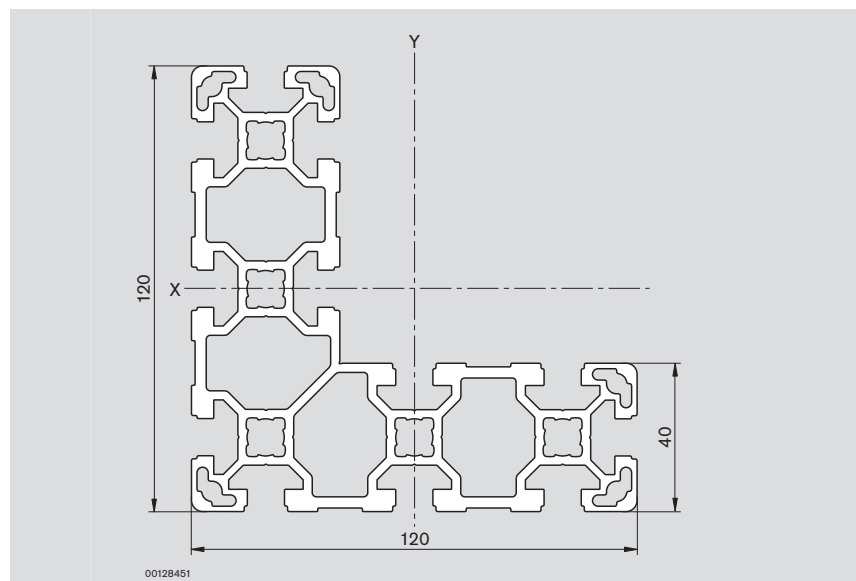
	LE 1 x L = ... mm
	3 842 993 658 / ...
	50 mm ≤ L ≤ 6000 mm

	LE 6 x L = 6070 mm
	3 842 538 334

80x80L 6N

	LE 1 x L = ... mm
	3 842 993 423 / ...
	50 mm ≤ L ≤ 6000 mm

	LE 6 x L = 6070 mm
	3 842 536 481

40x120x120L

00128451

40x120x120L

	LE 1 x L = ... mm
	3 842 993 653 / ...
	50 mm ≤ L ≤ 6000 mm

40x120x120L

	LE 4 x L = 6070 mm
	3 842 538 287

- * Endenbearbeitung M12 an gekennzeichneten Zentralbohrung.
- * End finishing M12 at marked central bore.
- * Usinage des extrémités M12 dans la cannelle centrale marquée à cet effet.

2-8,
16-2

2-27



2-28



2-59



2-64

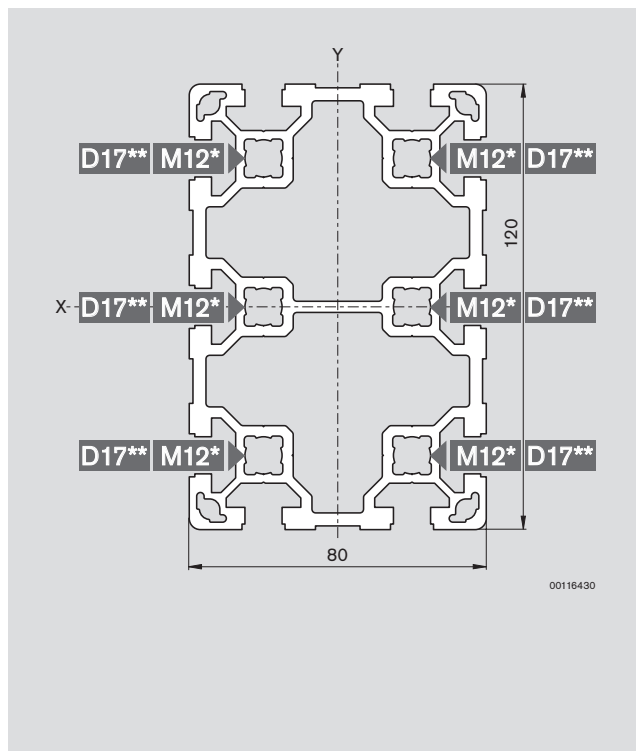
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80x120L

80x160L



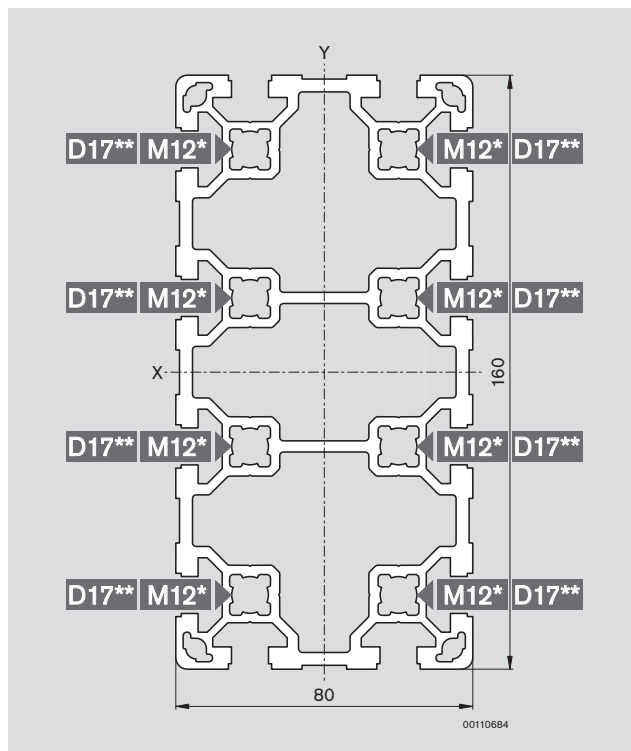
80x120L



80x120L

	LE 1 x L = ... mm
	3 842 993 201 / ...
M12	3 842 993 202 / ...
M12 M12	3 842 993 203 / ...
D17 D17	3 842 993 204 / ...
D17V D17V	3 842 993 229 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 4 x L = 6070 mm
	3 842 537 828

80x160L



80x160L

	LE 1 x L = ... mm
	3 842 993 127 / ...
M12	3 842 993 128 / ...
M12 M12	3 842 993 152 / ...
M12 D17	3 842 993 153 / ...
D17	3 842 993 154 / ...
D17 D17	3 842 993 155 / ...
D17V D17V	3 842 993 226 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 3 x L = 6070 mm
	3 842 529 349

* Endenbearbeitung M12 an gekennzeichneten Zentralbohrung.

* End finishing M12 at marked central bore.

* Usinage des extrémités M12 dans la rainure centrale marquée à cet effet.

** Endenbearbeitung D17 an gekennzeichnetem Nut.

** End finishing D17 at marked groove.

** Usinage des extrémités D17 dans la rainure marquée à cet effet.

2-8,
2-9
16-2

2-27



2-28



2-59



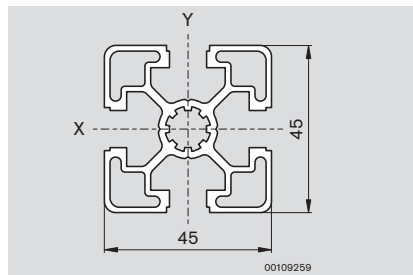
2-64

Profile · Profiles · Profilés

45x45L



45x45L

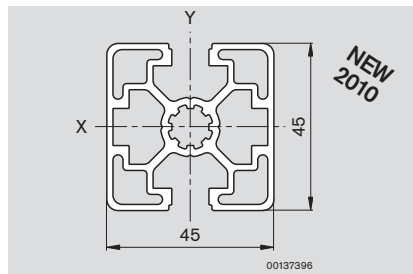


45x45L

	LE 1 x L = ... mm
	3 842 992 425 / ...
M12	3 842 992 426 / ...
M12 M12	3 842 992 427 / ...
M12 D17	3 842 992 960 / ...
D17	3 842 992 953 / ...
D17 D17	3 842 992 954 / ...
D17 D17V	3 842 992 956 / ...
D9,8 D9,8	3 842 992 967 / ...
	50 mm ≤ L ≤ 5600 mm

	LE 20 x L = 5600 mm
	3 842 511 702

45x45L 2N

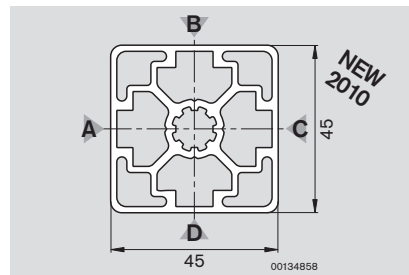


45x45L 2N

	LE 1 x L = ... mm
	3 842 992 403 / ...
	50 mm ≤ L ≤ 5600 mm

	LE 20 x L = 5600 mm
	3 842 506 958

45x45L ON



45x45L ON

	LE 1 x L = ... mm
	3 842 993 761 / ...
	50 mm ≤ L ≤ 6000 mm

M12 / D9,8 / D17 / DB17
 DI¹⁾ / DIS¹⁾ / MT¹⁾ / MTS¹⁾ / MI¹⁾ / MIS¹⁾ / DG¹⁾
¹⁾ L_{max} = 5400 mm

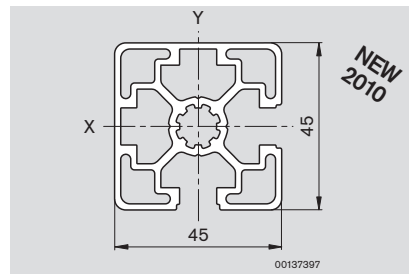
Q&E-Bestellsystematik siehe Katalog „Mechanik Grundelemente - Quick & Easy“ (3 842 540 238)

See the catalog for the Q&E order system
 “Basic Mechanic Elements - Quick & Easy”
 (3 842 540 386)

Système de commande Q&E, voir catalogue « Les éléments mécaniques de base - Quick & Easy »
 (3 842 540 387)

	LE 20 x L = 6070 mm
	3 842 540 955

45x45L 2NVS

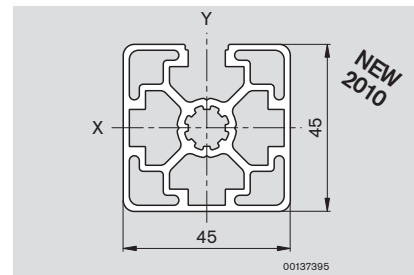


45x45L 2NVS

	LE 1 x L = ... mm
	3 842 992 402 / ...
	50 mm ≤ L ≤ 5600 mm

	LE 20 x L = 5600 mm
	3 842 506 957

45x45L 1N

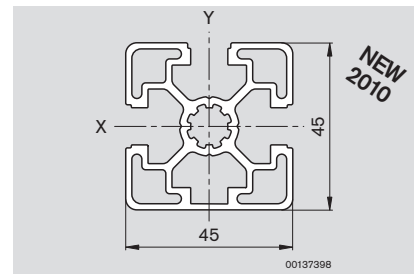


45x45L 1N

	LE 1 x L = ... mm
	3 842 992 401 / ...
	50 mm ≤ L ≤ 5600 mm

	LE 20 x L = 5600 mm
	3 842 506 956

45x45L 3N



45x45L 3N

	LE 1 x L = ... mm
	3 842 992 404 / ...
	50 mm ≤ L ≤ 5600 mm

	LE 20 x L = 5600 mm
	3 842 506 959

2-9,
16-2

2-27



2-28



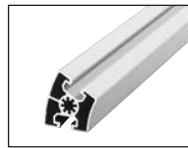
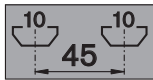
2-59



