

A DIE SETS



B PRECISION GROUND PLATES AND FLAT BARS



Steel and aluminium plates, flat and square tool steels
Precision feeler gauges, foil shims



C LIFTING AND CLAMPING DEVICES



D GUIDE ELEMENTS



E GROUND PRECISION COMPONENTS



F SPRINGS



G ELASTOMERS



H FIBRO-CHEMICAL TOOLING AIDS



J PERIPHERAL EQUIPMENT



K CAM UNITS



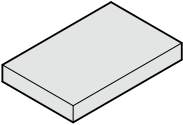
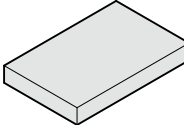
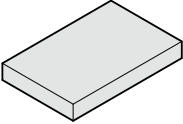
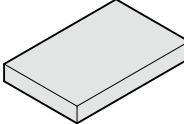
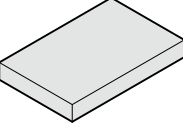
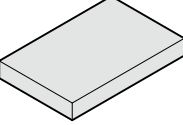
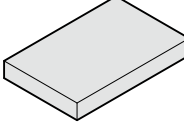
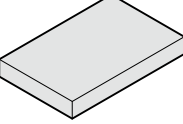
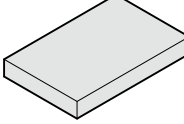
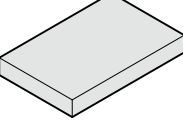
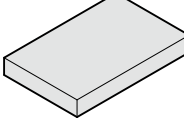
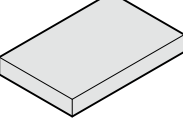
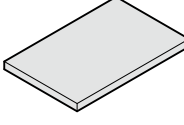
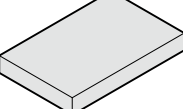
L STANDARD PARTS FOR MOULD MAKING



PRECISION GROUND PLATES AND FLAT BARS

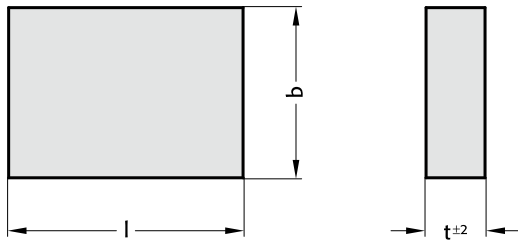


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STEEL PLATE ISO 6753-1

2900.



Execution:

External contours milled. Thickness surfaces ground

Note:

l or b ≤ 630 = +0,2 / +0,4

l or b > 630 = +0,2 / +0,6

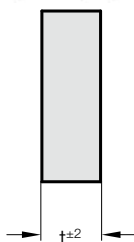
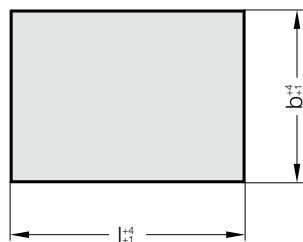
Plates from 500 × 500 mm on are manufactured with lifting thread.

