

ZIP



# ZIP

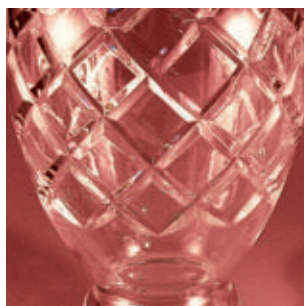
fine crystal

premium quality

lamp-parts & accessories

pinning-material

fast pinning service



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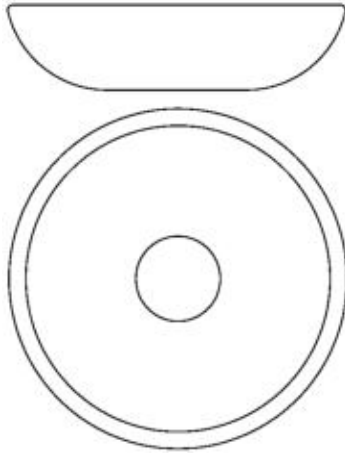
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CRYSTAL

minimum  
quantity

CLEAR

EURO  
pieceBOX  
piecesCARTON  
pieces**BOBECHEs + CENTERPIECES****Z.9856 (lead crystal - machine pressed)**center hole: 24 mm

100x24 mm	■	6	108
100x24 mm - 4 SH	■		
100x24 mm - 5 SH	■		

drilling of extra SH:stud-insertion into SH:

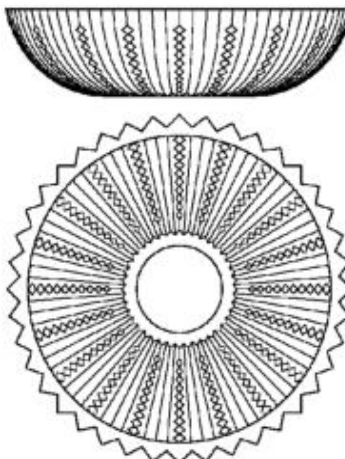
BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

drilling of bigger CH:**Z.9857 (lead crystal - machine pressed)**center hole: 24 mm

100x24 mm	■	6	108
100x24 mm - 3 SH	■		
100x24 mm - 9 SH	■		

drilling of extra SH:stud-insertion into SH:

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

drilling of bigger CH:**Z.9852 (lead crystal - machine pressed)**center hole: 24 mm

100x24 mm	■	6	108
100x24 mm - 4 SH	■		
100x24 mm - 5 SH	■		

drilling of extra SH:stud-insertion into SH:

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

drilling of bigger CH:

CRYSTAL

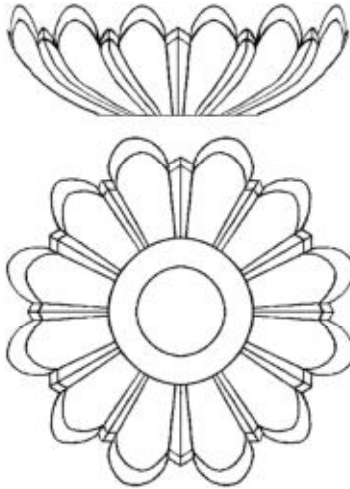
minimum  
quantity

CLEAR

EURO  
piece

BOX  
pieces

CARTON  
pieces



**Z.9858 (lead crystal - machine pressed)**

center hole: 24 mm

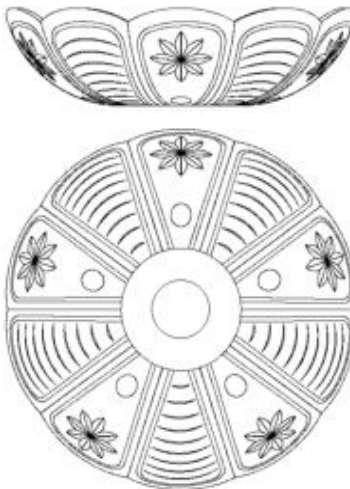
100x26 mm	■	6	108
100x26 mm - 4 SH	■		
100x26 mm - 6 SH	■		

<u>drilling of extra SH :</u>	■		
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stud-insertion into SH :

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

<u>drilling of bigger CH :</u>	■		
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**Z.9859 (lead crystal - machine pressed)**

center hole: 24 mm

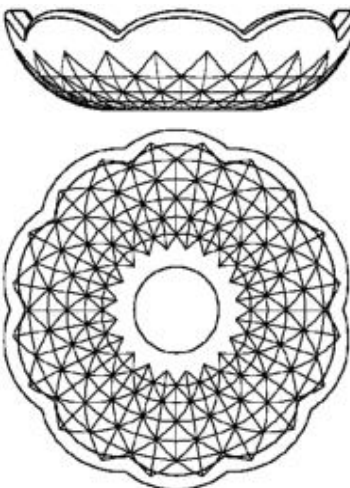
100x35 mm	■	6	108
100x35 mm - 4 SH	■		
100x35 mm - 5 SH	■		

<u>drilling of extra SH :</u>	■		
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stud-insertion into SH :

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

<u>drilling of bigger CH :</u>	■		
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**Z.9853 (lead crystal - machine pressed)**

center hole: 24 mm

100x24 mm	■	6	108
100x24 mm - 4 SH	■		
100x24 mm - 5 SH	■		

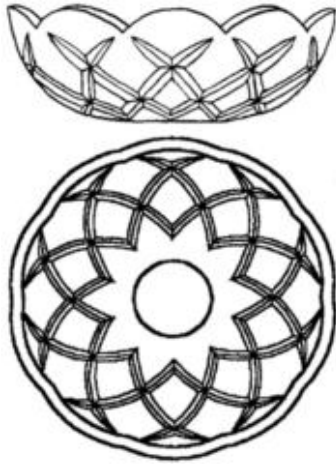
<u>drilling of extra SH :</u>	■		
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stud-insertion into SH :

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

<u>drilling of bigger CH :</u>	■		
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**CRYSTAL**minimum  
quantity**CLEAR**EURO  
pieceBOX  
piecesCARTON  
pieces**Z.9854 (lead crystal - machine pressed)**

center hole: 24 mm

80x20 mm	■	10	240
80x20 mm - 5 SH	■		
100x28 mm	■	6	108
100x28 mm - 5 SH	■		
120x32 mm	■	6	48
120x32 mm - 5 SH	■		
150x40 mm	■	1	32
150x40 mm - 5 SH	■		
200x44 mm	■	1	7
200x44 mm - 7 SH	■		
250x52 mm	■	1	5
250x52 mm - 8 SH	■		
300x64 mm	■	1	5
300x64 mm - 9 SH	■		

drilling of extra SH :

■

stud-insertion into SH :BRASS  
CHROME-PLATED  
GOLD-PLATED

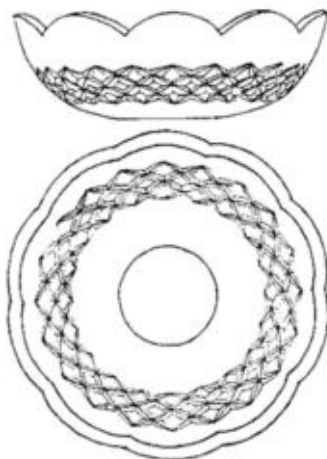
■

■

■

drilling of bigger CH :

■

**Z.9855 (lead crystal - hand cut)**

center hole: 24 mm

80x20 mm	■	10	240
80x20 mm - 5 SH	■		
100x28 mm	■	6	108
100x28 mm - 5 SH	■		
120x32 mm	■	6	48
120x32 mm - 5 SH	■		
150x40 mm	■	1	32
150x40 mm - 5 SH	■		
200x44 mm	■	1	7
200x44 mm - 7 SH	■		
250x52 mm	■	1	5
250x52 mm - 8 SH	■		
300x64 mm	■	1	5
300x64 mm - 9 SH	■		

drilling of extra SH :

■

stud-insertion into SH :BRASS  
CHROME-PLATED  
GOLD-PLATED

■

■

■

drilling of bigger CH :

■

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9330 (lead crystal - hand cut)**

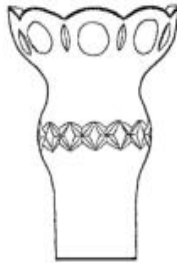
center hole: 24 mm

22x50 mm	■	6	450
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<u>drilling of extra SH :</u>	■		
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<u>stud-insertion into SH :</u>	■		
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BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		



**Z.9340 (lead crystal - hand cut)**

center hole: 24 mm

80x70 mm	■	1	60
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100x76 mm	■	1	48
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<u>drilling of extra SH :</u>	■		
-------------------------------	---	--	--

