

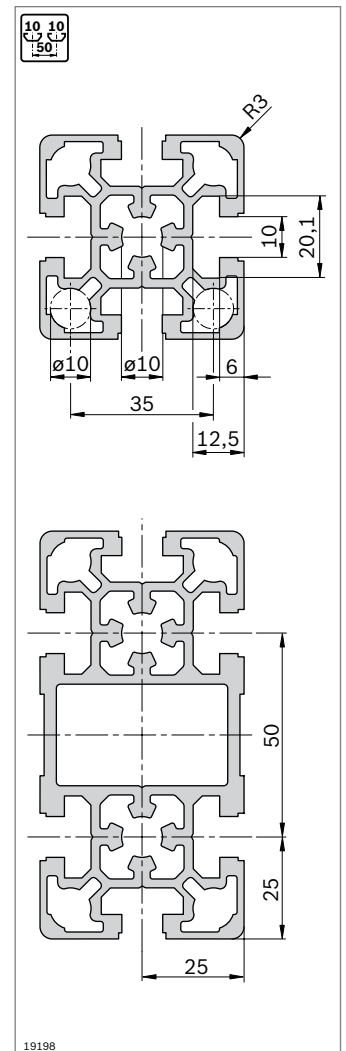
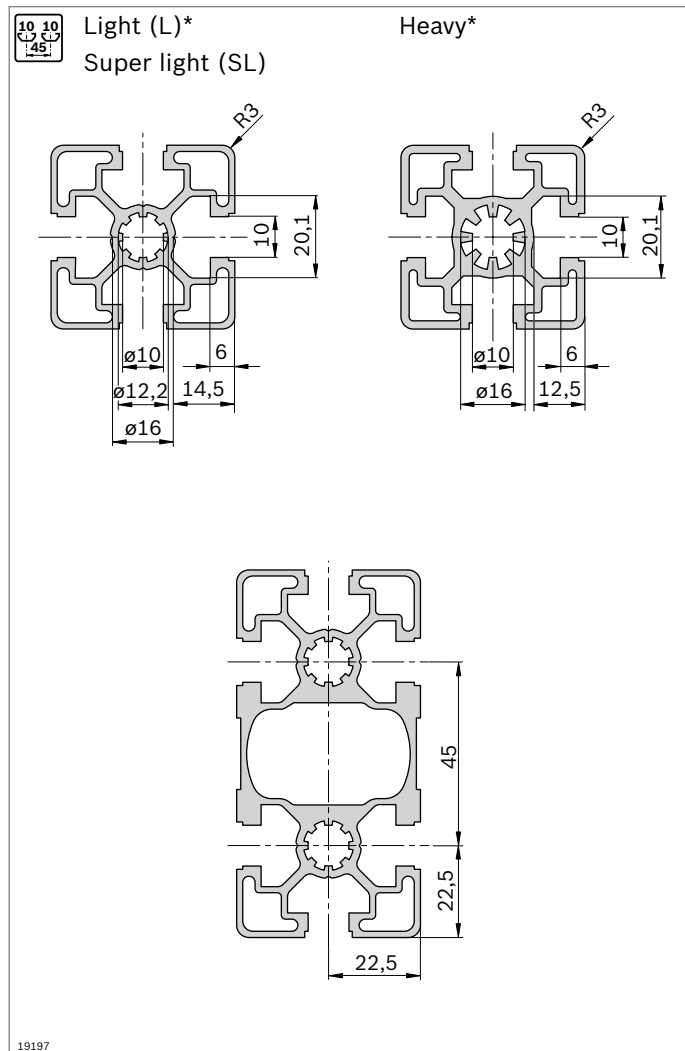
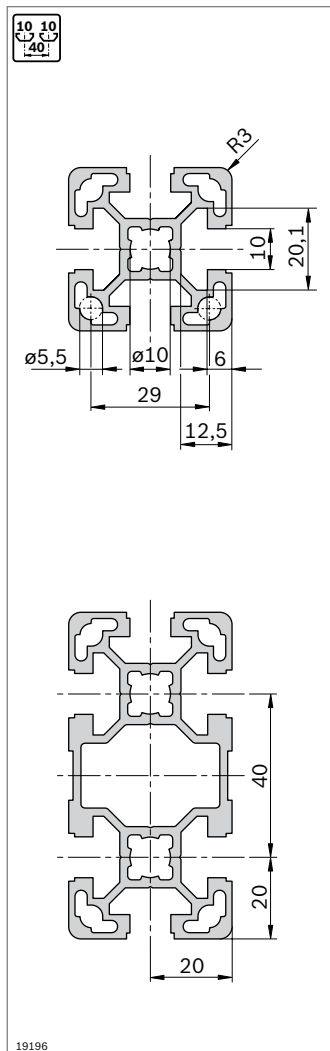
# Strut profiles with 10 mm slot

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.

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.