2900. Steel plate ISO 6753-1

Order No	Size l x b x t	Order No	Size l x b x t	Order No	Size l x b x t
2900.1608.25	160 x 80 x 25	2900.3120.40	315 x 200 x 40	2900.6340.32	630 x 400 x 32
2900.1608.32	160 x 80 x 32	2900.3120.50	315 x 200 x 50	2900.6340.40	630 x 400 x 40
2900.1610.25	160 x 100 x 25	2900.3125.32	315 x 250 x 32	2900.6340.50	630 x 400 x 50
2900.1610.32	160 x 100 x 32	2900.3125.40	315 x 250 x 40	2900.6340.63	630 x 400 x 63
2900.1612.25	160 x 125 x 25	2900.3125.50	315 x 250 x 50	2900.6350.32	630 x 500 x 32
2900.1612.32	160 x 125 x 32	2900.3131.32	315 x 315 x 32	2900.6350.40	630 x 500 x 40
2900.1616.25	160 x 160 x 25	2900.3131.40	315 x 315 x 40	2900.6350.50	630 x 500 x 50
2900.1616.32	160 x 160 x 32	2900.3131.50	315 x 315 x 50	2900.6350.63	630 x 500 x 63
2900.2010.25	200 x 100 x 25	2900.4020.32	400 x 200 x 32	2900.6363.32	630 x 630 x 32
2900.2010.32	200 x 100 x 32	2900.4020.40	400 x 200 x 40	2900.6363.40	630 x 630 x 40
2900.2010.40	200 x 100 x 40	2900.4020.50	400 x 200 x 50	2900.6363.50	630 x 630 x 50
2900.2012.25	200 x 125 x 25	2900.4025.32	400 x 250 x 32	2900.6363.63	630 x 630 x 63
2900.2012.32	200 x 125 x 32	2900.4025.40	400 x 250 x 40	2900.7140.32	710 x 400 x 32
2900.2012.40	200 x 125 x 40	2900.4025.50	400 x 250 x 50	2900.7140.40	710 x 400 x 40
2900.2016.25	200 x 160 x 25	2900.4031.32	400 x 315 x 32	2900.7140.50	710 x 400 x 50
2900.2016.32	200 x 160 x 32	2900.4031.40	400 x 315 x 40	2900.7140.63	710 x 400 x 63
2900.2016.40	200 x 160 x 40	2900.4031.50	400 x 315 x 50	2900.7150.32	710 x 500 x 32
2900.2020.25	200 x 200 x 25	2900.4040.32	400 x 400 x 32	2900.7150.40	710 x 500 x 40
2900.2020.32	200 x 200 x 32	2900.4040.40	400 x 400 x 40	2900.7150.50	710 x 500 x 50
2900.2020.40	200 x 200 x 40	2900.4040.50	400 x 400 x 50	2900.7150.63	710 x 500 x 63
2900.2512.25	250 x 125 x 25	2900.5025.32	500 x 250 x 32	2900.7163.32	710 x 630 x 32
2900.2512.32	250 x 125 x 32	2900.5025.40	500 x 250 x 40	2900.7163.40	710 x 630 x 40
2900.2512.40	250 x 125 x 40	2900.5025.50	500 x 250 x 50	2900.7163.50	710 x 630 x 50
2900.2516.25	250 x 160 x 25	2900.5031.32	500 x 315 x 32	2900.7163.63	710 x 630 x 63
2900.2516.32	250 x 160 x 32	2900.5031.40	500 x 315 x 40	2900.8040.32	800 x 400 x 32
2900.2516.40	250 x 160 x 40	2900.5031.50	500 x 315 x 50	2900.8040.40	800 x 400 x 40
2900.2520.25	250 x 200 x 25	2900.5040.32	500 x 400 x 32	2900.8040.50	800 x 400 x 50
2900.2520.32	250 x 200 x 32	2900.5040.40	500 x 400 x 40	2900.8040.63	800 x 400 x 63
2900.2520.40	250 x 200 x 40	2900.5040.50	500 x 400 x 50	2900.8050.32	800 x 500 x 32
2900.2525.25	250 x 250 x 25	2900.5050.32	500 x 500 x 32	2900.8050.40	800 x 500 x 40
2900.2525.32	250 x 250 x 32	2900.5050.40	500 x 500 x 40	2900.8050.50	800 x 500 x 50
2900.2525.40	250 x 250 x 40	2900.5050.50	500 x 500 x 50	2900.8050.63	800 x 500 x 63
2900.3116.32	315 x 160 x 32	2900.6331.32	630 x 315 x 32	2900.8063.32	800 x 630 x 32
2900.3116.40	315 x 160 x 40	2900.6331.40	630 x 315 x 40	2900.8063.40	800 x 630 x 40
2900.3116.50	315 x 160 x 50	2900.6331.50	630 x 315 x 50	2900.8063.50	800 x 630 x 50
2900.3120.32	315 x 200 x 32	2900.6331.63	630 x 315 x 63	2900.8063.63	800 x 630 x 63

ALUMINIUM PLATE ~ISO 6753-1

2910. .0



Execution:

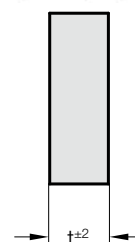
2910.□□□□.□□.0

External contours sawed. Thickness surfaces ground.

Note:

Plates from 500 x 500 mm on are manufactured with lifting thread.

2910. .2



Execution:

2910.□□□□.□□.2

Two external contours milled. Thickness surfaces ground.

Note:

Plates from 500 x 500 mm on are manufactured with lifting thread.

