

03



rok założenia 1934  
**zegar**

# TECHNO 30 line



[www.karnisz.pl](http://www.karnisz.pl)

# TECHNO 30 line

brass, stainless steel, aluminium



POINT BENDING

**Techno 30** rod can be spot bent with a radius of 30 cm, **Techno 30** rail - with a radius of 30 cm, **Techno 20** rod - with a radius of 13 cm and **Techno 20** profiles - with a radius of 13 cm.



ARC BENDING

**Techno 30** rail can be bent horizontally and vertically with a radius of min. 300 cm. We bend **Techno 30** and **Techno 20** rods with a radius of min. 50 cm and **Techno 20** rail with a radius of min. 50 cm



WAVE SYSTEM

For **Techno 30** and **Techno 20** rails we can use the wave system. Details in section no. 16



STRING SYSTEM

For **Techno 30** profiles, we can use a string system in a curtain rod up to a length of 600 cm, for **Techno 20** profiles - a string system with a stretcher in a curtain rod up to a length of 350 cm - details in section no. 16



ANGLE CONNECT

For **Techno 30** and **Techno 20** rods and profiles, we have adjustable angle and fixed 90 ° and 135 ° joints, and we can make any angle on request.



DECORING

We can hang fabrics on decorings on **Techno 30** and **Techno 20** rods - details in section no. 19



SHUTTERS INSTALL

We can install Roman blinds mechanisms to brackets and directly to **Techno 20** and **Techno 30** rails - details in section no. 8, on pages 8.12 and 8.13



ELECTRA

We can use an electric motor for **Techno 30** profiles - details in section no. 7



ON REQUEST

We can change the lengths of handles and rosettes, change the spacing between rods or rails, and adjust the angles of fixed joints. Do you want to know if we can solve the problem of a curtain rod in your window - call us or write to us.



inox



inox poler



antico



light antico  
on request



satin



white



black

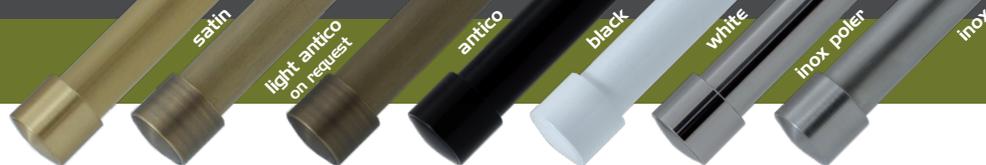


RAL

Modern, simple shape curtain rods made of brass or stainless steel and aluminum; rings have an insert for easier and quieter sliding on the rod. It is possible to use a profile instead of a rod, thanks to which the fabric can be moved under the handles along the entire length of the curtain rod. Thanks to the possibility of using various diameters of rods and profiles, these curtain rods are suitable for small, medium and large windows. Available as: **brass - antico, satin, stainless steel - inox matt and inox poler as well as in white and black.** Rods used: Ø30, 20 mm and profiles: 30 and 20 mm.

In a single and double curtain rail, we can use the **wave system** and professional **string system** with the ability to control fabrics from one place and from any side of the window. We can also use electric control - with a remote control, in a smart home system, WiFi.

It is possible to order elements in a color **light antico** (price +20%, does not apply to rails).



**Decorative BRACKETS** from collection **Ceramic**  
and *Crystallized Elements*  
are available in section No. 17



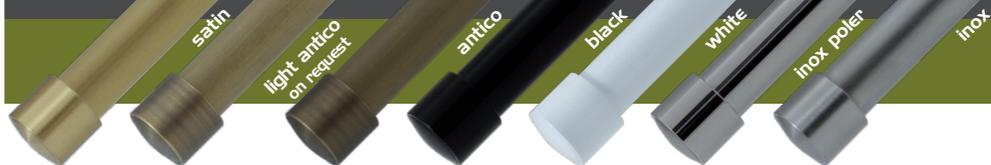
Name	No. - Type		
	<b>SINGLE BRACKET ROD Ø 30 mm Techno 30</b>		
	rod Ø 30 mm	29102 - <b>antico</b>	(brass)
	stand 60 mm	39102 - <b>satin</b>	(brass)
		49102 - <b>black matt</b>	(stainless steel)
	L = 50, 80, 120, 160, 200 mm	69102 - <b>white</b>	(stainless steel)
	The handle can be adapted to the installation of a Roman blind from L=120.	79102 - <b>inox poler</b>	(stainless steel)
		89102 - <b>inox</b>	(stainless steel)