<u>stud-insertion into SH :</u>	■		
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BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

*80mm-size ..... suitable for 80mm & 100mm bobeches*

*100mm-size ..... suitable for 120mm & 150mm bobeches*



**Z.9344 (lead crystal - hand cut)**

center hole: 35 mm

210x90 mm	■	1	17
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<u>drilling of extra SH :</u>	■		
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<u>stud-insertion into SH :</u>	■		
---------------------------------	---	--	--

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		



**Z.9345 (lead crystal - hand cut)**

center hole: 35 mm

210x90 mm	■	1	17
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<u>drilling of extra SH :</u>	■		
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<u>stud-insertion into SH :</u>	■		
---------------------------------	---	--	--

BRASS	■		
CHROME-PLATED	■		
GOLD-PLATED	■		

CRYSTAL

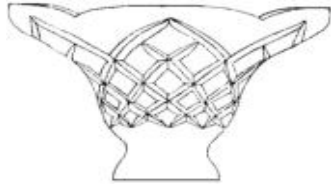
minimum  
quantity

CLEAR

EURO  
piece

BOX  
pieces

CARTON  
pieces



**Z.9350 (lead crystal - hand cut)**

center hole: 24 mm

80x135 mm | ■ | 1 | 16

80x135 mm - 5 SH | ■ | 1 | 16

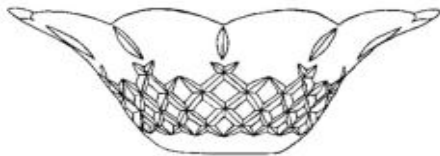
drilling of extra SH : | ■ |

stud-insertion into SH :

BRASS | ■ |

CHROME-PLATED | ■ |

GOLD-PLATED | ■ |



**Z.9351 (lead crystal - hand cut)**

center hole: 24 mm

65x170 mm | ■ | 1 | 20

65x170 mm - 5 SH | ■ | 1 | 20

drilling of extra SH : | ■ |

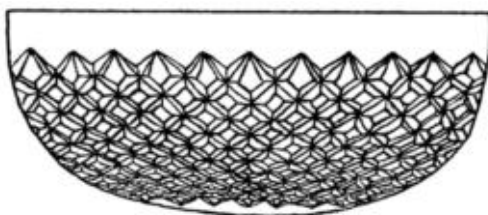
stud-insertion into SH :

BRASS | ■ |

CHROME-PLATED | ■ |

GOLD-PLATED | ■ |

drilling of bigger CH : | ■ |



**Z.9355 (lead crystal - hand cut)**

center hole: 16 mm

100x200 mm | ■ | 1 | 5

110x250 mm | ■ | 1 | 3

120x300 mm | ■ | 1 | 3

drilling of extra SH : | ■ |

stud-insertion into SH :

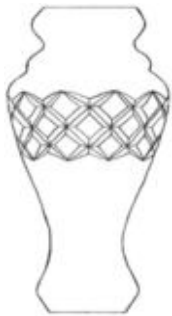
BRASS | ■ |

CHROME-PLATED | ■ |

GOLD-PLATED | ■ |

drilling of bigger CH : | ■ |

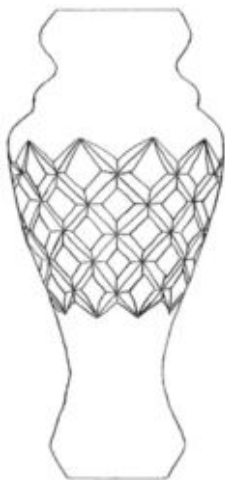
CRYSTAL CLEAR EURO piece	minimum quantity	BOX pieces	CARTON pieces
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**Z.9352 (lead crystal - hand cut)**

center hole: 24 mm

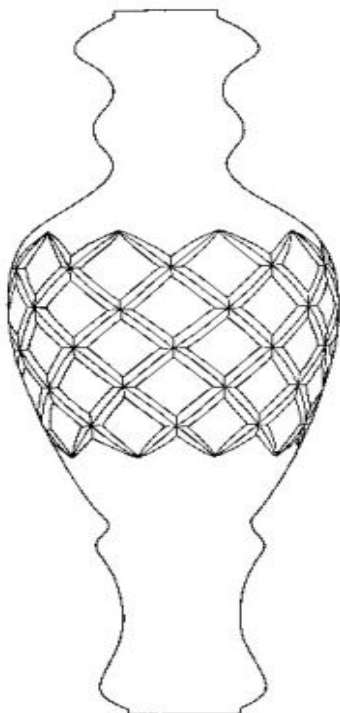
137x60 mm	■	1	32
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**Z.9352 (lead crystal - hand cut)**

center hole: 28 mm

200x75 mm	■	1	32
-----------	---	---	----



**Z.9353 (lead crystal - hand cut)**

center hole: 24 mm

257x95 mm	■	1	6
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CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9361 (lead crystal - hand cut)**

center hole: 16 mm

160x65 mm	■	1	17
-----------	---	---	----

<u>drilling of bigger CH :</u>	■		
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**Z.9361 (lead crystal - hand cut)**

center hole: 16 mm

210x65 mm	■	1	17
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<u>drilling of extra SH :</u>	■		
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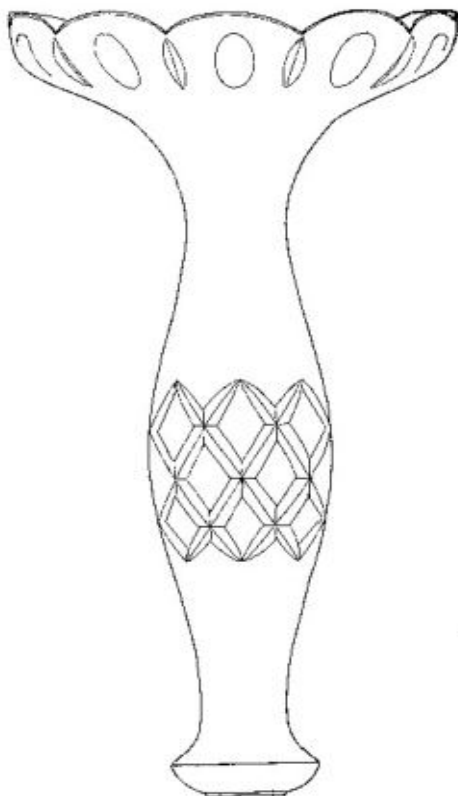
<u>stud-insertion into SH :</u>			
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BRASS	■		
-------	---	--	--

CHROME-PLATED	■		
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GOLD-PLATED	■		
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<u>drilling of bigger CH :</u>	■		
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**Z.9362 (lead crystal - hand cut)**

center hole: 16 mm

275x135 mm	■	1	4
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275x135 mm - 5 SH	■	1	4
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<u>drilling of extra SH :</u>	■		
-------------------------------	---	--	--

<u>stud-insertion into SH :</u>			
---------------------------------	--	--	--

BRASS	■		
-------	---	--	--

CHROME-PLATED	■		
---------------	---	--	--

GOLD-PLATED	■		
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<u>drilling of bigger CH :</u>	■		
--------------------------------	---	--	--

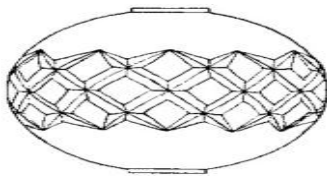
CRYSTAL CLEAR EURO piece	minimum quantity	BOX pieces	CARTON pieces
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**Z.9364 (lead crystal - hand cut)**

center hole: 24 mm

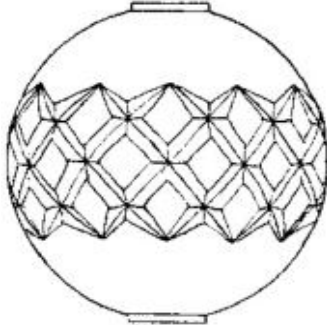
65x60 mm	■	1	80
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**Z.9366 (lead crystal - hand cut)**

center hole: 28 mm

80x45 mm	■	1	72
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**Z.9365 (lead crystal - hand cut)**

center hole: 20 mm

60 mm	■	1	48
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center hole: 26 mm

80 mm	■	1	48
-------	---	---	----

center hole: 26 mm

100 mm	■	1	26
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center hole: 33 mm

125 mm	■	1	8
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center hole: 40 mm