2910. Aluminium plate ~ISO 6753-1

Order No	Size l x b x t	Order No	Size l x b x t	Order No	Size l x b x t
2910.1608.25.□	160 x 80 x 25	2910.3120.40.□	315 x 200 x 40	2910.6340.32.□	630 x 400 x 32
2910.1608.32.□	160 x 80 x 32	2910.3120.50.□	315 x 200 x 50	2910.6340.40.□	630 x 400 x 40
2910.1610.25.□	160 x 100 x 25	2910.3125.32.□	315 x 250 x 32	2910.6340.50.□	630 x 400 x 50
2910.1610.32.□	160 x 100 x 32	2910.3125.40.□	315 x 250 x 40	2910.6340.63.□	630 x 400 x 63
2910.1612.25.□	160 x 125 x 25	2910.3125.50.□	315 x 250 x 50	2910.6350.32.□	630 x 500 x 32
2910.1612.32.□	160 x 125 x 32	2910.3131.32.□	315 x 315 x 32	2910.6350.40.□	630 x 500 x 40
2910.1616.25.□	160 x 160 x 25	2910.3131.40.□	315 x 315 x 40	2910.6350.50.□	630 x 500 x 50
2910.1616.32.□	160 x 160 x 32	2910.3131.50.□	315 x 315 x 50	2910.6350.63.□	630 x 500 x 63
2910.2010.25.□	200 x 100 x 25	2910.4020.32.□	400 x 200 x 32	2910.6363.32.□	630 x 630 x 32
2910.2010.32.□	200 x 100 x 32	2910.4020.40.□	400 x 200 x 40	2910.6363.40.□	630 x 630 x 40
2910.2010.40.□	200 x 100 x 40	2910.4020.50.□	400 x 200 x 50	2910.6363.50.□	630 x 630 x 50
2910.2012.25.□	200 x 125 x 25	2910.4025.32.□	400 x 250 x 32	2910.6363.63.□	630 x 630 x 63
2910.2012.32.□	200 x 125 x 32	2910.4025.40.□	400 x 250 x 40	2910.7140.32.□	710 x 400 x 32
2910.2012.40.□	200 x 125 x 40	2910.4025.50.□	400 x 250 x 50	2910.7140.40.□	710 x 400 x 40
2910.2016.25.□	200 x 160 x 25	2910.4031.32.□	400 x 315 x 32	2910.7140.50.□	710 x 400 x 50
2910.2016.32.□	200 x 160 x 32	2910.4031.40.□	400 x 315 x 40	2910.7140.63.□	710 x 400 x 63
2910.2016.40.□	200 x 160 x 40	2910.4031.50.□	400 x 315 x 50	2910.7150.32.□	710 x 500 x 32
2910.2020.25.□	200 x 200 x 25	2910.4040.32.□	400 x 400 x 32	2910.7150.40.□	710 x 500 x 40
2910.2020.32.□	200 x 200 x 32	2910.4040.40.□	400 x 400 x 40	2910.7150.50.□	710 x 500 x 50
2910.2020.40.□	200 x 200 x 40	2910.4040.50.□	400 x 400 x 50	2910.7150.63.□	710 x 500 x 63
2910.2512.25.□	250 x 125 x 25	2910.5025.32.□	500 x 250 x 32	2910.7163.32.□	710 x 630 x 32
2910.2512.32.□	250 x 125 x 32	2910.5025.40.□	500 x 250 x 40	2910.7163.40.□	710 x 630 x 40
2910.2512.40.□	250 x 125 x 40	2910.5025.50.□	500 x 250 x 50	2910.7163.50.□	710 x 630 x 50
2910.2516.25.□	250 x 160 x 25	2910.5031.32.□	500 x 315 x 32	2910.7163.63.□	710 x 630 x 63
2910.2516.32.□	250 x 160 x 32	2910.5031.40.□	500 x 315 x 40	2910.8040.32.□	800 x 400 x 32
2910.2516.40.□	250 x 160 x 40	2910.5031.50.□	500 x 315 x 50	2910.8040.40.□	800 x 400 x 40
2910.2520.25.□	250 x 200 x 25	2910.5040.32.□	500 x 400 x 32	2910.8040.50.□	800 x 400 x 50
2910.2520.32.□	250 x 200 x 32	2910.5040.40.□	500 x 400 x 40	2910.8040.63.□	800 x 400 x 63
2910.2520.40.□	250 x 200 x 40	2910.5040.50.□	500 x 400 x 50	2910.8050.32.□	800 x 500 x 32
2910.2525.25.□	250 x 250 x 25	2910.5050.32.□	500 x 500 x 32	2910.8050.40.□	800 x 500 x 40
2910.2525.32.□	250 x 250 x 32	2910.5050.40.□	500 x 500 x 40	2910.8050.50.□	800 x 500 x 50
2910.2525.40.□	250 x 250 x 40	2910.5050.50.□	500 x 500 x 50	2910.8050.63.□	800 x 500 x 63
2910.3116.32.□	315 x 160 x 32	2910.6331.32.□	630 x 315 x 32	2910.8063.32.□	800 x 630 x 32
2910.3116.40.□	315 x 160 x 40	2910.6331.40.□	630 x 315 x 40	2910.8063.40.□	800 x 630 x 40
2910.3116.50.□	315 x 160 x 50	2910.6331.50.□	630 x 315 x 50	2910.8063.50.□	800 x 630 x 50
2910.3120.32.□	315 x 200 x 32	2910.6331.63.□	630 x 315 x 63	2910.8063.63.□	800 x 630 x 63

Ordering Code (example):

Aluminium plate ~ISO 6753-1	=	2910.
Length L	400 mm =	40
Width B	400 mm =	40.
Thickness T	40 mm =	40.
Execution FORM	sawn =	0
Order No	=	2910. 40 40. 40. 0

PRECISION FLAT AND SQUARE BAR STEEL, ~DIN 59350

2922.1730.

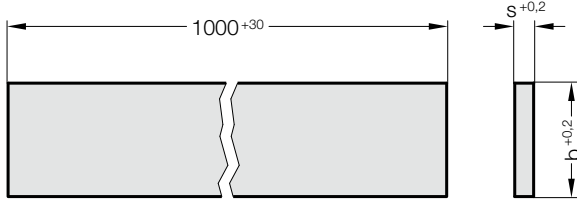


Material:

1.1730 / C45U
Unalloyed tool steel

Execution:

Thickness precision ground, width ground or milled, length machined



2922.1730. Precision flat and square bar steel, ~DIN 59350

s	4	5	6	8	10	12	15	16	20	25	30	32	40	50	60	63	70	80	100	120	150	
b																						
10					•																	
12						•																
15							•															
16								•														
20	•	•	•	•	•	•	•	•	•													
25	•	•	•	•	•	•	•	•	•	•												
30	•	•	•	•	•	•	•	•	•	•	•											
32	•	•	•	•	•	•	•	•	•	•	•	•										
40	•	•	•	•	•	•	•	•	•	•	•	•	•									
50	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
63			•	•	•	•	•	•	•	•	•	•	•	•	•	•						
70			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
120			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
125	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
140			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
150	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
160			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
180			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
200			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
250			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
300			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
350			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
450																						
500																						

Ordering Code (example):

Precision flat and square bar steel, ~DIN 59350	=	2922.1730.
Width B	90 mm	= 090.
Thickness S	4 mm	= 004.
Length L	1000 mm	= 1000
Order No		= 2922.1730. 090. 004. 1000