	<b>SINGLE BRACKET RAIL Ø 30 mm Techno 30</b>		
	rail Ø 30 mm	29202 - <b>antico</b>	(brass)
	stand 60 mm	49202 - <b>black matt</b>	(stainless steel)
		69202 - <b>white</b>	(stainless steel)
		79202 - <b>inox poler</b>	(stainless steel)
	L = 50, 80, 120, 160, 200 mm	89202 - <b>inox</b>	(stainless steel)
	The handle can be adapted to the installation of a Roman blind from L=120.		

	<b>SINGLE BRACKET FOR CEILING ROD Ø 30 mm Techno 30</b>		
	rod Ø 30 mm	29103 - <b>antico</b>	(brass)
	stand 60 mm	39103 - <b>satin</b>	(brass)
		49103 - <b>black matt</b>	(stainless steel)
		69103 - <b>white</b>	(stainless steel)
	L = 90 mm	79103 - <b>inox poler</b>	(stainless steel)
		89103 - <b>inox</b>	(stainless steel)

	<b>SINGLE BRACKET FOR CEILING RAIL Ø 30 mm Techno 30</b>		
	rail Ø 30 mm	29203 - <b>antico</b>	(brass)
	stand 60 mm	49203 - <b>black matt</b>	(stainless steel)
		69203 - <b>white</b>	(stainless steel)
		79203 - <b>inox poler</b>	(stainless steel)
	L = 90 mm	89203 - <b>inox</b>	(stainless steel)

L - distance of the first rod / rail from the wall / ceiling



Name No. - Type

DOUBLE BRACKET Ø 30/20 mm Techno 30		
rod Ø 30/rod Ø 20 mm	29124 - <b>antico</b>	(brass)
stand 60 mm	39124 - <b>satin</b>	(brass)
L = 40, 80, 120, 160 mm	49124 - <b>black matt</b>	(stainless steel)
S = 80 mm	69124 - <b>white</b>	(stainless steel)
The handle can be adapted to the installation of a Roman blind from L=120.	79124 - <b>inox poler</b>	(stainless steel)
	89124 - <b>inox</b>	(stainless steel)

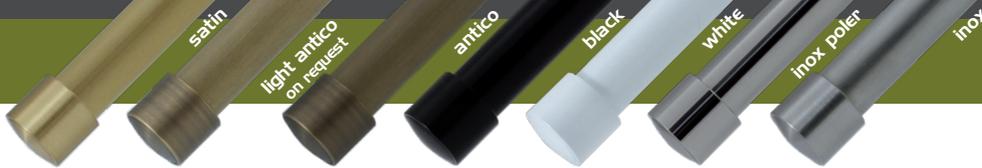
DOUBLE BRACKET RAIL Ø 30/RAIL Ø 20 mm Techno 30		
rail Ø 30 mm/rail Ø 20 mm	29224 - <b>antico</b>	(brass)
stand 60 mm	49224 - <b>black matt</b>	(stainless steel)
L = 40, 80, 120, 160 mm	69224 - <b>white</b>	(stainless steel)
S = 80 mm	79224 - <b>inox poler</b>	(stainless steel)
The handle can be adapted to the installation of a Roman blind from L=120.	89224 - <b>inox</b>	(stainless steel)
	<b>Possibility to order a double handle rail Ø 30 mm/rail Ø 30 mm - surcharge 50%.</b>	

DOUBLE BRACKET ROD Ø 30/RAIL Ø 20 mm Techno 30		
rod Ø 30/rail Ø 20 mm	29302 - <b>antico</b>	(brass)
stand 60 mm	39302 - <b>satin</b>	(brass)
L = 40, 80, 120, 160 mm	49302 - <b>black matt</b>	(stainless steel)
S = 80 mm	69302 - <b>white</b>	(stainless steel)
The handle can be adapted to the installation of a Roman blind from L=120.	79302 - <b>inox poler</b>	(stainless steel)
	89302 - <b>inox</b>	(stainless steel)