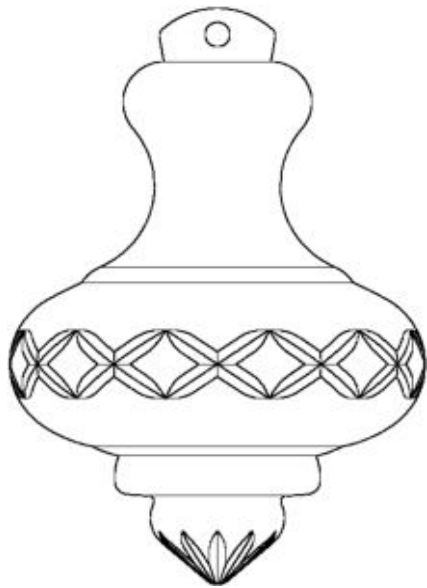
150 mm	■	1	8
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center hole: 40 mm

200 mm	■	1	2
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CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9373 (lead crystal - hand cut)**

hanging hole: 5 mm

100x65 mm	■	1	50
150x100 mm	■	1	18
200x135 mm	■	1	9

		minimum quantity	
EURO piece		BOX pieces	CARTON pieces

## X-PARTS



### **Z.9685 (reduction-ring - brass ... for bobeches & centerpieces)**

diameter (outside): 33 mm

diameter (middle): 23 mm

diameter (inside): 11 mm

BRASS	■	200	2.400
CHROME PLATED	■	200	2.400
GOLD PLATED	■	200	2.400



### **Z.9683 (reduction-ring - plastic ... for bobeches & centerpieces)**

diameter (outside): 41 mm

diameter (middle): 38 mm

diameter (inside): 11 mm

TRANSPARENT	■	200	2.400
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### **Z.9680 (damping-ring - softplastic ... for bobeches & centerpieces)**

diameter (outside): 32 mm

diameter (inside): 23 mm

TRANSPARENT	■	1000	12.000
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### **Z.9688 (bobèche-clip - brass ... for bobeches & centerpieces)**

length: 8 mm

depth: 5 mm

width: 3 mm

BRASS	■	7630	305.200
CHROME PLATED	■	7630	305.200
GOLD PLATED	■	7630	305.200



### **Z.9689 (glueing-button - chandelier crystal ... for arms & bobeches)**

diameter: 10 mm

height: 7 mm

CRYSTAL CLEAR	■	100	4.000
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	EURO piece	minimum quantity	BOX pieces	CARTON pieces
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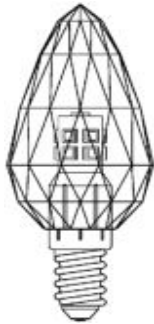
**Z.9650 (LED globe-bulb ... solid crystal ... E14 ... 220V ... non-dimmable)**

65x40 mm 2.5W 220LM 2700K | ■ | 20 240



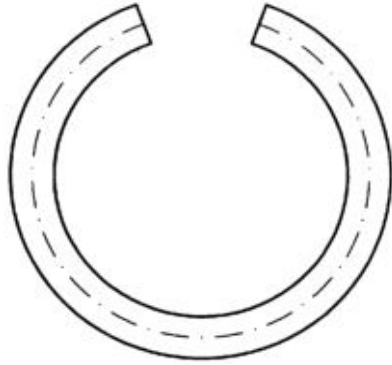
**Z.9658 (LED globe-bulb ... solid crystal ... E27 ... 220V ... non-dimmable)**

80x50 mm 5W 450LM 2700K | ■ | 6 72



**Z.9655 (LED candle-bulb ... solid crystal ... E14 ... 220V ... DIMMABLE)**

95x40 mm 4W 450LM 2700K | ■ | 14 168



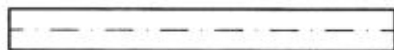
\* diameter 70 - 200 mm ... "full ring"



\* diameter 250 - 300 mm ... "half ring"



\* diameter 350 - 600 mm ... "part ring"



\* "straight"

<b>CRYSTAL</b>	minimum quantity
<b>CLEAR</b>	
<b>EURO piece</b>	<b>CARTON pieces</b>

## ARMS-MT

Z.9860 (chandelier crystal - hand made)

(for decorating Metal Arms in "Maria-Theresa-Chandeliers")

diameter: 17x5 mm

inner diameter:

70 mm	■	200
80 mm	■	200
100 mm	■	200
120 mm	■	200
150 mm	■	200
180 mm	■	100
200 mm	■	100
250 mm	■	100
300 mm	■	100
350 mm	■	100
400 mm	■	100
500 mm	■	100
600 mm	■	100
STRAIGHT / 400mm	■	100

CRYSTAL

minimum  
quantity

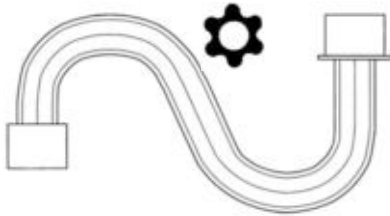
CLEAR

EURO  
piece

BOX  
pieces

CARTON  
pieces

## ARMS



### Z.9862 - fluted (chandelier crystal - machine made)

diameter: 19 mm

caps:

CHROME

GOLD

150 mm ( 6")

Ø 22 mm



6

72

200 mm ( 8")

Ø 22 mm



6

72

250 mm (10")

Ø 22 mm



6

72

diameter: 24 mm

caps:

CHROME

GOLD

300 mm (12")

Ø 28 mm



6

72

400 mm (16")

Ø 28 mm



6

72

diameter: 30 mm

caps:

CHROME

GOLD

500 mm (20")

Ø 35 mm



6

72

600 mm (24")

Ø 35 mm



6

72

700 mm (28")

Ø 35 mm



6

72

800 mm (32")

Ø 35 mm



6

72



### Z.9863 - twisted (chandelier crystal - machine made)

diameter: 19 mm

caps:

CHROME

GOLD

150 mm ( 6")

Ø 22 mm



6

72

200 mm ( 8")

Ø 22 mm



6

72

250 mm (10")

Ø 22 mm



6

72

diameter: 24 mm

caps:

CHROME

GOLD

300 mm (12")

Ø 28 mm



6

72

400 mm (16")

Ø 28 mm



6

72

diameter: 30 mm

caps:

CHROME

GOLD

500 mm (20")

Ø 35 mm



6

72

600 mm (24")

Ø 35 mm



6

72

700 mm (28")

Ø 35 mm



6

72

800 mm (32")

Ø 35 mm



6

72



height x width

CRYSTAL

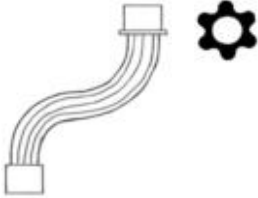
minimum  
quantity

CLEAR

EURO  
piece

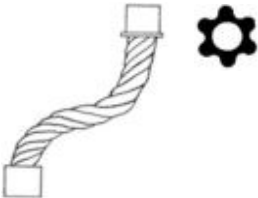
BOX  
pieces

CARTON  
pieces



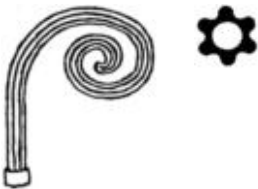
**Z.9868 - fluted (chandelier crystal - machine made)**

diameter: 19 mm	caps:	CHROME	GOLD		
200x140 mm ( 8")	Ø 22 mm	■	■	6	72



**Z.9869 - twisted (chandelier crystal - machine made)**

diameter: 19 mm	caps:	CHROME	GOLD		
200x140 mm ( 8")	Ø 22 mm	■	■	6	72



**Z.9870 - fluted (chandelier crystal - machine made)**

diameter: 19 mm	cap:	CHROME	GOLD		
150x140 mm ( 6")	Ø 22 mm	■	■	6	72
200x140 mm ( 8")	Ø 22 mm	■	■	6	72



**Z.9871 - twisted (chandelier crystal - machine made)**

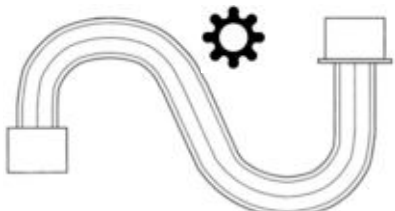
diameter: 19 mm	cap:	CHROME	GOLD		
150x140 mm ( 6")	Ø 22 mm	■	■	6	72
200x140 mm ( 8")	Ø 22 mm	■	■	6	72