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

## 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**

**D9,8**  
00133811

**D17**  
00133812

**DB17**  
00133843

**M12**  
00110837

**M16-D22**  
00110839

**D28**  
00110850

**M16**  
00110838

**LF**  
00110851

**LF-S**  
00110852

**F1**  
00133815

**F1/F1V**  
00110848

**60x60**

$A = 14,4 \text{ cm}^2$   
 $I_x = 52,2 \text{ cm}^4$   
 $I_y = 52,2 \text{ cm}^4$   
 $W_x = 17,4 \text{ cm}^3$   
 $W_y = 17,4 \text{ cm}^3$   
 $m = 3,9 \text{ kg/m}$

19460

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

Material: PP

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

Material: PP

**60x90**

$A = 25,8 \text{ cm}^2$   
 $I_x = 214,2 \text{ cm}^4$   
 $I_y = 90,5 \text{ cm}^4$   
 $W_x = 47,6 \text{ cm}^3$   
 $W_y = 30,2 \text{ cm}^3$   
 $m = 7,0 \text{ kg/m}$

19461

Cover cap	Color	ESD	No.
60x90 (1x)	Signal gray		20 <b>3 842 548 812</b>
60x90 (1x)	Black		20 <b>3 842 548 813</b>

Material: PP

Cover cap with hole	Color	ESD	No.
60x90 (1x)	Signal gray		20 <b>3 842 551 050</b>
60x90 (1x)	Black		20 <b>3 842 551 051</b>

Material: PP

**Note:** A quick connector cannot be used

60x60	L (mm)	No.
1 pcs	50 ... 5600	<b>3 842 990 350 / L</b>
1 pcs M12	60 ... 5600	<b>3 842 990 351 / L</b>
1 pcs M12  M12	110 ... 5600	<b>3 842 990 353 / L</b>
1 pcs M12  M16	180 ... 5600	<b>3 842 990 354 / L</b>
1 pcs M12  D17	90 ... 5600	<b>3 842 990 355 / L</b>
1 pcs M16	120 ... 5600	<b>3 842 990 352 / L</b>
1 pcs M16  D17	170 ... 5600	<b>3 842 990 373 / L</b>
1 pcs D17	50 ... 5600	<b>3 842 990 370 / L</b>
1 pcs D17  D17	80 ... 5600	<b>3 842 990 357 / L</b>
1 pcs D17  D17V	80 ... 5600	<b>3 842 990 359 / L</b>
20 pcs	5600	<b>3 842 509 185</b>

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

60x60	3 842 993 668 / ...
Length L (mm)	50 ... 5600
Standard profile finishing (note minimum length, p. 2-25)	M12 / M16 / D9,8 / D17 / DB17
Customized profile finishing ( $L_{max} = 4900 \text{ mm}$ )	DI / DIS / MT / MTS / MI / MIS / DG <sup>1)</sup>

<sup>1)</sup>  $DG_{max} = 45^\circ$ ;  $L_{min} = 404 / 508 \text{ mm}$

60x90	L (mm)	No.
1 pcs	50 ... 5600	<b>3 842 990 450 / ...</b>
1 pcs M16	120 ... 5600	<b>3 842 990 453 / ...</b>
1 pcs M16  M16	240 ... 5600	<b>3 842 990 454 / ...</b>
1 pcs M16  D17	170 ... 5600	<b>3 842 992 962 / ...</b>
1 pcs M16  D17V	170 ... 5600	<b>3 842 992 963 / ...</b>
1 pcs M16  F2	170 ... 5600	<b>3 842 990 472 / ...</b>
1 pcs D17  D17	80 ... 5600	<b>3 842 990 097 / ...</b>
1 pcs D17  D17V	80 ... 5600	<b>3 842 990 099 / ...</b>
1 pcs D17V  D17V	90 ... 5600	<b>3 842 990 098 / ...</b>
1 pcs F1  F1	110 ... 5600	<b>3 842 990 464 / ...</b>
1 pcs F1  F1V	110 ... 5600	<b>3 842 990 481 / ...</b>
1 pcs F2  F2	110 ... 5600	<b>3 842 990 478 / ...</b>
10 pcs	5600	<b>3 842 509 183</b>

Profile finishing: D17: in slots B/F, C/E  
D17V: in slots A/D

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

60x90	3 842 993 671 / ...
Length L (mm)	50 ... 5600
Standard profile finishing (note minimum length, p. 2-25)	M16 / D9,8 / D17 / DB17 / F1 (A, D) <sup>1)</sup>
Customized profile finishing ( $L_{max} = 4900 \text{ mm}$ )	DI / DIS / MT / MTS / MI / MIS / DG <sup>1)</sup>

<sup>1)</sup> For the specified slots

<sup>1)</sup>  $DG_{max} = 45^\circ$ ;  $L_{min} = 456 / 612 \text{ mm}$