

## Strut profile 20x20 3N



- Strut profiles with 6 mm slot for light structures, such as supports and lab fixtures
- The 20x40 and 20x60 profiles are particularly suitable for reinforcing
- The 20x40x40 profile is suitable for constructing show cases, flow racks and enclosures

# Product description

[Quick & Easy profile finishes](#)

[Introduction to strut profiles](#)

## Technical data

No.	Material
3842992889	Anodized aluminum
3842517180	
3842993693	
3842548742	PP
3842548743	
3842517174	Anodized aluminum

Groove			6	
Moment of inertia	$I_x$	cm <sup>4</sup>	0.7	0.7
	$I_y$	cm <sup>4</sup>	0.8	0.8
Moment of resistance	$W_x$	cm <sup>3</sup>	0.7	0.7
	$W_y$	cm <sup>3</sup>	0.7	0.7
Torsion index	$I_T$	cm <sup>4</sup>	0.19	0.19
	$W_t$	cm <sup>3</sup>	0.34	0.34
Mass	m	kg	0.5	0.5


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## Dimensions

Strut profile 20x20 3N

**20x20 3N**

$A = 1,7 \text{ cm}^2$   
 $I_x = 0,7 \text{ cm}^4$   
 $I_y = 0,8 \text{ cm}^4$   
 $W_x = 0,7 \text{ cm}^3$   
 $W_y = 0,7 \text{ cm}^3$   
 $I_t = 0,19 \text{ cm}^4$   
 $W_t = 0,34 \text{ cm}^3$   
 $m = 0,5 \text{ kg/m}$





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## Ordering codes

The following cover caps can be used:

20x20 signal gray (1 item)

20x20 black (1 item)

	L		ESD	No.
	mm			
Strut profile 20x20 3N	50 ... 3000	1		3842992889
Strut profile 20x20 3N	3000	1		3842517180
Strut profile 20x20 3N Q&E	50 ... 3000	1		3842993693
Cover cap 20x20, signal gray		100		3842548742
Cover cap 20x20, black		20		3842548743
Strut profile 20x20 3N	3000	1		3842517174

## Quick & Easy profile finishes

<b>Standard profile finishing</b> $L_{\max} = 6000$ mm (note minimum length)	M6 / D5.8 / D8 / DB8
<b>Customized profile finishes</b> ( $L_{\max} = 2300$ mm) <sup>1)</sup>	DI / DIS / MT / MTS / MI / MIS / DG

1)  $DG_{\max} = 45^\circ$ ;  $L_{\min1} / L_{\min2} = 335 / 370$  mm