CRYSTAL	CRYSTAL	minimum quantity	
CLEAR	CLEAR		
EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9881 - smooth (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
125 mm ( 5")	Ø 22 mm	■	■	6	72
150 mm ( 6")	Ø 22 mm	■	■	6	72
180 mm ( 7")	Ø 22 mm	■	■	6	72
200 mm ( 8")	Ø 22 mm	■	■	6	72
250 mm (10")	Ø 22 mm	■	■	6	72
300 mm (12")	Ø 22 mm	■	■	6	72
350 mm (14")	Ø 22 mm	■	■	6	72
400 mm (16")	Ø 22 mm	■	■	6	72
450 mm (18")	Ø 22 mm	■	■	6	72
500 mm (20")	Ø 22 mm	■	■	6	72
<b>diameter: 25 mm</b>					
caps :					
300 mm (12")	Ø 30 mm	■	■	6	72
350 mm (14")	Ø 30 mm	■	■	6	72
400 mm (16")	Ø 30 mm	■	■	6	72
450 mm (18")	Ø 30 mm	■	■	6	72
500 mm (20")	Ø 30 mm	■	■	6	72
550 mm (22")	Ø 30 mm	■	■	6	72
600 mm (24")	Ø 30 mm	■	■	6	72
<b>diameter: 30 mm</b>					
caps :					
650 mm (26")	Ø 35 mm	■	■	6	72
700 mm (28")	Ø 35 mm	■	■	6	72
800 mm (32")	Ø 35 mm	■	■	6	72



**Z.9882 - fluted (chandelier crystal - hand made)**

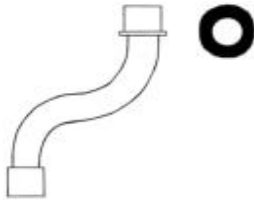
diameter: 19 mm	caps :	CHROME	GOLD		
125 mm ( 5")	Ø 22 mm	■	■	6	72
150 mm ( 6")	Ø 22 mm	■	■	6	72
180 mm ( 7")	Ø 22 mm	■	■	6	72
200 mm ( 8")	Ø 22 mm	■	■	6	72
250 mm (10")	Ø 22 mm	■	■	6	72
300 mm (12")	Ø 22 mm	■	■	6	72
350 mm (14")	Ø 22 mm	■	■	6	72
400 mm (16")	Ø 22 mm	■	■	6	72
450 mm (18")	Ø 22 mm	■	■	6	72
500 mm (20")	Ø 22 mm	■	■	6	72
<b>diameter: 25 mm</b>					
caps :					
300 mm (12")	Ø 30 mm	■	■	6	72
350 mm (14")	Ø 30 mm	■	■	6	72
400 mm (16")	Ø 30 mm	■	■	6	72
450 mm (18")	Ø 30 mm	■	■	6	72
500 mm (20")	Ø 30 mm	■	■	6	72
550 mm (22")	Ø 30 mm	■	■	6	72
600 mm (24")	Ø 30 mm	■	■	6	72
<b>diameter: 30 mm</b>					
caps :					
650 mm (26")	Ø 35 mm	■	■	6	72
700 mm (28")	Ø 35 mm	■	■	6	72
800 mm (32")	Ø 35 mm	■	■	6	72



**Z.9883 - twisted (chandelier crystal - hand made)**

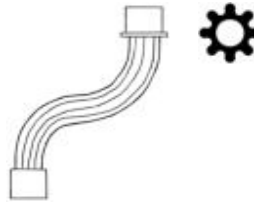
diameter: 19 mm	caps :	CHROME	GOLD		
125 mm ( 5")	Ø 22 mm	■	■	6	72
150 mm ( 6")	Ø 22 mm	■	■	6	72
180 mm ( 7")	Ø 22 mm	■	■	6	72
200 mm ( 8")	Ø 22 mm	■	■	6	72
250 mm (10")	Ø 22 mm	■	■	6	72
300 mm (12")	Ø 22 mm	■	■	6	72
350 mm (14")	Ø 22 mm	■	■	6	72
400 mm (16")	Ø 22 mm	■	■	6	72
450 mm (18")	Ø 22 mm	■	■	6	72
500 mm (20")	Ø 22 mm	■	■	6	72
<b>diameter: 25 mm</b>					
caps :					
300 mm (12")	Ø 30 mm	■	■	6	72
350 mm (14")	Ø 30 mm	■	■	6	72
400 mm (16")	Ø 30 mm	■	■	6	72
450 mm (18")	Ø 30 mm	■	■	6	72
500 mm (20")	Ø 30 mm	■	■	6	72
550 mm (22")	Ø 30 mm	■	■	6	72
600 mm (24")	Ø 30 mm	■	■	6	72
<b>diameter: 30 mm</b>					
caps :					
650 mm (26")	Ø 35 mm	■	■	6	72
700 mm (28")	Ø 35 mm	■	■	6	72
800 mm (32")	Ø 35 mm	■	■	6	72

height x width	CRYSTAL	CRYSTAL	minimum quantity	CARTON pieces
	CLEAR	CLEAR		
	EURO piece	EURO piece	BOX pieces	



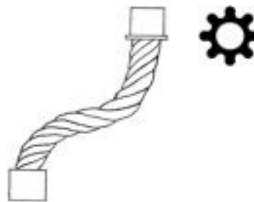
**Z.9884 - smooth (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x180 mm (10")	Ø 22 mm	■	■	6	72



**Z.9885 - fluted (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x180 mm (10")	Ø 22 mm	■	■	6	72



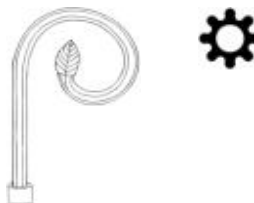
**Z.9886 - twisted (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x180 mm (10")	Ø 22 mm	■	■	6	72



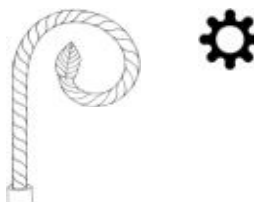
**Z.9887 - smooth (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x150 mm (10")	Ø 22 mm	■	■	6	72



**Z.9888 - fluted (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x150 mm (10")	Ø 22 mm	■	■	6	72



**Z.9889 - twisted (chandelier crystal - hand made)**

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm ( 6")	Ø 22 mm	■	■	6	72
200x150 mm ( 8")	Ø 22 mm	■	■	6	72
250x150 mm (10")	Ø 22 mm	■	■	6	72

**COLOR ... BLACK, WHITE, etc. ... +25%**  
 minimum quantity ... 36 pieces per article/size/color

	EURO piece	minimum quantity	CARTON pieces
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# RINGS



**Z.9670 (brass - machine made)**

diameter: 1 mm ... rectangular shape

inner diameter: 30 mm

CHROME PLATED  
GOLD PLATED

■	200	2.400
■	200	2.400

inner diameter: 35 mm

CHROME PLATED  
GOLD PLATED

■	200	2.400
■	200	2.400



**Z.9672 (plastic - machine made)**

diameter: 5 mm ... round shape

inner diameter: 38 mm

TRANSPARENT

■	200	2.400
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**Z.9674 (chandelier crystal - hand made)**

diameter: 5 mm ... round shape

inner diameter: 32 mm

CRYSTAL CLEAR

■	80	960
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**Z.9675 (chandelier crystal - hand made)**

diameter: 5 mm ... triangular shape

inner diameter: 30 mm

CRYSTAL CLEAR

wire:

CHROME

■	200	2.400
---	-----	-------

inner diameter: 35 mm

CRYSTAL CLEAR

wire:

CHROME

■	150	1.800
---	-----	-------

inner diameter: 45 mm

CRYSTAL CLEAR

wire:

CHROME

■	100	1.200
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	EURO piece	minimum quantity BOX pieces	CARTON pieces
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**Z.9676 (optic crystal - machine cut)**

diameter: 9 mm ... faceted shape (full-cut)

inner diameter: 32 mm

CRYSTAL CLEAR

■	72	864
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inner diameter: 44 mm

CRYSTAL CLEAR

■	60	720
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**Z.9677 (chandelier crystal - machine cut)**

diameter: 6 mm ... faceted shape (full-cut) ... 20 pieces 6mm-beads

inner diameter: 30 mm

CRYSTAL CLEAR

■	100	1.200
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diameter: 8 mm ... faceted shape (full-cut) ... 18 pieces 8mm-beads

inner diameter: 35 mm

CRYSTAL CLEAR

■	80	960
---	----	-----

diameter: 10 mm ... faceted shape (full-cut) ... 16 pieces 10mm-beads

inner diameter: 40 mm

CRYSTAL CLEAR

■	60	720
---	----	-----

diameter: 12 mm ... faceted shape (full-cut) ... 15 pieces 12mm-beads

inner diameter: 45 mm

CRYSTAL CLEAR

■	40	480
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		minimum quantity	
EURO piece	EURO piece	BOX pieces	CARTON pieces

