

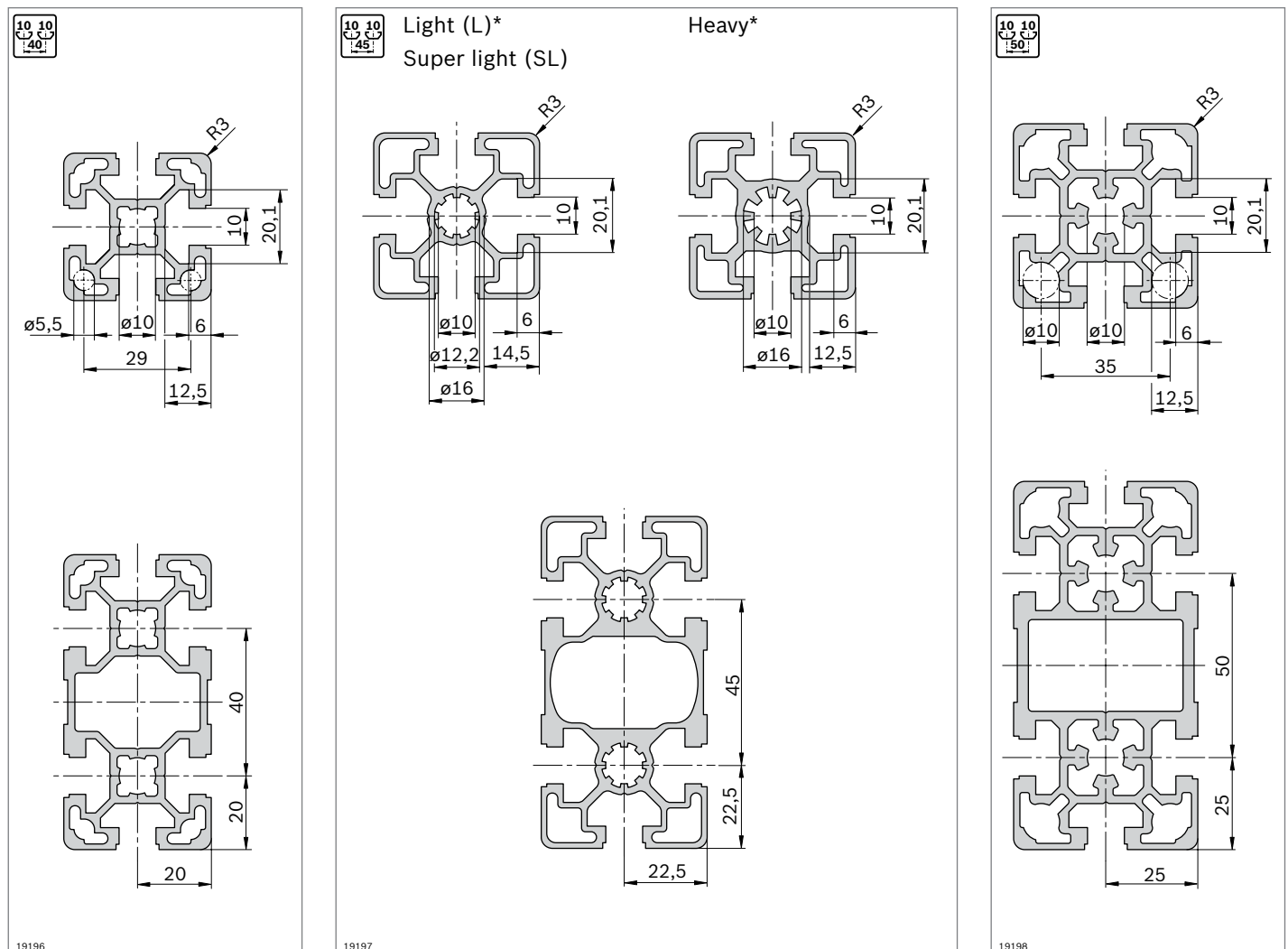
Strut profiles with 10 mm slot

The Rexroth modular profile system, with 10 mm slots in the modular dimensions 40 mm, 45 mm, 50 mm, and 60 mm, covers all conventional profile dimensions on the world market.