DOUBLE BRACKET FOR CEILING Ø 30/20 mm Techno 30		
rod Ø 30/rod Ø 20 mm	29147 - <b>antico</b>	(brass)
stand 60 mm	39147 - <b>satin</b>	(brass)
L = 90 mm	49147 - <b>black matt</b>	(stainless steel)
S = 80 mm	69147 - <b>white</b>	(stainless steel)
	79147 - <b>inox poler</b>	(stainless steel)
	89147 - <b>inox</b>	(stainless steel)

DOUBLE BRACKET FOR CEILING RAIL Ø 30/RAIL Ø 20 mm Techno 30		
rail Ø 30/rail Ø 20 mm	29247 - <b>antico</b>	(brass)
stand 60 mm	49247 - <b>black matt</b>	(stainless steel)
L = 90 mm	69247 - <b>white</b>	(stainless steel)
S = 80 mm	79247 - <b>inox poler</b>	(stainless steel)
	89247 - <b>inox</b>	(stainless steel)

L - distance of the first rod / rail from the wall / ceiling, S - distance between rods / rails



Name No. - Type



### DOUBLE BRACKET FOR CEILING ROD Ø 30/RAIL Ø 20 mm Techno 30

rod Ø 30/rail Ø 20 mm	29347 - <b>antico</b>	(brass)
stand 60 mm	39347 - <b>satin</b>	(brass)
L = 90 mm	49347 - <b>black matt</b>	(stainless steel)
S = 80 mm	69347 - <b>white</b>	(stainless steel)
	79347 - <b>inox poler</b>	(stainless steel)
	89347 - <b>inox</b>	(stainless steel)

ON REQUEST



### TRIPLE BRACKET ROD Ø 30/RAIL Ø 20/RAIL Ø 20 Techno 30\*

rod Ø 30/rail Ø 20 mm/rail Ø 20	29326 - <b>antico</b>	(brass)
stand 60 mm	39326 - <b>satin</b>	(brass)
L = 40, 80 mm	49326 - <b>black matt</b>	(stainless steel)
S = 60 + 60 mm	69326 - <b>white</b>	(stainless steel)
	79326 - <b>inox poler</b>	(stainless steel)
	89326 - <b>inox</b>	(stainless steel)



### INTERNAL BRACKET Ø 30 mm Techno 30

rod Ø 30 / rail Ø 30	29065 - <b>antico</b>	(brass)
stand 39 mm	39065 - <b>satin</b>	(brass)
	49065 - <b>black matt</b>	(stainless steel)
	69065 - <b>white</b>	(stainless steel)
	79065 - <b>inox poler</b>	(stainless steel)
	89065 - <b>inox</b>	(stainless steel)

**Decorative END-PIECES** for rod or rail  
 Ø 30 mm from collection **Ceramic**,  
 GLASS and Crystallized Elements  
 are available in section No. 17

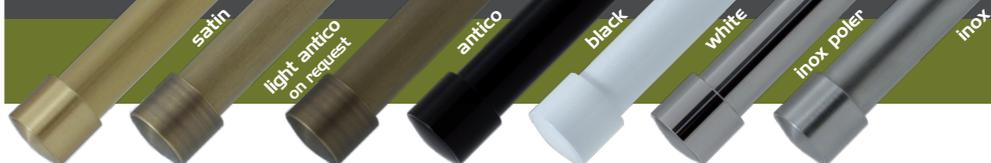


### END-PIECE CYLINDER ROD or RAIL Ø 30 mm

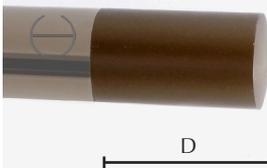
STANDARD	ROD	RAIL		
Ø 30 mm				
D = 28 mm	29100	29200	<b>antico</b>	(brass)
	39100		<b>satin</b>	(brass)
	49100	49200	<b>black matt</b>	(stainless steel)
	69100	69200	<b>white</b>	(stainless steel)
	79100	79200	<b>inox poler</b>	(stainless steel)
	89100	89200	<b>inox</b>	(stainless steel)

\* - Details on request. No refunds or exchanges.