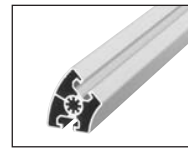
2-64

Profile · Profiles · Profilés

45x30°, 45x45°, 45x60°, 45x45L R, 45x45 HR



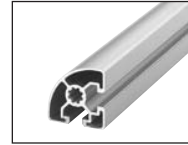
00126075



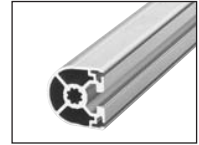
00126076



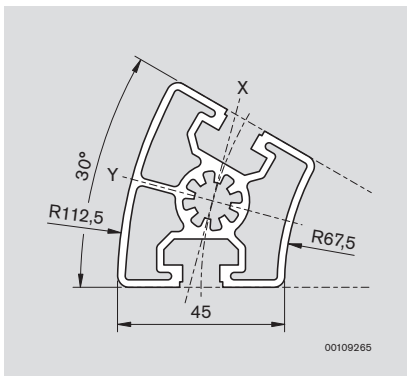
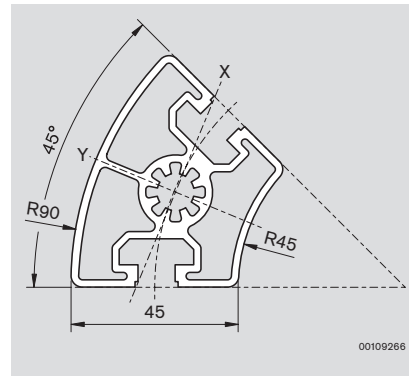
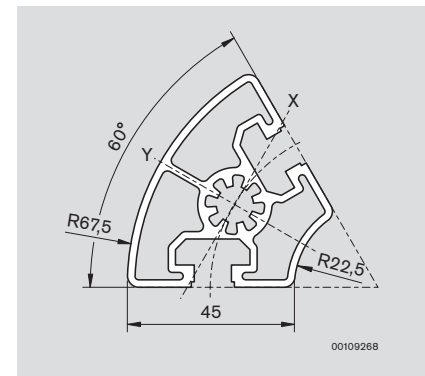
00126077



00126078



00126079

45x30°**45x45°****45x60°****45x30°**

LE 1 x L = ... mm
3 842 993 013 / ...
50 mm ≤ L ≤ 5600 mm

45x45°

LE 1 x L = ... mm
3 842 993 014 / ...
50 mm ≤ L ≤ 5600 mm

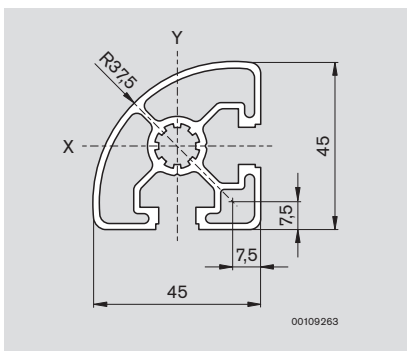
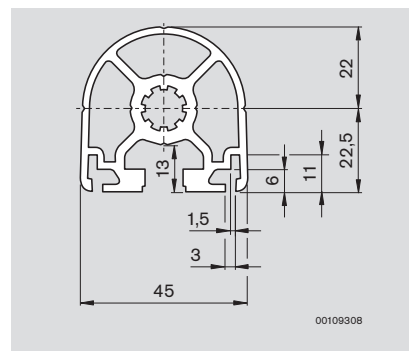
45x60°

LE 1 x L = ... mm
3 842 993 015 / ...
50 mm ≤ L ≤ 5600 mm

LE 20 x L = 5600 mm
3 842 524 040

LE 20 x L = 5600 mm
3 842 524 043

LE 20 x L = 5600 mm
3 842 524 046

45x45L R**45x45 HR****45x45L R**

LE 1 x L = ... mm
3 842 992 897 / ...
50 mm ≤ L ≤ 5600 mm

45x45 HR

LE 1 x L = ... mm
3 842 992 945 / ...
M12 3 842 993 001 / ...
M12 M12 3 842 992 999 / ...
50 mm ≤ L ≤ 5600 mm

LE 20 x L = 5600 mm
3 842 517 200

LE 20 x L = 5600 mm
3 842 525 505

2-9,
16-2

2-27



2-28



2-59

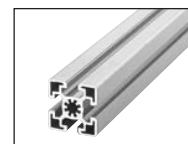


2-64

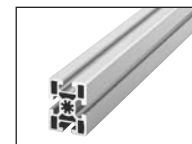
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45x45

45x60



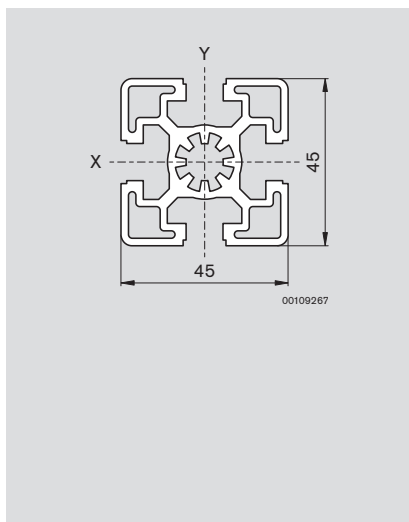
00126080



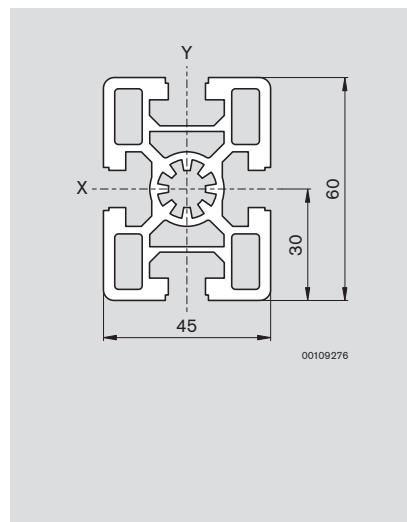
00126081



45x45



45x60



45x45

LE 1 x L = ... mm	
	3 842 990 520 / ...
D17	3 842 990 648 / ...
D17 • D17	3 842 990 644 / ...
D17 D17V	3 842 990 646 / ...
D9,8 • D9,8	3 842 992 969 / ...
M12	3 842 990 517 / ...
M12 • D17	3 842 990 640 / ...
M12 M12	3 842 990 518 / ...
M12 M16	3 842 990 519 / ...
M16	3 842 990 521 / ...
M16 • D17	3 842 990 642 / ...
50 mm ≤ L ≤ 5600 mm	
LE 20 x L = 5600 mm	
	3 842 509 175

45x60

LE 1 x L = ... mm	
	3 842 990 570 / ...
M12	3 842 990 571 / ...
M12 M12	3 842 990 572 / ...
M12 M16	3 842 990 575 / ...
M16	3 842 990 573 / ...
F1 F1	3 842 990 584 / ...
LF LF	3 842 993 085 / ...
D9,8	3 842 992 376 / ...
D9,8V	3 842 992 375 / ...
D17	3 842 990 688 / ...
D17 • D17	3 842 990 672 / ...
D17V	3 842 990 690 / ...
D17V D17V	3 842 990 670 / ...
D17 D17V	3 842 990 674 / ...
50 mm ≤ L ≤ 5600 mm	
LE 20 x L = 5600 mm	
	3 842 509 184



2-9,
2-10
16-2



2-27



2-28



2-59



2-64

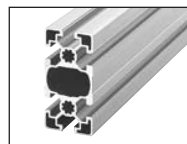
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45x90SL

45x90L



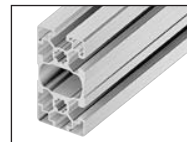
00130485



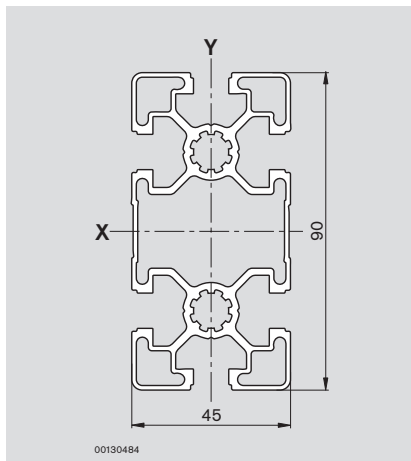
00126082



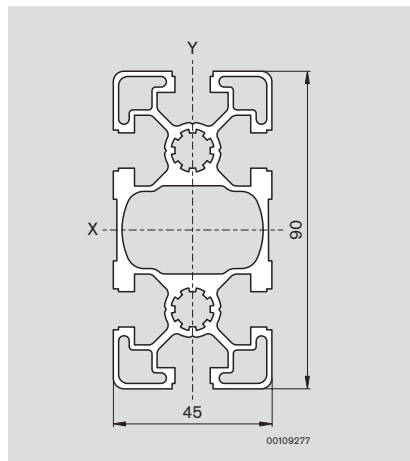
00128457



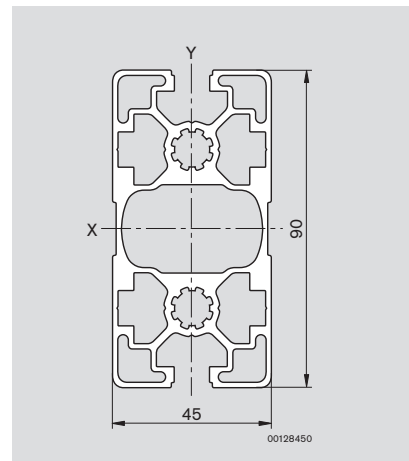
00128458

45x90SL

00130484

45x90L

00109277

45x90L 2N

00128450

45x90SL

LE 1 x L = ... mm
3 842 993 450 / ...
50 mm ≤ L ≤ 6000 mm
LE 12 x L = 6070 mm
3 842 537 102

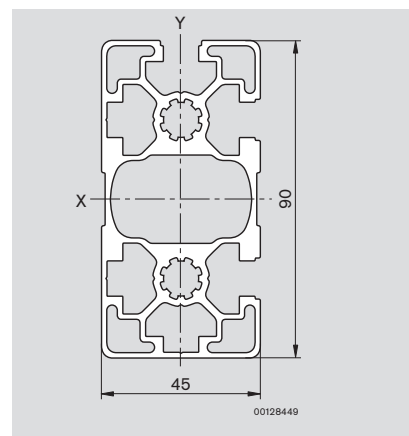
45x90L

LE 1 x L = ... mm
3 842 992 432 / ...
M12 3 842 992 453 / ...
M12 M12 3 842 992 433 / ...
LF LF 3 842 993 084 / ...
D17 D17 3 842 992 437 / ...
D17V 3 842 992 452 / ...
D17V D17V 3 842 992 435 / ...
D17 D17V 3 842 992 436 / ...
50 mm ≤ L ≤ 5600 mm

LE 12 x L = 5600 mm
3 842 511 782

45x90L 2N

LE 1 x L = ... mm
3 842 993 644 / ...
50 mm ≤ L ≤ 6000 mm
LE 12 x L = 6070 mm
3 842 538 299

45x90L 3NVS

00128449

45x90L 3NVS

LE 1 x L = ... mm
3 842 993 635 / ...
50 mm ≤ L ≤ 6000 mm
LE 12 x L = 6070 mm
3 842 538 298

2-10,
16-2

2-27



2-28



2-59

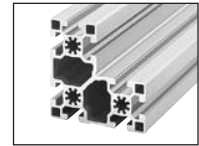


2-64

info@abina.com

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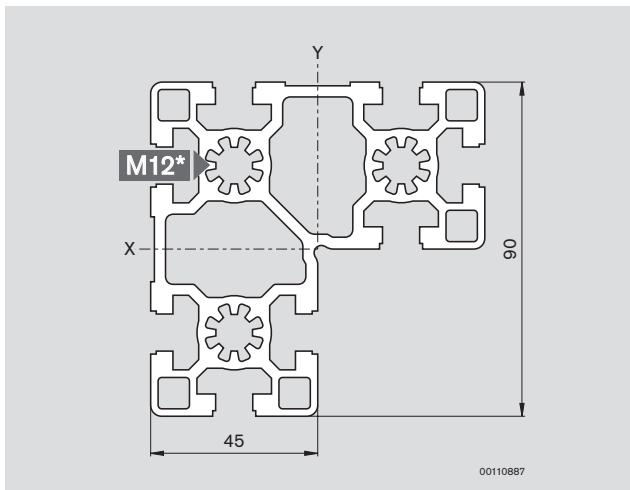
45x90x90L



00126086



45x90x90L



45x90x90L

	LE 1 x L = ... mm
	3 842 992 387 / ...
M12 	3 842 992 388 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 8 x L = 6070 mm
	3 842 537 823

* Endenbearbeitung M12 an gekennzeichneten Zentralbohrung.

* End finishing M12 at marked central bore.

* Usinage des extrémités M12 dans la cannelure centrale
marquée à cet effet.

