

## SPECIAL AND CARBON STEELS

### COLD DRAWN +C

Section	Dimension (mm)	Dimension (inches)
Flat bars, width	from 6 to 400	from 1/4" to 12"
Flat bars, thickness	from 2 to 80	from 1/8" to 3"
Flat coils	from 6 x 2 to 30 x 5	from 1/4" x 1/8" to 1" x 3/16"
Square bars	from 3 to 100	from 1/8" to 4"
Square coils	from 3 to 12	from 1/8" to 1/2"
Round bars	from 3 to 80	from 1/8" to 3"
Hexagonal bars	from 4 to 100	from 3/16" to 4"

### PEELED/REELED +SH

Section	Dimension (mm)	Dimension (inches)
Round bars	from 20 to 160	from 3/4" to 6"

### ROUGH GROUND

Section	Dimension (mm)	Dimension (inches)
Round bars	from 15 to 40	from 5/8" to 1 1/2"

### HOT-ROLLED

Section	Dimension (mm)
Flat bars width	from 20 to 400
Flat bars thickness	from 4 to 100
Square bars	from 20 to 200
Round bars	from 18 to 350
Round bars +N/+QT	from 20 to 350

#### TUBES

Section
Round profiles

#### HOT-ROLLED PROFILES

Section
L angle

#### COLD-DRAWN PROFILES

Section
T and L profiles

### CHAMFERING

Section	Dimension (mm)	Dimension (inches)
Square bars	from 15 to 50	from 5/8" to 2"
Round bars	from 8 to 62	from 5/16" to 2 1/2"
Round bars	from 25 to 80	from 1" to 3"
Hexagonal bars	from 12 to 28	from 1/2" to 1 1/8"
Hexagonal bars	from 15 to 65	from 5/8" to 2 1/2"

### MILLED

Section	Dimensions (mm)
Square bars	from 110 to 160

### PEELED

Section	Dimension (mm)	Dimension (inches)
Round bars	from 20 to 200	from 3/4" to 8"

### GROUND +SL

Section	Dimension (mm)	Dimension (inches)
Round bars	from 8 to 160	from 3/8" to 6"

### FORGED

















Section	Dimension (mm)
Flat bars	from 120 x 100 to 600 x 200
Square bars	from 180 to 400

### FORGED ROUGH-SHAPED

Section	Dimension (mm)
Round bars	from 300 to 1000

### CUSTOM MADE COLD-DRAWN PROFILES

Some examples of our production

## COLD-DRAWN KEY STEEL DIN 6880:2011

AND STANDARD (EX. 40 X 40) LUCEFIN GROUP

FLATS						
Dimensions mm b x h	Tolerances b		Tolerances h		radius	
	h9		h9	h11	min	max
<b>8 x 7</b>	-0.036		...	-0.090	0.20	0.40
10 x 6			-0.036	...	0.40	0.60
<b>10 x 8</b>						
<b>12 x 10</b>	-0.043		...	-0.090	0.40	0.60
<b>14 x 6</b>						
<b>14 x 9</b>						
<b>16 x 10</b>						
<b>18 x 11</b>						
20 x 10	-0.052		...	-0.110	0.06	0.80
<b>20 x 12</b>						
<b>22 x 14</b>						
24 x 18						
<b>25 x 14</b>						
<b>25 x 22</b>						
28 x 6						
<b>28 x 16</b>						
<b>28 x 25</b>						
30 x 16						
<b>32 x 18</b>	-0.062		...	-0.110	1	1.2
<b>32 x 30</b>						
<b>36 x 20</b>						
<b>36 x 34</b>						
<b>40 x 22</b>						
<b>40 x 38</b>						
<b>45 x 25</b>						
<b>45 x 43</b>						
50 x 16						
50 x 25						
<b>50 x 28</b>						
50 x 32						
50 x 40						
<b>50 x 48</b>						
<b>56 x 32</b>						
60 x 30						
60 x 40						
<b>63 x 32</b>						
<b>70 x 36</b>						
80 x 20						
<b>80 x 40</b>	-0.087		...	-	2.5	3
<b>90 x 45</b>						
<b>100 x 50</b>						
120 x 50						

SQUARES				
Dimensions mm b x b	Tolerances b		radius	
	h9		min	max
<b>2 x 2</b>	-0.025		0,15	0.35
<b>3 x 3</b>				
<b>4 x 4</b>				
<b>5 x 5</b>	-0.030		0.20	0.40
<b>6 x 6</b>				
<b>7 x 7</b>				
<b>8 x 8</b>				
<b>10 x 10</b>	-0.036		0.40	0.60
<b>12 x 12</b>				
<b>14 x 14</b>				
<b>16 x 16</b>				
<b>18 x 18</b>				
<b>20 x 20</b>	-0.043		0.60	0.80
<b>22 x 22</b>				
25 x 25				
30 x 30	-0.052		On request	
40 x 40				
50 x 50				

## STAINLESS AND HIGH-ALLOY STEELS

COLD DRAWN +C			
Section	Dimension (mm)	Dimension (inches)	Tolerances
Round bars	from 3,00 to 30,00	from 1/8" to 1 3/16"	h9 - h10 - h11*
Round coils	from 4,50 to 16,00	from 3/16" to 5/8"	h9 - h10 - h11*
Hexagonal bars	from 8,00 to 60,00	from 5/16" to 2 3/8"	h11*
Square bars	from 8,00 to 60,00	from 5/16" to 2 3/8"	h11*

PEELED +SH			
Section	Dimension (mm)	Dimension (inches)	Tolerances
Round bars	from 20,00 to 100,00	from 3/4" to 4"	h9 - h10 - h11*

\* Special tolerances on request


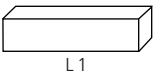

GROUND +SL			
Section	Dimension (mm)	Dimension (inches)	Tolerances
Round bars	from 3,00 to 100,00	from 1/8" to 4"	h6 - h7 - h8 - h9*

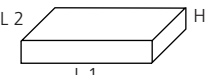
GROUND FOR SOLENOID VALVES			
Section	Dimension (mm)	Dimension (inches)	Tolerances
Round bars	from 6,00 to 25,00	from 1/4" to 1"	h6 - h7 - h8 - h9*



HIGH-ALLOY STEELS 100Cr6 - 1.3505 <sup>(a)</sup>			
Section	Dimension (mm)	Dimension (inches)	Tolerances
Round bars	from 3,00 to 30,00	from 1/8" to 1 3/16"	h9 - h10 - h11*
Round coils	from 4,00 to 16,00	from 3/16" to 5/8"	h9 - h10 - h11*

<sup>(a)</sup> In agreement to the norms UNI EN 683/17 and norm Bosch N28 5174 532 ed. 08/2001

## MOULD AND TOOL STEELS

FORGED				
Section	Diameter (mm)	L 1 (mm)	L 2 (mm)	H (mm)
	min. 150 max 1300	max 6000	-	-
 	-	6000	from 1200 to 1750	400 - 800 - 1150

HOT-ROLLED			
Section	L 1 (mm)	L 2 (mm)	H (mm)
	Max 6000	from 1500 to 2000	from 30 to 450

FORGED TO DRAWING		
Section	max Diam.	max H
 	On request	On request

SHEET STEEL		
Width	Length	Thickness
2300 mm	Up to 6000 mm	from 30 to 450 mm