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

1.0570 / St 52-3

Non-alloyed construction steel

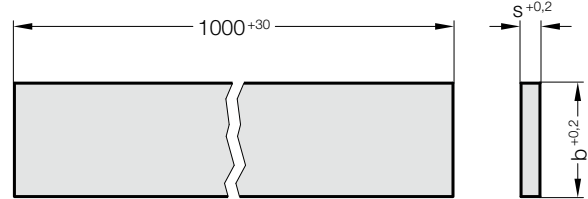
Execution:

Thickness precision ground, width ground or milled, length machined

2923.0570.



we deliver original
BÖHLER
quality



2923.0570. Precision flat and square bar steel with machining allowance, DIN 59350

s	5.2	6.2	8.2	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4	60.4	70.4	80.4	100.4
b															
10.4				●											
12.4					●										
15.4						●									
20.3		●	●	●	●	●									
20.4							●								
25.3	●	●	●	●	●	●	●								
25.4								●							
30.3	●	●	●	●	●	●	●	●							
30.4									●						
40.3	●	●	●	●	●	●	●	●	●						
40.4										●					
50.3	●	●	●	●	●	●	●	●	●	●					
50.4											●				
60.3	●	●	●	●	●	●	●	●	●	●	●				
60.4												●			
70.3				●	●	●	●	●	●	●	●	●			
70.4													●		
80.3	●	●	●	●	●	●	●	●	●	●	●	●	●		
80.4														●	
100.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
100.4															●
120.3			●	●	●	●	●	●	●	●	●	●	●	●	●
125.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
140.3			●	●	●	●	●	●	●	●	●	●	●	●	●
150.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
160.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
180.3			●	●	●	●	●	●	●	●	●	●	●	●	●
200.3		●	●	●	●	●	●	●	●	●	●	●	●	●	●
250.3		●	●	●	●	●	●	●	●	●	●	●	●	●	●
300.3			●	●	●	●	●	●	●	●	●	●	●	●	●
350.3			●	●	●	●	●	●	●	●	●	●	●	●	●
400.3			●	●	●	●	●	●	●	●	●	●	●	●	●

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.0570.
Width B	50.3 mm =	050.
Thickness S	5.2 mm =	005.
Length L	1000 mm =	1000
Order No	=	2923.0570. 050. 005. 1000

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

2923.2099.

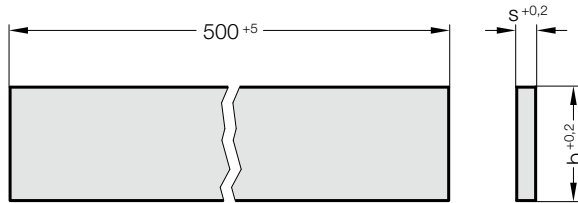


Material:

1.2099 / X5 CrS 12
Stainless steel for plastic moulding,
tempered to 900-1050 N/mm²

Execution:

Thickness precision ground, width ground or milled,
length machined



2923.2099. Precision flat and square bar steel with machining allowance, DIN 59350

s	6.2	8.2	10.4	15.4	20.4	25.4	30.4	40.4	50.4
b									
20.3	●	●	●						
25.3	●	●	●	●					
30.3	●	●	●	●	●				
40.3	●	●	●	●	●	●			
50.3	●	●	●	●	●	●	●		
60.3	●	●	●	●	●	●	●	●	
80.3	●	●	●	●	●	●	●	●	●
100.3	●	●	●	●	●	●	●	●	●
125.3	●	●	●	●	●	●	●	●	●
150.3	●	●	●	●	●	●	●	●	●
200.3	●	●	●	●	●	●	●	●	●
250.3	●	●	●	●	●	●	●	●	●
300.3	●	●	●	●	●	●	●	●	●

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2099.
Width B	80.3 mm =	080.
Thickness S	6.2 mm =	006.
Length L	500 mm =	0500
Order No	=	2923.2099. 080. 006. 0500

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

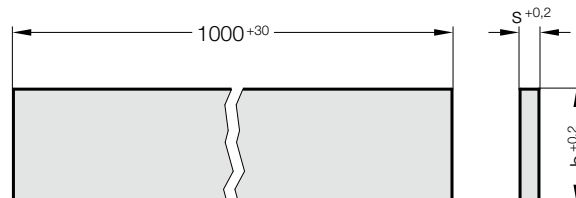
1.2162 / 21 MnCr 5
Case hardened steel

2923.2162.



Execution:

Thickness precision ground, width ground or milled, length machined



2923.2162. Precision flat and square bar steel with machining allowance, DIN 59350

s	8.2	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4	60.4	80.4
b											
20.3	●	●	●	●							
20.4					●						
25.3	●	●	●	●	●						
25.4						●					
30.3	●	●	●	●	●	●					
30.4							●				
40.3	●	●	●	●	●	●	●				
40.4								●			
50.3	●	●	●	●	●	●	●	●			
50.4									●		
60.3	●	●	●	●	●	●	●	●	●		
60.4										●	
70.3	●	●	●	●	●	●	●	●	●	●	
80.3	●	●	●	●	●	●	●	●	●	●	●
80.4											●
100.3	●	●	●	●	●	●	●	●	●	●	●
150.3	●	●	●	●	●	●	●	●	●	●	●
200.3	●	●	●	●	●	●	●	●	●	●	●
250.3	●	●	●	●	●	●	●	●	●	●	●
300.3	●	●	●	●	●						

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2162.
Width B	40.3 mm =	040.
Thickness S	8.2 mm =	008.
Length L	1000 mm =	1000
Order No	=	2923.2162. 040. 008. 1000

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

2923.2312.