2-11,
16-2

2-27



2-28



2-59

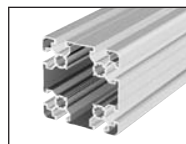


2-64

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90x90SL

90x90L



00126087



00126088

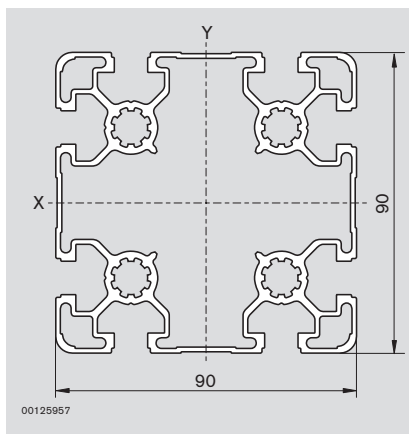


00128456



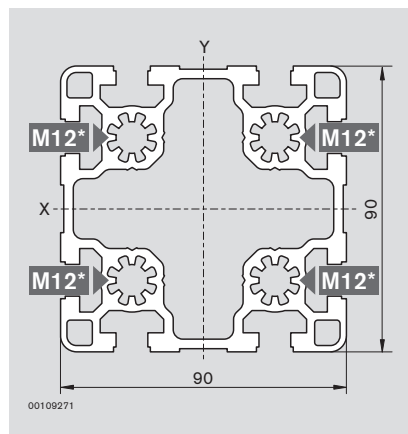
00128455

90x90SL



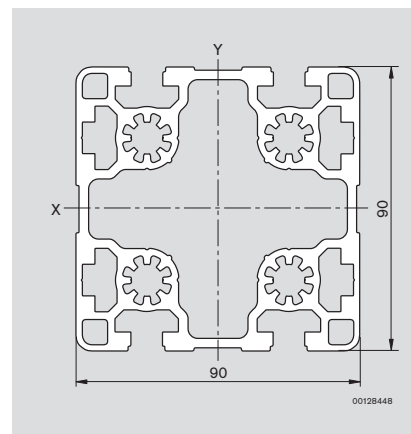
00125957

90x90L



00109271

90x90L 4N



00128448

90x90SL

LE 1 x L = ... mm
3 842 993 449 / ...
50 mm ≤ L ≤ 6000 mm
LE 6 x L = 6070 mm
3 842 537 100

90x90L

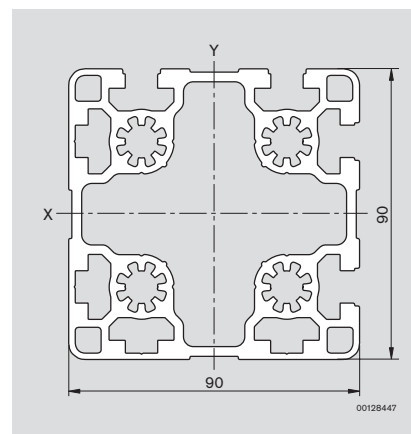
LE 1 x L = ... mm
3 842 992 415 / ...
M12 3 842 992 416 / ...
M12 M12 3 842 992 422 / ...
M12 D17 3 842 992 423 / ...
LF LF 3 842 992 418 / ...
LF M12 3 842 992 419 / ...
D17 3 842 992 417 / ...
D17 D17 3 842 992 420 / ...
D17 D17V 3 842 992 421 / ...
50 mm ≤ L ≤ 5600 mm

LE 6 x L = 5600 mm
3 842 509 658

90x90L 4N

LE 1 x L = ... mm
3 842 993 628 / ...
50 mm ≤ L ≤ 6000 mm
LE 6 x L = 6070 mm
3 842 538 297

90x90L 4NVS



00128447

90x90L 4NVS

LE 1 x L = ... mm
3 842 993 621 / ...
50 mm ≤ L ≤ 6000 mm
LE 6 x L = 6070 mm
3 842 538 296

* Endenbearbeitung M12 an gekennzeichneten Zentralbohrung.

* End finishing M12 at marked central bore.

* Usinage des extrémités M12 dans la cannelure centrale marquée à cet effet.

2-11,
16-2

2-27



2-28



2-59



2-64

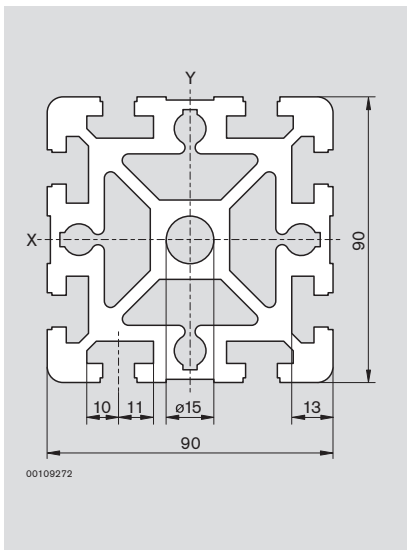
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90x90



00126089

90x90



90x90

LE 1 x L = ... mm	
	3 842 990 500 / ...
M16	3 842 990 501 / ...
M16 M16	3 842 990 502 / ...
M16 D17	3 842 992 961 / ...
M16/D22	3 842 992 373 / ...
M16/D22 M16/D22	3 842 993 083 / ...
F2	3 842 990 505 / ...
F2 F2	3 842 990 507 / ...
D17	3 842 990 092 / ...
LF LF	3 842 993 082 / ...
D17 D17	3 842 990 093 / ...
D17 D17V	3 842 990 094 / ...
50 mm ≤ L ≤ 5600 mm	
LE 6 x L = 5600 mm	
	3 842 509 189

2-11,
16-2

2-27



2-28



2-59

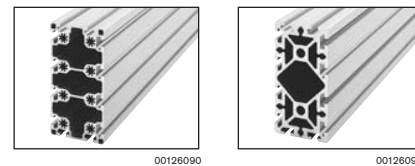


2-64

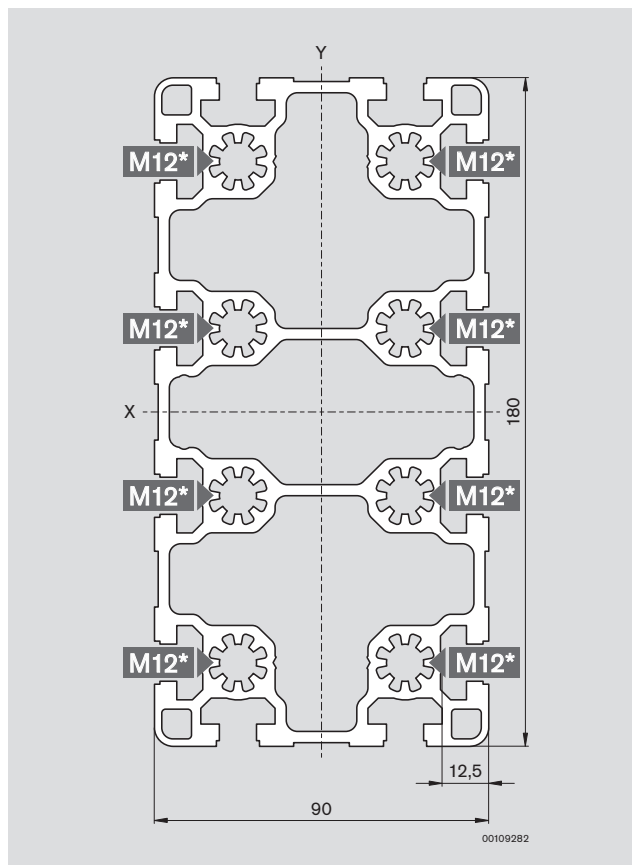
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90x180L

90x180



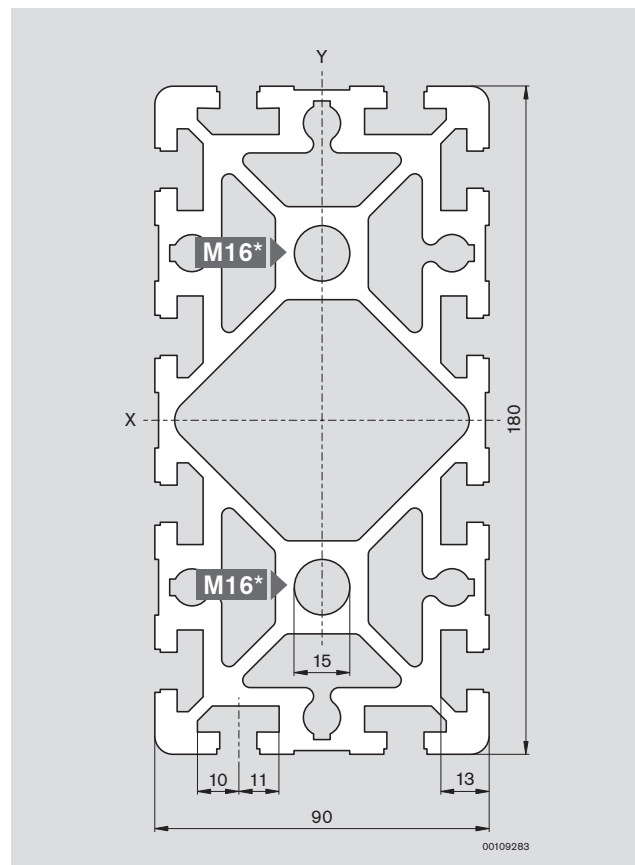
90x180L



90x180L

	LE 1 x L = ... mm
	3 842 992 857 / ...
M12	3 842 992 858 / ...
M12	3 842 992 859 / ...
LF	3 842 992 860 / ...
LF	3 842 992 861 / ...
D17V	3 842 992 864 / ...
	50 mm ≤ L ≤ 5600 mm
	LE 3 x L = 5600 mm
	3 842 516 015

90x180



90x180

	LE 1 x L = ... mm
	3 842 990 416 / ...
M16	3 842 990 417 / ...
M16	3 842 990 418 / ...
M16	3 842 990 419 / ...
F2	3 842 990 421 / ...
D17V	3 842 992 378 / ...
LF	3 842 992 898 / ...
LF-S	3 842 993 081 / ...
	50 mm ≤ L ≤ 5600 mm
	LE 3 x L = 5600 mm
	3 842 509 188

* Endenbearbeitung M an gekennzeichneten Zentralbohrung.

* End finishing M at marked central bore.

* Usinage des extrémités M dans la cannelure centrale marquée à cet effet.

2-11,
16-2

2-27



2-28



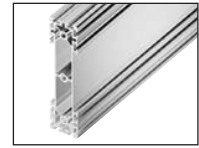
2-59



2-64

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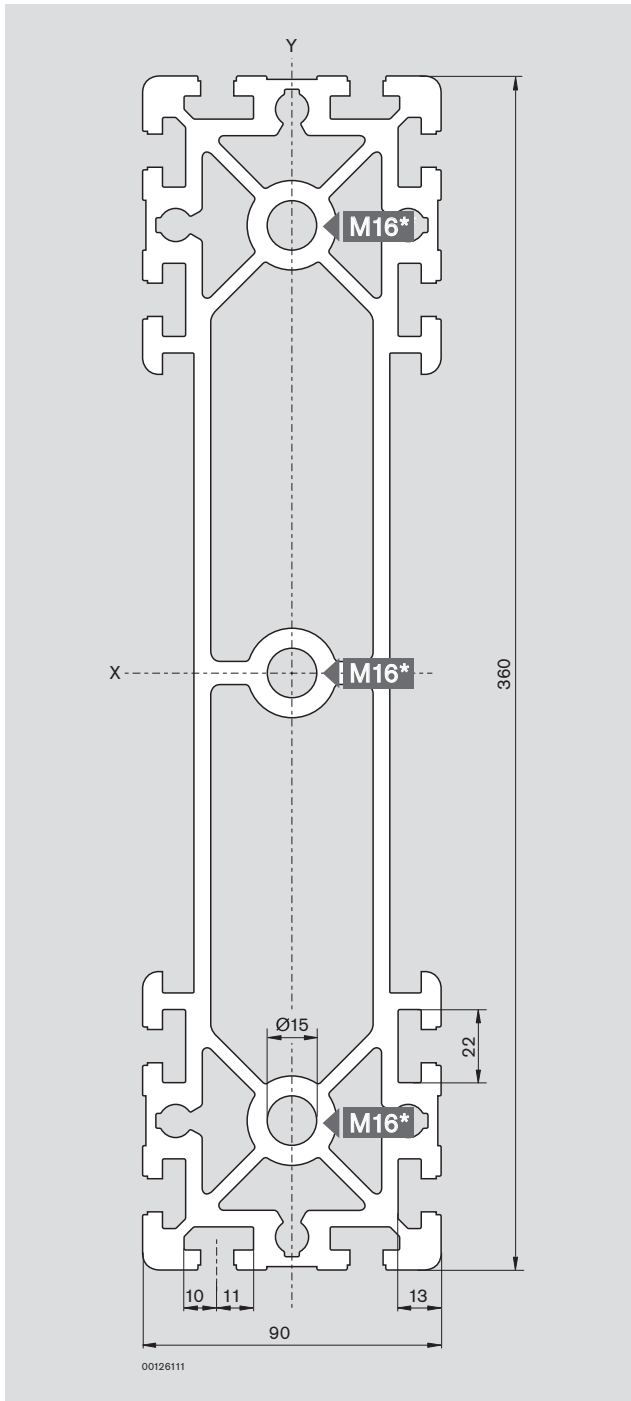
90x360



00126092



90x360



90x360

	LE 1 x L = ... mm
	3 842 993 434 / ...
M16  M16	3 842 993 435 / ...
F2  F2	3 842 993 436 / ...
50 mm ≤ L ≤ 6000 mm	

- * Endenbearbeitung M16 an gekennzeichnete Zentralbohrung.
- * End finishing M16 at marked central bore.
- * Usinage des extrémités M16 dans la cannelure centrale marquée à cet effet.

