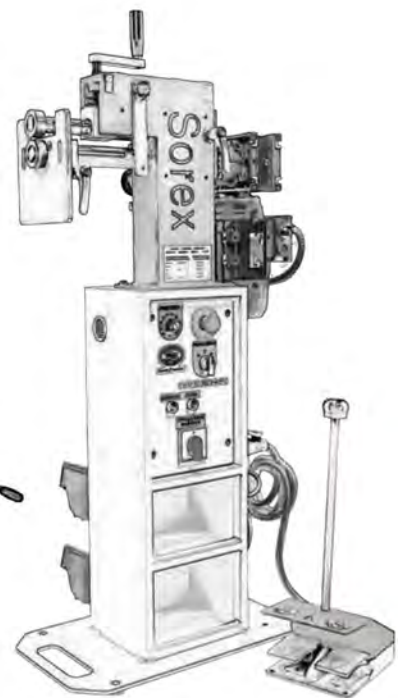
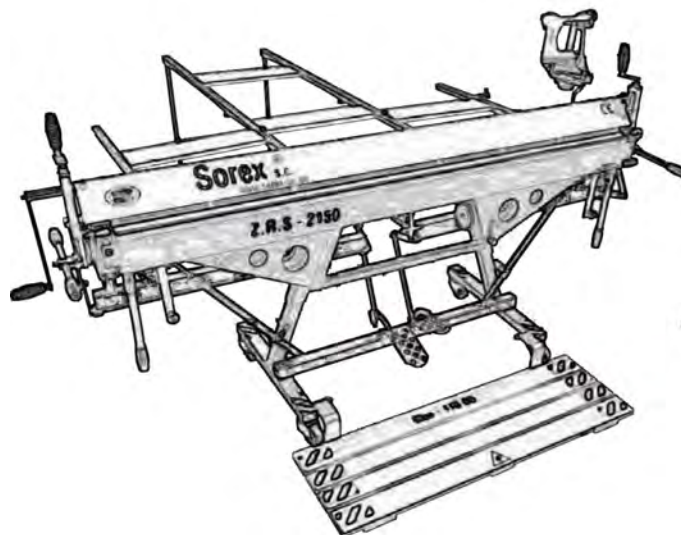


SOREX **TECHNIC**

MACHINES AND TOOLS FOR METAL SHEET PROCESSING



Beading and Flanging Machine CW,CWM,CWMK series



Most important features:

- precise regulation of holdfast and roller interspace
- a large separable shaft as standard equipment
- bending rollers made of 52-56 HRC thick high-grade steel
- large choice of additional profile rollers more than 190 sets
- three working speed ranges: from 2 to 14 m/min, from 2 to 30 m/min and from 4 to 56 m/min
- engine power 0,74 kW, 1,5 kW or 2,2 kW
- right/left rotations
- continuous work
- smooth speed regulation



BEADING AND FLANGING MACHINES



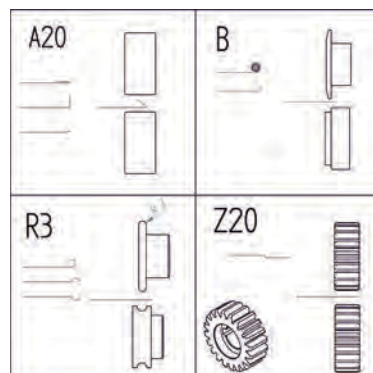
- roll gauge is 50 mm in all of our machines
- supply voltage 230V, 50 Hz
- machine is rigid and cohesive, foolproof and self-explanatory



Basic equipment

Each basic equipment includes:

- Beading & flanging machine (groover) by Sorex Technic
- 4 profiling rollers: A, B, Z20 i R3
- ZR-1 stop plate
- hanger for the profile rollers
- hanger for roller spanner
- spanner for rollers



GROOVERS - Models

Available models



CW-50.80

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 80 mm | manual drive | - | 420 x 250 x 250 mm | 20 kg |

CW-50.200

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 200 mm | manual drive | - | 600 x 250 x 400 mm | 28 kg |



CW-50.200

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 250 mm | manual drive | - | 650 x 250 x 400 mm | 30 kg |



CWM-50.200 0,74 kW

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 200 mm | 0,74 kW | 2 - 14 m/min | 600 x 320 x 1280 mm | 70 kg |



CWM-50.200 1,5 kW

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 200 mm | 1,5 kW | 2 - 30 m/min | 620 x 320 x 1280 mm | 81 kg |



GROOVERS - Models

CWM-50.250 0,74 kW

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 250 mm | 0,74 kW | 2-14 m/min | 650 x 320 x 1280 mm | 71 kg |



CWM-50.250 1,5 kW

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 250 mm | 1,5 kW | 2-30 m/min | 670 x 320 x 1280 mm | 82 kg |

CWMK-50.200 0,74 kW - tiltable 90°

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 200 mm | 0,74 kW | 2-14 m/min | 600 x 320 x 1240 mm | 77 kg |



CWMK-50.200 1,5 kW - tiltable 90°

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 200 mm | 1,5 kW | 2-30 m/min | 620 x 320 x 1240 mm | 88 kg |

CWMK-50.250 0,74 kW - tiltable 90°

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 250 mm | 0,74 kW | 2-14 m/min | 650 x 320 x 1240 mm | 78 kg |

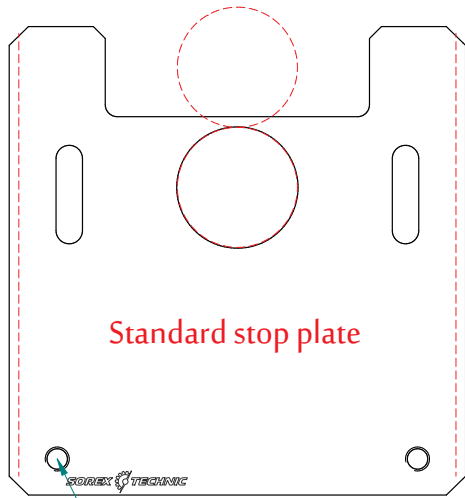


CWMK-50.250 1,5 kW - tiltable 90°

| Roll gauge | Working depth | Engine power | Working speed | Dimensions [length x width x height] | Weight |
|------------|---------------|--------------|---------------|--------------------------------------|--------|
| 50 mm | 250 mm | 1,5 kW | 2-30 m/min | 670 x 320 x 1240 mm | 89 kg |

ZR series stop plates

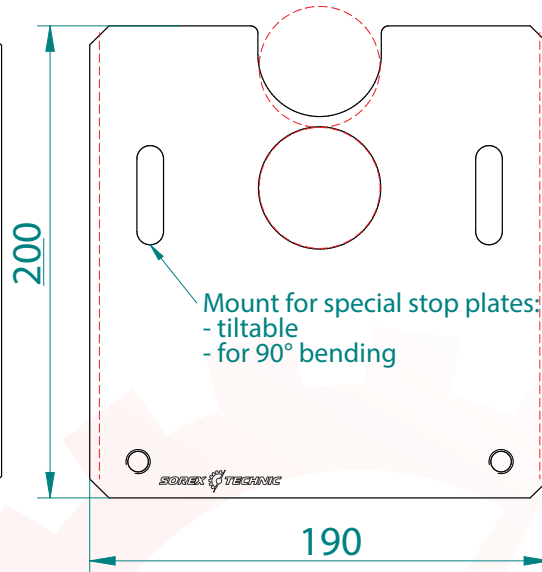
ZR-1



Standard stop plate

Support lug fixing holes

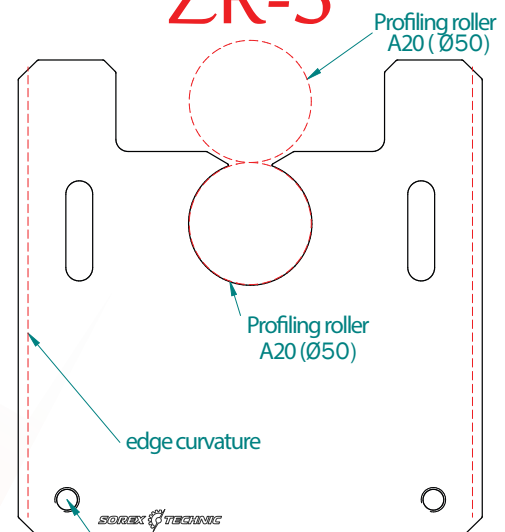
ZR-2



Mount for special stop plates:
- tiltable
- for 90° bending

190

ZR-3



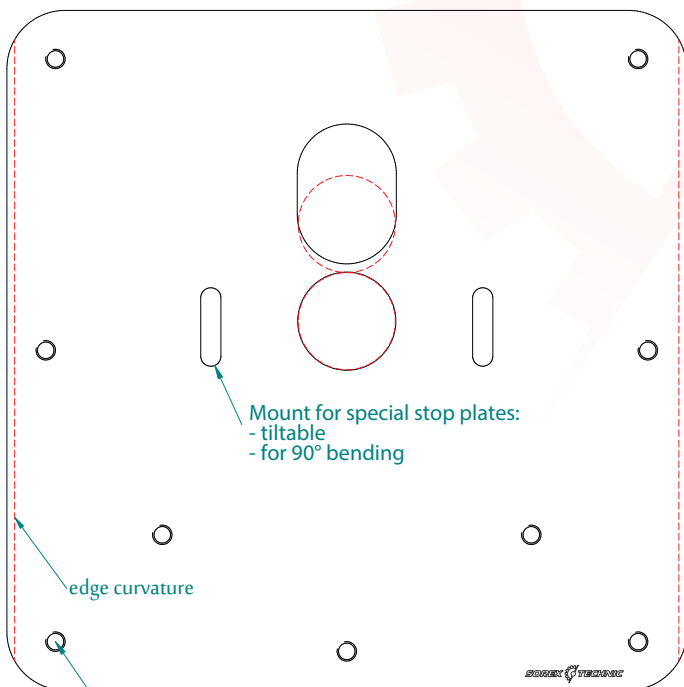
Profiling roller A20 (Ø50)

Profiling roller A20 (Ø50)