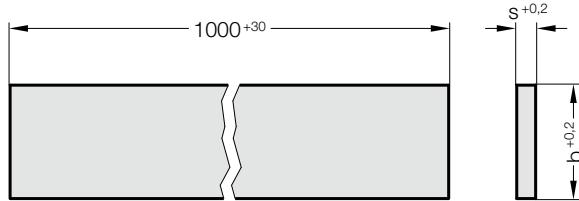


Material:

1.2312 / 40 CrMnMoS 8-6
Steel for plastic moulding, pre-tempered to 900-1050 N/mm²

Execution:

Thickness precision ground, width ground or milled, length machined



2923.2312. Precision flat and square bar steel with machining allowance, DIN 59350

s	4.2	5.2	6.2	8.2	10.4	12.4	15.4	16.4	20.4	25.4	30.4	32.4	40.4	50.4	60.4	70.4	80.4	90.4	100.4	
b																				
12.4						•														
15.4							•													
16.4								•												
20.3				•	•	•	•													
20.4									•											
25.3				•	•	•	•	•	•											
25.4										•										
30.3				•	•	•	•	•	•	•										
30.4											•									
32.3					•	•		•	•											
32.4												•								
40.3	•	•	•	•	•	•	•	•	•	•	•									
40.4													•							
50.3	•	•	•	•	•	•	•	•	•	•	•	•	•							
50.4														•						
60.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
60.4															•					
63.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
70.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
70.4																•				
80.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
80.4																		•		
100.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
100.4																				•
125.3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
150.3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
200.3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
220.3					•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
250.3					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
300.3					•	•			•	•	•	•	•	•	•	•	•	•	•	•

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2312.
Width B	30.3 mm =	030.
Thickness S	8.2 mm =	008.
Length L	1000 mm =	1000
Order No	=	2923.2312. 030. 008. 1000

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

1.2343 / X 37 CrMoV 5-1
Hot work steel

2923.2343.



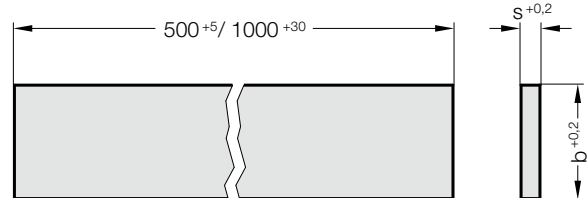
we deliver original
BÖHLER
quality

Execution:

Thickness precision ground, width ground or milled, length machined

Note:

- = available in 500 mm and 1000 mm lengths
- = only available in 500 mm lengths
- = only available in 1000 mm lengths



2923.2343. Precision flat and square bar steel with machining allowance, DIN 59350

s	4.2	5.2	6.2	8.2	10.4	12.4	15.4	16.4	20.4	25.4	30.4	32.4	40.4	50.4	60.4	80.4	100.4
10.3	○	○	○	○													
10.4					○												
12.4						○											
15.3	○	○	○	○	○	○											
15.4							○										
20.3	○	○	○	●	●	●	●	■									
20.4									●								
25.3	○	○	○	●	●	●	●	■	●								
25.4										●							
30.3	○	○	○	●	●	●	●		●	●							
30.4											●						
32.3								■									
40.3	○	○	○	●	●	●	●	■	●	●	●	■					
40.4													●				
50.3	○	○	○	●	●	●	●	■	●	●	●	■	●				
50.4														●			
60.3	○	○	○	●	●	●	●		●	●	●		●	●			
60.4															●		
63.3								■									
80.3	○	○	○	●	●	●	●	■	●	●	●	■	●	●	■		
80.4																■	
100.3	○	○	○	●	●	●	●	■	●	●	●	■	●	●	■	■	
100.4																	■
125.3				■	■	■	■	■	●	●	●	■	●	●	■	■	■
150.3				■	■	■	■	■	●	●	●	■	●	●	■	■	■
200.3				■	■	■	■	■	●	●	●	■	●	●	■	■	■

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2343.
Width B	20.3 mm =	020.
Thickness S	4.2 mm =	004.
Length L	500 mm =	0500
Order No	=	2923.2343. 020. 004. 0500

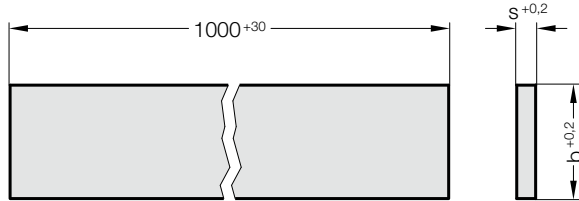
PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

2923.2363.