2-11,
16-2

2-27



2-28



2-59



2-64

15x22,5
15x180



00126094



Technical drawing of a mechanical part with dimensions and coordinate system. The part has a total width of 15 and a total height of 22,5. The inner width is 13, and the inner height is 19,5. The coordinate system has the origin at the top-left corner, with the Y-axis pointing upwards and the X-axis pointing to the right.

00109273

	LE 1 x L = ... mm
	3 842 992 473 / ...
D17	3 842 992 474 / ...
D17 D17	3 842 992 475 / ...
50 mm ≤ L ≤ 3000 mm	

LE 10 x L = 2000 mm
3 842 513 576

Technical drawing of a mechanical part showing dimensions and coordinate system.

- Dimensions:**
 - Total length: 162
 - Distance from top to first hole center: 22,5
 - Distance between hole centers: 135
 - Distance from last hole center to bottom: 45
 - Hole diameter: $\varnothing 3,7$
 - Bottom flange width: 15
 - Flange thickness: 1,5
 - Internal feature depth: 5,5
- Coordinate System:** X-Y axes are shown at the top of the part.

00110886

	LE 1 x L = ... mm
	3 842 993 079 / ...
	50 mm ≤ L ≤ 5600 mm

LE 6 x L = 5600 mm

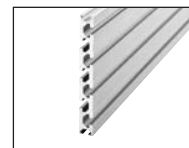
3 842 526 821

Profile · Profiles · Profilés

22,5x45
22,5x180



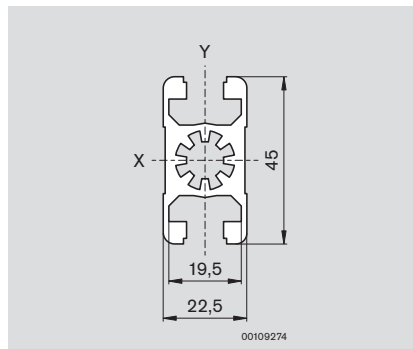
00126095



00126096



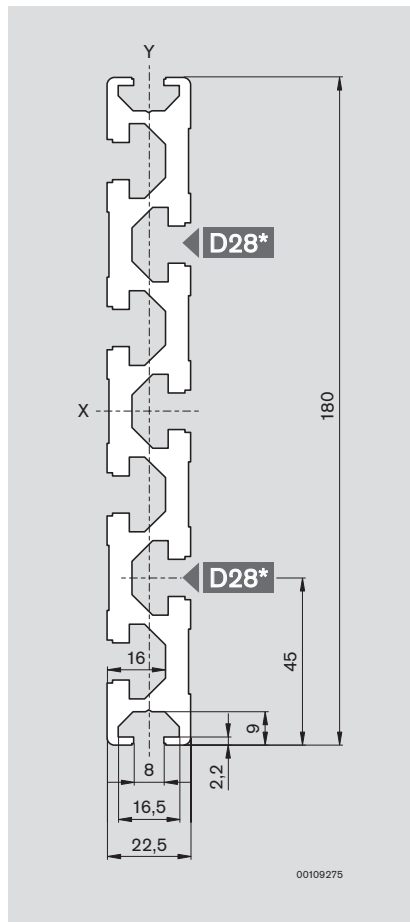
22,5x45



22,5x45

	LE 1 x L = ... mm
	3 842 990 292 / ...
M12 	3 842 990 087 / ...
M12  M12	3 842 990 090 / ...
D17V  D17V	3 842 990 091 / ...
	50 mm ≤ L ≤ 6000 mm
	LE 24 x L = 6070 mm
	3 842 537 812

22,5x180



22,5x180

	LE 1 x L = ... mm
	3 842 990 345 / ...
D28 	3 842 990 346 / ...
D28  D28	3 842 990 347 / ...
	50 mm ≤ L ≤ 5600 mm
	LE 6 x L = 5600 mm
	3 842 509 179

** Endenbearbeitung D28 an gekennzeichneten Nut.

** End finishing D28 at marked groove.

**** Usinage des extrémités D28 dans la rainure marquée à cet effet.**



2-12,
16-2



2-27



2-28



2-59



2-64

Profile · Profiles · Profilés

50x50L
50x100L
50x150L



00126097



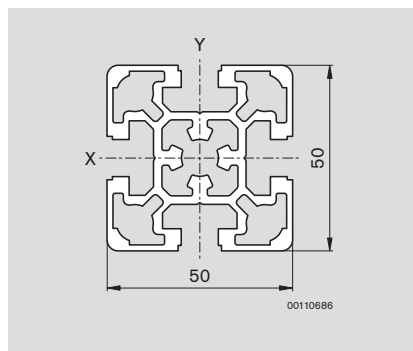
00126099



00126100



50x50L



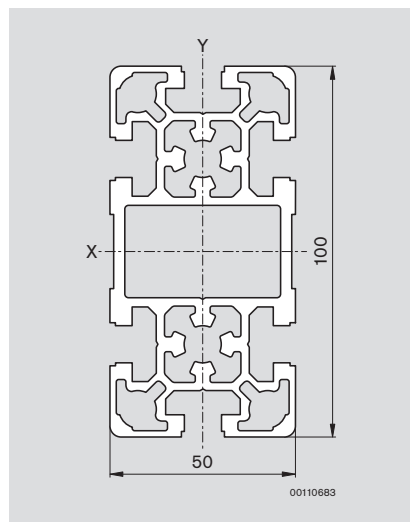
00110686

50x50L

LE 1 x L = ... mm	
	3 842 993 156 / ...
M12	3 842 993 157 / ...
M12 M12	3 842 993 158 / ...
M12 D17	3 842 993 159 / ...
D17	3 842 993 160 / ...
D17 D17	3 842 993 161 / ...
D17 D17V	3 842 993 162 / ...
D9,8 D9,8	3 842 993 164 / ...
50 mm ≤ L ≤ 6000 mm	

LE 20 x L = 6070 mm	
	3 842 529 351

50x100L



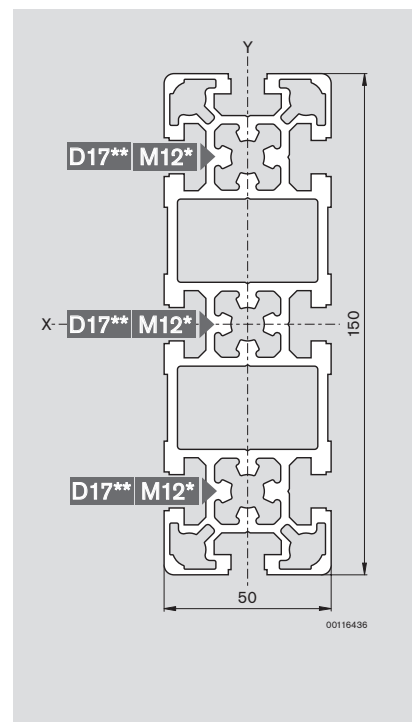
00110683

50x100L

LE 1 x L = ... mm	
	3 842 993 163 / ...
M12	3 842 993 165 / ...
M12 M12	3 842 993 166 / ...
D17 D17	3 842 993 167 / ...
D17 D17V	3 842 993 168 / ...
D17V	3 842 993 169 / ...
D17V D17V	3 842 993 170 / ...
50 mm ≤ L ≤ 6000 mm	

LE 10 x L = 6070 mm	
	3 842 537 825

50x150L



00116436

50x150L

LE 1 x L = ... mm	
	3 842 993 196 / ...
M12	3 842 993 194 / ...
M12 M12	3 842 993 199 / ...
D17 D17	3 842 993 200 / ...
D17V D17V	3 842 993 228 / ...
50 mm ≤ L ≤ 6000 mm	

LE 4 x L = 6070 mm	
	3 842 537 826

- * Endenbearbeitung M12 an gekennzeichnete Zentralbohrung.
- * End finishing M12 at marked central bore.
- * Usinage des extrémités M12 dans la cannelure centrale marquée à cet effet.

- ** Endenbearbeitung D17 an gekennzeichnete Nut.
- ** End finishing D17 at marked groove.
- ** Usinage des extrémités D17 dans la rainure marquée à cet effet.



2-12,
2-13
16-2



2-27



2-28



2-59

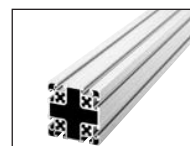


2-64

Profile · Profiles · Profilés

100x100L

100x200L



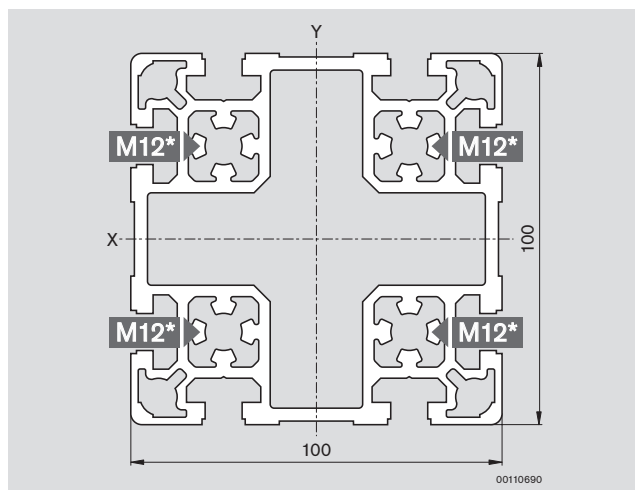
00126101



00126102



100x100L



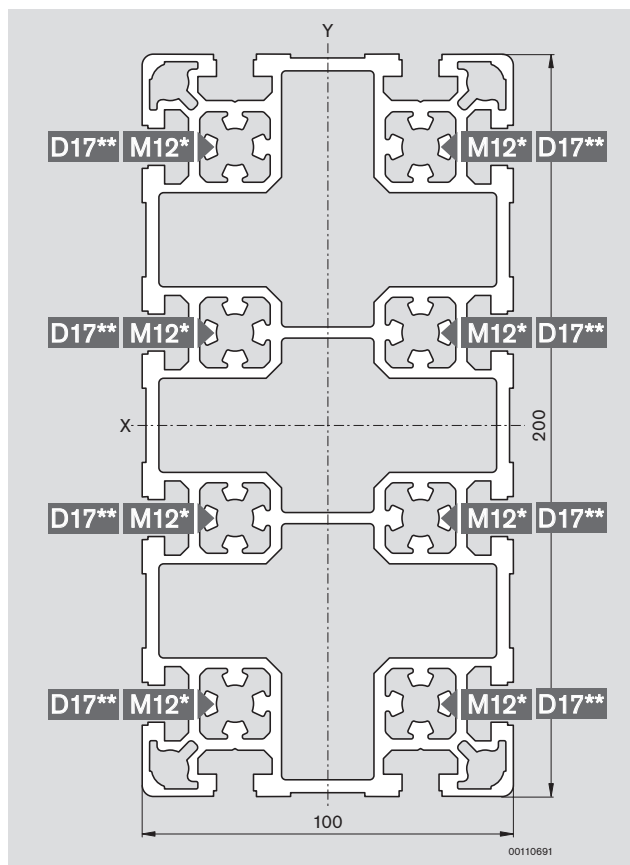
100x100L

	LE 1 x L = ... mm
	3 842 993 171 / ...
M12	3 842 993 172 / ...
M12 M12	3 842 993 173 / ...
M12 D17	3 842 993 174 / ...
D17	3 842 993 175 / ...
D17 D17	3 842 993 176 / ...
D17 D17V	3 842 993 177 / ...