edge curvature

Support lug fixing holes

ZR-4

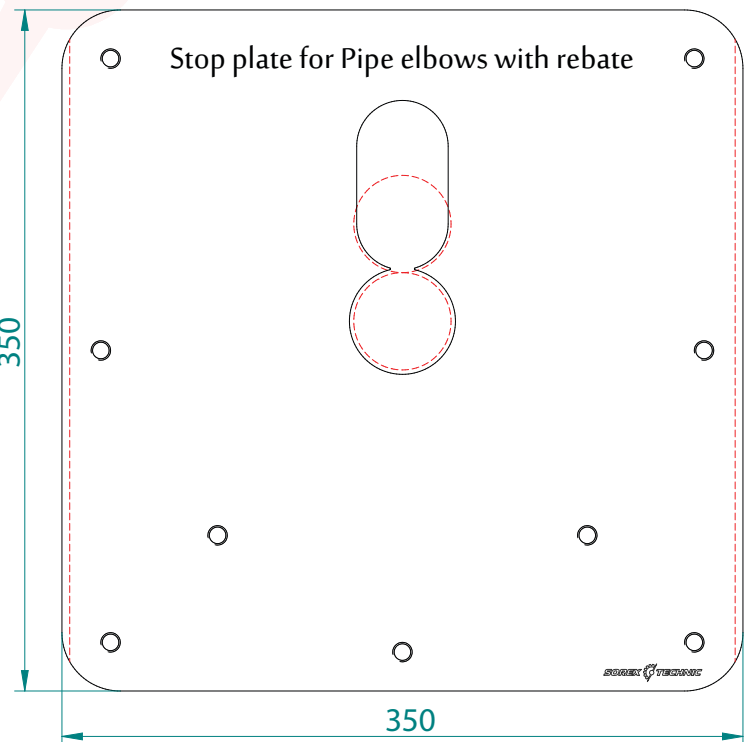


Mount for special stop plates:
- tiltable
- for 90° bending

edge curvature

Support lug fixing holes

ZR-5



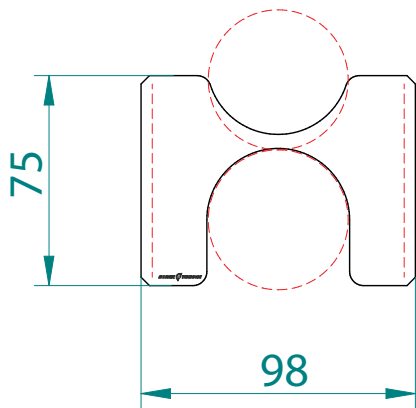
Stop plate for Pipe elbows with rebate

350

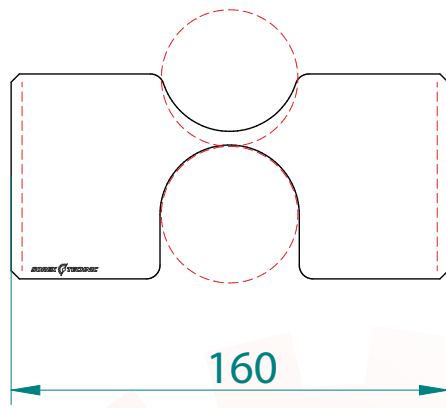
350

ZP series stop plates

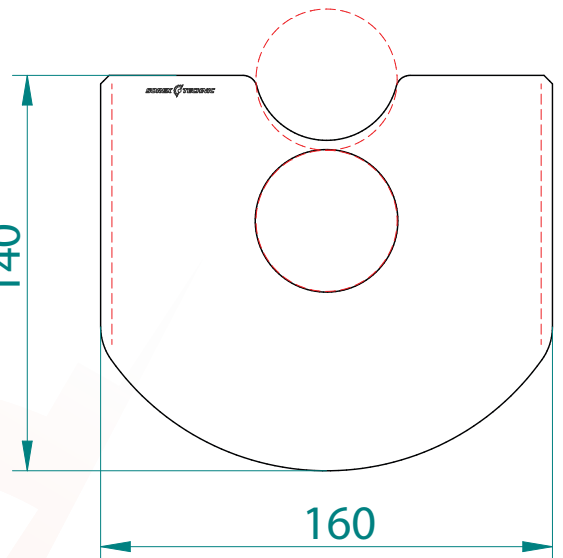
ZP-1



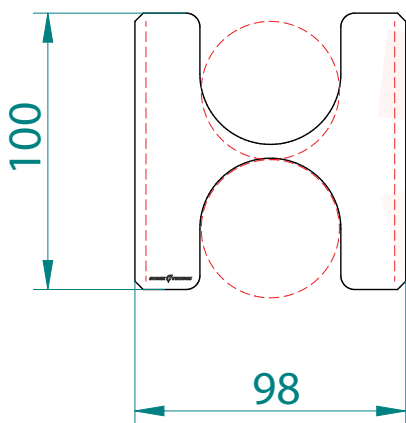
ZP-2



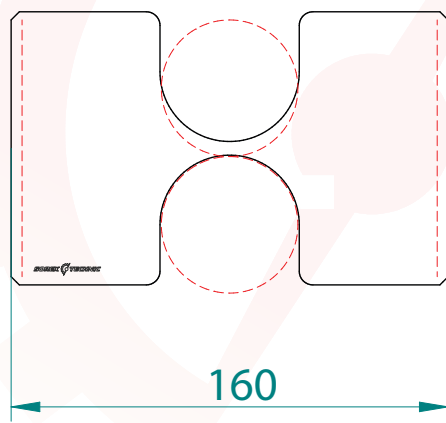
ZP-3



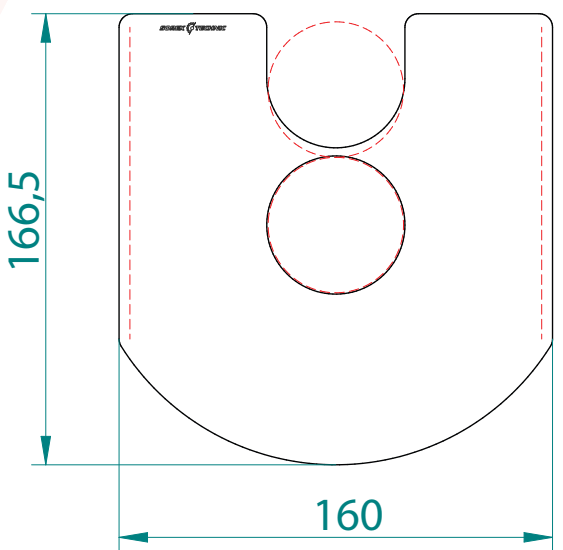
ZP-4



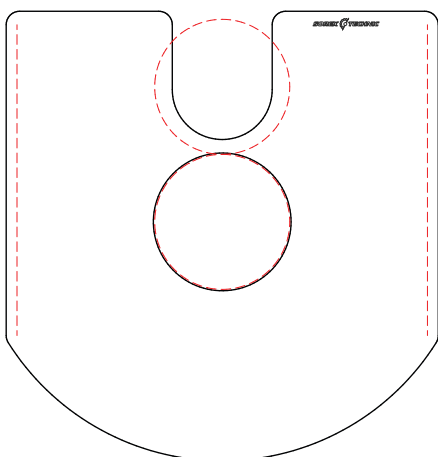
ZP-5



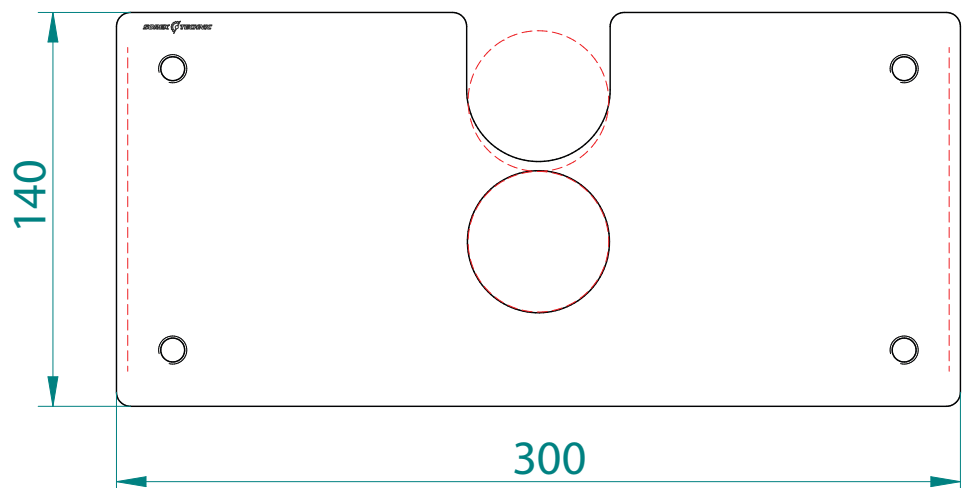
ZP-6



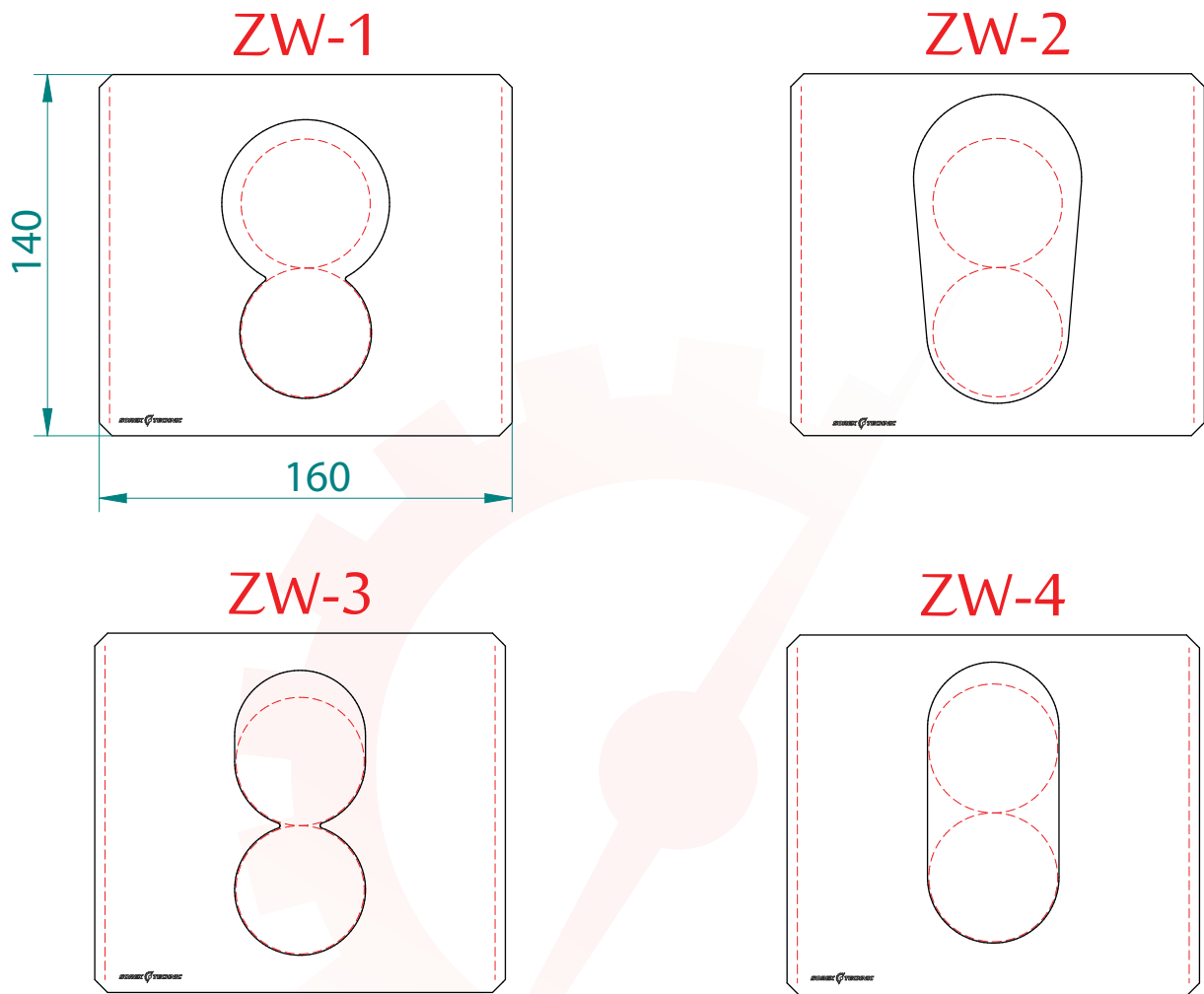
ZP-7



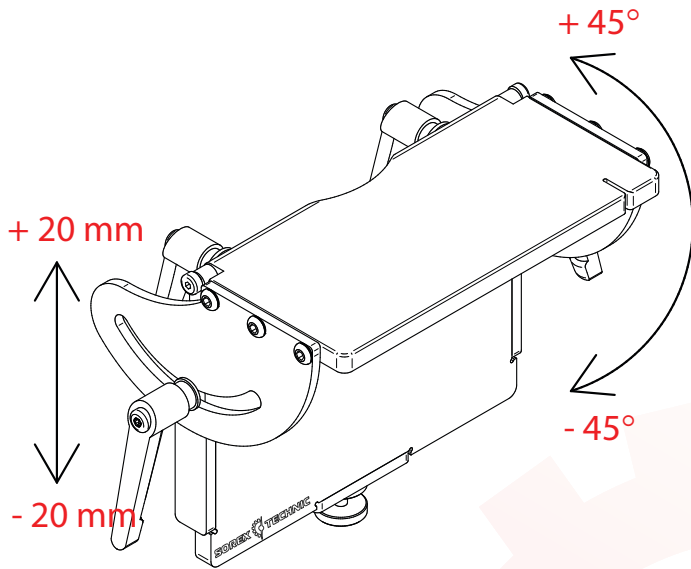
ZP-8



ZW series stop plates



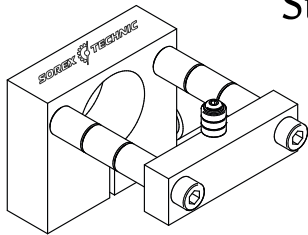
Additional equipment for stop plates



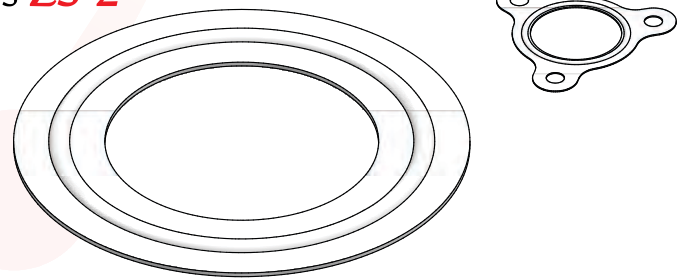
Tiltable attachment **ZS-1**

- angular adjustment in the range of +45°/-45°
- height adjustment +20 mm/-20 mm
- suitable for stop plates: ZR-1; ZR-2; ZR-3; ZR-4

Stop plate for internal holes **ZS-2**

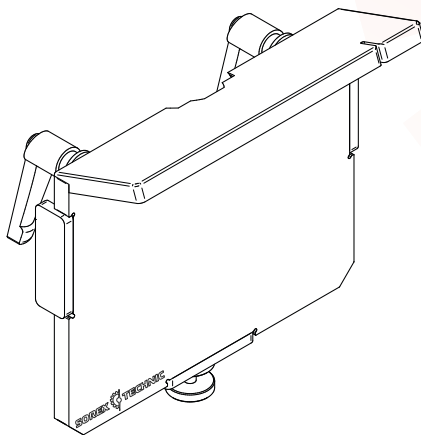


- possibility of embossing rings
- independent mounting

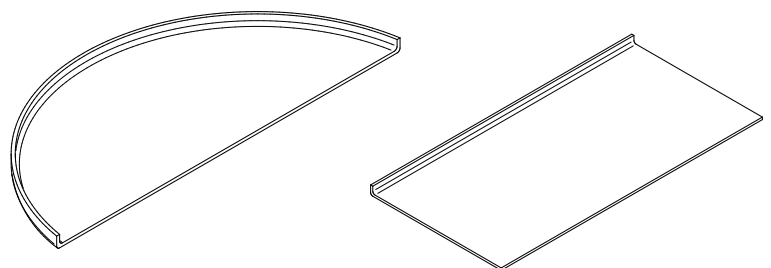


90° angle stop plate **ZS-3**

- works with roller BS
- suitable for stop plates: ZR-1; ZR-2; ZR-3; ZR-4

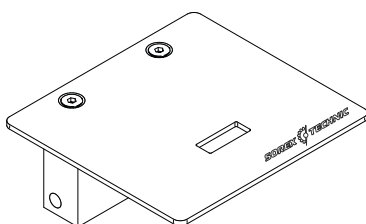


Roller BS

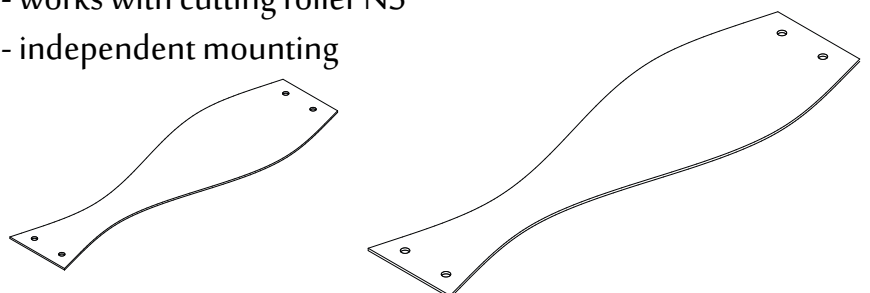


Support table for cutting shapes **ZS-4**

- works with cutting roller N3
- independent mounting

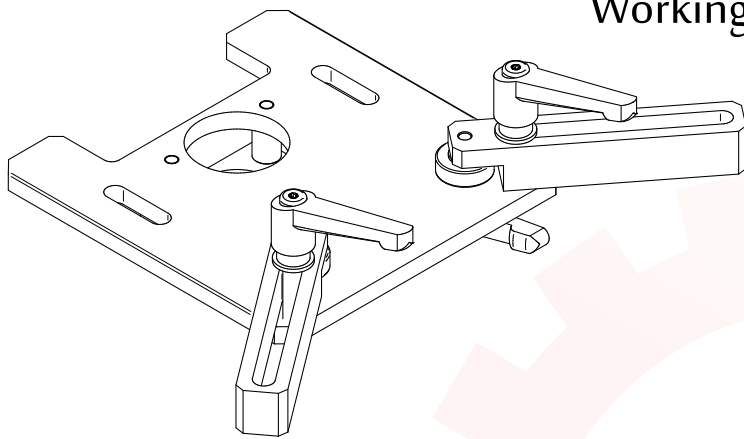


Cutting roller N3



Additional equipment for stop plates

Support lug **Type 1** (to smaller diameters)