L - distance of the first rod / rail from the wall / ceiling, S - distance between rods / rails, D - length



Name	No. - Type
  <b>STANDARD</b>	<b>END-PIECE PLUG FOR RAIL Ø 30 mm Techno 30</b> Ø 30 mm      29212 - <b>antico</b> (brass) D = 11 mm    49212 - <b>black matt</b> (stainless steel) 69212 - <b>white</b> (stainless steel) 79212 - <b>inox poler</b> (stainless steel) 89212 - <b>inox</b> (stainless steel)

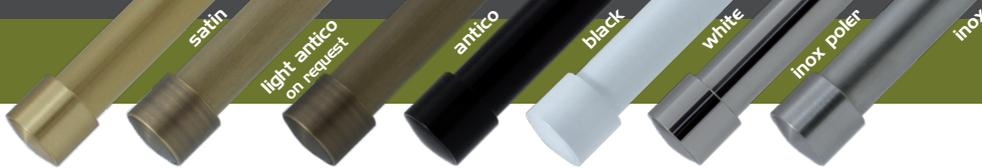
 	<b>END-PIECE LONG CYLINDER RAIL Ø 30 mm Techno 30</b> rail Ø 30 mm      29201 - <b>antico</b> (aluminium) D = 52 mm        49201 - <b>black matt</b> (aluminium) 69201 - <b>white</b> (aluminium) 79201 - <b>inox poler</b> (aluminium) 89201 - <b>inox</b> (aluminium)
--	--

 	<b>END-PIECE SPHERE ROD or RAIL Ø 30 mm</b> <table border="1"> <thead> <tr> <th>Ø 30 mm</th> <th>ROD</th> <th>RAIL</th> <th></th> </tr> </thead> <tbody> <tr> <td>D = 80 mm</td> <td>20102</td> <td>20202</td> <td><b>antico</b> (brass)</td> </tr> <tr> <td rowspan="5">Sphere diameter 60 mm</td> <td>30102</td> <td></td> <td><b>satin</b> (brass)</td> </tr> <tr> <td>40102</td> <td>40202</td> <td><b>black matt</b> (stainless steel)</td> </tr> <tr> <td>60102</td> <td>60202</td> <td><b>white</b> (stainless steel)</td> </tr> <tr> <td>70102</td> <td>70202</td> <td><b>inox poler</b> (stainless steel)</td> </tr> <tr> <td>80102</td> <td>80202</td> <td><b>inox</b> (stainless steel)</td> </tr> </tbody> </table>	Ø 30 mm	ROD	RAIL		D = 80 mm	20102	20202	<b>antico</b> (brass)	Sphere diameter 60 mm	30102		<b>satin</b> (brass)	40102	40202	<b>black matt</b> (stainless steel)	60102	60202	<b>white</b> (stainless steel)	70102	70202	<b>inox poler</b> (stainless steel)	80102	80202	<b>inox</b> (stainless steel)
	Ø 30 mm	ROD	RAIL																						
	D = 80 mm	20102	20202	<b>antico</b> (brass)																					
	Sphere diameter 60 mm	30102		<b>satin</b> (brass)																					
		40102	40202	<b>black matt</b> (stainless steel)																					
		60102	60202	<b>white</b> (stainless steel)																					
		70102	70202	<b>inox poler</b> (stainless steel)																					
80102		80202	<b>inox</b> (stainless steel)																						

 	<b>END-PIECE SEMI-SPHERE ROD or RAIL Ø 30 mm</b> <table border="1"> <thead> <tr> <th>Ø 30 mm</th> <th>ROD</th> <th>RAIL</th> <th></th> </tr> </thead> <tbody> <tr> <td>D = 52 mm</td> <td>20103</td> <td>20203</td> <td><b>antico</b> (brass)</td> </tr> <tr> <td rowspan="5">Semi-sphere diameter 60 mm</td> <td>30103</td> <td></td> <td><b>satin</b> (brass)</td> </tr> <tr> <td>40103</td> <td>40203</td> <td><b>black matt</b> (stainless steel)</td> </tr> <tr> <td>60103</td> <td>60203</td> <td><b>white</b> (stainless steel)</td> </tr> <tr> <td>70103</td> <td>70203</td> <td><b>inox poler</b> (stainless steel)</td> </tr> <tr> <td>80103</td> <td>80203</td> <td><b>inox</b> (stainless steel)</td> </tr> </tbody> </table>	Ø 30 mm	ROD	RAIL		D = 52 mm	20103	20203	<b>antico</b> (brass)	Semi-sphere diameter 60 mm	30103		<b>satin</b> (brass)	40103	40203	<b>black matt</b> (stainless steel)	60103	60203	<b>white</b> (stainless steel)	70103	70203	<b>inox poler</b> (stainless steel)	80103	80203	<b>inox</b> (stainless steel)
	Ø 30 mm	ROD	RAIL																						
	D = 52 mm	20103	20203	<b>antico</b> (brass)																					
	Semi-sphere diameter 60 mm	30103		<b>satin</b> (brass)																					
		40103	40203	<b>black matt</b> (stainless steel)																					
		60103	60203	<b>white</b> (stainless steel)																					
		70103	70203	<b>inox poler</b> (stainless steel)																					
80103		80203	<b>inox</b> (stainless steel)																						