Material:
1.2363 / X 100 CrMoV 5-1
Cold worked steel

Execution:
Thickness precision ground, width ground or milled, length machined



2923.2363. Precision flat and square bar steel with machining allowance, DIN 59350

s	8.2	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4	60.4	80.4	100.4
b												
20.4					●							
25.3	●	●	●									
25.4						●						
30.3	●	●	●	●	●							
30.4							●					
40.3	●	●	●	●	●	●	●					
40.4								●				
50.3	●	●	●	●	●	●	●					
50.4									●			
60.3	●	●	●	●	●	●	●	●				
60.4										●		
80.3	●	●	●	●	●	●	●	●				
80.4											●	
100.3	●	●	●	●	●	●	●	●				
100.4												●
125.3		●	●	●	●	●	●	●				
150.3		●	●	●	●	●	●	●				
200.3		●	●	●	●	●	●	●				
250.3					●	●	●	●				

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2363.
Width B	30.3 mm =	030.
Thickness S	8.2 mm =	008.
Length L	1000 mm =	1000
Order No	=	2923.2363. 030. 008. 1000

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

1.2379 / X 155 CrVMo 12-1
Cold worked steel

2923.2379.

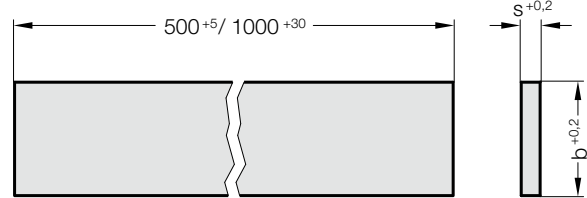


Execution:

Thickness precision ground, width ground or milled, length machined

Note:

- = available in 500 mm and 1000 mm lengths
- = only available in 500 mm lengths
- = only available in 1000 mm lengths



2923.2379. Precision flat and square bar steel with machining allowance, DIN 59350

s	2.2	3.2	4.2	5.2	6.2	8.2	10.4	12.4	15.4	16.4	20.4	25.4	30.4	32.4	40.4	50.4	60.4	63.4	70.4	80.4	100.4	120.4	150.4	
b																								
6.2						○																		
8.2						●																		
10.3	●	●	●	●	●	●																		
10.4							●																	
12.4								●																
15.3	●	●	●	●	●	●	●	●	■															
15.4								●																
16.4										■														
20.3	●	●	●	●	●	●	●	●	●	■														
20.4											●													
25.3	●	●	●	●	●	●	●	●	●	■	●													
25.4												●												
30.3	●	●	●	●	●	●	●	●	●	■	●	●												
30.4													●											
32.3							■	■	■		■	■	■											
32.4																						■		
40.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■										
40.4																								
50.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●									
50.4																								
60.3	●	●	●	●	●	●	●	●	●		●	●	●		●	●								
60.4																								
63.3							■	■	■		■	■	■		■	■	■							
63.4																								
70.3	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■							
70.4																								
80.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■							
80.4																								
90.3										■	■	■	■	■	■	■	■	■						
100.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
100.4																								
120.4																								
125.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
150.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
150.4																								
160.3										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
200.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
250.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
300.3	●	●	●	●	●	●	●	●	●	■	●	●	●	■	●	●	■	■	■	■	■	■	■	■
350.3										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
400.3										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2379.
Width B	15.3 mm =	015.
Thickness S	2.2 mm =	002.
Length L	500 mm =	0500
Order No	=	2923.2379. 015.002.0500

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

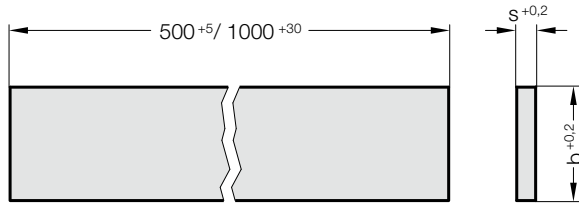
2923.2436.



Material:
1.2436 / X 210 CrW 12
Cold worked steel

Execution:
Thickness precision ground, width ground or milled, length machined

Note:
● = available in 500 mm and 1000 mm lengths
○ = only available in 500 mm lengths
■ = only available in 1000 mm lengths



2923.2436. Precision flat and square bar steel with machining allowance, DIN 59350

s	2.2	3.2	4.2	5.2	6.2	8.2	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4
b														
8.2						○								
10.3	○	●	●	●	●	●								
10.4							●							
12.4								●						
15.3	○	●	●	●	●	●	●	○						
15.4									○					
20.3	○	●	●	●	●	●	●	●	●					
20.4										●				
25.3	○	●	●	●	●	●	●	●	●	●				
25.4											●			
30.3	○	●	●	●	●	●	●	●	●	●	●			
30.4												●		
40.3	○	●	●	●	●	●	●	●	●	●	●	●		
40.4													●	
50.3	○	●	●	●	●	●	●	●	●	●	●	●	○	
50.4														■
60.3	○	●	●	●	●	●	●	●	●	●	●	●	○	
80.3	○	●	●	●	●	●	●	●	●	●	●	●	●	
100.3	○	●	●	●	●	●	●	●	●	●	●	●	●	■
125.3	○	○	○	○	○	○	●	●	●	●	●	●	●	■
150.3	○	○	○	○	○	○	●	●	●	●	●	●	●	■
200.3	○	○	○	○	○	○	●	●	●	●	●	●	●	■
250.3	○	○	○	○	○	○	●	●	●	●	●	●	●	■
300.3	○	○	○	○	○	○	●	●	●	●	●	●	○	

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2436.
Width B	25.3 mm =	025.
Thickness S	2.2 mm =	002.
Length L	500 mm =	0500
Order No	=	2923.2436. 025. 002. 0500

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

1.2767 / X 45 NiCrMo 4
Cold worked steel

2923.2767.