Working range with different stop plates:

ZR-1 - up to diameter Ø150

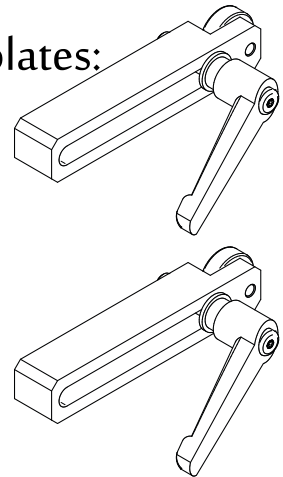
ZR-2 - up to diameter Ø150

ZR-3 - up to diameter Ø150

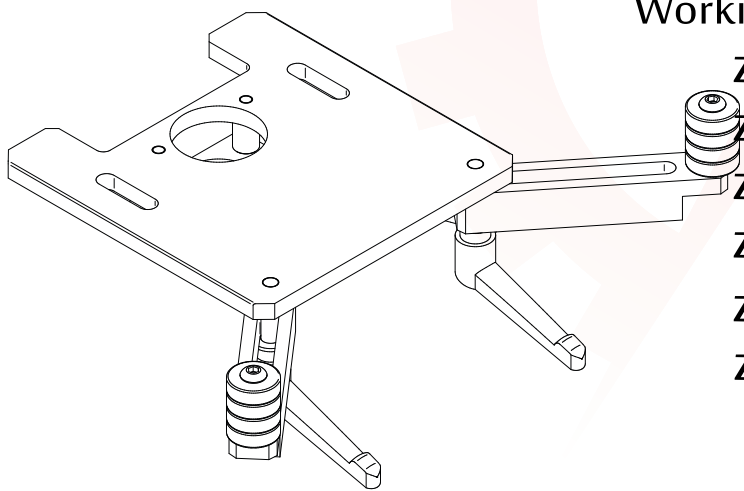
ZR-4 - up to diameter Ø280

ZR-5 - up to diameter Ø280

ZP-8 - up to diameter Ø180



Support lug **Type 2** (for bigger diameters)



Working range with different stop plates:

ZR-1 - diameter from Ø100 to Ø320

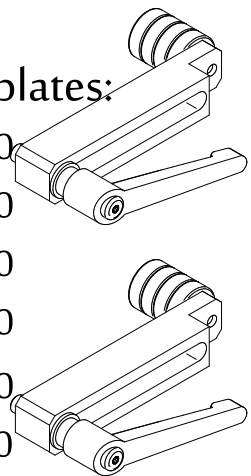
ZR-2 - diameter from Ø100 to Ø320

ZR-3 - diameter from Ø100 to Ø320

ZR-4 - diameter from Ø300 to Ø450

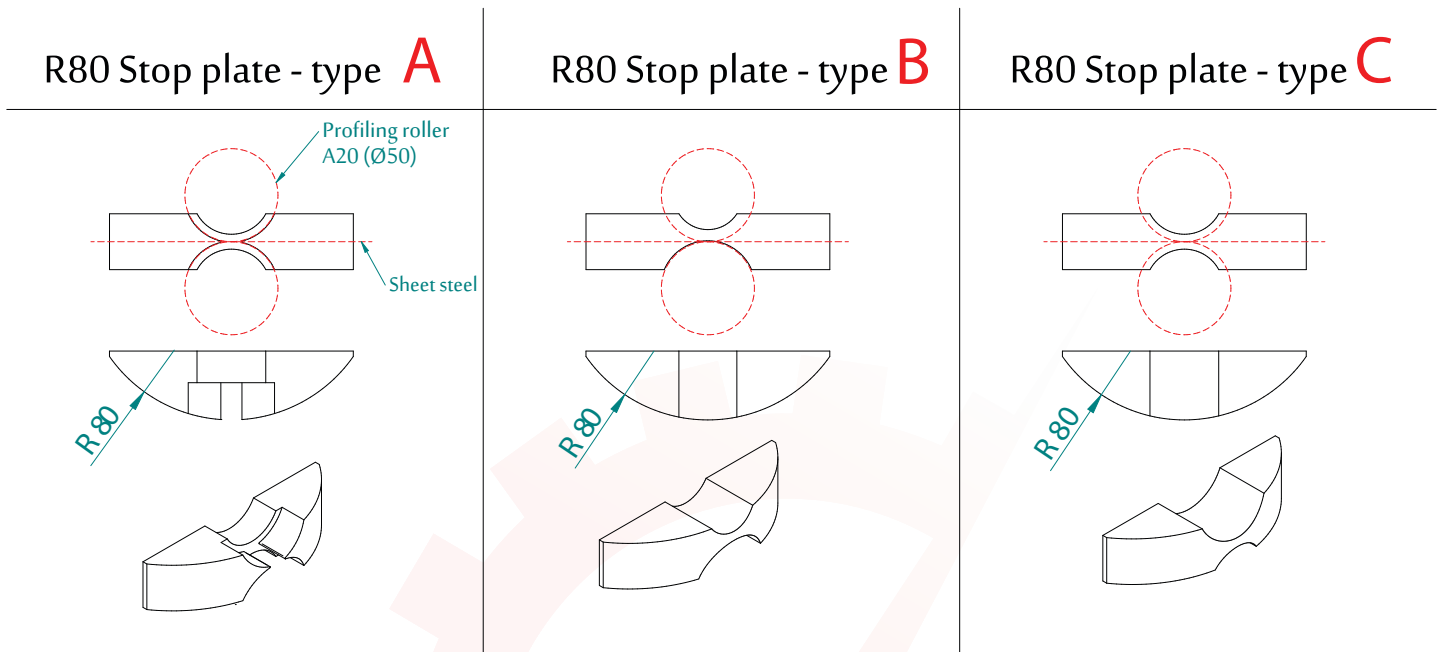
ZR-5 - diameter from Ø300 to Ø450

ZP-8 - diameter from Ø110 to Ø250



GROOVERS - Radial Stop plates

Types of R-type radial stop plates



Radial stop plates marking:

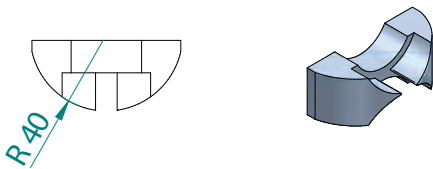
model → **R**
 radius → **80**
 type → **A**

Available models:

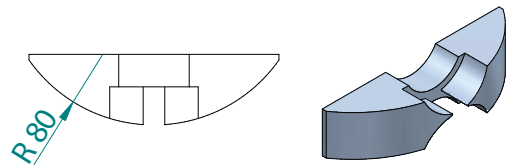
R40 A, R40 B, R40 C,
 R80 A, R80 B, R80 C,
 R120 A, R120 B, R120 C,
 R160 A, R160 B, R160 C,