 	<b>RING Techno 30 SILENT</b> Packed in 10 pcs.    29511 - <b>antico</b> (brass) 39511 - <b>satin</b> (brass) 49511 - <b>black matt</b> (stainless steel) 69511 - <b>white</b> (stainless steel) 79511 - <b>inox poler</b> (stainless steel) Ø 45/41 mm            89511 - <b>inox</b> (stainless steel)
--	---

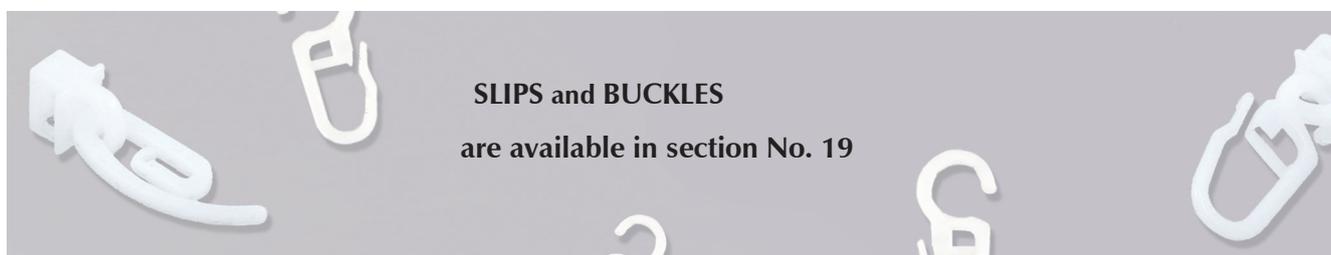
D - length



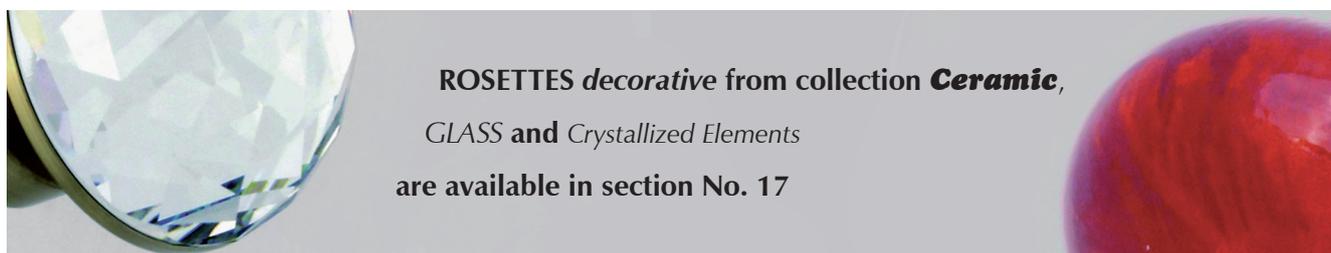
Name No. - Type

RING CLIP FOR WHEEL <b>TECHNO 30</b>		
	Packed in 10 pcs.	29500 - <b>antico</b> (brass)
		39500 - <b>satin</b> (brass)
		69500 - <b>white</b> (stainless steel)
		49500 - <b>black matt</b> (stainless steel)
		89500 - <b>inox</b> (stainless steel)