50 mm ≤ L ≤ 6000 mm

	LE 6 x L = 6070 mm
	3 842 529 355

100x200L



100x200L

	LE 1 x L = ... mm
	3 842 993 178 / ...
M12	3 842 993 179 / ...
M12 M12	3 842 993 180 / ...
M12 D17	3 842 993 181 / ...
D17	3 842 993 182 / ...
D17 D17	3 842 993 183 / ...
D17V D17V	3 842 993 227 / ...

50 mm ≤ L ≤ 6000 mm

	LE 3 x L = 6070 mm
	3 842 529 357

* Endenbearbeitung M12 an gekennzeichneten Zentralbohrung.

* End finishing M12 at marked central bore.

* Usinage des extrémités M12 dans la rainure centrale marquée à cet effet.

** Endenbearbeitung D17 an gekennzeichneten Nut.

** End finishing D17 at marked groove.

** Usinage des extrémités D17 dans la rainure marquée à cet effet.

2-13,
16-2

2-27



2-28



2-59



2-64

info@abina.com

Profile · Profiles · Profilés

Vierkantrohr

Rectangular tube

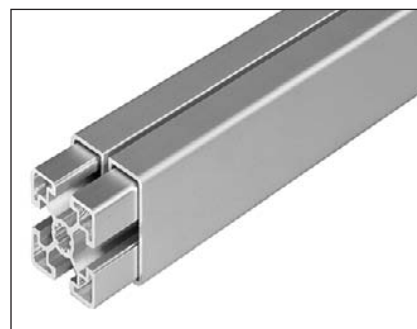
Tuyau carré



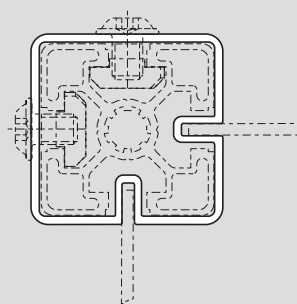
■ Mit dem Vierkantrohr kann das Profil 45x45 Teleskopartig verlängert werden. Schlitz zur Aufnahme von Flächenelementen.

■ With the rectangular tube the 45x45 profile can be lengthened telescopically. Slits to take panels.

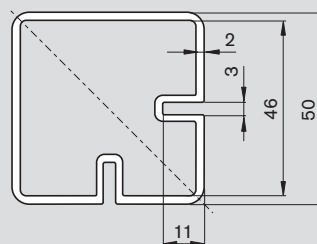
■ Le profilé 45x45 peut être rallongé de manière télescopique avec le tuyau carré. Des fentes sont prévues pour les éléments de surface.



00126106



00109310



00109309

LE 1 x L = ... mm

3 842 992 913 / ...

30 mm ≤ L ≤ 5600 mm

LE 6 x L = 5600 mm

3 842 537 817

Profile · Profiles · Profilés

Klemmprofil

Clamping profile

Profilé de serrage



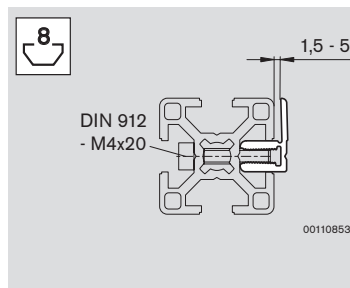
■ Mit den Klemmprofilen lassen sich Scheiben, Flächen und Gitter einfach an Standardprofilen befestigen.

■ The clamping profile enables simple mounting of panels and grilles to standard profiles.

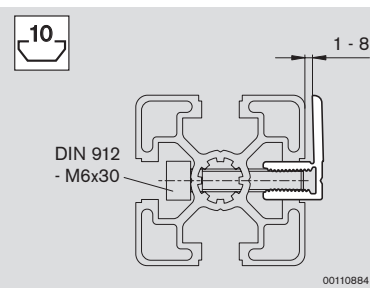
■ Avec les profilés de serrage, la fixation de vitres, de surfaces et grilles se fait simplement sur des profilés standard.



00126106

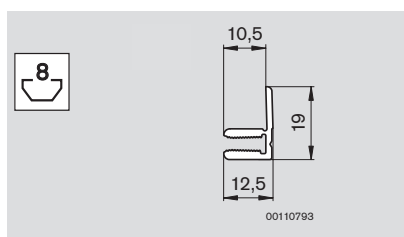


00110853

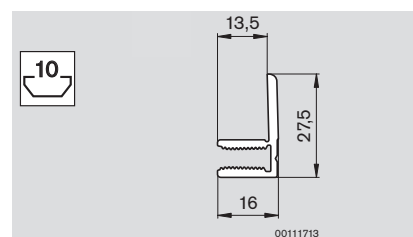


00110884

2



00110793

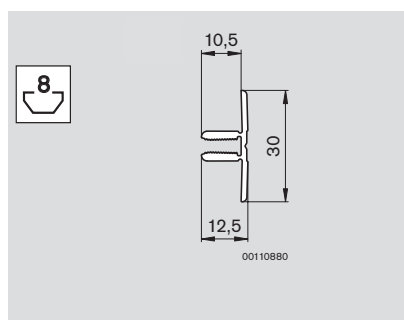


00111713

Klemmprofil
Clamping profile
Profilé de serrage

LE 1 x L = ... mm
3 842 993 017 / ...
50 mm ≤ L ≤ 3000 mm

LE 10 x L = 3000 mm
3 842 524 058



00110880

Klemmprofil
Clamping profile
Profilé de serrage

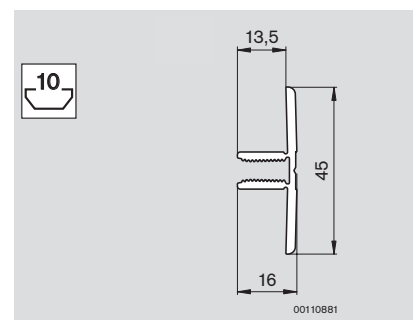
LE 1 x L = ... mm
3 842 993 018 / ...
50 mm ≤ L ≤ 3000 mm

LE 10 x L = 3000 mm
3 842 524 061

Klemmprofil
Clamping profile
Profilé de serrage

LE 1 x L = ... mm
3 842 993 019 / ...
50 mm ≤ L ≤ 3000 mm

LE 10 x L = 3000 mm
3 842 524 064



00110881

Klemmprofil
Clamping profile
Profilé de serrage

LE 1 x L = ... mm
3 842 993 020 / ...
50 mm ≤ L ≤ 3000 mm

LE 10 x L = 3000 mm
3 842 524 067



16-2

Profile · Profiles · Profilés

Rahmenprofil 22,5x30

Frame profile

Profilé de cadre



Rahmenprofile für den kostengünstigen Aufbau von Tablett und Materialebenen. Die Flächenelemente werden unter Vorspannung montiert und können daher nicht klappern. Eckstück mit selbstschneidender Schraube zur rechtwinkligen Verbindung.

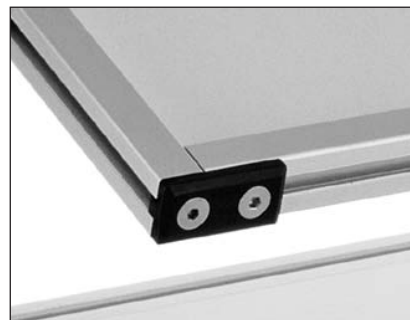
Material B, C: PA, schwarz

Frame profile for cost-effective construction of trays and material shelves. The surface elements are mounted under tension so that they do not rattle. Corner piece with self-tapping screw for right-angled connection.

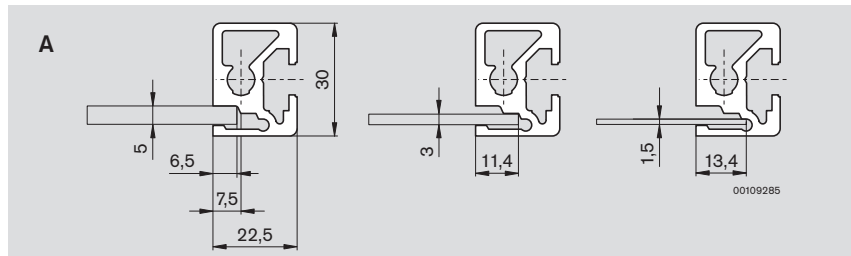
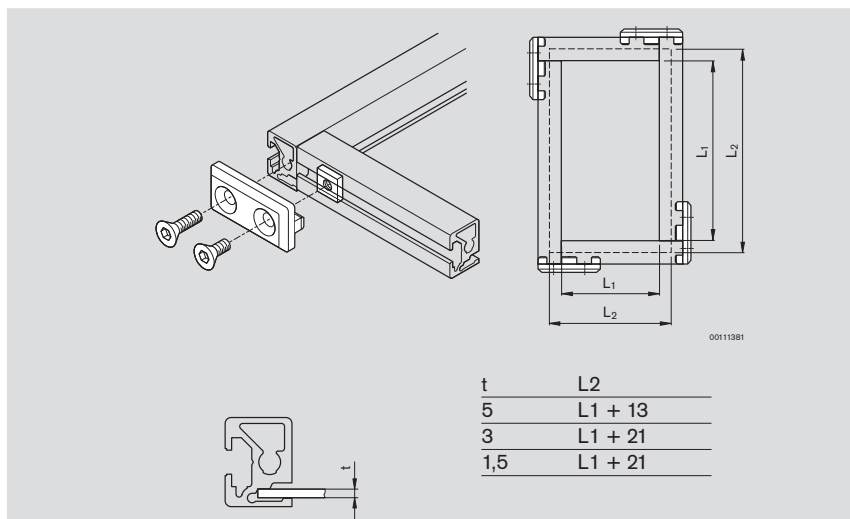
Material B, C: PA, black

Profilé de cadre pour un montage des plateaux et des niveaux de matériaux à prix avantageux. Les éléments de surface sont précontraints lors du montage et ne peuvent donc pas vibrer. Pièce d'angle à vis autotaraudeuse pour un raccord à angle droit.

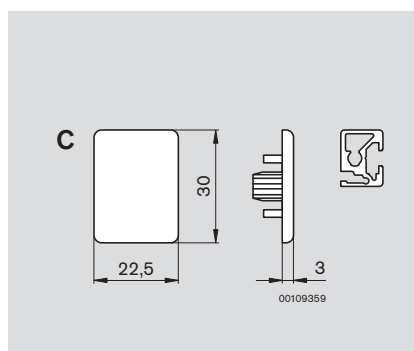
Matériau B, C : PA, noir



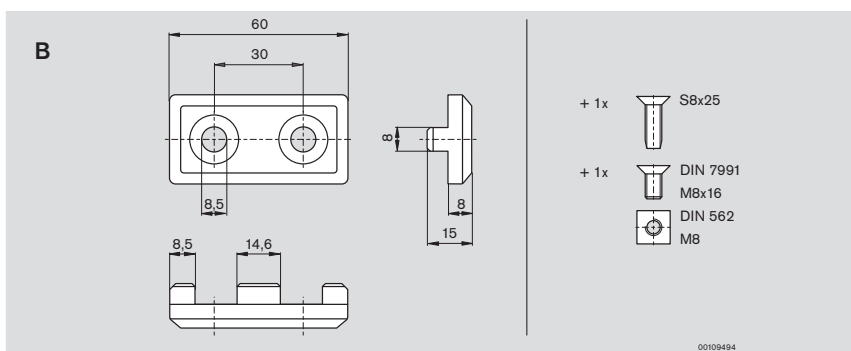
0011445



00109285



00109359



00109494

Abdeckkappe
Cap
Cache

		Nr./No./N°
C	20	3 842 516 720

Rahmenprofil 22,5x30
Frame profiles
Profilé de cadre

	LE 1 x L = ... mm
A	3 842 992 493 / ... 50 mm ≤ L ≤ 5600 mm

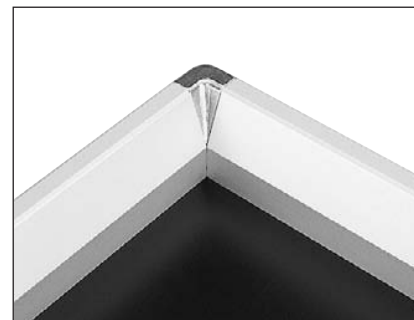
	LE 20 x L = 5600 mm
A	3 842 515 229

Eckstück
Corner piece
Pièce d'angle

		Nr./No./N°
B	4	3 842 535 661



10



00000642

Technical drawing of the BFT 10000 system. The top left shows a perspective view of the system being installed on a wall, with a screw labeled 'B' and a component labeled 'A'. The top right shows a perspective view of the system with dimensions L_1 , L_2 , and A . The bottom left shows a cross-section of the system with dimensions t and A . The bottom right shows a table with dimensions t , L_2 , and A .

t	L_2	A
5	$L_1 + 13$	0
3	$L_1 + 21$	15
1,5	$L_1 + 29$	23

2

A

Technical drawing showing three profiles (A, B, C) with dimensions. Profile A has dimensions: 6,5, 27, 45, 22,5, 7,5, 5, and $\varnothing 4$. Profile B has dimensions: 3, 11,5. Profile C has dimensions: 1,5, 15,5. The drawing includes a central dashed line and a small detail view of a pin and bush assembly.