## SLEEVES



### Z.9660 (white chandelier crystal - machine made)

	Ø	Ø		
<u>diameter (outside):</u>	28 mm	32 mm		
<u>diameter (inside):</u>	25 mm	29 mm		
50 mm	■	■	40	480
55 mm	■	■	40	480
60 mm	■	■	40	480
65 mm	■	■	40	480
70 mm	■	■	36	432
75 mm	■	■	36	432
80 mm	■	■	32	384
85 mm	■	■	32	384
90 mm	■	■	26	312
95 mm	■	■	26	312
100 mm	■	■	26	312
110 mm	■	■	20	240
120 mm	■	■	20	240
130 mm	■	■	20	240
140 mm	■	■	16	192
150 mm	■	■	16	192
160 mm	■	■	16	192
170 mm	■	■	10	120
180 mm	■	■	10	120
190 mm	■	■	8	96
200 mm	■	■	8	96
210 mm	■	■	8	96
220 mm	■	■	8	96
230 mm	■	■	8	96
240 mm	■	■	8	96
250 mm ... maximum length	■	■	8	96
+ bespoke lengths	on request			



### Z.9663 (brass - machine made)

<u>diameter (outside): 26 mm</u>				
<u>diameter (inside): 24 mm</u>				
100 mm BRASS	■		26	312
100 mm CHROME PLATED	■		26	312
100 mm GOLD PLATED	■		26	312
+ bespoke lengths	on request			



	EURO piece	minimum quantity	CARTON pieces
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**Z.9666 (plastic - machine made)**

diameter (outside): 26 mm

diameter (inside): 24 mm

(for self-cutting)

1200 mm	WHITE	■	10	600
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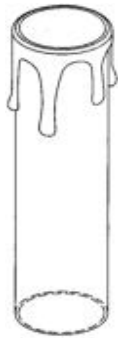


**Z.9667 (plastic - machine made)**

diameter (outside): 26 mm

diameter (inside): 24 mm

65 mm	WHITE	■	50	600
65 mm	IVORY	■	50	600
65 mm	BROWN	■	50	600
85 mm	WHITE	■	40	480
85 mm	IVORY	■	40	480
85 mm	BROWN	■	40	480
100 mm	WHITE	■	32	384
100 mm	IVORY	■	32	384
100 mm	BROWN	■	32	384



**Z.9668 (plastic - machine made)**

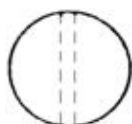
diameter (outside): 26 mm

diameter (inside): 24 mm

65 mm	WHITE	■	40	480
65 mm	IVORY	■	40	480
65 mm	BROWN	■	40	480
65 mm	BROWN-antique	■	40	480
85 mm	WHITE	■	32	384
85 mm	IVORY	■	32	384
85 mm	BROWN	■	32	384
85 mm	BROWN-antique	■	32	384
100 mm	WHITE	■	26	312
100 mm	IVORY	■	26	312
100 mm	BROWN	■	26	312
100 mm	BROWN-antique	■	26	312

CRYSTAL	CRYSTAL <u>coated</u>	COLOR	COLOR <u>coated</u>	minimum quantity	
CLEAR	AB AFLAME AMBER ANTIQUÉ GOLD SILVER	ALEXANDRITE AMETHYST AQUAMARINE EMERALD JET ROSA LIN RUBY SAPPHIRE SMOKE TOPAZ	AB AFLAME AMBER ANTIQUÉ GOLD SILVER		
	BB BW OG OS VL VM		BB BW OG OS VL VM		
EURO piece	EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces

## BEADS



### Z.9298 (chandelier crystal - machine made)

4 mm	■	■		16.000	192.000
6 mm	■	■		12.000	144.000
8 mm	■	■		6.000	72.000
10 mm	■	■		3.000	36.000
12 mm	■	■		2.000	24.000
14 mm	■	■		1.200	14.400
16 mm	■	■		400	4.800
18 mm	■	■		320	3.840
20 mm	■	■		320	3.840
25 mm	■	■		150	1.800
30 mm	■	■		48	576
40 mm	■	■		40	480



### Z.9281 (chandelier crystal - machine made)

2,0 mm	■	■		2.125	25.500
2,0 mm CHROME	■			2.125	25.500
2,0 mm GOLD	■			2.125	25.500
2,3 mm	■	■		1.700	20.400
2,3 mm CHROME	■			1.700	20.400
2,3 mm GOLD	■			1.700	20.400
2,6 mm	■	■		1.133	13.596
2,6 mm CHROME	■			1.133	13.596
2,6 mm GOLD	■			1.133	13.596
3,1 mm	■	■		708	8.496
3,1 mm CHROME	■			708	8.496
3,1 mm GOLD	■			708	8.496
3,5 mm	■	■		395	4.740
3,5 mm CHROME	■			395	4.740
3,5 mm GOLD	■			395	4.740
4,0 mm	■	■		270	3.240
4,0 mm CHROME	■			270	3.240
4,0 mm GOLD	■			270	3.240



### Z.9299 (chandelier crystal - machine made)

9x20 mm	■	■		320	3.840
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### Z.9271 (chandelier crystal - machine made)

16x9 mm	■	■		2.000	24.000
18x11 mm	■	■		1.500	18.000
20x13 mm	■	■		900	10.800
24x15 mm	■	■		120	1.440

CRYSTAL	CRYSTAL <u>coated</u>	COLOR	COLOR <u>coated</u>	minimum quantity	
CLEAR	AB AFLAME AMBER ANTIQUÉ GOLD SILVER	ALEXANDRITE AMETHYST AQUAMARINE EMERALD JET ROSA LIN RUBY SAPPHIRE SMOKE TOPAZ	AB AFLAME AMBER ANTIQUÉ GOLD SILVER		
	BB BW OG OS VL VM		BB BW OG OS VL VM		
EURO piece	EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9295 (chandelier crystal - machine cut)**

4 mm	■	■			16.000	192.000
6 mm	■	■			12.000	144.000
8 mm	■	■	■	■	6.000	72.000
10 mm	■	■			3.000	36.000
12 mm	■	■			2.000	24.000
14 mm	■	■			1.200	14.400
16 mm	■	■			400	4.800
18 mm	■	■			320	3.840
20 mm	■	■			320	3.840
25 mm	■	■			150	1.800
30 mm	■	■			48	576
40 mm	■	■			40	480

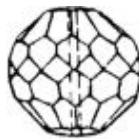


6-30mm  
4 rows of facets  
  
32-40mm  
5 rows of facets

**Z.9294 (chandelier crystal - machine cut) \***

6 mm	■	■	■	■	1.680	20.160
8 mm	■	■	■	■	1.540	18.480
10 mm	■	■	■	■	1.260	15.120
12 mm	■	■	■	■	1.120	13.440
14 mm	■	■	■	■	980	11.760
16 mm	■	■	■	■	300	3.600
18 mm	■	■	■	■	300	3.600
20 mm	■	■	■	■	120	1.440
22 mm	■	■	■	■	120	1.440
24 mm	■	■	■	■	120	1.440
26 mm	■	■	■	■	72	864
28 mm	■	■	■	■	72	864
<u>30 mm</u>	■	■	■	■	72	864
32 mm	■	■	■	■	40	480
34 mm	■	■	■	■	40	480
36 mm	■	■	■	■	34	408
38 mm	■	■	■	■	34	408
40 mm	■	■	■	■	34	408

\* minimum-quantity COLOR ... 6 boxes ... per size & per COLOR



**Z.9291 (chandelier crystal - machine cut) \***

4 mm	■	■	■	■	14.400	172.800
5 mm	■	■	■	■	14.400	172.800
6 mm	■	■	■	■	12.000	144.000
7 mm	■	■	■	■	9.000	108.000
8 mm	■	■	■	■	6.000	72.000
9 mm	■	■	■	■	4.000	48.000
10 mm	■	■	■	■	3.000	36.000
12 mm	■	■	■	■	2.000	24.000
14 mm	■	■	■	■	1.200	14.400
16 mm	■	■	■	■	400	4.800
18 mm	■	■	■	■	320	3.840
20 mm	■	■	■	■	320	3.840

\* minimum-quantity COLOR ... 6 boxes ... per size & per COLOR



**Z.9290 (chandelier crystal - machine cut)**

20 mm	■	■			144	1.728
25 mm	■	■			48	576
30 mm	■	■			48	576
40 mm	■	■			40	480
50 mm	■	■			12	144

CRYSTAL	CRYSTAL <u>coated</u>	COLOR	COLOR <u>coated</u>	minimum quantity	
CLEAR	AB AFLAME AMBER ANTIQUÉ GOLD SILVER	ALEXANDRITE AMETHYST AQUAMARINE EMERALD JET ROSA LIN RUBY SAPPHIRE SMOKE TOPAZ	AB AFLAME AMBER ANTIQUÉ GOLD SILVER		
	BB BW OG OS VL VM		BB BW OG OS VL VM		
EURO piece	EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9240 (chandelier crystal - machine cut)**