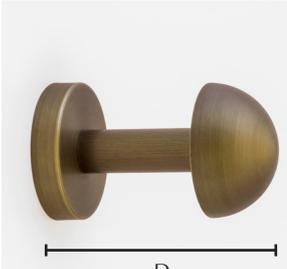
RING CLIP WITH SLIDE WITH RAIL <b>TECHNO 30</b>		
	Packed in 10 pcs.	29501 - <b>antico</b> (brass)
		49501 - <b>black matt</b> (stainless steel)
		69501 - <b>white</b> (stainless steel)
		89501 - <b>inox</b> (stainless steel)



**SLIPS and BUCKLES**  
are available in section No. 19

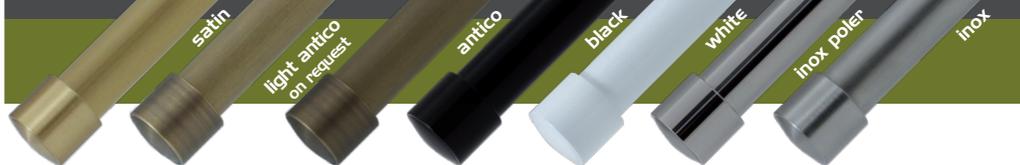


**ROSETTES decorative** from collection **Ceramic**,  
*GLASS and Crystallized Elements*  
are available in section No. 17

ROSETTE LARGE SEMI-SPHERE <b>TECHNO 30</b>		
	stand 60 mm	29352 - <b>antico</b> (brass)
		39352 - <b>satin</b> (brass)
		49352 - <b>black matt</b> (stainless steel)
	D = 130 mm	69352 - <b>white</b> (stainless steel)
	Semi-sphere diameter 60 mm	79352 - <b>inox poler</b> (stainless steel)
		89352 - <b>inox</b> (stainless steel)

ON REQUEST ROD JOINT 90° FIXED Ø 30 mm*		
	rod Ø 30 mm	20542 - <b>antico</b> (brass)
		30542 - <b>satin</b> (brass)
		40542 - <b>black matt</b> (stainless steel)
		60542 - <b>white</b> (stainless steel)
	Joints with a different angle on request - price +50%	70542 - <b>inox poler</b> (stainless steel)
		80542 - <b>inox</b> (stainless steel)

\* - Details on request. No refunds or exchanges.



Name	No. - Type	
<p>ON REQUEST</p> 	<b>ROD JOINT 135° FIXED Ø 30 mm*</b>	
	rod Ø 30 mm	20545 - <b>antico</b> (brass)
		30545 - <b>satin</b> (brass)
		40545 - <b>black matt</b> (stainless steel)
		60545 - <b>white</b> (stainless steel)
	<p>Joints with a different angle on request - price +50%</p>	70545 - <b>inox poler</b> (stainless steel)
		80545 - <b>inox</b> (stainless steel)

<p>ON REQUEST</p> 	<b>ROD JOINT ADJUSTABLE Ø 30 mm*</b>	
	rod Ø 30 mm	20542/N - <b>antico</b> (brass)
		30542/N - <b>satin</b> (brass)
		40542/N - <b>black matt</b> (aluminium)
		60542/N - <b>white</b> (aluminium)
		70542/N - <b>inox poler</b> (aluminium)
		80542/N - <b>inox</b> (aluminium)

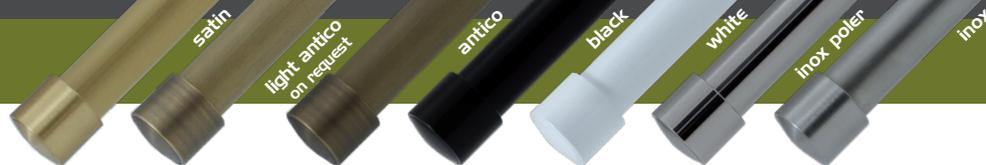
<p>ON REQUEST</p> 	<b>RAIL JOINT 90° FIXED Ø 30 mm*</b>	
	rail Ø 30 mm	29542 - <b>antico</b> (aluminium)
	impassable	49542 - <b>black matt</b> (aluminium)
		69542 - <b>white</b> (aluminium)
		79542 - <b>inox poler</b> (aluminium)
		89542 - <b>inox</b> (aluminium)
It is not possible to make a different angle.		