SIZE of R-type radial stop plates

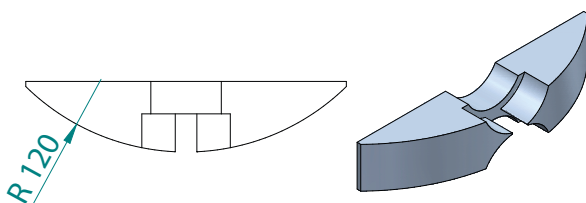
Stop plate **R40** type A



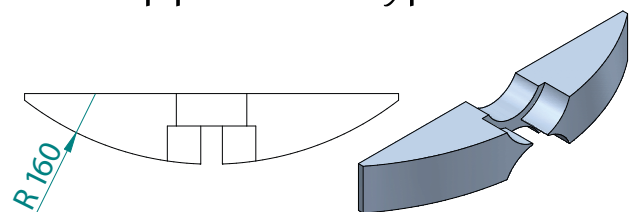
Stop plate **R80** type A



Stop plate **R120** type A



Stop plate **R160** type A



Examples of stop plates designs

R 40 A



R 40 B



R 40 C



ZR-2



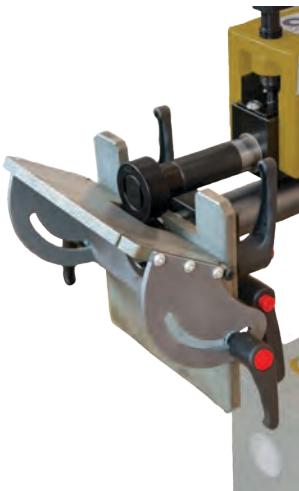
ZP-5



ZP-6



ZS-1



ZW-3



ZR-4



GROOVERS - Profiling Rollers

NR KATALOGOWY -

A5

A8

A10

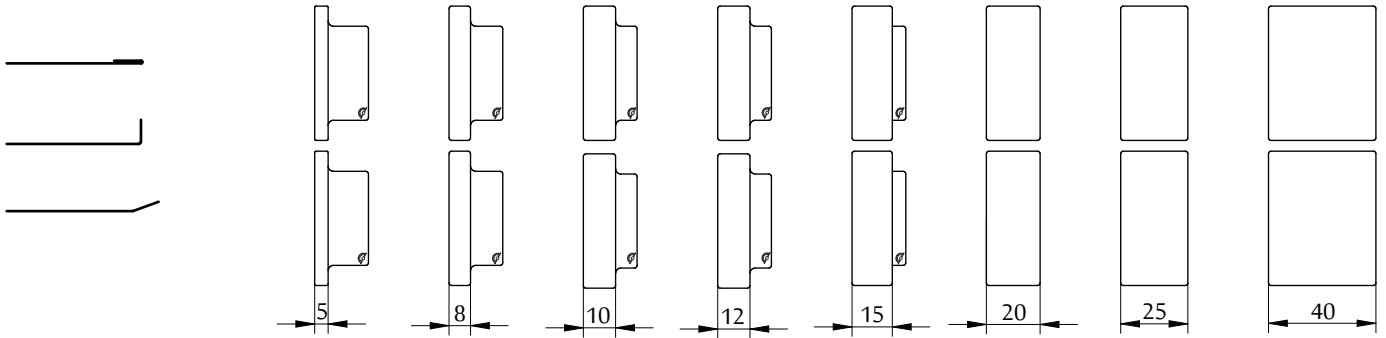
A12

A15

A20

A25

A40



NR KATALOGOWY -

A1.5

A1.8

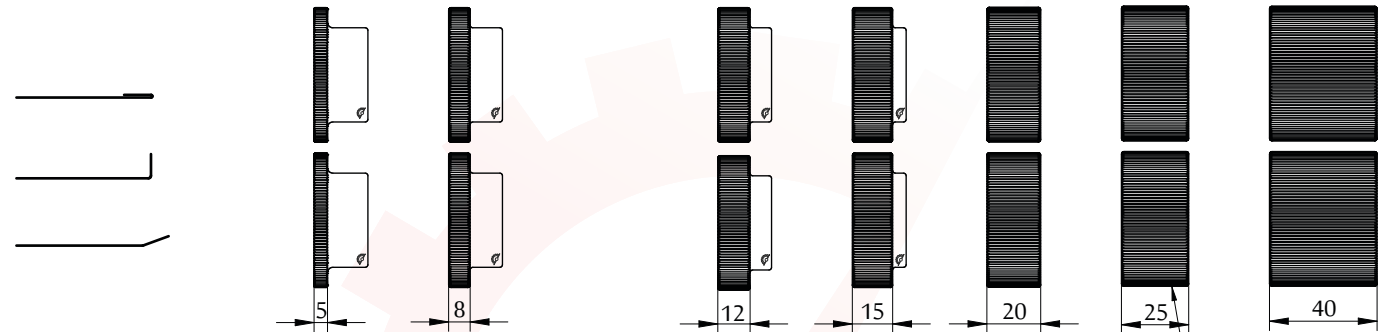
A1.12

A1.15

A1.20

A1.25

A1.40



RADEŁKO - MOLETKA 1

NR KATALOGOWY -

A2.5

A2.8

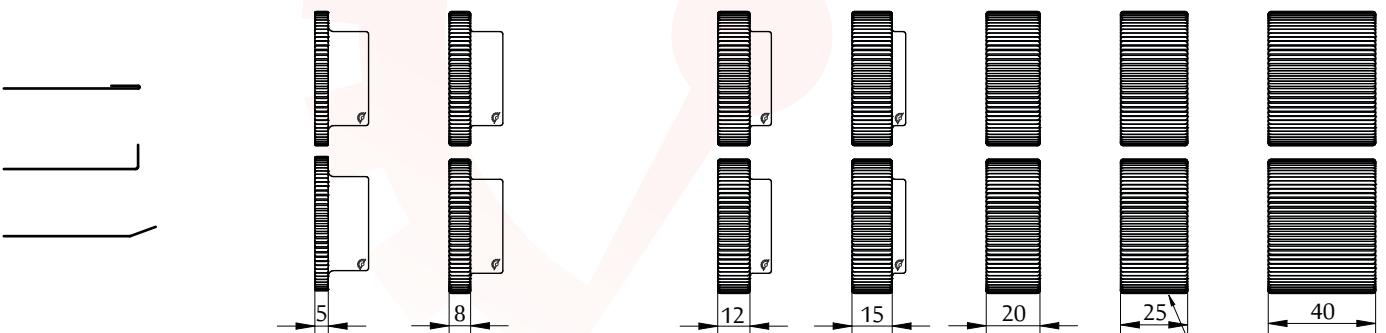
A2.12

A2.15

A2.20

A2.25

A2.40



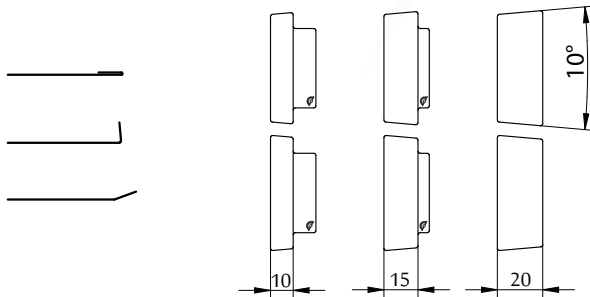
RADEŁKO - MOLETKA 2

NR KATALOGOWY -

AC10

AC15

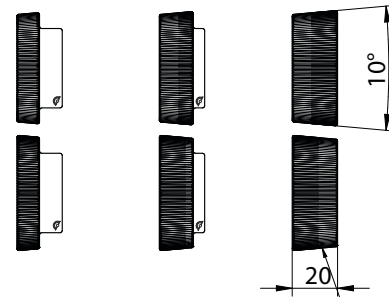
AC20



AC1.10

AC1.15

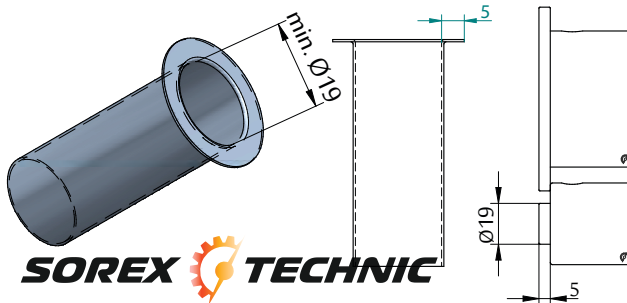
AC1.20



RADEŁKO - MOLETKA 1

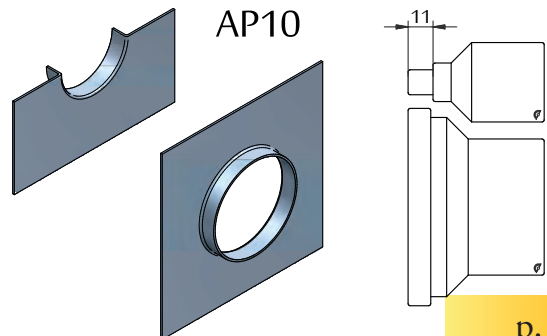
NR KATALOGOWY -

AM5



SOREX TECHNIC

AP10



GROOVERS - Profiling Rollers

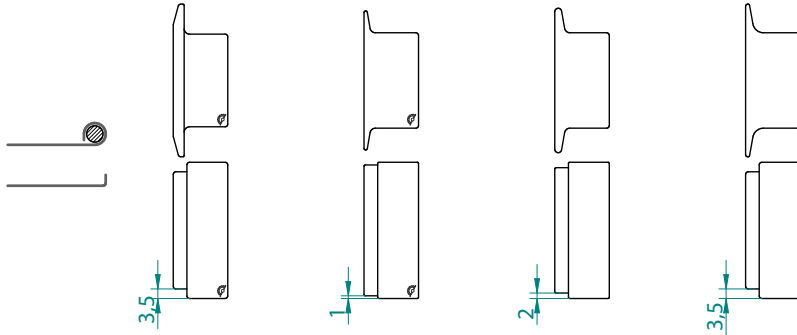
NR KATALOGOWY -

B

B1

B2

B3



NR KATALOGOWY -

BA

BB

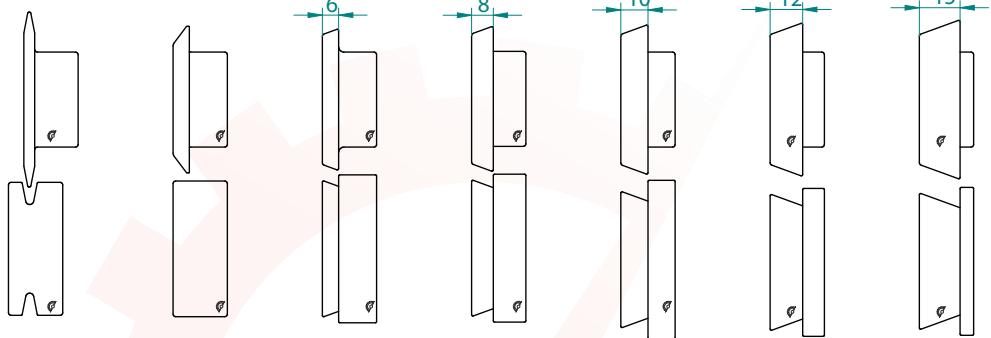
BC6

BC8

BC10

BC12

BC15



NR KATALOGOWY -

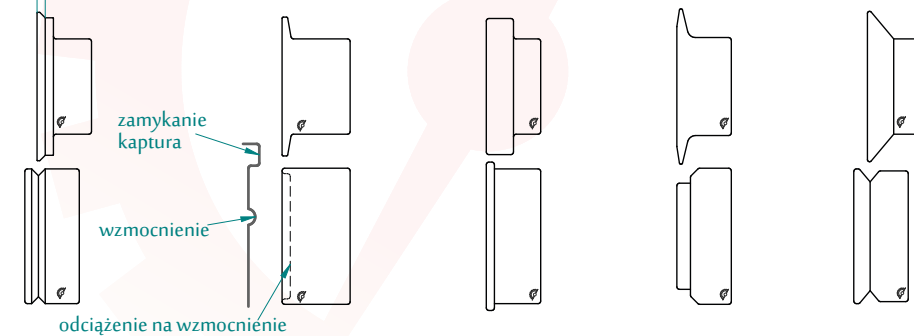
BE

BF

BG

BS

KB



NR KATALOGOWY -

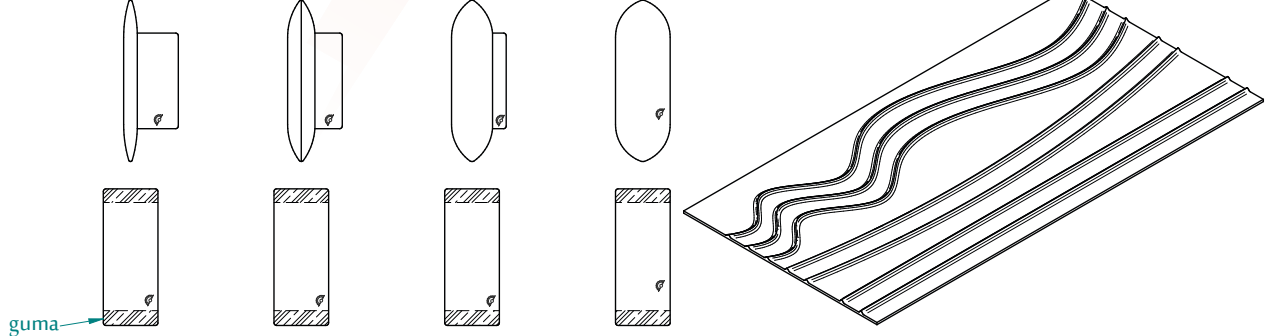
BR5

BR10

BR15

BR20

RYSOWANIE ZDOBIENIE



NR KATALOGOWY -

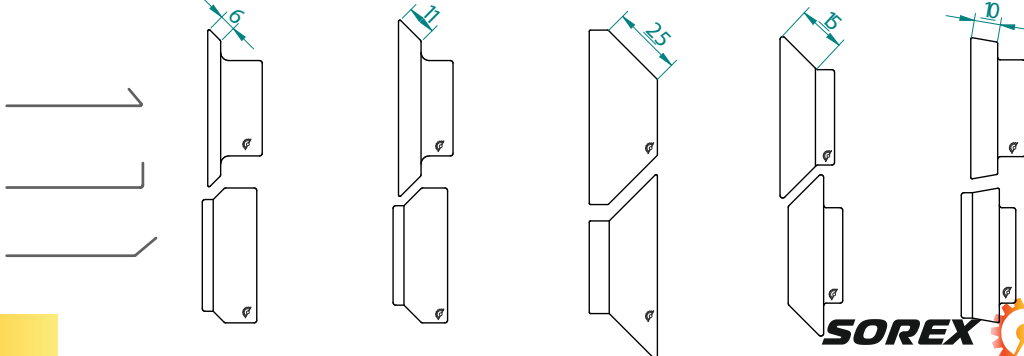
C6

C11

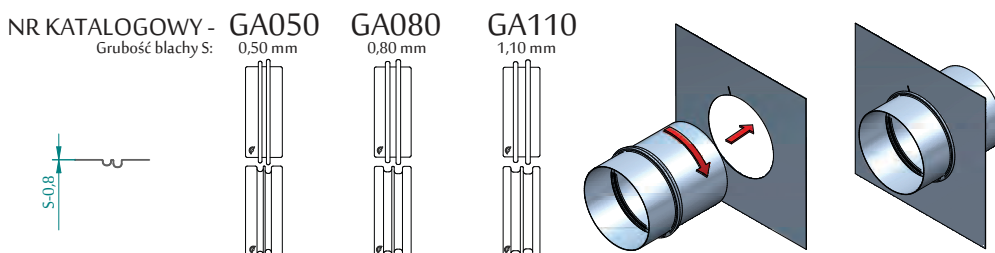
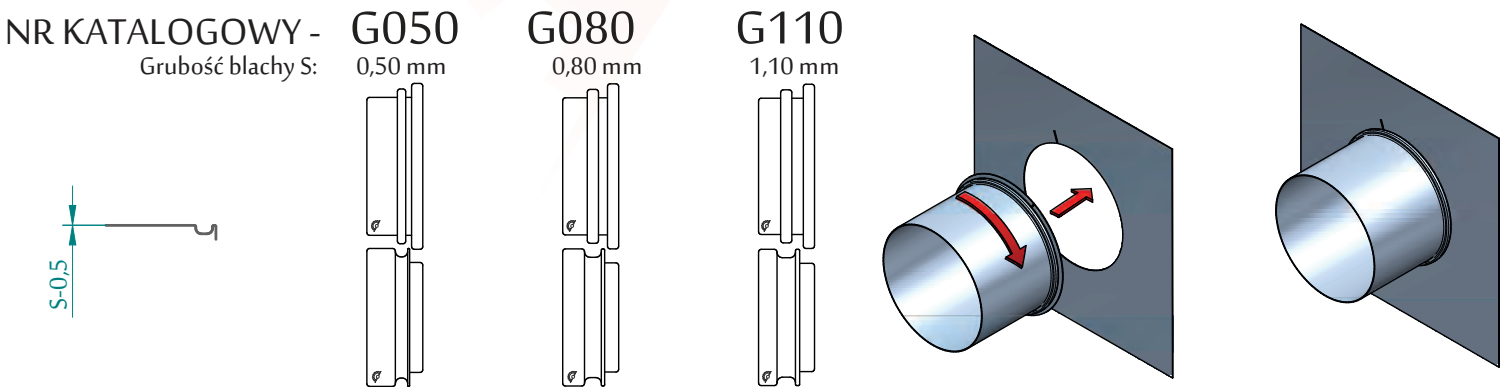
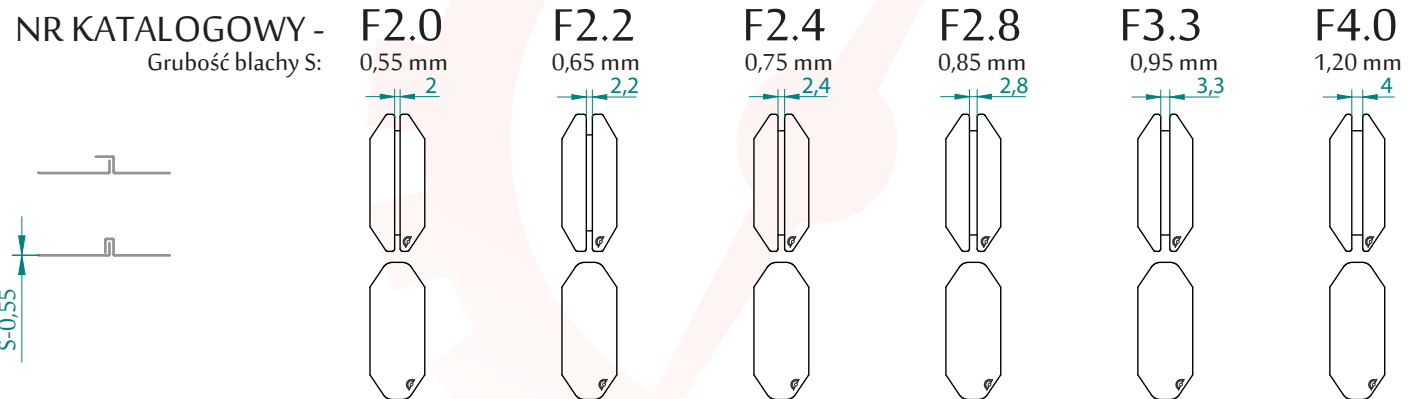
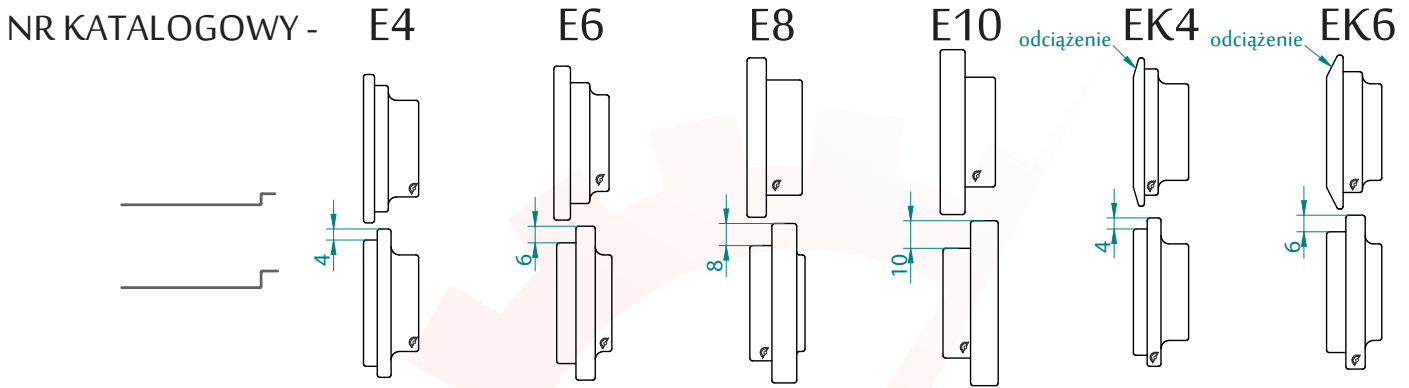
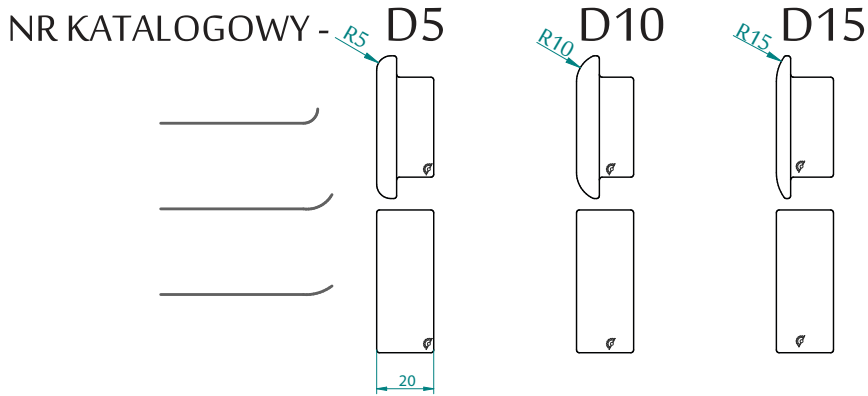
C25