4 mm	■	■		16.000	192.000
6 mm	■	■		12.000	144.000
8 mm	■	■		6.000	72.000
10 mm	■	■		3.000	36.000
12 mm	■	■		2.000	24.000
14 mm	■	■		1.200	14.400



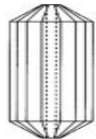
**Z.9242 (chandelier crystal - machine cut)**

30x12 mm	■	■		180	2.160
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**Z.9250 (chandelier crystal - machine cut)**

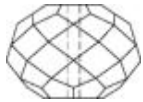
7x14 mm	■	■		1.800	21.600
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**Z.9251 (chandelier crystal - machine cut)**

32x22 mm	■	■		96	1.152
50x22 mm	■	■		48	576
63x22 mm	■	■		48	576
76x22 mm	■	■		20	240
89x22 mm	■	■		20	240
100x22 mm	■	■		15	180
125x22 mm	■	■		15	180
150x22 mm	■	■		10	120
175x22 mm	■	■		10	120
200x22 mm	■	■		10	120

CRYSTAL	CRYSTAL <u>coated</u>	COLOR	COLOR <u>coated</u>	minimum quantity	
CLEAR	AB AFLAME AMBER ANTIQUÉ GOLD SILVER	ALEXANDRITE AMETHYST AQUAMARINE EMERALD JET ROSA LIN RUBY SAPPHIRE SMOKE TOPAZ	AB AFLAME AMBER ANTIQUÉ GOLD SILVER		
	BB BW OG OS VL VM		BB BW OG OS VL VM		
EURO piece	EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9260 (chandelier crystal - machine cut)**

4 mm	■	■		16.000	192.000
6 mm	■	■		12.000	144.000
8 mm	■	■		6.000	72.000
10 mm	■	■		3.000	36.000
12 mm	■	■		2.000	24.000
14 mm	■	■		1.200	14.400



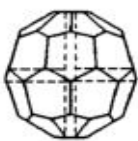
**Z.9261 (chandelier crystal - machine cut)**

16x9 mm	■	■		2.000	24.000
18x11 mm	■	■		1.500	18.000
20x13 mm	■	■		900	10.800



**Z.9297 (chandelier crystal - machine pressed ... antique appearance)**

4 mm	■	■		16.000	192.000
5 mm	■	■		14.000	168.000
6 mm	■	■		12.000	144.000
7 mm	■	■		4.000	48.000
8 mm	■	■		2.000	24.000
9 mm	■	■		2.000	24.000
10 mm	■	■		1.500	18.000
12 mm	■	■		1.500	18.000
14 mm	■	■		1.200	14.400
16 mm	■	■		400	4.800
18 mm	■	■		320	3.840
20 mm	■	■		320	3.840



**Z.9244 (chandelier crystal - machine cut ... crisscross hole)**

10 mm	■	■		3.000	36.000
20 mm	■	■		320	3.840

EURO  
pieceEURO  
pieceEURO  
pieceEURO  
pieceEURO  
piece

## DROPS & FRUITS & LEAVES



### Z.9402 (chandelier crystal)

40 mm

BOX pieces 20  
CARTON pieces 240

CRYSTAL CLEAR	■
CRYSTAL AB	■
CRYSTAL AFLAME	■
CRYSTAL AMBER	■
CRYSTAL ANTIQUE	■
CRYSTAL GOLD	■
CRYSTAL SILVER	■
ALEXANDRITE	■
AMETHYST	■
AQUAMARINE	■
EMERALD	■
JET	■
ROSALIN	■
RUBY	■
SAPPHIRE	■
SMOKE	■
TOPAZ	■



### Z.9403 (chandelier crystal)

20 mm

25 mm

30 mm

35 mm

40 mm

BOX pieces 50 50 50 20 20  
CARTON pieces 600 600 600 240 240

CRYSTAL CLEAR	■	■	■	■	■
CRYSTAL AB	■	■	■	■	■
CRYSTAL AFLAME	■	■	■	■	■
CRYSTAL AMBER	■	■	■	■	■
CRYSTAL ANTIQUE	■	■	■	■	■
CRYSTAL GOLD	■	■	■	■	■
CRYSTAL SILVER	■	■	■	■	■
ALEXANDRITE	■	■	■	■	■
AMETHYST	■	■	■	■	■
AQUAMARINE	■	■	■	■	■
EMERALD	■	■	■	■	■
JET	■	■	■	■	■
ROSALIN	■	■	■	■	■
RUBY	■	■	■	■	■
SAPPHIRE	■	■	■	■	■
SMOKE	■	■	■	■	■
TOPAZ	■	■	■	■	■

50 mm

60 mm

BOX pieces 10 10  
CARTON pieces 120 120

CRYSTAL CLEAR	■	■
CRYSTAL AB	■	■
CRYSTAL AFLAME	■	■
CRYSTAL AMBER	■	■
CRYSTAL ANTIQUE	■	■
CRYSTAL GOLD	■	■
CRYSTAL SILVER	■	■
ALEXANDRITE	■	■
AMETHYST	■	■
AQUAMARINE	■	■
EMERALD	■	■
JET	■	■
ROSALIN	■	■
RUBY	■	■
SAPPHIRE	■	■
SMOKE	■	■
TOPAZ	■	■

EURO  
pieceEURO  
pieceEURO  
pieceEURO  
piece**Z.9400 (chandelier cryst.)****14x9 mm****20x14 mm****25x16 mm****29x18 mm**

BOX pieces

3.000

600

500

400

CARTON pieces

36.000

7.200

6.000

4.800

CRYSTAL CLEAR  
 CRYSTAL AB  
 CRYSTAL AFLAME  
 CRYSTAL AMBER  
 CRYSTAL ANTIQUE  
 CRYSTAL GOLD  
 CRYSTAL SILVER  
 ALEXANDRITE  
 AMETHYST  
 AQUAMARINE  
 EMERALD  
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**Z.9405 (chandelier cryst.)****50x25 mm****75x38 mm****100x50 mm**

BOX pieces

54

16

5

CARTON pieces

648

192

60

CRYSTAL CLEAR  
 CRYSTAL AB  
 CRYSTAL AFLAME  
 CRYSTAL AMBER  
 CRYSTAL ANTIQUE  
 CRYSTAL GOLD  
 CRYSTAL SILVER  
 ALEXANDRITE  
 AMETHYST  
 AQUAMARINE  
 EMERALD  
 JET  
 ROSALIN  
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 SAPPHIRE  
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**Z.9406 (chandelier cryst.)****35x30 mm****45x40 mm**

BOX pieces

40

20

CARTON pieces

480

240

CRYSTAL CLEAR  
 CRYSTAL AB  
 CRYSTAL AFLAME  
 CRYSTAL AMBER  
 CRYSTAL ANTIQUE  
 CRYSTAL GOLD  
 CRYSTAL SILVER

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EURO piece	EURO piece	EURO piece	EURO piece	EURO piece
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<b>Z.9420 (chandelier crystal)</b>	<b>50x20 mm</b>	<b>75x24 mm</b>	<b>100x28 mm</b>	<b>125x30 mm</b>	<b>150x32 mm</b>
<b>BOX pieces</b>	108	72	30	24	12
<b>CARTON pieces</b>	1.296	864	360	288	144
CRYSTAL CLEAR	■	■	■	■	■
CRYSTAL AB	■	■	■	■	■
CRYSTAL AFLAME	■	■	■	■	■
CRYSTAL AMBER	■	■	■	■	■
CRYSTAL ANTIQUE	■	■	■	■	■
CRYSTAL GOLD	■	■	■	■	■
CRYSTAL SILVER	■	■	■	■	■
ALEXANDRITE	■	■	■	■	■
AMETHYST	■	■	■	■	■
AQUAMARINE	■	■	■	■	■
EMERALD	■	■	■	■	■
JET	■	■	■	■	■
RODALIN	■	■	■	■	■
RUBY	■	■	■	■	■
SAPPHIRE	■	■	■	■	■
SMOKE	■	■	■	■	■
TOPAZ	■	■	■	■	■