<p>ON REQUEST</p> 	<b>RAIL JOINT 135° FIXED Ø 30 mm*</b>	
	rail Ø 30 mm	29544 - <b>antico</b> (aluminium)
	impassable	49544 - <b>black matt</b> (aluminium)
		69544 - <b>white</b> (aluminium)
		79544 - <b>inox poler</b> (aluminium)
		89544 - <b>inox</b> (aluminium)
It is not possible to make a different angle.		

	<b>RAIL JOINT ADJUSTABLE Ø 30 mm</b>	
	rail Ø 30 mm	29542/N - <b>antico</b> (brass)
	impassable	49542/N - <b>black matt</b> (aluminium)
		69542/N - <b>white</b> (aluminium)
		79542/N - <b>inox poler</b> (aluminium)
		89542/N - <b>inox</b> (aluminium)

	<b>ROD JOINT Ø 30 mm</b>
	rod Ø 30 mm

\* - Details on request. No refunds or exchanges.



Name No. - Type



**RAIL JOINT Ø 20 mm IN THE BRACKET**

rail Ø 20 mm and 30 mm 50524 - aluminium

D = 60 mm



**RAIL JOINT Ø 30 mm - MOUNTED DIRECTLY FOR CEILING**

rail Ø 20 mm and 30 mm 50525 - aluminium

D = 60 mm

Use with handles 50527, 50514.



**BLOCKADE FOR RAIL Ø 30 mm**

rail Ø 30 mm 59528 - aluminium



**BRACKET FOR MOUNTING THE ROMAN ROLLER SHUTTER WITH RAIL Ø 30 mm**

rail Ø 30 mm 59530 - aluminium

D = 60 mm

More information in section no. 8.



**ROD Ø 30 mm x 0,7 mm x 1,0 m**

rod Ø 30 mm 20523 - **antico** (brass)

30523 - **satin** (brass)

L = 150, 175, 200, 250, 300\*, 350\* 40523 - **black matt** (stainless steel)

\* - additional transport cost 60523 - **white** (stainless steel)

Other lengths - please contact the 70523 - **inox poler** (stainless steel)

Zegar company. 80523 - **inox** (stainless steel)

Maximum distance between handles is 230 cm. It is possible to strengthen the brass rod (price +20%).



**RAIL Ø 30 mm**

rail Ø 30 mm 29524 - **antico** (aluminium)

L = 150, 175, 200, 250, 49524 - **black matt** (aluminium)

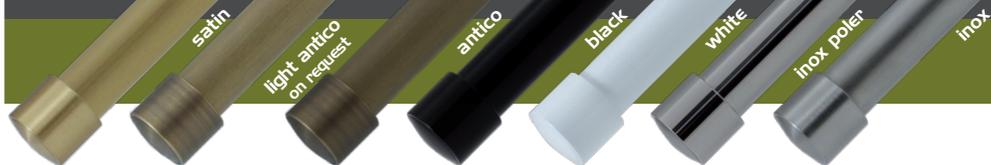
300\*, 350\*, 400\*, 450\*, 600\* 69524 - **white** (aluminium)

\* - additional transport cost. 79524 - **inox poler** (aluminium) (max. 350 cm)

Maximum distance between handles 89524 - **inox** (aluminium)

Possibility to mount in a rail Ø 30 mm a string or electro system - more information in sections no. 5 and 16.

\* - Details on request. No refunds or exchanges.



Name	No. - Type	
<p>ON REQUEST</p> 	<b>ROD BENT Ø 30 mm x 0,7 mm x 1,0 m*</b>	
	rod Ø 30 mm	20523 - <b>antico</b> (brass)
		30523 - <b>satin</b> (brass)
	Minimum bend radius - 50 cm.	40523 - <b>black matt</b> (stainless steel)
	Price is for rod only.	60523 - <b>white</b> (stainless steel)
	Additional transport costs of bent rods.	70523 - <b>inox poler</b> (stainless steel)
	80523 - <b>inox</b> (stainless steel)	
Price is for rods arc bent. Bends are individually priced according to the provided template or H and C dimensions, if the arc is along the radius of the circle.		