CA15

CE10

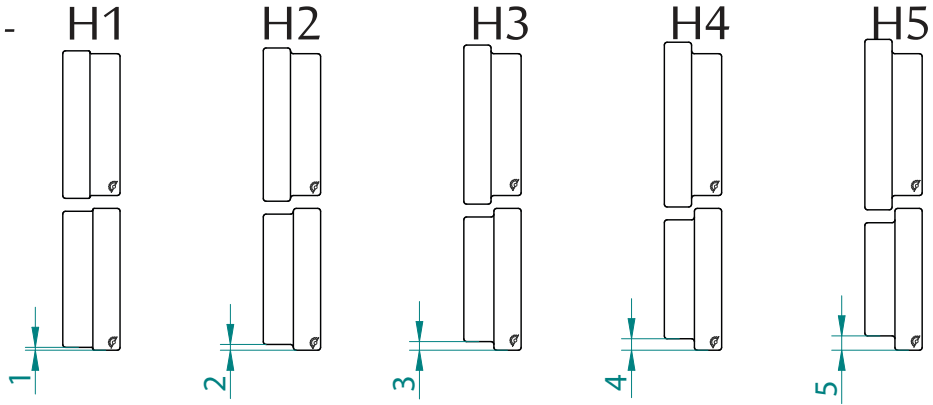


GROOVERS - Profiling Rollers

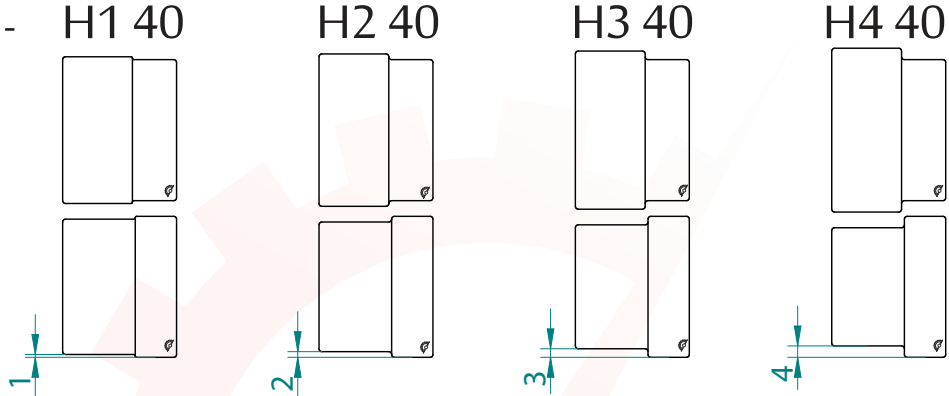


GROOVERS - Profiling Rollers

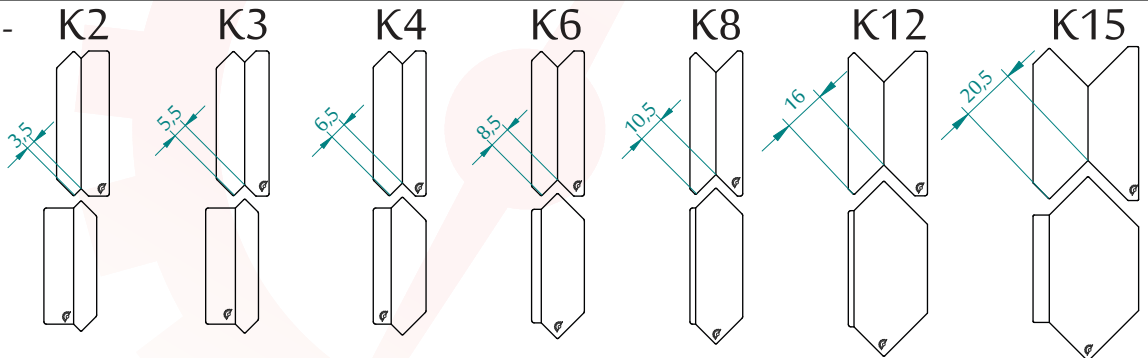
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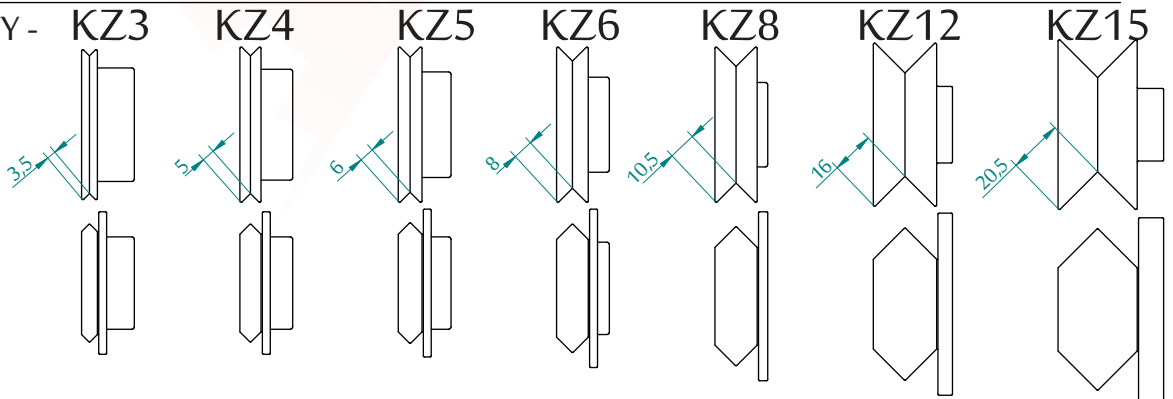
NR KATALOGOWY -



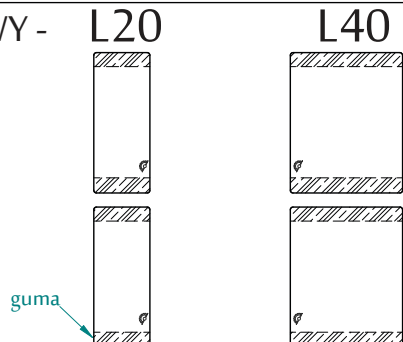
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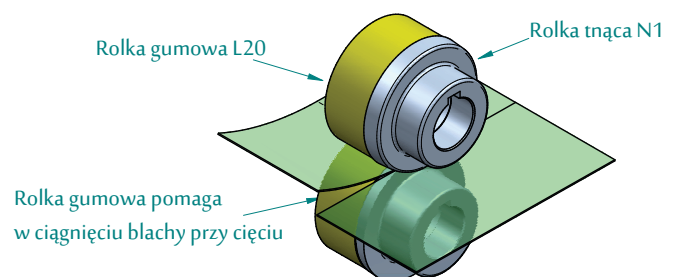
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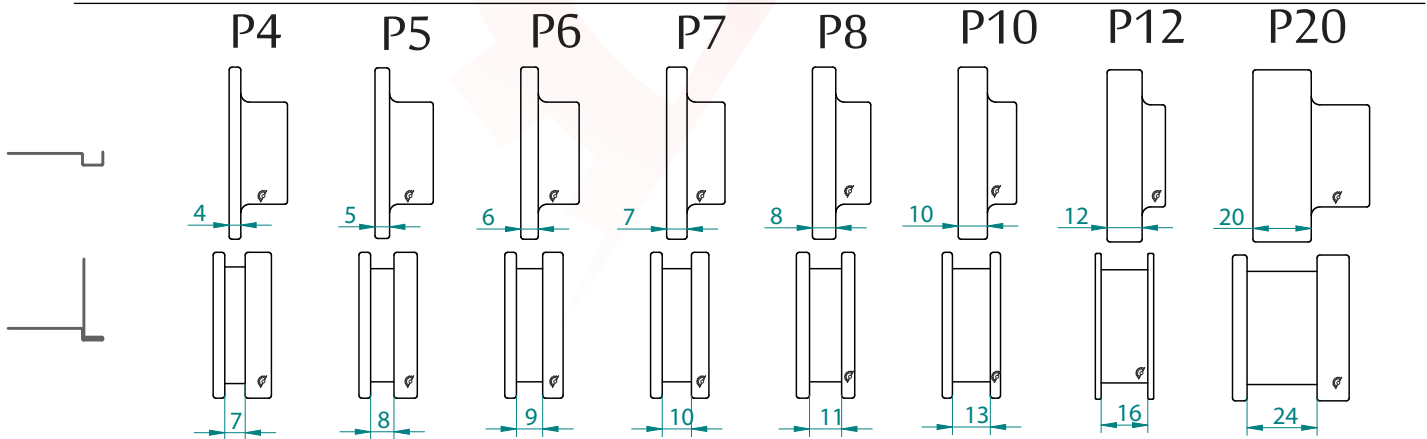
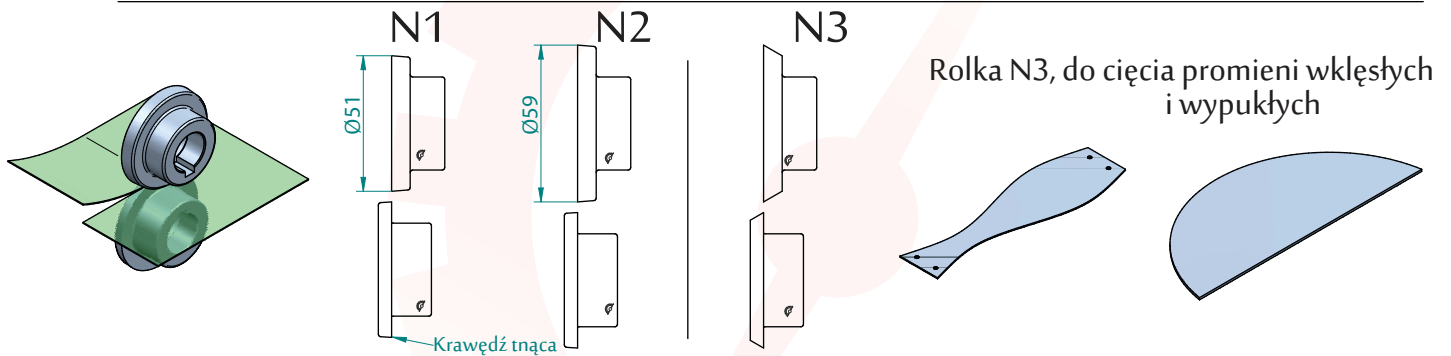
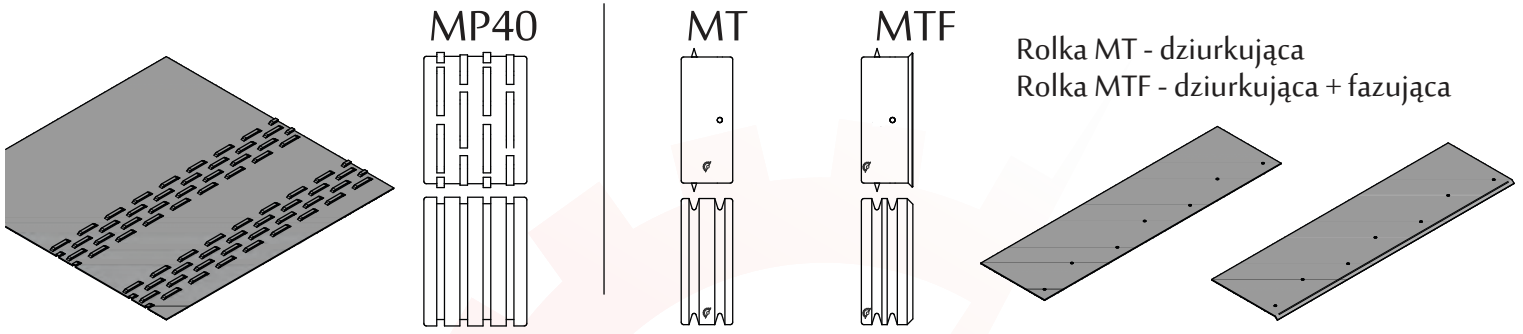
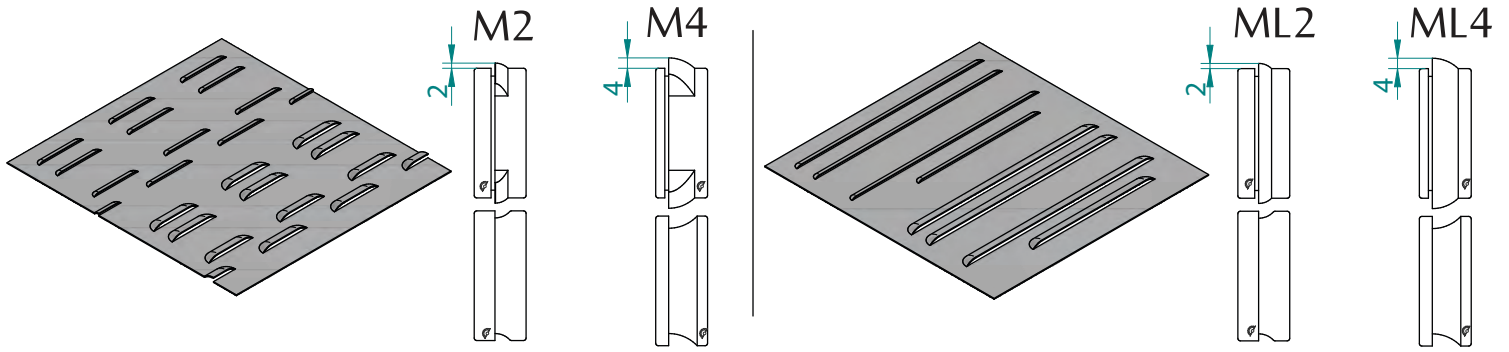
NR KATALOGOWY -