001092B6

B

Technical drawing of a bracket (B) showing dimensions and a screw specification. The drawing includes a side view and a top view. The side view shows a bracket with a total width of 45, a mounting hole spacing of 27, and a mounting hole diameter of 9. The top view shows a bracket with a total length of 22,5 and a mounting hole spacing of 22,5. The screw specification is + 4x 4,5x30.

00109492



Profile · Profiles · Profilés

Winkelprofil
Angle profile
Profilé d'équerre



Winkelprofil zur Aufnahme von Behältern, Platten oder Werkstückträgern in Regalen, Materialwagen oder Magazinstaplern. Der Stopper verhindert das Verrutschen von Behältern.

Material Abdeckkappe, Stopper:
PA, schwarz

Angle profiles for supporting containers, boards or workpiece carriers in sets of shelves, trolleys and hopper stackers. The stopper prevents containers from sliding.

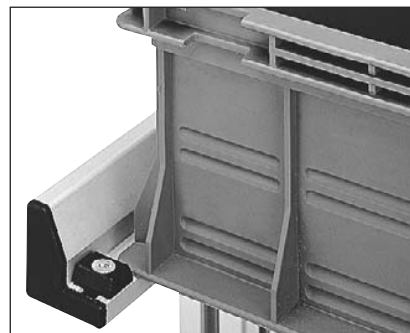
Cap, stopper material:
PA, black

Profilé d'équerre pour loger les caisses, les plaques ou les palettes porte-pièces sur des étagères, des chariots ou des chariots élévateurs. La butée empêche les caisses de glisser.

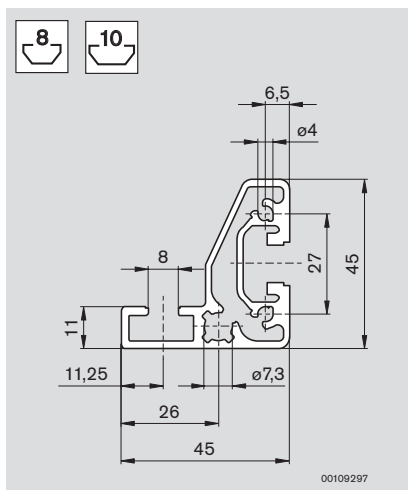
Matériau du cache et de la butée :
PA, noir



00111450



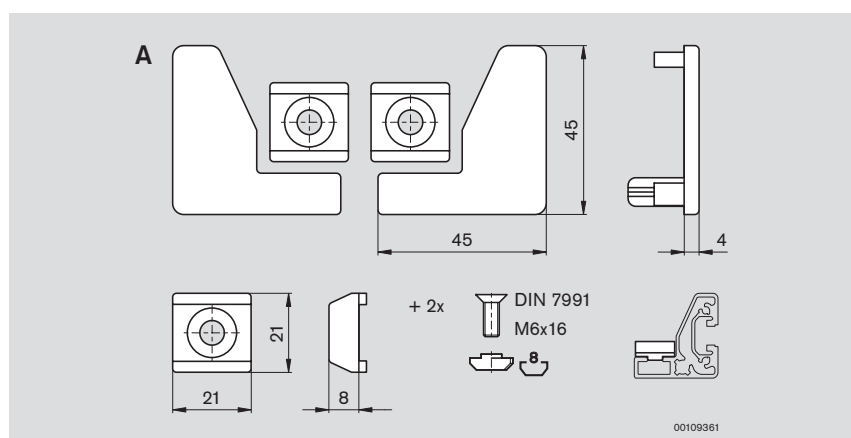
00111451



00109297

Winkelprofil
Angle profile
Profilé d'équerre

	LE 1 x L = ... mm
	3 842 992 412 / ...
	50 mm ≤ L ≤ 5600 mm
	LE 20 x L = 5600 mm
	3 842 508 104



0010936

Stopper, Abdeckkappe
Stopper, cap
Butée, cache

		Nr./No./N°
A	20	3 842 508 116

Profile · Profiles · Profilés

Einhängeprofil

Suspension profile

Profilé d'accrochage

■ Einhängeprofil zum schnellen und sicheren Aufhängen von Greifbehältern für die Teilebereitstellung.
Abdeckkappe A für das Einhängeprofil

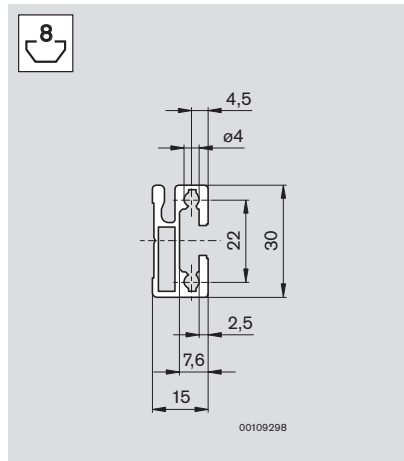
Material Abdeckkappe: PA, schwarz

■ Suspension profiles for hanging up grab containers quickly and securely for excellent availability of parts.
Cap A for the suspension profile

Cap material: PA, black

■ Profilé d'accrochage pour y accrocher en un tour de main et de manière sûre les bacs de préhension pour la mise à disposition des pièces.
Cache A pour le profilé à suspendre.

Matériau du cache : PA, noir



Einhängeprofil, eloxiert
Suspension profile, anodized
Profilé d'accrochage, anodisé

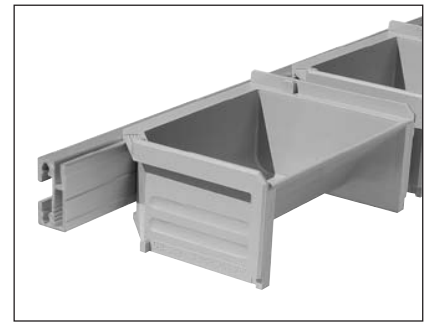
	LE 1 x L = ... mm
	3 842 993 411 / ...
	50 mm ≤ L ≤ 3000 mm

	LE 10 x L = 3100 mm
	3 842 537 679

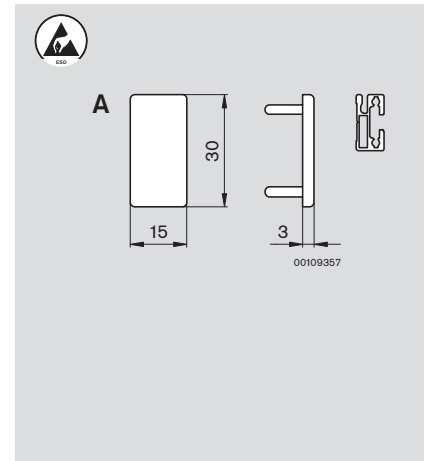
Einhängeprofil, transparent chromatiert
Suspension profile, transpar. chrome-plated
Profilé d'accrochage, chromaté en transparent

	LE 1 x L = ... mm
	3 842 993 359 / ...
	50 mm ≤ L ≤ 3000 mm

	LE 10 x L = 3100 mm
	3 842 537 681



00117828



Abdeckkappe
Cap
Cache

	Nr./No./N°
A	20
	3 842 338 990



Profile · Profiles · Profilés

Rundrohr D28, T-Verbinder, Haltewinkel

D28 round tube, T-connector, holding bracket

Tube rond D28, jonction en T, équerre de support

Das Rundrohr D28 wird mit dem T-Verbinder ohne Störkontur an der 10er-Nut eines Steckprofils befestigt. Bei Befestigung mit dem Haltewinkel kann das Rundrohr bei der Montage leicht in der Höhe justiert werden. Mit dem Beschriftungsclip können Informationen an der Rohrtraverse angebracht werden.

Material:

- Haltewinkel: Stahl, verzinkt, transparent chromatiert
- Beschriftungsclip: Hart-PVC, farblos
- Abdeckkappe T-Verbinder: ABS, schwarz

The D28 round tube is mounted at the 10 mm groove of a plug-in profile using a T-connector without interfering contours. If mounting with a holding bracket, the round tube can be slightly adjusted in height during assembly. Information can be placed onto the tubular cross tie using the lettering clip.

Material:

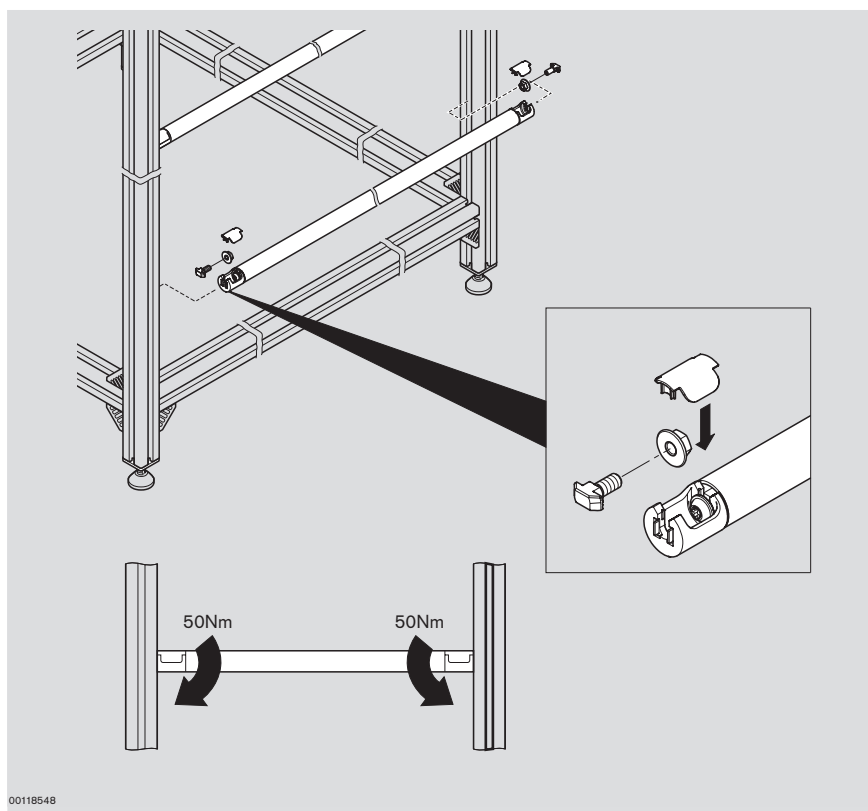
- holding bracket: galvanized steel, chromated transparent
- lettering clip: hard PVC, colorless
- T-connector cap: ABS, black

Le tube D28 est fixé avec la jonction en T sans contour perturbateur sur la rainure de 10 mm d'un profilé emboîtable. Fixé avec une équerre de support, le tube rond est facile à ajuster en hauteur lors du montage.

Le clip de marquage permet d'inscrire des informations sur la traverse tubulaire.