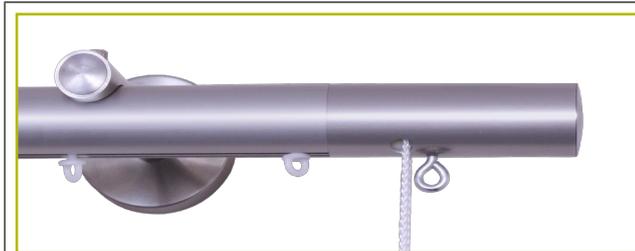
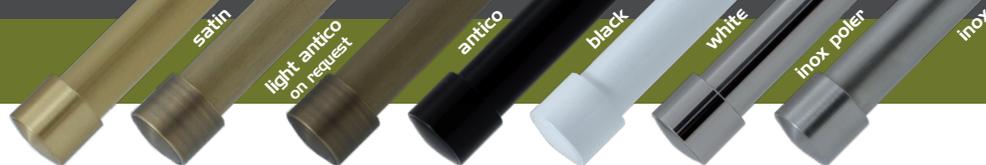
<p>ON REQUEST</p> 	<b>RAIL BENT Ø 30 mm*</b>	
	rail Ø 30 mm	29524 - <b>antico</b> (aluminium)
	Minimum bend radius - 300 cm.	49524 - <b>black matt</b> (aluminium)
	Color may be slightly different from the rest of the details. Price is for rail only. Additional transport costs of bent rails.	69524 - <b>white</b> (aluminium)
		79524 - <b>inox</b> (aluminium)
		89524 - <b>inox</b> (aluminium)
Bends are individually priced according to the provided template or H and C dimensions, if the arc is along the radius of the circle. String or electric system can be mounted in a rail Ø 30 mm.		

<p>ON REQUEST</p> 	<b>POINT BENDING OF ROD *</b>	
	rod Ø 30 mm	
	Additional transport costs of bent rods. <b>On one Techno 30 rod, we perform a maximum of 2 bends.</b>	
	Minimum bend radius - 30 cm. Price of the bending service. Price of rod should be added.	

<p>ON REQUEST</p> 	<b>POINT BENDING OF RAIL *</b>	
	rail Ø 30 mm	
	Additional transport costs of rails bent. <b>On one Techno 30 profile, we perform a maximum of 2 bends.</b>	
	Minimum bend radius - 30 cm. Color may be slightly different from the rest of the details. The price of the bending service only. The price of the rail should be added.	

\* - Details on request. No refunds or exchanges.

H - height of the arc C - arc width

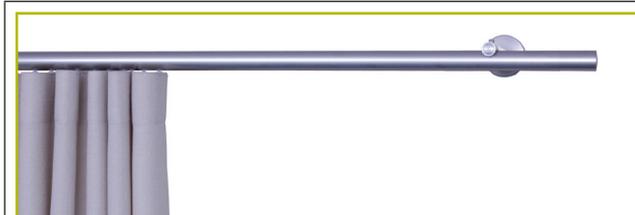


## STRING SYSTEMS

more information in section no. 16

See also:

- String system for **Techno 20** - p. 16.11
- String system for **Techno 30** - p. 16.8
- String system for **ZS** - section 16



## WAVE SYSTEM

more information in section no. 16

### COMPLETE WAVE SYSTEM WITH ROUND SLIDE 60 mm and 80 mm



60	Packed in 25 m.	53651/60
80	Packed in 25 m.	53651/80
60	Packed in 50 m.	53652/60
80	Packed in 50 m.	53652/80
60	Packed in 100 m.	53653/60
80	Packed in 100 m.	53653/80

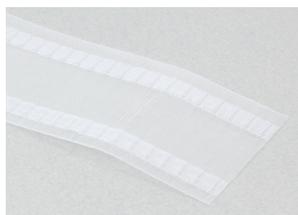
Complex wave systems for sale are packed in 25m (surcharge 10%)

### COMPLETE WAVE SYSTEM WITH H1 SLIDE 60 mm and 80 mm



60	Packed in 25 m.	53654/60
80	Packed in 25 m.	53654/80
60	Packed in 50 m.	53655/60
80	Packed in 50 m.	53655/80
60	Packed in 100 m.	53656/60
80	Packed in 100 m.	53656/80

Complex wave systems packed in 25m are available (no additional fee).



### WAVE SYSTEM TAPE

Packed in 50 m.	53549
Width 78 mm	

Tape with a mark on one edge in a shirring ratio of 1: 2 for 80 mm string, on the other edge in the ratio of 1:2 for a 60 mm string.