Thanks to their computer-optimized design, the strut profiles L with 10 mm slot (modular dimensions 40 mm,

45 mm, and 50 mm, e.g. 50x50L) combine high strengths with minimum use of materials. This gives you a cost-effective and stable solution for the construction of tables, protection devices or frames, for instance.

Slot, modular dimensions, central bore



*) The following L-profiles have a "heavy" slot geometry:
45x90x90L; 45x90x90L 4N; 90x90L; 90x90L 4N; 90x90L 4NVS; 90x180L

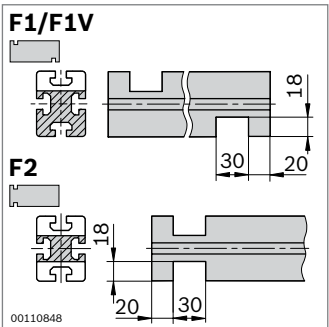
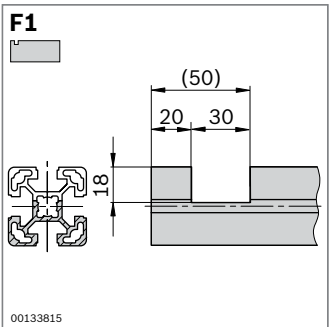
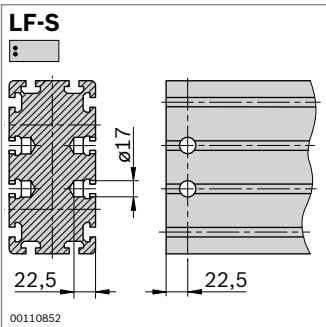
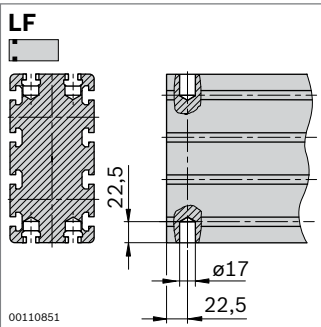
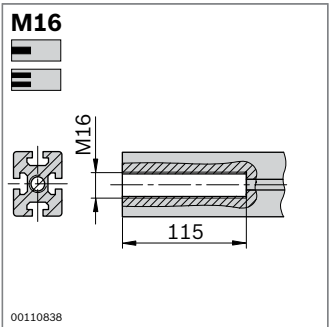
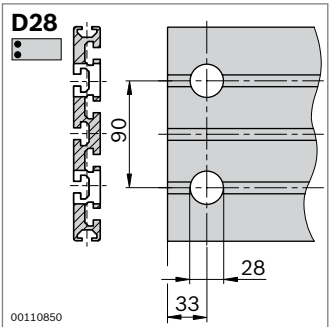
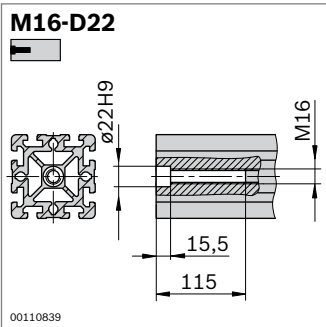
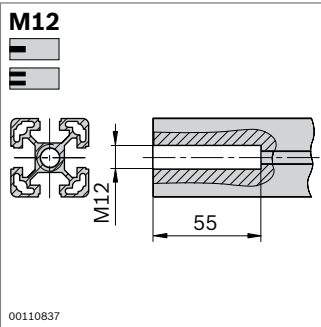
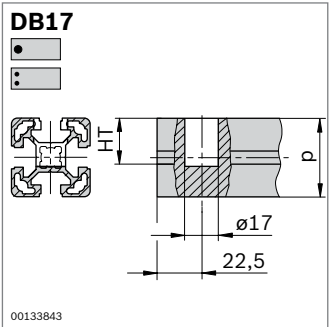
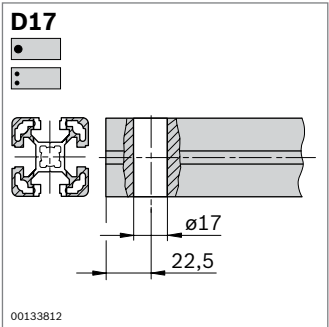
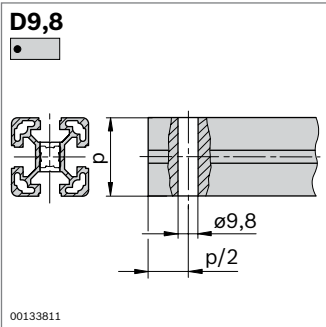
Minimum profile lengths (mm) for Quick & Easy standard profile finishing on one or both sides