<b>Z.9430 (chandelier crystal)</b>	<b>100x50 mm</b>	<b>200x50 mm</b>	<b>300x50 mm</b>	<b>400x50 mm</b>	<b>500x50 mm</b>
<b>BOX pieces</b>	6	6	10	10	10
<b>CARTON pieces</b>	72	72	50	50	50
CRYSTAL CLEAR	■	■	■	■	■
CRYSTAL AB	■	■	■	■	■
CRYSTAL AFLAME	■	■	■	■	■
CRYSTAL AMBER	■	■	■	■	■
CRYSTAL ANTIQUE	■	■	■	■	■
CRYSTAL GOLD	■	■	■	■	■
CRYSTAL SILVER	■	■	■	■	■
ALEXANDRITE	■	■	■	■	■
AMETHYST	■	■	■	■	■
AQUAMARINE	■	■	■	■	■
EMERALD	■	■	■	■	■
JET	■	■	■	■	■
RODALIN	■	■	■	■	■
RUBY	■	■	■	■	■
SAPPHIRE	■	■	■	■	■
SMOKE	■	■	■	■	■
TOPAZ	■	■	■	■	■



EURO piece	EURO piece	EURO piece	EURO piece	EURO piece
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**Z.9410 (chandelier crystal)**      **55x13 mm**      **75x16 mm**      **100x19 mm**      **125x22 mm**      **160x22 mm**

BOX pieces	400	200	54	30	30
CARTON pieces	4.800	2.400	648	360	360

CRYSTAL CLEAR	■	■	■	■	■
CRYSTAL AB	■	■	■	■	■
CRYSTAL AFLAME	■	■	■	■	■
CRYSTAL AMBER	■	■	■	■	■
CRYSTAL ANTIQUE	■	■	■	■	■
CRYSTAL GOLD	■	■	■	■	■
CRYSTAL SILVER	■	■	■	■	■
ALEXANDRITE	■	■	■	■	■
AMETHYST	■	■	■	■	■
AQUAMARINE	■	■	■	■	■
EMERALD	■	■	■	■	■
JET	■	■	■	■	■
RODALIN	■	■	■	■	■
RUBY	■	■	■	■	■
SAPPHIRE	■	■	■	■	■
SMOKE	■	■	■	■	■
TOPAZ	■	■	■	■	■

**200x24 mm**      **250x26 mm**

BOX pieces	20	20
CARTON pieces	240	240

CRYSTAL CLEAR	■	■
CRYSTAL AB	■	■
CRYSTAL AFLAME	■	■
CRYSTAL AMBER	■	■
CRYSTAL ANTIQUE	■	■
CRYSTAL GOLD	■	■
CRYSTAL SILVER	■	■
ALEXANDRITE	■	■
AMETHYST	■	■
AQUAMARINE	■	■
EMERALD	■	■
JET	■	■
RODALIN	■	■
RUBY	■	■
SAPPHIRE	■	■
SMOKE	■	■
TOPAZ	■	■



**Z.9433 (chandelier crystal)**      **160x15 mm**

BOX pieces	32
CARTON pieces	384

CRYSTAL CLEAR	■
CRYSTAL AB	■
CRYSTAL AFLAME	■
CRYSTAL AMBER	■
CRYSTAL ANTIQUE	■
CRYSTAL GOLD	■
CRYSTAL SILVER	■

**Z.9440 - apple (chandelier crystal)**

		EURO piece	minimum quantity BOX pieces	CARTON pieces
35 mm	CRYSTAL CLEAR	■	30	360
35 mm	CRYSTAL FROSTED	■	30	360
35 mm	EMERALD	■	30	360
35 mm	RUBY	■	30	360

**Z.9441 - pear (chandelier crystal)**

50 mm	CRYSTAL CLEAR	■	30	360
50 mm	CRYSTAL FROSTED	■	30	360
50 mm	EMERALD	■	30	360
50 mm	TOPAZ	■	30	360

**Z.9442 - apricot (chandelier crystal)**

35 mm	CRYSTAL CLEAR	■	30	360
35 mm	CRYSTAL FROSTED	■	30	360
35 mm	EMERALD	■	30	360
35 mm	TOPAZ	■	30	360

**Z.9443 - plum (chandelier crystal)**

38 mm	CRYSTAL CLEAR	■	30	360
38 mm	CRYSTAL FROSTED	■	30	360
38 mm	EMERALD	■	30	360
38 mm	AMETHYST	■	30	360

**Z.9444 - cherry (chandelier crystal)**

24 mm	CRYSTAL CLEAR	■	30	360
24 mm	CRYSTAL FROSTED	■	30	360
24 mm	EMERALD	■	30	360
24 mm	RUBY	■	30	360

**Z.9445 - nut (chandelier crystal)**

32 mm	CRYSTAL CLEAR	■	30	360
32 mm	CRYSTAL FROSTED	■	30	360
32 mm	EMERALD	■	30	360
32 mm	TOPAZ	■	30	360

**Z.9446 - strawberry (chandelier crystal)**

23 mm	CRYSTAL CLEAR	■	30	360
23 mm	CRYSTAL FROSTED	■	30	360
23 mm	EMERALD	■	30	360
23 mm	RUBY	■	30	360

**Z.9447 - raspberry (chandelier crystal)**

19 mm	CRYSTAL CLEAR	■	30	360
19 mm	CRYSTAL FROSTED	■	30	360
19 mm	EMERALD	■	30	360
19 mm	RUBY	■	30	360

		minimum quantity	
	EURO piece	BOX pieces	CARTON pieces



**Z.9448 - grape (chandelier crystal)**

40x40 mm	CRYSTAL CLEAR	■	25	300
40x40 mm	CRYSTAL FROSTED	■	25	300
40x40 mm	EMERALD	■	25	300
60x40 mm	CRYSTAL CLEAR	■	25	300
60x40 mm	CRYSTAL FROSTED	■	25	300
60x40 mm	EMERALD	■	25	300
60x40 mm	AMETHYST	■	25	300
80x40 mm	CRYSTAL CLEAR	■	25	300
80x40 mm	CRYSTAL FROSTED	■	25	300
80x40 mm	EMERALD	■	25	300
80x40 mm	AMETHYST	■	25	300



**Z.9436 - leave (chandelier crystal)**

22x19 mm	CRYSTAL CLEAR	■	100	1.200
22x19 mm	CRYSTAL FROSTED	■	100	1.200
22x19 mm	EMERALD	■	100	1.200
22x19 mm	TOPAZ	■	100	1.200
36x30 mm	EMERALD	■	100	1.200



**Z.9435 - leave (chandelier crystal)**

33x21 mm	CRYSTAL CLEAR	■	100	1.200
33x21 mm	CRYSTAL FROSTED	■	100	1.200
33x21 mm	EMERALD	■	100	1.200
33x21 mm	TOPAZ	■	100	1.200

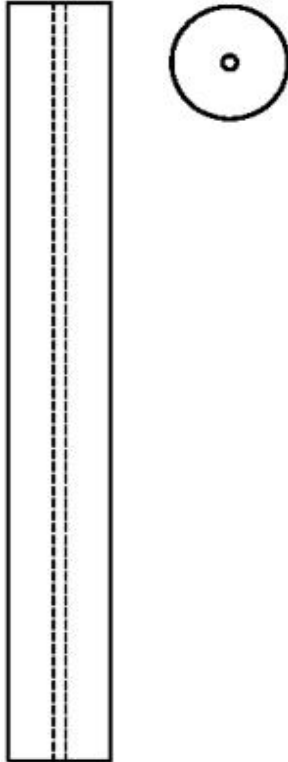


**Z.9490 - bird (chandelier crystal) ... center-hole for hanging: approx. 2mm**

100 mm	CRYSTAL CLEAR	■	3	36
100 mm	CRYSTAL AB	■	3	36
100 mm	CRYSTAL AFLAME	■	3	36
100 mm	CRYSTAL AMBER	■	3	36
100 mm	CRYSTAL ANTIQUE	■	3	36
100 mm	CRYSTAL GOLD	■	3	36
100 mm	CRYSTAL SILVER	■	3	36

	minimum quantity	
EURO piece	BOX pieces	CARTON pieces

## RODS



### Z.9450 (chandelier crystal)

diameter: 6 mm - center-hole: Ø 2.75mm

30 mm	CRYSTAL CLEAR	■	3000	36.000
30 mm	CRYSTAL WHITE-OPAL	■	3000	36.000
40 mm	CRYSTAL CLEAR	■	3000	36.000
40 mm	CRYSTAL WHITE-OPAL	■	3000	36.000
50 mm	CRYSTAL CLEAR	■	3000	36.000
50 mm	CRYSTAL WHITE-OPAL	■	3000	36.000
60 mm	CRYSTAL CLEAR	■	3000	36.000
60 mm	CRYSTAL WHITE-OPAL	■	3000	36.000
70 mm	CRYSTAL CLEAR	■	3000	36.000
70 mm	CRYSTAL WHITE-OPAL	■	3000	36.000
80 mm	CRYSTAL CLEAR	■	1000	12.000
80 mm	CRYSTAL WHITE-OPAL	■	1000	12.000
100 mm	CRYSTAL CLEAR	■	1000	12.000
100 mm	CRYSTAL WHITE-OPAL	■	1000	12.000
125 mm	CRYSTAL CLEAR	■	1000	12.000
125 mm	CRYSTAL WHITE-OPAL	■	1000	12.000
150 mm	CRYSTAL CLEAR	■	1000	12.000
150 mm	CRYSTAL WHITE-OPAL	■	1000	12.000
200 mm	CRYSTAL CLEAR	■	1000	12.000
200 mm	CRYSTAL WHITE-OPAL	■	1000	12.000