Matériau :

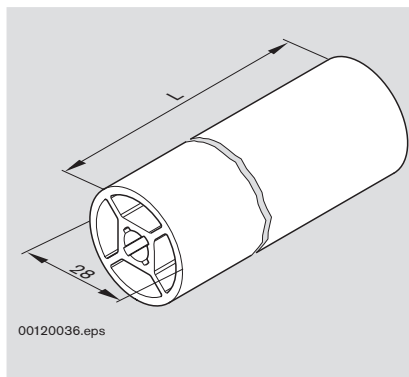
- équerre de support : acier galvanisé chromaté en transparent
- clip de marquage : PVC dur incolore
- cache jonction en T : ABS, noir



Profile · Profiles · Profilés



00120893



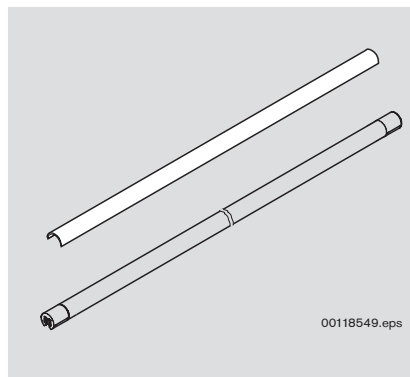
00120036.eps

Rundrohr D28
D28 round tube
Tube rond D28

Ø [mm]	LE 1 x L = ... mm
28	3 842 993 317 / ...
	50 mm ≤ L ≤ 6000 mm

Ø [mm]	LE 20 x L = 6070 mm
28	3 842 535 118

$I = 1,53 \text{ cm}^4$
 $W_p = 1,10 \text{ cm}^3$
 $A = 2,35 \text{ cm}^2$
 $m = 0,68 \text{ kg/m}$

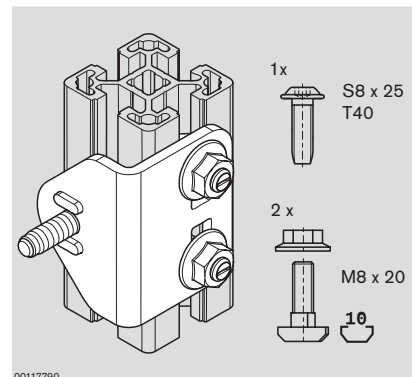


00118549.eps

Beschriftungsclip
Lettering clip
Clip de marquage

Nr./No./N°
3 842 993 318 / ...
50 mm ≤ L ≤ 2000 mm

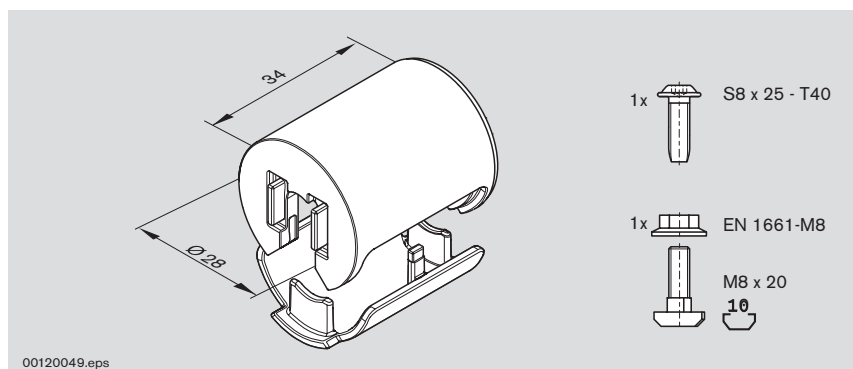
Nr./No./N°
20 3 842 535 136
L = 2000 mm



00117790

Haltewinkel mit Verbindersatz
Holding bracket with connector set
Equerre de support avec jeu de jonction

Nr./No./N°
20 3 842 536 002



00120049.eps

T-Verbinder mit Verbindersatz
T-connector with connector set
Junction en T avec jeu de jonction

Nr./No./N°
20 3 842 532 879

Profile · Profiles · Profilés

Nutenplatte 30x100

Grooved plate

Plaque à gorges

Zusammensetzbare Plattenprofile mit vielen Nuten für experimentelle Aufbauten in beliebigen Abmessungen. Beachten Sie den besonderen Nutabstand und das Nutmaß (8,9 mm). Die Verbindungstechnik der 8er-Nut ist einsetzbar.

Material:

– Nutenstein: PA

Dismountable plate profiles with lots of grooves for experimental constructions of any size. Note the special groove distance and groove dimensions (8.9 mm). 8mm-groove connectors may be used.

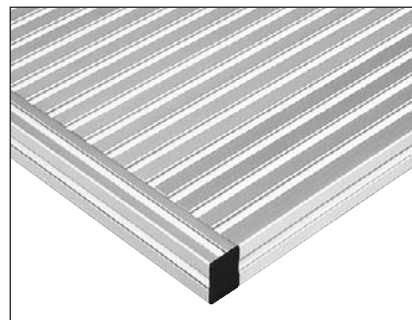
Material:

– sliding block: PA

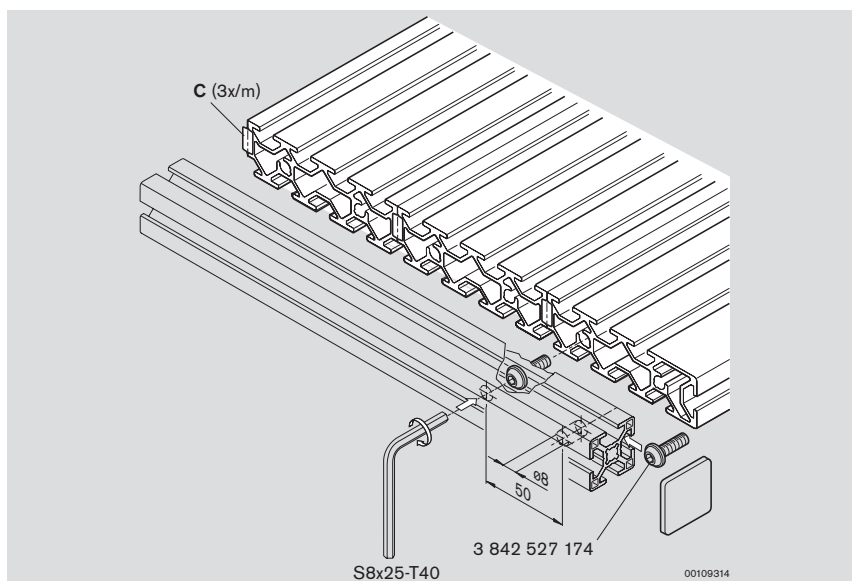
Profilés de plaques pouvant être assemblés et disposant de plusieurs rainures pour les constructions d'expérimentation de toutes dimensions. Observez l'écart de rainure particulier et la dimension de rainure (8,9 mm). La technique de raccord de la rainure de 8 peut être utilisée.

Matériau:

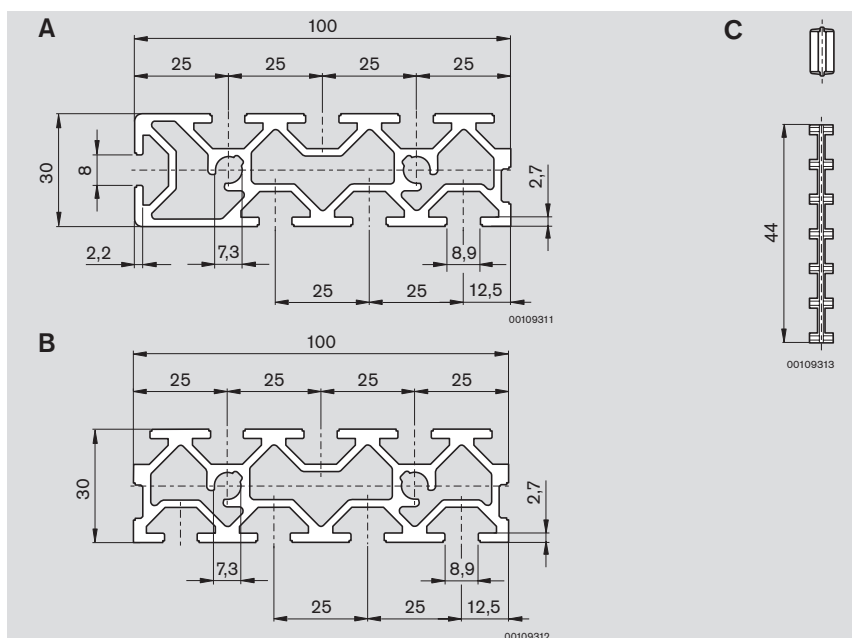
– coulisseau : PA



00111455



00109314



00109311

00109312

00109313

Nutenplatte 30x100
Grooved plate
Plaque à gorges

	LE 1 x L = ... mm
A	3 842 993 337
B	3 842 993 336
100 mm ≤ L ≤ 5600 mm	

Nutenstein
Sliding block
Coulisseau

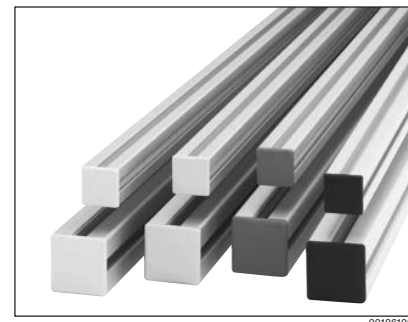
	Nr./No./N°
C	100 3 842 520 922

Profile · Profiles · Profilés

Abdeckkappen für Strebenprofile

Caps for strut profiles

Caches pour profilés d'étayage



Abdeckkappen in verschiedenen Farben verbessern das Design und verhindern Verletzungen an den Profilenenden.

Abdeckkappe mit Loch zur Verwendung mit Gelenkfüßen und Rollen. Dabei verhindert der Stützring, dass die Abdeckkappe unter Last fließt.

Material: PA

Material Stützring: Edelstahl

These caps available in several colours improve design and prevent injury on the ends of the profiles.

Caps are available with a hole in the center, for use with leveling feet and rollers. The bearing ring prevents the cap from deforming under loads.

Material: PA

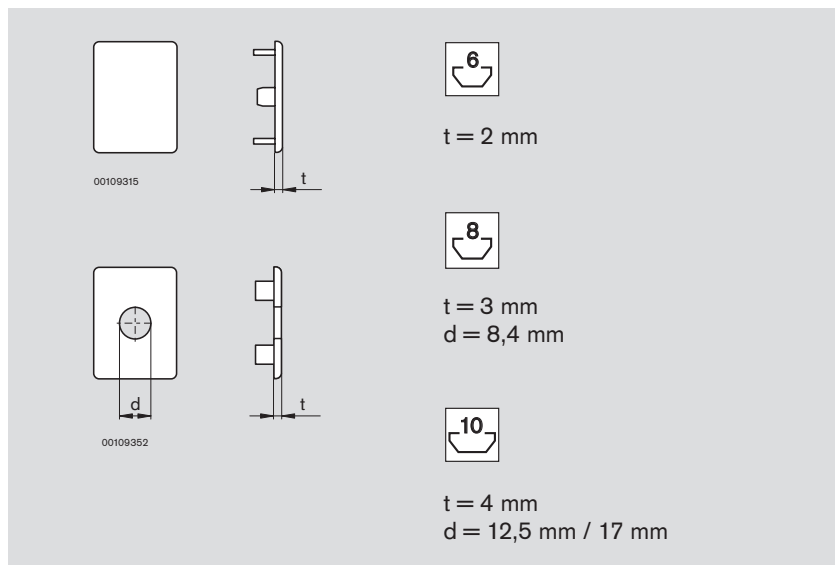
Bearing ring material: stainless steel

Caches de différentes couleurs offrant une meilleure esthétique et évitant de se blesser sur les embouts de profilés.

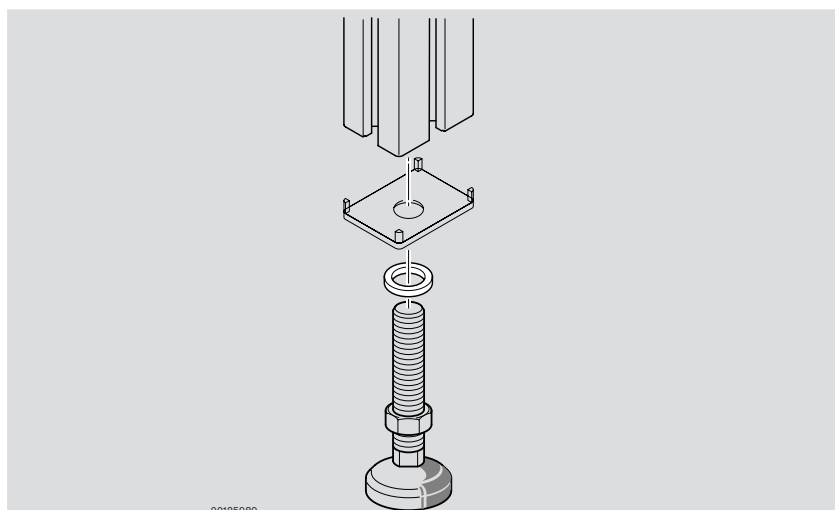
Cache avec orifice pour l'utilisation de pieds articulés et de roulettes. La bague d'appui empêche que le cache se plie sous la charge.