	-	M12	M16	D9.8	D17/DB17	F1
-	50	60	120	50	60	60
M12	60	110	180	90	90	110
M16	120	180	240	150	170	170
D9.8	50	90	150	80	70	90
D17/DB17	60	90	170	70	80	90
F1	60	110	170	90	90	80

For applications with high loads, we recommend especially stable profiles with 10 mm slots, e.g. for heavy work tables, fixtures, machine frames, transport shuttles, protective enclosures, and handling systems.

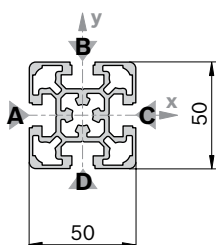
Due to its very sturdy design, this slot allows maximum strength connections.

Profile finishing



50x50L

$A = 9,3 \text{ cm}^2$
 $I_x = 21,2 \text{ cm}^4$
 $I_y = 21,2 \text{ cm}^4$
 $W_x = 8,5 \text{ cm}^3$
 $W_y = 8,5 \text{ cm}^3$
 $m = 2,5 \text{ kg/m}$



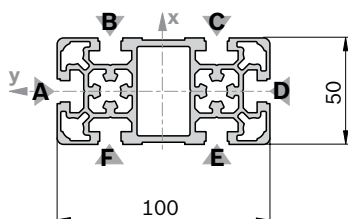
19454

Cover cap	Color	ESD	No.
50x50 (1x)	Signal gray		20 3 842 548 820
50x50 (1x)	Black		20 3 842 548 821
Material:	PP		

Cover cap with hole	Color	ESD	No.
50x50 (1x)	Signal gray		20 3 842 548 822
50x50 (1x)	Black		20 3 842 548 823
Material:	PP		

50x100L

$A = 17,2 \text{ cm}^2$
 $I_x = 162,8 \text{ cm}^4$
 $I_y = 42,6 \text{ cm}^4$
 $W_x = 32,6 \text{ cm}^3$
 $W_y = 17,0 \text{ cm}^3$
 $m = 4,6 \text{ kg/m}$



19455

Cover cap	Color	ESD	No.
50x50 (2x)	Signal gray		20 3 842 548 820
50x50 (2x)	Black		20 3 842 548 821
Material:	PP		

Cover cap with hole	Color	ESD	No.
50x50 (2x)	Signal gray		20 3 842 548 822
50x50 (2x)	Black		20 3 842 548 823
Material:	PP		

50x50L	L (mm)	No.
1 pcs	50 ... 6000	3 842 993 156 / L
1 pcs M12	60 ... 6000	3 842 993 157 / L
1 pcs M12 M12	110 ... 6000	3 842 993 158 / L
1 pcs M12 D17	90 ... 6000	3 842 993 159 / L
1 pcs D9,8 D9,8	80 ... 6000	3 842 993 164 / L
1 pcs D17	60 ... 6000	3 842 993 160 / L
1 pcs D17 D17	80 ... 6000	3 842 993 161 / L
1 pcs D17 D17V	80 ... 6000	3 842 993 162 / L
20 pcs	6070	3 842 529 351

Quick & Easy (p. 2-8, see fold-out section)

50x50L	3 842 993 665 / ...
Length L (mm)	50 ... 6000
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9.8 / D17 / DB17
Customized profile finishing ($L_{\max} = 5400 \text{ mm}$)	DI / DIS / MT / MTS / MI / MIS / DG ¹⁾

¹⁾ $DG_{\max} = 45^\circ$; $L_{\min1} / L_{\min2} = 387 / 474 \text{ mm}$

50x100L	L (mm)	No.
1 pcs	50 ... 6000	3 842 993 163 / L
1 pcs M12	60 ... 6000	3 842 993 165 / L
1 pcs M12 M12	110 ... 6000	3 842 993 166 / L
1 pcs D17 D17	90 ... 6000	3 842 993 167 / L
1 pcs D17 D17V	80 ... 6000	3 842 993 168 / L
1 pcs D17V	60 ... 6000	3 842 993 169 / L
1 pcs D17V D17V	90 ... 6000	3 842 993 170 / L
10 pcs	6070	3 842 537 825