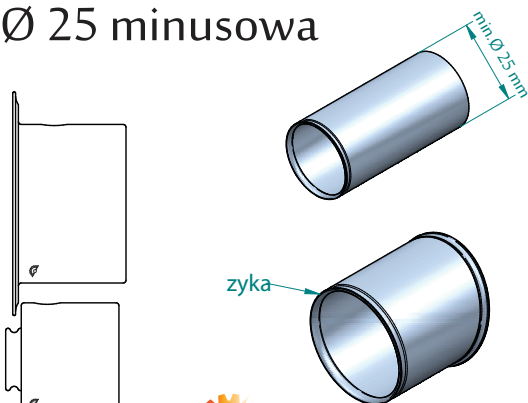
Przykład zastosowania



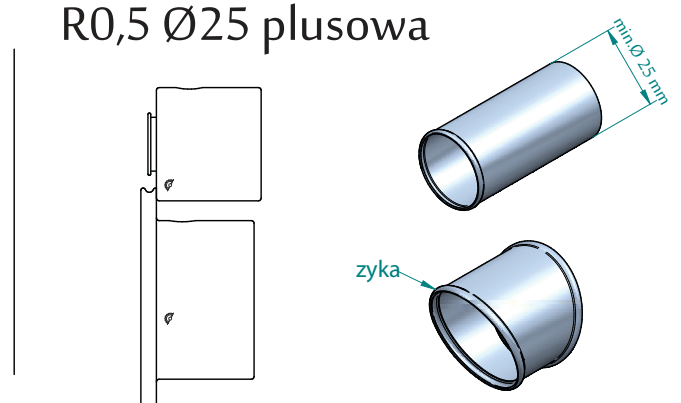
GROOVERS - Profiling Rollers



R0,5 Ø 25 minusowa



R0,5 Ø 25 plusowa



GROOVERS - Profiling Rollers

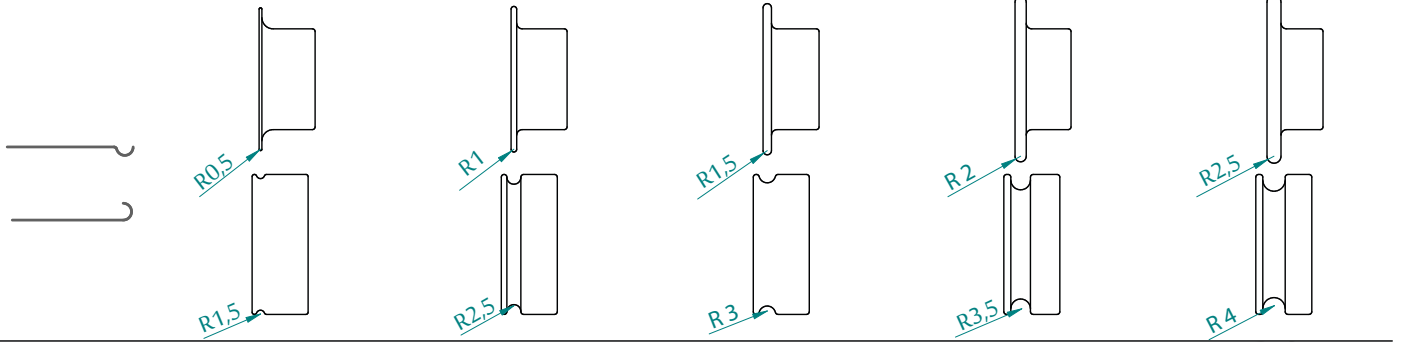
R0,5 = V000

R1 = V00

R1,5 = V0

R2 = V1

R2,5 = V2



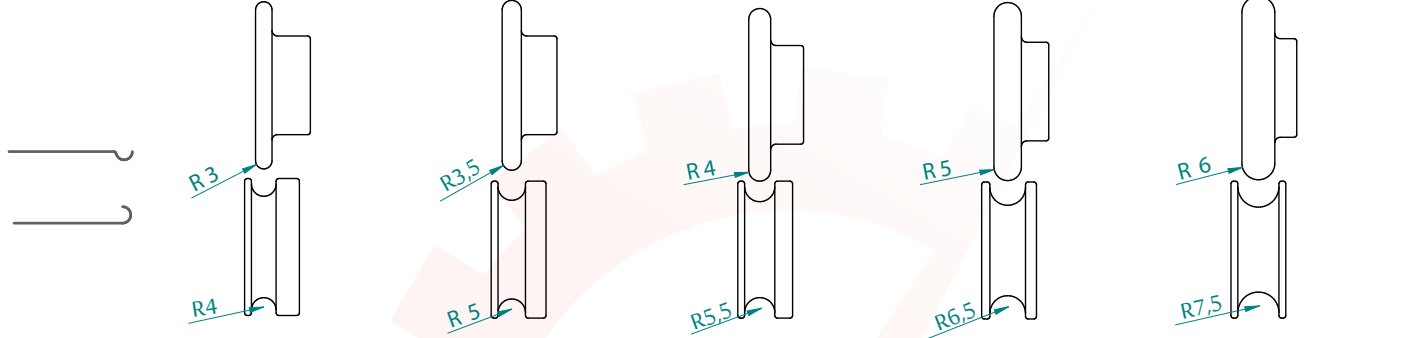
R3 = V3

R3,5 = V4

R4 = V5

R5

R6

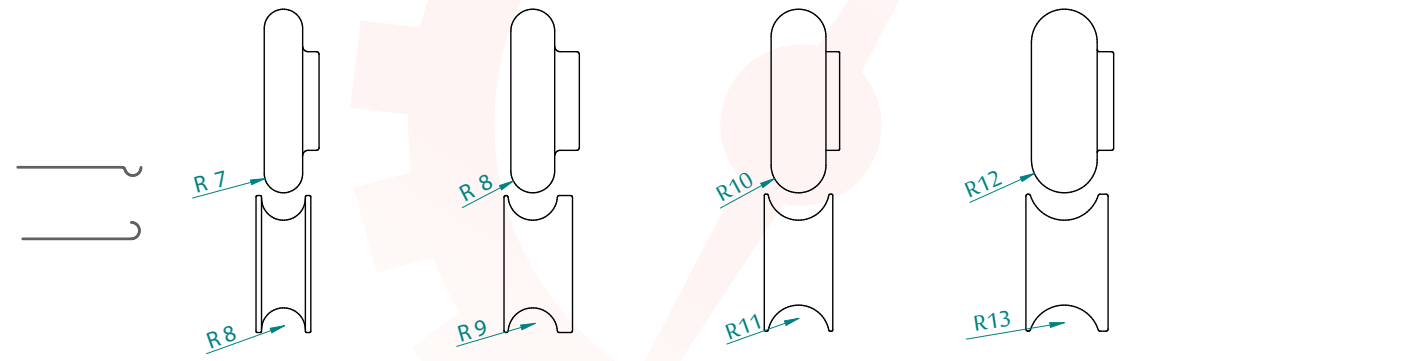


R7

R8

R10

R12



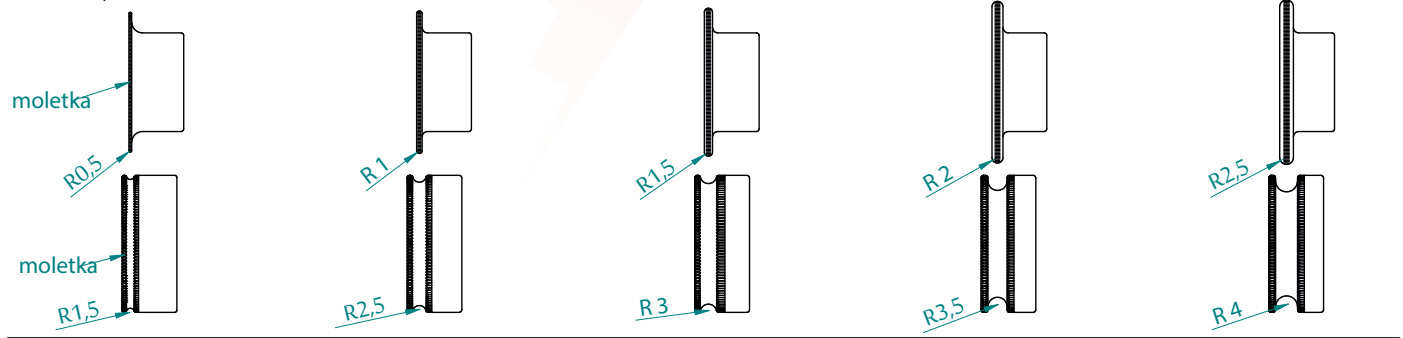
RM0,5 = VM000

RM1 = VM00

RM1,5 = VM0

RM2 = VM1

RM2,5 = VM2

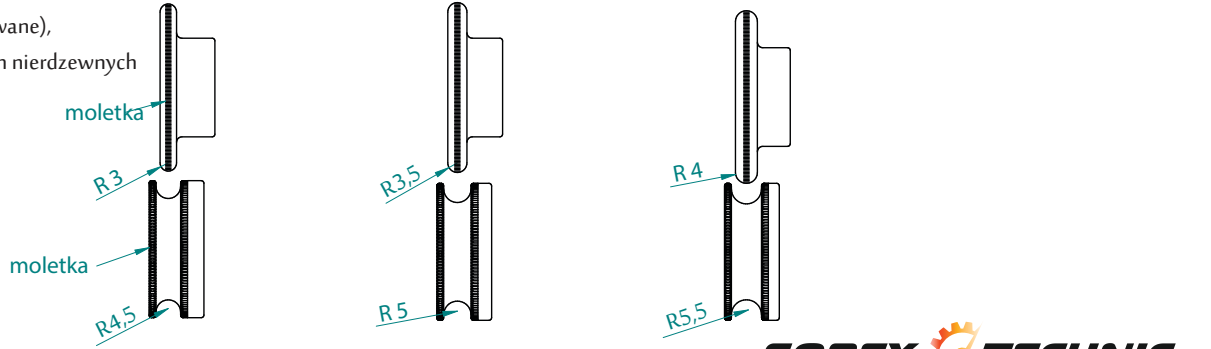


RM3 = VM3

RM3,5 = VM4

RM4 = VM5

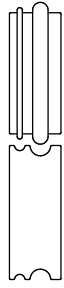
Rollki typu RM (moletowane),
służą do ciągnięcia blach nierdzewnych



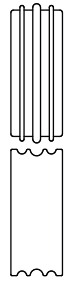
GROOVERS - Profiling Rollers

NR KATALOGOWY -

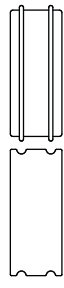
RR1



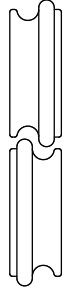
RR4



RR5

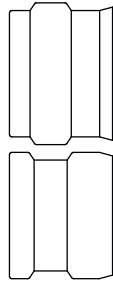


RR7

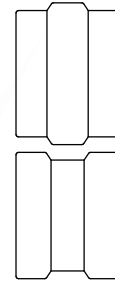


NR KATALOGOWY -

J1

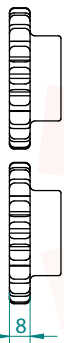


J2



NR KATALOGOWY -

Z8



Z15



Z20



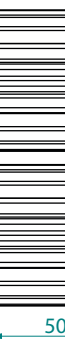
Z25



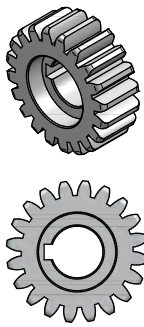
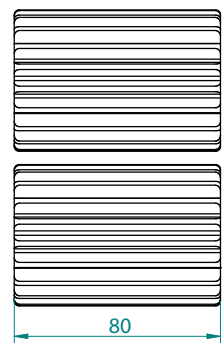
Z40



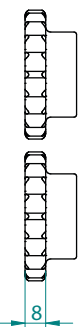
Z50



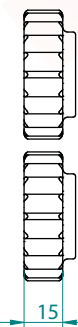
Z80



ZB8



ZB15



ZB20



ZB25



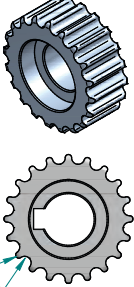
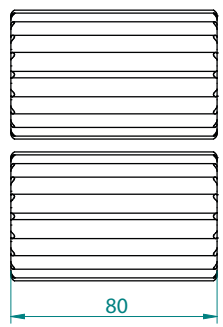
ZB40



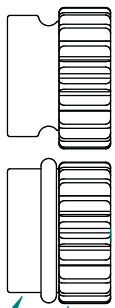
ZB50



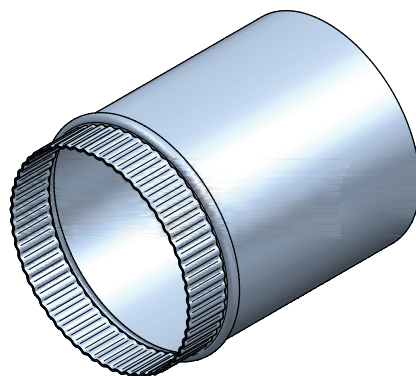
ZB80



Przykład zastosowania



U3 + Z20 (Z25, Z40, Z50,
ZB20, ZB25, ZB40, ZB50)