Matériau : PA

Matériau bague d'appui :
acier inoxydable



2



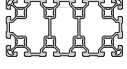
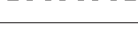
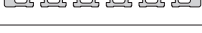
Stützring
Bearing ring
Bague d'appui

Nr./No./N°
100 3 842 536 321

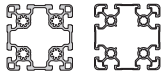
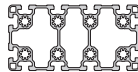
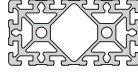
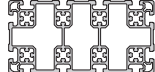
Profile · Profiles · Profilés

L1xL2				
		schwarz black noir	lichtgrau light grey gris clair RAL 7035	schwarz black noir
20x20		100 3 842 517 243	20 3 842 517 614	
20x20R		20 3 842 517 247		
20x40		100 3 842 517 243 (2x)	20 3 842 517 614 (2x)	
10x40		20 3 842 526 822		
20x60		20 3 842 523 354		
20x40x40		100 3 842 517 243 (3x)	20 3 842 517 614 (3x)	
30x30		100 3 842 501 232 20  3 842 517 057	20 3 842 516 506	20 3 842 503 143
30x30°		20 3 842 524 050		
30x45°		20 3 842 524 051		
30x60°		20 3 842 524 052		
30x30R		20 3 842 517 248		
30x45		20 3 842 531 219		20 3 842 531 220
30x60		20 3 842 540 870	20 3 842 516 506 (2x)	20 3 842 503 143 (2x)
30x90		100 3 842 501 232 (3x) 20  3 842 517 057 (3x)	20 3 842 516 506 (3x)	20 3 842 503 143 (3x)
30x120		100 3 842 501 232 (4x) 20  3 842 517 057 (4x)	20 3 842 516 506 (4x)	20 3 842 503 143 (4x)
60x60 8N			20 3 842 535 586	
30x60x60		100 3 842 501 232 (3x)		
11x20		20 3 842 513 584		
15x120		20 3 842 526 823		
40x40L		100  3 842 528 968	20 3 842 536 437	20  3 842 529 045
40x30°		20  3 842 529 049		
40x45°		20  3 842 529 050		
40x60°		20  3 842 529 051		

Profile · Profiles · Profilés

			
	schwarz black noir	lichtgrau light grey gris clair RAL 7035	schwarz black noir
L1xL2			
40x40LR 	20  3 842 529 044		
40 HR 	20  3 842 530 136		20  3 842 530 136
40x80L 	20  3 842 529 036	20 3 842 536 436	20  3 842 529 046
40x120L 	100  3 842 528 968 (1x) 20  3 842 529 036 (1x)	20 3 842 536 437 (1x) 20 3 842 536 436 (1x)	
40x80x80L 	20  3 842 529 752		
80x80L 	20  3 842 529 039		
80x120L 	20  3 842 529 053		
80x160L 	20  3 842 529 039 (2x)		
45x45 	100 3 842 502 674	20 3 842 517 059	20 3 842 523 442
45x45L 	20  3 842 517 058		
45x30° 	20 3 842 524 053		
45x45° 	20 3 842 524 054		
45x60° 	20 3 842 524 055		
45x45LR 	20 3 842 517 250		
45x45HR 	3 842 521 265 20		
45x60 	20 3 842 515 122 20  3 842 517 855	20 3 842 517 854	20 3 842 191 094
45x90SL 	20 3 842 511 783	20 3 842 536 438	20 3 842 511 855
45x90L 			
45x90 			
45x180 	20 3 842 503 845		
45x270 	20 3 842 511 783 (3x)		
45x90x90L 	20 3 842 527 988		

Profile · Profiles · Profilés

					
		schwarz black noir	lichtgrau light grey gris clair RAL 7035		schwarz black noir
L1xL2					
90x90L 90x90SL		20	3 842 516 214		
90x90		20	3 842 242 400		20 3 842 514 664
90x180L		20	3 842 516 214 (2x)		
90x180		20	3 842 242 400 (2x)		
90x360		20	3 842 242 400 (2x)		
15x22,5		20	 3 842 537 594		
15x180		20	3 842 526 824		
22,5x45		20	3 842 501 577		
22,5x180		20	3 842 503 844		
50x50L		20	 3 842 528 969		20  3 842 529 047
50x100L		20	 3 842 528 969 (2x)		20  3 842 529 047 (2x)
50x150L		20	 3 842 529 052		
100x100L		20	 3 842 529 042		
100x200L		20	 3 842 529 042 (2x)		
60x60L 60x60		100	3 842 511 874		20 3 842 511 876
60x90		20	3 842 510 293		20 3 842 514 663

Profile · Profiles · Profilés

Abdeckkappe aus Zinkdruckguss

Zinc diecast cap

Cache en zinc moulé sous pression



00111457

Die Abdeckkappe aus Zinkdruckguss ist stoßfest und beständig gegen aggressive Medien.

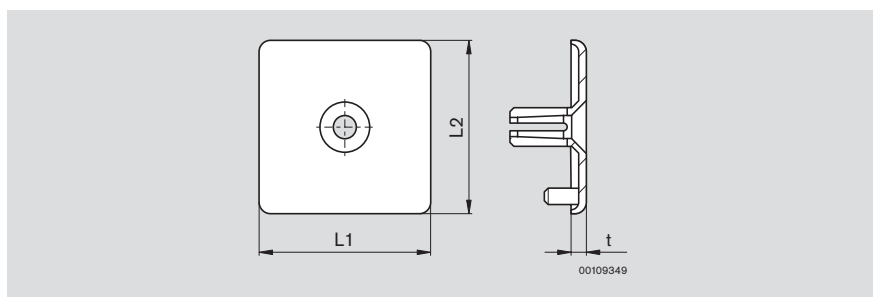
Material: Zinkdruckguss

The zinc diecast cap is shock-proof and resistant to aggressive media.

Material: diecast zinc

Le cache en zinc moulé sous pression est résistant aux chocs et aux substances agressives.

Matériau: zinc moulé sous pression



Abdeckkappe aus Zinkdruckguss
Zinc diecast cap
Cache en zinc moulé sous pression

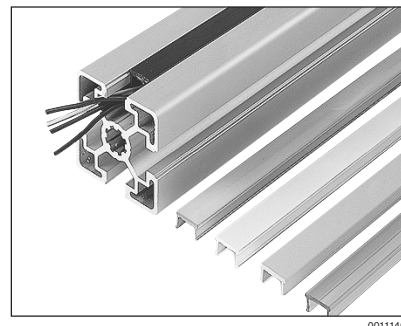
L1xL2	t [mm]	Nr. / No. / Nr.	
30x30	3	3 842 518 204	+ 1x  DIN 7991 M4x16
			
45x45	4	3 842 518 205	+ 1x  DIN 7991 M6x16
			

Profile · Profiles · Profilés

Abdeckprofile

Cover profiles

Profilés de protection



00111460



Profil zur Designverbesserung von Profilkonstruktionen, zur Fixierung von Kabeln oder zum Schutz der Profilhuten gegen Verschmutzungen.

Material:

- A, C, E: Aluminium, natur eloxiert
- D, F: Hart-PVC
- B: PP

Profile for improving the appearance of profile constructions, for fixing cables or protecting profile grooves from dirt.

Material:

- A, C, E: aluminum, natural-colored, anodized
- D, F: rigid PVC
- B: PP

Profilé pour l'amélioration de design de constructions de profilés, pour la fixation de câbles ou la protection des rainures de profilé contre les impuretés.

Matériau :

- A, C, E : aluminium, anodisation couleur naturelle
- D, F : PVC dur
- B : PP

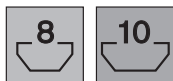
	A	 00109365		
Aluminium / Aluminum / Aluminium			L = 2000 mm 	Nr./No./N°
			10	3 842 523 254
	B	 00117777		
Lichtgrau / light gray / gris clair, RAL 7035			L = 2000 mm 	Nr./No./N°
			10	3 842 536 487
	C	 00109366		
Aluminium / Aluminum / Aluminium			L = 2000 mm 	Nr./No./N°
			10	3 842 523 256
	D	 00109367		
Schwarz / black / noir , RAL9005			L = 2000 mm 	Nr./No./N°
			10	3 842 501 962
Farblos opak / colorless, opaque / incolore opaque			10	3 842 503 073
Lichtgrau / light gray / gris clair, RAL 7035			10	3 842 518 375
Rot / red / rouge, RAL 3020			10	3 842 518 376
Gelb / yellow / jaune, RAL 1023			10	3 842 518 377
Blau / blue / bleu, RAL 5010			10	3 842 538 956
Orange / orange / orange, RAL 2004			10	3 842 538 958
	E	 00109368		
Aluminium / Aluminum / Aluminium			L = 2000 mm 	Nr./No./N°
			10	3 842 523 258
	F	 00109369		
Schwarz / black / noir, RAL9005			L = 2000 mm 	Nr./No./N°
			10	3 842 146 901
Farblos opak / colorless, opaque / incolore opaque			10	3 842 191 182
Lichtgrau / light gray / gris clair, RAL 7035			10	3 842 518 367
Rot / red / rouge, RAL 3020			10	3 842 518 368
Gelb / yellow / jaune, RAL 1023			10	3 842 518 369
Blau / blue / bleu, RAL 5010			10	3 842 538 955
Orange / orange / orange, RAL 2004			10	3 842 538 957

Profile · Profiles · Profilés

Radiusausgleich

Radial compensation

Joue de protection



Zur Vermeidung von Spalten und scharfen Kanten bei T-förmigen Verbindungen mit Zentralschraube oder Schnellspanverbinder (bei reduzierter Belastung). Zur Aufnahme von Scheiben sind die Nutsegmente herausbrechbar.

Belastungsangaben 16-9 sind statisch ermittelte Richtwerte – bei der Konstruktion entsprechende Sicherheiten berücksichtigen!

Material: hochfestes PA, lichtgrau RAL 7035

To prevent gaps and sharp edges in T-shaped connections with central bolt or quick connector (with reduced load). The grooved segments can be removed for the insertion of window panes.

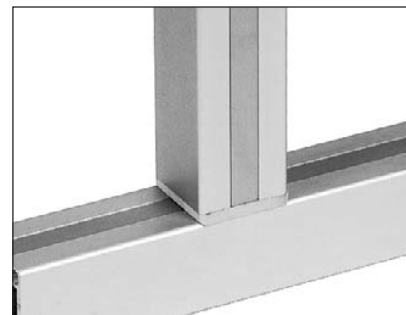
Load specifications 16-9 are statically calculated standard values – for construction, take into account adequate safety values!

Material: high-strength PA, light grey RAL 7035

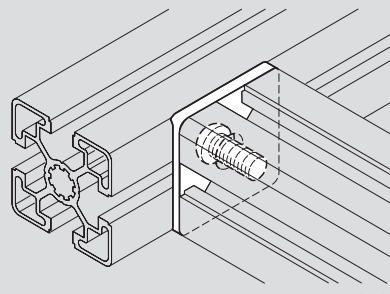
Pour éviter les fentes et les arêtes vives, s'utilise sur les assemblages en T soit par vis centrale soit par de serrage rapide. Les segments à rainures peuvent être détachés pour poser des vitres.

Les spécifications de charge 16-9 sont des valeurs indicatives déterminées de manière statique – prendre en compte des valeurs de sécurité lors de la construction !

Matériau : PA hautement résistant, gris clair RAL 7035

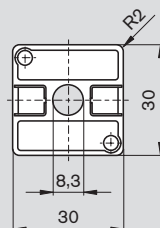


00111459

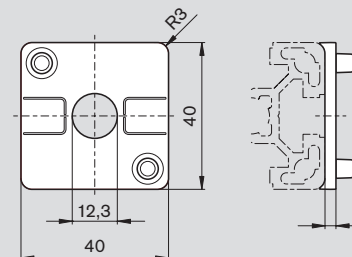


00109355

2



00109353



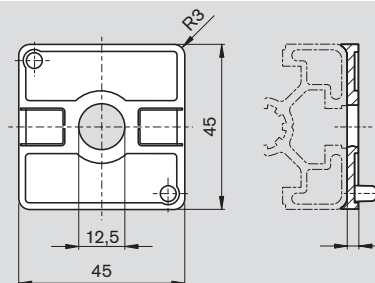
00116439

Radiusausgleich 30
Radial compensation
Joue de protection

	Nr./No./N°
30x30 10	3 842 524 415

Radiusausgleich 40
Radial compensation
Joue de protection

	Nr./No./N°
40x40 10	3 842 529 026



00109354

Radiusausgleich 45
Radial compensation
Joue de protection

	Nr./No./N°
45x45 10	3 842 524 414



16-9