Profile finishing:

- M12: in all core holes
- D17: in slots B/F, C/E
- D17V: in slot A/D

Quick & Easy (p. 2-8, see fold-out section)

50x100L	3 842 993 663 / ...
Length L (mm)	50 ... 6000
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9.8 / D17 / DB17 / F1 (A, D) ¹⁾
Customized profile finishing ($L_{\max} = 5400 \text{ mm}$)	DI / DIS / MT / MTS / MI / MIS / DG ²⁾

¹⁾ For the specified slots

²⁾ $DG_{\max} = 45^\circ$; $L_{\min1} / L_{\min2} = 474 / 648 \text{ mm}$

50x150L

A = 25,8 cm²

l_x = 540,0 cm⁴

l_y = 64,2 cm⁴

W_x = 72,0 cm³

W_y = 25,7 cm³

m = 6,9 kg/m

10 10

50

19456

Cover cap	Color	ESD	No.
50x150 (1x)	Signal gray		20 3 842 548 818
50x150 (1x)	Black		20 3 842 548 819
Material:	PP		

100x100L

A = 29,9 cm²

l_x = 318,3 cm⁴

l_y = 318,3 cm⁴

W_x = 63,7 cm³

W_y = 63,7 cm³

m = 8,1 kg/m

10 10

100

19457

Cover cap	Color	ESD	No.
100x100 (1x)	Signal gray		20 3 842 548 824
100x100 (1x)	Black		20 3 842 548 825
Material:	PP		

50x150L	L (mm)	No.
1 pcs	50 ... 6000	3 842 993 196 / L
1 pcs M12	60 ... 6000	3 842 993 194 / L
1 pcs M12 M12	110 ... 6000	3 842 993 199 / L
1 pcs D17 D17	80 ... 6000	3 842 993 200 / L
1 pcs D17V D17V	90 ... 6000	3 842 993 228 / L
4 pcs	6070	3 842 537 826

Profile finishing:

M12: in all core holes
 D17: in slots B/H, C/G, D/F
 D17V: in slots A/E

Quick & Easy
(p. 2-8, see fold-out section)

50x150L	3 842 993 664 / ...
Length L (mm)	80 ... 6000
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9.8 (B,C,D,F,G,H) ¹⁾ / D17 (B,C,D,F,G,H) ¹⁾ / DB17 / F1 (A,E) ¹⁾
Customized profile finishing (L _{max} = 5400 mm)	DI / DIS / MT / MTS / MI / MIS / DG ²⁾

¹⁾ For the specified slots

²⁾ DG_{max} = 45°; L_{min1} / L_{min2} = 450 / 600 mm

100x100L	L (mm)	No.
1 pcs	50 ... 6000	3 842 993 171 / L
1 pcs M12	60 ... 6000	3 842 993 172 / L
1 pcs M12 M12	110 ... 6000	3 842 993 173 / L
1 pcs M12 D17	90 ... 6000	3 842 993 174 / L
1 pcs D17	60 ... 6000	3 842 993 175 / L
1 pcs D17 D17	80 ... 6000	3 842 993 176 / L
1 pcs D17 D17V	80 ... 6000	3 842 993 177 / L
6 pcs	6070	3 842 529 355

Profile finishing:

M12: in all core holes
 D17: in slots C/H, D/G
 D17V: in slots A/F, B/E

Quick & Easy
(p. 2-8, see fold-out section)

100x100L	3 842 993 685 / ...
Length L (mm)	50 ... 6000
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9,8 / D17 / DB17 / F1
Customized profile finishing (L _{max} = 5400 mm)	DI / DIS / MT / MTS / MI / MIS / DG ¹⁾