U1



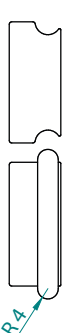
U2



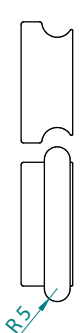
U3



U4

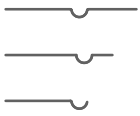


U5

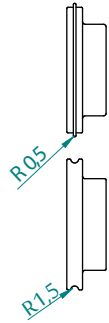


GROOVERS - Profiling Rollers

NR KATALOGOWY -



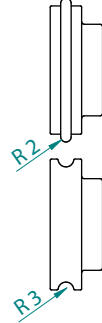
T05



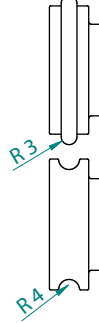
T1



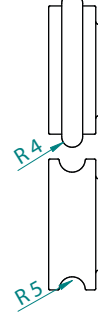
T2



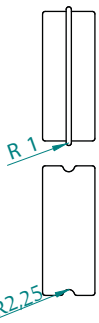
T3



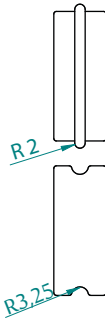
T4



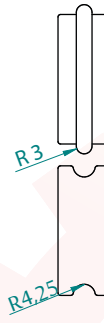
S1



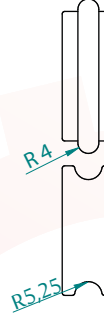
S2



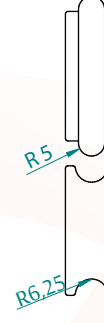
S3



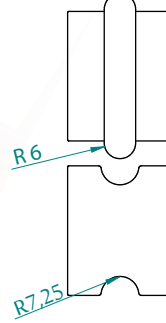
S4



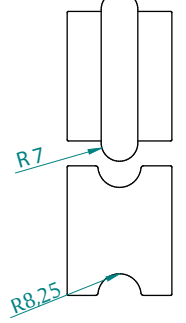
S5



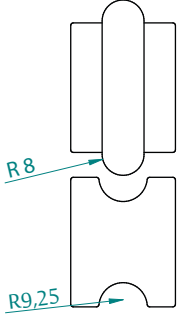
S6



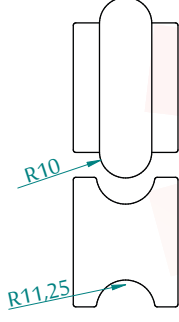
S7



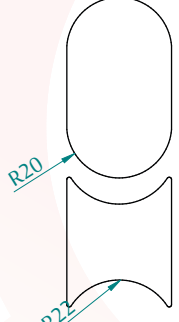
S8



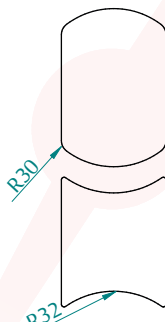
S10



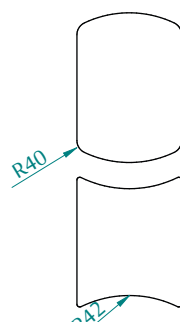
S20



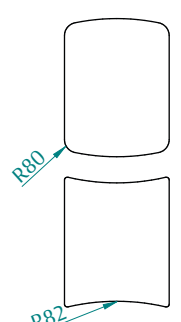
S30



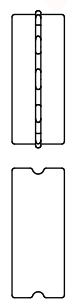
S40



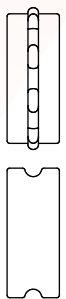
S80



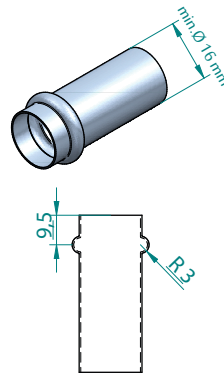
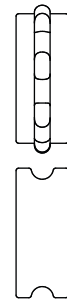
ST1



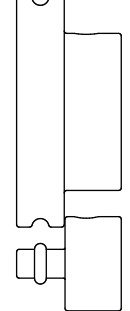
ST2



ST3



SU2

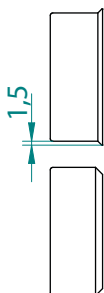


NR KATALOGOWY -

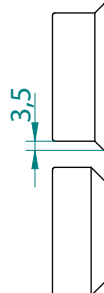
WF..



WF2



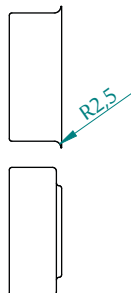
WF4



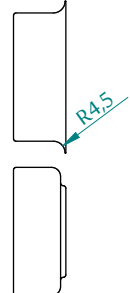
WF6



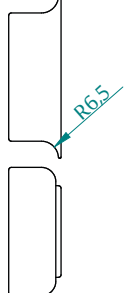
WR2



WR4



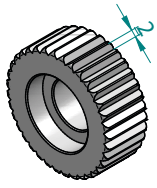
WR6



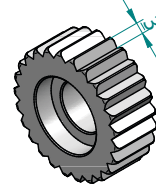
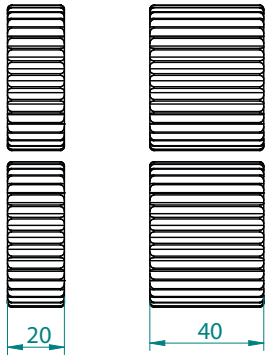
WR..



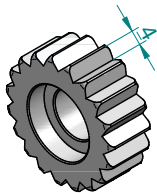
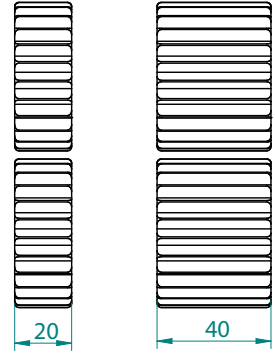
GROOVERS - Profiling Rollers



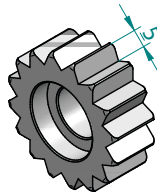
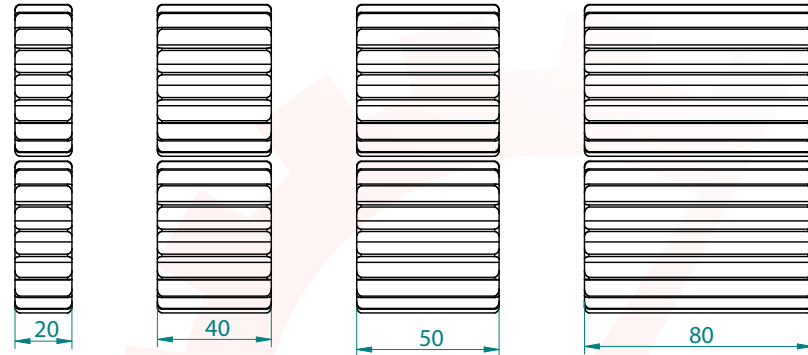
ZA2-20 ZA2-40



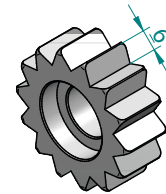
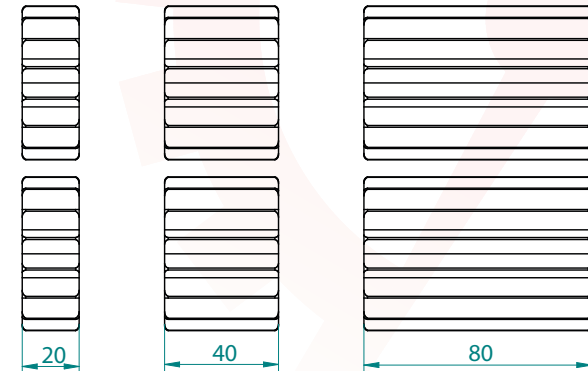
ZA3-20 ZA3-40



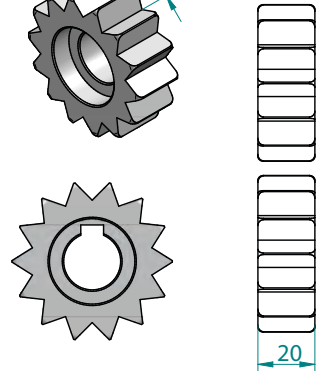
ZA4-20 ZA4-40 ZA4-50 ZA4-80



ZA5-20 ZA5-40 ZA5-80



ZA6-20

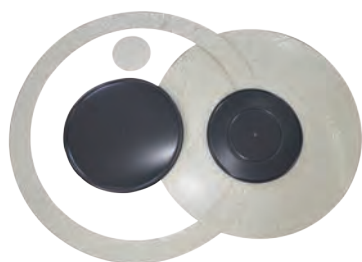


GROOVERS - Additional equipment

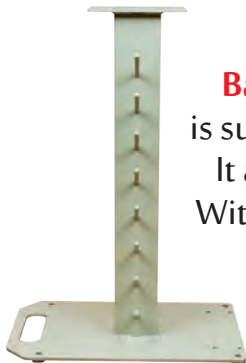
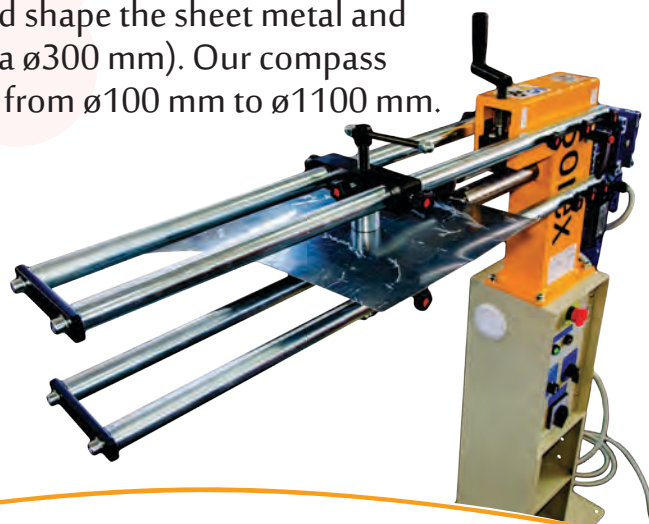
Additional equipment for CW, CWM, CWMK beading & flanging machines (groovers)



Wheelset - suitable for all types of our electric groovers. It enables to move around the machine easily.






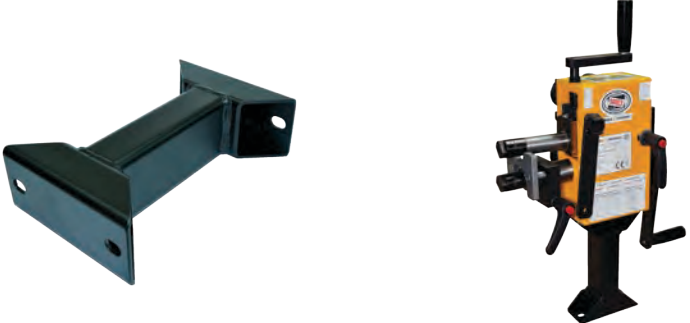

Compass - perfect for circles cutting, but can be used to round shape the sheet metal and cut holes (from circa $\varnothing 300$ mm). Our compass has wide operating range, from $\varnothing 100$ mm to $\varnothing 1100$ mm.



Base for manual beading & flanging machine is suitable for CW-50.200 or CW-50.250 groovers. It also is equipped with additional roller hangers. With base and groover it is possible to use wheelset to increase mobility.



GROOVERS - CW-50.70 Mounts

| Model | Photo |
|---|--|
| <p>Mount U-10</p> <ul style="list-style-type: none"> - mobile carpentry type mount - enables to mount the groover to the side of a worktop - thickness span from 10 mm to 50 mm |  |
| <p>Mount U-11</p> <ul style="list-style-type: none"> - mount enables to attach the groover to scaffolding during instalations - mounting on a \varnothing 50 mm in diameter pipes |  |
| <p>Mount U-12</p> <ul style="list-style-type: none"> - adapter U-12 works with Mount U-15. It enables to mount the groover on vartical and horizontal spans of scaffoldings. - Use of those mounts provides better adjustment capabilities of the groover. |  |
| <p>Mount U-14</p> <ul style="list-style-type: none"> - universal mount. With use of two bolts enables to mount the groover on every flat surface for example, worktop, pallette, board. |  |
| <p>Mount U-15</p> <ul style="list-style-type: none"> - pipe with a \varnothing50 mm in diameter and 90° angle, enables to mount the groover to vertical and horizontal span of a scaffolding (with use of U-11 or U-12) |  |

GROOVERS - Consumable materials

Rotary crank to move the upper shaft.



Clamping bolt for profile rollers



Hanger for profile rollers



Length bushes

- two types available, 15 i 20 mm height



Spanner fo rollers



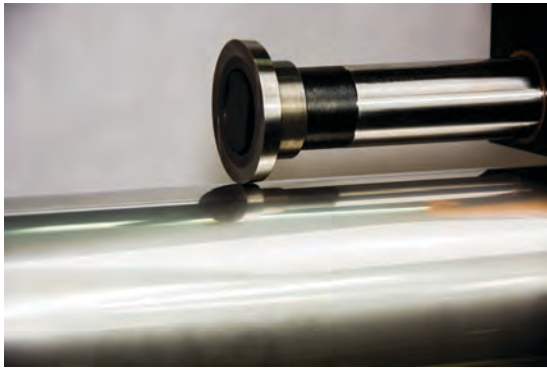
Crank for hand drive



Pipe-cutting Machine

CRM-520 Pipe-cutting, beading and flanging machine

CRM-50.520 derives from our CWM-50. beading & flanging machines series which enjoy trust and huge popularity among our clients.



This groover specially modified for pipe cutting and pipe machining allows the user to cut the min. $\varnothing 60$ diameter welded pipe for 520 mm in depth.