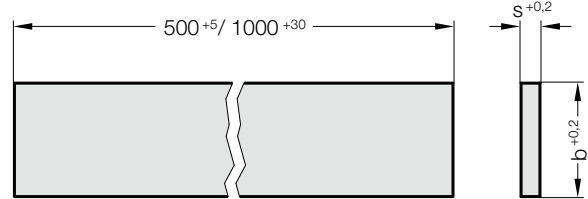
we deliver original
BÖHLER
quality

Execution:

Thickness precision ground, width ground or milled, length machined

Note:

- = available in 500 mm and 1000 mm lengths
- = only available in 500 mm lengths
- = only available in 1000 mm lengths



2923.2767. Precision flat and square bar steel with machining allowance, DIN 59350

s	4.2	5.2	6.2	8.2	10.4	12.4	15.4	16.4	20.4	25.4	30.4	32.4	40.4	50.4	60.4	80.4	100.4
10.3	○	○	○	○													
10.4					●												
12.4						●											
15.3	○	○	○	○	○	○											
15.4							○										
20.3	○	○	○	●	●	●	●	■									
20.4									●								
25.3	○	○	○	●	●	●	●	■	●								
25.4										●							
30.3	○	○	○	●	●	●	●		●	●							
30.4											●						
32.3								■	■	■							
40.3	○	○	○	●	●	●	●	■	●	●	●	■					
40.4													●				
50.3	○	○	○	●	●	●	●	■	●	●	●	■	●				
50.4														●			
60.3	○	○	○	●	●	●	●		●	●	●		●	●			
60.4															■		
63.3								■	■	■		■	■	■			
70.3				■	■	■			■	■		■	■	■			
80.3	○	○	○	●	●	●	●	■	●	●	●		●	●	■		
80.4																■	
100.3	○	○	○	●	●	●	●	■	●	●	●	■	●	●	■	■	
100.4																	■
125.3				●	●	●	●	■	●	●	●	■	●	●	■	■	■
150.3				■	■	■	■	■	■	■	■	■	■	■	■	■	■
200.3				■	■	■	■	■	■	■	■	■	■	■	■	■	■
250.3				■	■	■	■	■	■	■	■	■	■	■	■	■	■
300.3				■	■	■	■	■	■	■	■	■	■	■	■	■	■

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2767.
Width B	25.3 mm =	025.
Thickness S	4.2 mm =	004.
Length L	500 mm =	0500
Order No	=	2923.2767. 025. 004. 0500

PRECISION FLAT AND SQUARE BAR STEEL, DIN 59350

2922.2842.



Material:

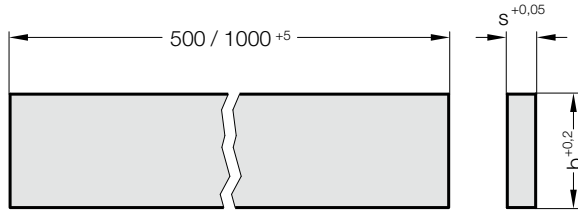
1.2842 / 90 MnCrV
Cold worked steel

Execution:

Thickness precision ground, width ground or milled, length machined

Note:

- = available in 500 mm and 1000 mm lengths
- = only available in 500 mm lengths



2922.2842. Precision flat and square bar steel, DIN 59350

s	1	2	3	4	5	6	8	10	12	15	16	20	25	30	40	50	60
b																	
4				○													
5					○												
6						●											
8							●										
10	○	●	●	●	●	●	●	●									
12	○	●	●	●	●	●	●	●	●								
15	○	●	●	●	●	●	●	●	●	●							
16											●						
20	○	●	●	●	●	●	●	●	●	●		●					
25	○	●	●	●	●	●	●	●	●	●		●	●				
30	○	●	●	●	●	●	●	●	●	●		●	●	●			
35	○	●	●	●	●	●	●	●	●	●		●	●	●			
40	○	●	●	●	●	●	●	●	●	●		●	●	●	●		
50	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	
60	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
70	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
80	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
100	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
120	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
125	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
150	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
160	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
180	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
200	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
250	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●
300	○	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●

Ordering Code (example):

Precision flat and square bar steel, DIN 59350	=	2922.2842.
Width B	50 mm =	050.
Thickness S	1 mm =	001.
Length L	500 mm =	0500
Order No	=	2922.2842. 050. 001. 0500

PRECISION FLAT AND SQUARE BAR STEEL WITH MACHINING ALLOWANCE, DIN 59350

Material:

1.2842 / 90 MnCrV
Cold worked steel

2923.2842.