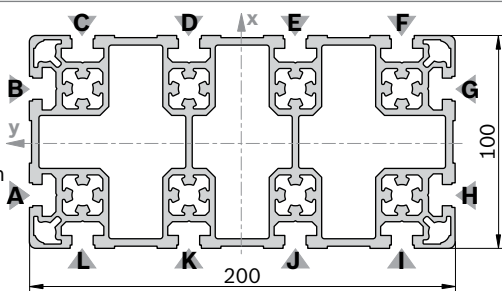
¹⁾ DG_{max} = 45°; L_{min1} / L_{min2} = 474 / 648 mm

100x200L

$A = 54,0 \text{ cm}^2$
 $I_x = 2133,1 \text{ cm}^4$
 $I_y = 602,1 \text{ cm}^4$
 $W_x = 213,3 \text{ cm}^3$
 $W_y = 120,4 \text{ cm}^3$
 $m = 14,6 \text{ kg/m}$



19458



Cover cap	Color	ESD	No.
100x100 (2x)	Signal gray	20	3 842 548 824
100x100 (2x)	Black	20	3 842 548 825

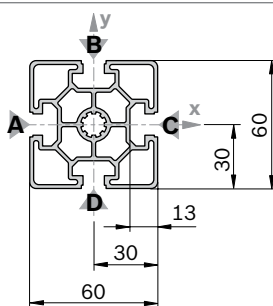
Material: PP

60x60L

$A = 9,6 \text{ cm}^2$
 $I_x = 32,4 \text{ cm}^4$
 $I_y = 32,4 \text{ cm}^4$
 $W_x = 10,8 \text{ cm}^3$
 $W_y = 10,8 \text{ cm}^3$
 $m = 2,6 \text{ kg/m}$



19459



Cover cap	Color	ESD	No.
60x60 (1x)	Signal gray	100	3 842 548 808
60x60 (1x)	Black	100	3 842 548 809

Material: PP

Cover cap with hole	Color	ESD	No.
60x60 (1x)	Signal gray	20	3 842 548 810
60x60 (1x)	Black	20	3 842 548 811

Material: PP

100x200L	L (mm)	No.
1 pcs	50 ... 6000	3 842 993 178 / L
1 pcs M12	60 ... 6000	3 842 993 179 / L
1 pcs M12 M12	110 ... 6000	3 842 993 180 / L
1 pcs M12 D17	90 ... 6000	3 842 993 181 / L
1 pcs D17	60 ... 6000	3 842 993 182 / L
1 pcs D17 D17	80 ... 6000	3 842 993 183 / L
1 pcs D17V D17V	90 ... 6000	3 842 993 227 / L
3 pcs	6070	3 842 529 357

Profile finishing: M12: in all core holes
D17: in slots C/L, D/K, E/J, F/I
D17V: in slots A/H, B/G

Quick & Easy (p. 2-8, see fold-out section)

100x200L	3 842 993 687 / ...
Length L (mm)	50 ... 6000
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9.8 (C,D,E,F,I,J,K,L) ¹⁾ / D17 (C,D,E,F,I,J,K,L) ¹⁾ / DB17 / F1 (A,G) ¹⁾
Customized profile finishing (L _{max} = 5400 mm)	DI / DIS / MT / MTS / MI / MIS / DG ²⁾

¹⁾ For the specified slots

²⁾ DG_{max} = 30°; L_{min} = 416 / 532 mm

60x60L	L (mm)	No.
1 pcs	50 ... 5600	3 842 992 443 / L
1 pcs M12	60 ... 5600	3 842 992 444 / L
1 pcs M12 M12	110 ... 5600	3 842 992 445 / L
1 pcs M12 D17	90 ... 5600	3 842 992 446 / L
1 pcs D17	60 ... 5600	3 842 992 449 / L
1 pcs D17 D17	80 ... 5600	3 842 992 447 / L
1 pcs D17 D17V	80 ... 5600	3 842 992 448 / L
20 pcs	5600	3 842 511 872

Quick & Easy (p. 2-8, see fold-out section)

60x60L	3 842 993 670 / ...
Length L (mm)	50 ... 5600
Standard profile finishing (note minimum length, p. 2-25)	M12 / D9.8 / D17 / DB17
Customized profile finishing (L _{max} = 4900 mm)	DI / DIS / MT / MTS / MI / MIS / DG ¹⁾

¹⁾ DG_{max} = 45°; L_{min} = 404 / 508 mm