Basic parameters:

- roll gauge: 50 mm
- working depth: 520 mm
- max. thickness of machined sheet metal: 400 N/mm² - **0,80 mm**
- supply voltage: 230 V, 50 Hz
- engine power: **0,74 kW, 1,5 kW or 2,2 kW**
- working speed varies from 2 to 14 m/min, from 2 to 28 m/min and from 4 to 56 m/min
- stepless speed adjustment
- right/left rotations

Standard equipment:

- CRM-50.520 Pipe-cutting beading and flanging machine
- N-type cutting rollers
- regulated resistant stop plate
- spanner for rollers



Examples of sheet metal thickness:

- steel - 0,8 mm
- INOX - 0,6 mm
- aluminium - 1,0 mm
- copper - 0,8 mm

Roll Former for ZRS

P-300 Roll Former for Z.R.S. Sorex Bending machine

P-300 Roll Former is a modern tool for profiling and reinforcing flag sheet metal such as wall panels, decorative panels, elevation moulding, facades, lucarnes, verges of gutter flashing and others, according to your imagination.



Roll Former is a way to roofer's own style and individuality through creating and interesting and inimitable form. In a fast and easy way you can get unconventional effects, radiuses, bendings and strengthenings. As the saying holds: Sky (or operator's imagination) is the limit.



Standard equipment:

- P-300 Roll Former
- 2 sets of profile rollers: H2, S2
- fixing carriage for ZRS Sorex manual bending machine
- a 24 mm open wrench (to unscrew the profile rollers)
- a 16 mm ratchet (to unscrew the profile rollers)

P-300 Roll Former technical parameters:

- dimensions [length, width, height in mm] - (750, 250, 460)
- weight: 27 kg
- working depth: 300 mm
- minimum distance of profiling from the edge of the bending machine: 5mm
- maximum number of profiling rollers to set in one cycle: 4 sets
- independent regulation of pressure and side shift of lower and upper rollers
- regulation of pressure and side shift by the regulating screw



Groove Folder with adjustable width of slit DFS-1



Fast, useful tool designed for a precise clamping the pre-bent groove in one duty cycle. Perfect for tasteful finish of eaves and larmiers.



It closes the groove and thanks to its construction it neither breaks the sheet metal nor damages the surface.

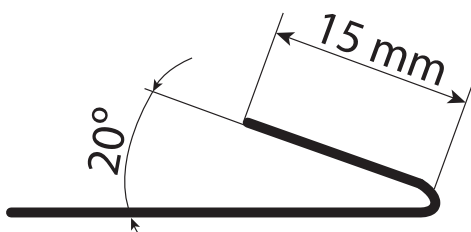
Adjustability of the tool in two planes allows to use it with different sheet metal thicknesses without any precision loss.

Side regulation of last pair of pinch rollers is our novelty. Such regulation increases the range of possibilities of the Folder making it a universal and all-embracing tool.

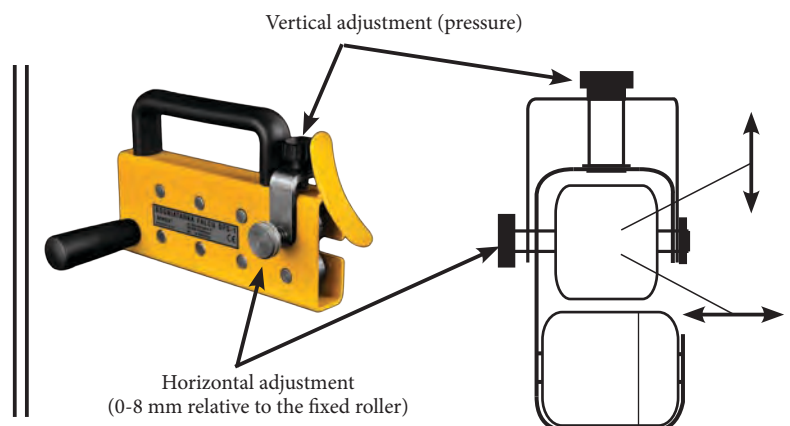
Moreover, its construction has been reinvented so now it allows bending the sheet metal at the 45° bending angle.



Pre-bend on Sorex Folding Machine



SOREX  **TECHNIC**



Seam Folders

Manual Roofing Seam Folders are used to connect pre-bent sheets with a fold into an angular standing seam and a double standing seam. The great advantage of our folding devices is their versatility. You can perform two operations: closing the angular standing seam, and after turning the tool by 180°, double standing seam. We offer three types of seam folders:

KR-210 Model is a classic universal seam folder made of steel with 210 mm working length.



KRP-210 Model is a seam folder made of steel with teflon linings with 210 mm working length.



KRP-70 Model is a seam folder made of steel with teflon linings and with 70 mm working length. Due to compact built it is designed to use it in hard-to-reach places and to close the seam on domes or other round constructions.



Thanks to the use of teflon linings, the KRP-210 and KRP-70 models do not scratch the sheet

KSC-1 Griplocking Pliers for standing seam forming

A professional tool for marking and profiling the ends of a standing seam. The use of clamps allows for achieving symmetrical ends on each of the seams.



The pliers allow for forming the edge into an arc (so-called tear) or diagonally at an angle of 45°. Thanks to the use of the closing mechanism, hammering down is possible directly on the pliers.



A plate is available for KSC-1 pliers, allowing for prefabrication of flashings in the workshop.

Roofing tools

OR-1 Seam Opener

A fine tool that strikes you with the simplicity of its design. It allows for quick and trouble-free work, it is used to open closed standing seams, both single and double.



WR-165 Batten extractor

This item helps to remove battens, (patches) and nails. It is equipped with a rubber handle. This allows the worker to grasp the tool firmly during work. Also it improves comfort and safety of the worker. Construction of this tool is simple so it helps to work fast and efficiently.

The unique profile of our extractor causes the patches to be removed by pressing downwards, which increases the safety of the work.



Gutter Hanger Bender

Tongs used for bending the gutter hooks with smooth scale regulation of bending angle and angle fender. New bearing construction guarantees durability and reliability.



It has special system minimalizing damages to electrolytic coating on bending surface. Additionally, there are comfortable handles covered with non-skid rubber for troublefree work.

Max. thickness of bended material: 8 mm



Roofing tools

GB-500 batten fixing gauge



The GB-500 batten gauge is made of galvanized steel closed profiles and varnished steel C-profiles. The structure is characterized by high durability and resistance to external factors. Robust workmanship and simplicity of construction make this device a reliable help for every roofer.

The product has a wide working range, both the batten spacing parameters (14 cm to 50 cm) and the batten width (from 2 cm to 10 cm) make it a universal tool and allow you to work on any type of roof.

Additionally, setting the spacing is facilitated by an engraved scale.



In order to optimize the work and increase the accuracy of the selected setting, it is recommended to use two GB-500 gauges at the same time.

Technical parameters:

- Batten width range: 2 cm - 10 cm
- Max spacing of battens: 500 mm
- Min. Spacing of battens: 140 mm
- Dimensions: 550 x 55 x 60 mm
- Weight: 1.45 kg



Beads Arch Rounder GW-1

It is used to make decorative and utility elements of sheet metal fittings. With its help, it is possible to shape the layer into any arch, both internal and external. The special design of the bender allows for a quick change of the three working modes: concave or convex.



The Beads Arch Rounder is one of the few devices that a building tinsmith can use to embellish our gray reality. The GW-1 bender will significantly contribute to achieving true craftsmanship in your work.



Such flashings can be used as the endings of terraces, cornices, window sills, arched windows, etc. This tool is very useful in the work of reconstructing historic buildings or carrying out ambitious architectural projects.

GD series Roofing Depth gauge calipers

Roofing depth gauge calipers are a useful tool when working with the ZRS Folding Machine. Especially when there is only one person operating the machine. They allow for precise setting of the bending width without the need to check the dimensions several times.



Depth gauge calipers allow for quick, precise and error-free execution of both plus and minus bends. Additional advantages are: the speed of changing the dimensions and the system protecting against undesirable distortion of the dimensions by sliding the measure under the pressure beam

Depth gauge calipers are available in three versions:

Model GD-150 - 150 mm working depth

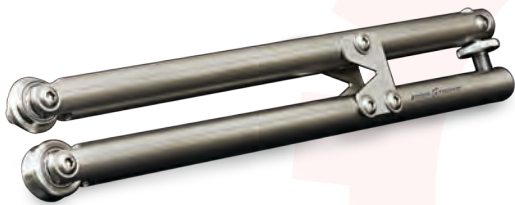
Model GD-300 - 300 mm working depth

Model GD-600 - 600 mm working depth



FR type Roll tile edger

FR type Roll tile edger, also known under the traditional name “Roller stork”, is a tool designed especially for sheet metal workers. It is used to mark the bending line in many types of flashings, including: chimney flashings, wall flashings, corners, caps, baking pans, baskets behind dormer windows.



Parameters of the FR-200 model:
Working length: 200 mm
Overall length: 350 mm
Height: 60 mm
Width: 30 mm
Weight: 1 kg



Parameters of the FR-350 model:
Working length: 350 mm
Overall length: 500 mm
Height: 60 mm
Width: 30 mm
Weight: 1,4 kg

The main design goal was to facilitate the bending of the sheet in a way that avoids its notching. The tool significantly simplifies and improves the process of making flashings and architectural elements of the construction sheet metal machine.



This approach to working with sheet metal allows for an increase in the service life of the elements, increasing the degree of tightness of the flashings, greater durability and higher aesthetics of workmanship. Such details attract attention and are appreciated by a satisfied customer.



Manual Bending Machines by SOREX



Constantly improved, but still classic construction allows the user to keep huge rigidity and full & high-ranged regulation of the machine. Thanks to this, parameters of the machine are preserved in aspic for many working years.

Wide range of bending machines allows the user to choose the perfect machine according to their needs.

In our offer there are not only short bending machines (660 mm of working length) perfect for bending thicker sheet metals (up to 2.0 mm), but also universal machines ZRS 2160 and ZRS 2360 which are widely sold in Poland and abroad. Moreover, we also have heavy machines (up to 4160 mm working length), perfect for bending long sheet metals up to 0,8 mm thick.



You can also purchase a wide range of additional equipment which improves and speeds work up.

Our machines are famous for their production quality. Thanks to this, we have lots of satisfied customers.



BENDING MACHINES - Models



Z.R.S. - 600 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|--------|--------|--------|--------|
| 2,00 mm | 880 mm | 200 mm | 556 mm | 80 kg |

Z.R.S. - 1160 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 1,50 mm | 1480 mm | 660 mm | 1000 mm | 110 kg |



Z.R.S. - 1660 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 1,50 mm | 1910 mm | 660 mm | 1000 mm | 185 kg |

Z.R.S. - 2160 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 1,00 mm | 2500 mm | 660 mm | 1000 mm | 244 kg |



Z.R.S. - 2360 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 1,00 mm | 2650 mm | 660 mm | 1000 mm | 250 kg |

Z.R.S. - 2660 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 0,80 mm | 2950 mm | 660 mm | 1000 mm | 304 kg |



Z.R.S. - 3160 mm

| Max. metal sheet thickness | Length | Width | Height | Weight |
|----------------------------|---------|--------|---------|--------|
| 0,70 mm | 3550 mm | 660 mm | 1000 mm | 415 kg |

BENDING MACHINES - Additional equipment

NKS-1,25 Rotary Shears
(in a foam-filled bag)

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 260 mm | 250 mm | 220 mm | 6 kg |



Spanners Kit to adjust the
machine

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 350 mm | 150 mm | 50 mm | 1,3 kg |



First aid kit

| Length | Width | Height | Weight |
|--------|-------|--------|---------|
| 220 mm | 55 mm | 55 mm | 0,25 kg |



Spare cutting discs
for NKS-1,25 (2 pcs)

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 80 mm | 80 mm | 30 mm | 1 kg |



Back table 1m + back fenders and
a bag

| Length | Width | Height | Weight |
|---------|--------|--------|--------|
| 1050 mm | 150 mm | 50 mm | 10 kg |



Extension of the back table by 1m

| Length | Width | Height | Weight |
|---------|--------|--------|--------|
| 1050 mm | 150 mm | 50 mm | 3 kg |



Support of the back table

| Length | Width | Height | Weight |
|---------|--------|--------|--------|
| 1050 mm | 200 mm | 200 mm | 0,5 kg |



BENDING MACHINES - Additional equipment

Angle setting disc from
0° to 160°

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 160 mm | 160 mm | 10 mm | 0,3 kg |



Single position bending plate
angle limiter
(ranged 0°-160°)

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 520 mm | 35 mm | 65 mm | 1,5 kg |



Four angle limiters of
bending plate
(ranged 4x 0°-160°)

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 570 mm | 100 mm | 100 mm | 4 kg |



Front limiters (cutting stripes)

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 630 mm | 30 mm | 220 mm | 1,5 kg |



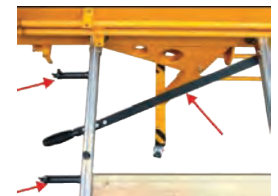
Back fenders with a 1000
mm scale 2 pcs.

| Length | Width | Height | Weight |
|--------|--------|--------|---------|
| 1050mm | 150 mm | 50 mm | 3,25 kg |



Side fenders of the sheet
metal

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 830 mm | 60 mm | 50 mm | 1,9 kg |



Side handles 2 pcs.

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 400 mm | 27 mm | 27 mm | 1,2 kg |



BENDING MACHINES - Additional equipment

Fourside sheet metal bending,
baking-pan shape

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 470 mm | 150 mm | 140 mm | 6,5 kg |



Bending beam support –
actuators

| Length | Width | Height | Weight |
|---------|-------|--------|--------|
| 1040 mm | 30 mm | 30 mm | 3 kg |



Pedals – foot opening/closing

| Length | Width | Height | Weight |
|---------|--------|--------|--------|
| 1350 mm | 500 mm | 100 mm | 27 kg |



Step-on wooden platform
(prevents machine from moving)

| Length | Width | Height | Weight |
|---------|--------|--------|--------|
| 1300 mm | 350 mm | 130 mm | 7,5 kg |



Cut plates clamping bar

| Length | Width | Height | Weight |
|-----------|-------|--------|--------|
| L maszyny | 60 mm | 60 mm | 3,5 kg |



Writing-desk for drawings and
measuring tools

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 490 mm | 200 mm | 100 mm | 1,5 kg |



Cover for the machine

| Length | Width | Height | Weight |
|--------|--------|--------|--------|
| 600 mm | 400 mm | 100 mm | 1,5 kg |