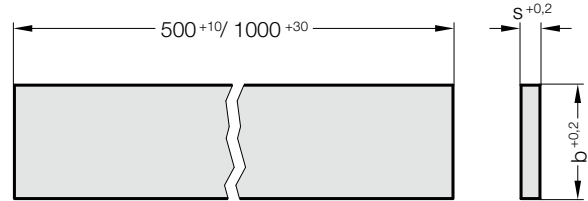
we deliver original
BÖHLER
quality

Execution:

Thickness precision ground, width ground or milled, length machined

Note:

- = available in 500 mm and 1000 mm lengths
- = only available in 1000 mm lengths



2923.2842. Precision flat and square bar steel with machining allowance, DIN 59350

s	2.2	3.2	4.2	5.2	6.2	8.2	10.4	12.4	15.4	16.4	20.4	25.4	30.4	32.4	40.4	50.4	60.4	80.4	100.4	
10.3	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
10.4							●													
12.4								●												
15.3	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
16.4										○										
20.3	○	○	●	●	●	●	●	●	●	○										
20.4											●									
25.3	○	○	●	●	●	●	●	●	●	○	●									
25.4												●								
30.3	○	○	●	●	●	●	●	●	●	○	●	●								
30.4													●							
32.3			○	○	○	○	○	○	○	○	○	○								
32.4														○						
40.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○						
40.4															●					
50.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●					
50.4																●				
60.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●				
60.4																	●			
63.3			○	○	○	○	○	○	○	○	○	○	○	○	○	○				
70.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●				
80.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●				
80.4																		●		
100.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	
100.4																				●
120.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
125.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
150.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
160.3			●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
180.3			●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
200.3	○	○	●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
250.3			●	●	●	●	●	●	●	○	●	●	●	○	●	●			●	●
300.3						●	●	●	●	○	●	●	●						●	●

Ordering Code (example):

Precision flat and square bar steel with machining allowance, DIN 59350	=	2923.2842.
Width B	30.3 mm =	030.
Thickness S	2.2 mm =	002.
Length L	1000 mm =	1000
Order No	=	2923.2842. 030. 002. 1000

PRECISION FEELER GAUGE, FOIL SHIM



Material:

Material no. 1.1274 (C-steel)

Material no. 1.4310 (stainless steel)

Application:

Tolerance measurements of internal and external dimensions

Adjustment of tooling devices and machine parts

Testing of valve and piston clearances

2925. Precision feeler gauge, Foil shim

	Precision feeler gauge Contents per can or ring						Foil shim Contents: Shims per pack			Technical specifications: Tensile strength N/mm ²		
	5 m	10 m	5 m	5 m	5 m	5 m	10 Format 50×300 mm	5 Format 100×500 mm	5 Format 150×500 mm	Tolerance ± mm	for carbon steel	for stainless steel
Width mm ▶	12,7	12,7	6	25	50	100						
Thickness mm ▼												
0,005	▲	▲	–	–	–	▲	–	▲	–	0,001	–	>1500
0,01	▲	▲	–	▲	▲	▲	▲	▲	–	0,002	–	>1500
0,02	◆	◆	–	▲	▲	▲	▲	▲	–	0,002	2000–2200	>1500
0,03	◆	◆	–	◆	◆	▲	◆	▲	–	0,002	2000–2200	1500–1700
0,04	◆	◆	–	◆	◆	▲	◆	▲	–	0,003	2000–2200	1500–1700
0,05	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,003	2000–2200	1500–1700
0,06	◆	◆	–	◆	◆	▲	◆	▲	–	0,003	2000–2200	1500–1700
0,07	◆	◆	–	◆	◆	▲	◆	▲	–	0,004	2000–2200	1500–1700
0,08	◆	◆	◆	◆	◆	▲	◆	▲	–	0,004	2000–2200	1500–1700
0,09	◆	◆	–	◆	◆	▲	◆	▲	–	0,004	2000–2200	1500–1700
0,10	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,004	2000–2200	1500–1700
0,12	◆	◆	–	–	◆	▲	◆	▲	–	0,004	2000–2200	1500–1700
0,15	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,005	2000–2200	1500–1700
0,20	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,006	1800–2100	1500–1700
0,25	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,007	1800–2100	1500–1700
0,30	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,007	1800–2100	1500–1700
0,35	◆	◆	–	–	◆	▲	◆	▲	–	0,008	1800–2000	1500–1700
0,40	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,009	1600–1900	1500–1700
0,45	◆	◆	–	–	◆	▲	◆	▲	–	0,009	1600–1900	1500–1700
0,50	◆	◆	◆	◆	◆	▲	◆	▲	▲	0,01	1600–1900	1500–1700
0,55	◆	◆	–	–	–	▲	–	▲	–	0,01	1600–1900	1500–1700
0,60	◆	◆	–	◆	◆	▲	◆	▲	–	0,01	1600–1900	1500–1700
0,70	◆	◆	–	◆	◆	▲	◆	▲	–	0,012	1600–1900	1500–1700
0,80	◆	◆	–	◆	◆	▲	◆	▲	–	0,013	1600–1800	1500–1700
0,90	◆	◆	–	◆	◆	▲	◆	▲	–	0,013	1600–1800	1500–1700
1,00	◆	◆	–	◆	◆	▲	◆	▲	–	0,013	1600–1800	1500–1700

Order No. Part II = Material

◆ C-steel(Material no. 1.1274) is 1.

▲ Stainless steel (Material no. 1.4310) is 2.

Ordering Code (example):

Precision feeler gauge		=	2925.
Material No.	1.1274	=	1.
Thickness	0,07 mm	=	0070.
Width	12,7 mm	=	0012.
Length	10 m	=	0000
Order No		=	2925.1.0070.0012.10000

Ordering Code (example):

Foil shim		=	2925.
Material No.	1.4310	=	2.
Thickness	0,02 mm	=	0020.
Width	50 mm	=	050.
Length	300 mm	=	300
Order No		=	2925.2.0020.050.300