+ other lengths :

on request

diameter: 8 mm - center-hole: Ø 1.25mm

50 mm	CRYSTAL CLEAR	■	100	1.200
75 mm	CRYSTAL CLEAR	■	100	1.200
100 mm	CRYSTAL CLEAR	■	100	1.200
125 mm	CRYSTAL CLEAR	■	100	1.200
150 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL CLEAR	■	100	1.200

+ other lengths :

on request

+ other diameters (4/5/6/7/9mm) :

on request

+ other center-holes (0.75/1.75/2.25/2.75mm):

on request

diameter: 27 mm - center-hole: Ø 1.75mm

50 mm	CRYSTAL CLEAR	■	100	1.200
75 mm	CRYSTAL CLEAR	■	100	1.200
100 mm	CRYSTAL CLEAR	■	100	1.200
125 mm	CRYSTAL CLEAR	■	100	1.200
150 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL CLEAR	■	100	1.200

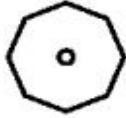
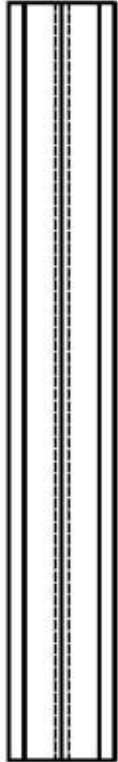
+ other lengths :

on request

... for fixing, use wire inside, twist wire on top and on bottom !

... suitable for hanging prisms at the lower end !

	minimum quantity	
EURO piece	BOX pieces	CARTON pieces



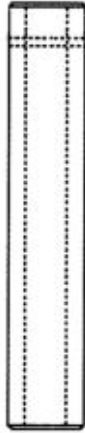
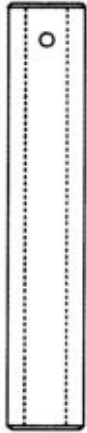
**Z.9452 (chandelier crystal)**

diameter: 14 mm - center-hole: Ø 2.00mm

50 mm	CRYSTAL CLEAR	■	100	1.200
75 mm	CRYSTAL CLEAR	■	100	1.200
100 mm	CRYSTAL CLEAR	■	100	1.200
125 mm	CRYSTAL CLEAR	■	100	1.200
150 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL CLEAR	■	100	1.200
250 mm	CRYSTAL CLEAR	■	100	1.200
500 mm	CRYSTAL CLEAR	■	100	1.200
1000 mm	CRYSTAL CLEAR	■	100	1.200
+ other lengths :		on request		

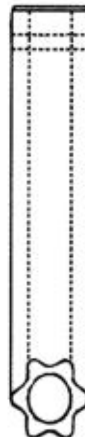
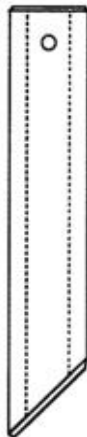
... for fixing, use wire inside, twist wire on top and on bottom !  
 ... suitable for hanging prisms at the lower end !

CRYSTAL	CRYSTAL	CRYSTAL	minimum quantity	
CLEAR	CLEAR	CLEAR		
EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9456 (chandelier crystal)**

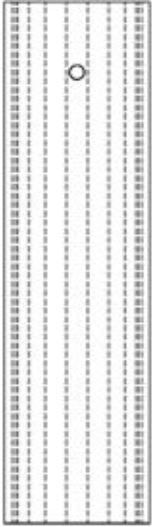
	<u>dia. 18 mm</u> <u>hole: Ø 10mm</u>	<u>dia. 21 mm</u> <u>hole: Ø 11mm</u>	<u>dia. 24 mm</u> <u>hole: Ø 12mm</u>	<u>hanging-hole: Ø 3.0mm</u>	
100 mm	■	■	■	100	1.200
150 mm	■	■	■	100	1.200
200 mm	■	■	■	100	1.200
250 mm	■	■	■	100	1.200
300 mm	■	■	■	100	1.200
350 mm	■	■	■	100	1.200
400 mm	■	■	■	100	1.200
450 mm	■	■	■	100	1.200
500 mm	■	■	■	100	1.200
550 mm	■	■	■	100	1.200
600 mm	■	■	■	100	1.200
650 mm	■	■	■	100	1.200
700 mm	■	■	■	100	1.200
750 mm	■	■	■	100	1.200
800 mm	■	■	■	100	1.200
850 mm	■	■	■	100	1.200
900 mm	■	■	■	100	1.200
950 mm	■	■	■	100	1.200
1000 mm	■	■	■	100	1.200



**Z.9457 (chandelier crystal)**

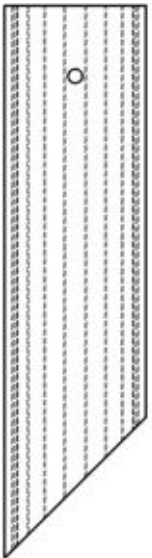
	<u>dia. 18 mm</u> <u>hole: Ø 10mm</u>	<u>dia. 21 mm</u> <u>hole: Ø 11mm</u>	<u>dia. 24 mm</u> <u>hole: Ø 12mm</u>	<u>bottom: 45 degree</u> <u>hanging-hole: Ø 3.0mm</u>	
100 mm	■	■	■	100	1.200
150 mm	■	■	■	100	1.200
200 mm	■	■	■	100	1.200
250 mm	■	■	■	100	1.200
300 mm	■	■	■	100	1.200
350 mm	■	■	■	100	1.200
400 mm	■	■	■	100	1.200
450 mm	■	■	■	100	1.200
500 mm	■	■	■	100	1.200
550 mm	■	■	■	100	1.200
600 mm	■	■	■	100	1.200
650 mm	■	■	■	100	1.200
700 mm	■	■	■	100	1.200
750 mm	■	■	■	100	1.200
800 mm	■	■	■	100	1.200
850 mm	■	■	■	100	1.200
900 mm	■	■	■	100	1.200
950 mm	■	■	■	100	1.200
1000 mm	■	■	■	100	1.200

CRYSTAL	CRYSTAL	CRYSTAL	minimum quantity	
CLEAR	CLEAR	CLEAR		
EURO piece	EURO piece	EURO piece	BOX pieces	CARTON pieces



**Z.9458 (chandelier crystal)**

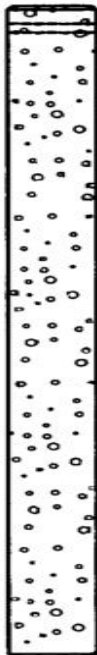
	<u>dia. 50 mm</u> <u>hole: Ø 45mm</u>	<u>dia. 60 mm</u> <u>hole: Ø 55mm</u>	<u>dia. 80 mm</u> <u>hole: Ø 75mm</u>	<u>hanging-holes: Ø 3.0mm</u>	
100 mm	■	■	■	10	120
150 mm	■	■	■	10	120
200 mm	■	■	■	10	120
250 mm	■	■	■	10	120
300 mm	■	■	■	10	120
350 mm	■	■	■	10	120
400 mm	■	■	■	10	120
450 mm	■	■	■	10	120
500 mm	■	■	■	10	120
550 mm	■	■	■	10	120
600 mm	■	■	■	10	120
650 mm	■	■	■	10	120
700 mm	■	■	■	10	120
750 mm	■	■	■	10	120
800 mm	■	■	■	10	120
850 mm	■	■	■	10	120
900 mm	■	■	■	10	120
950 mm	■	■	■	10	120
1000 mm	■	■	■	10	120



**Z.9459 (chandelier crystal)**

	<u>dia. 50 mm</u> <u>hole: Ø 45mm</u>	<u>dia. 60 mm</u> <u>hole: Ø 55mm</u>	<u>dia. 80 mm</u> <u>hole: Ø 75mm</u>	<u>bottom: 45 degree</u> <u>hanging-holes: Ø 3.0mm</u>	
100 mm	■	■	■	10	120
150 mm	■	■	■	10	120
200 mm	■	■	■	10	120
250 mm	■	■	■	10	120
300 mm	■	■	■	10	120
350 mm	■	■	■	10	120
400 mm	■	■	■	10	120
450 mm	■	■	■	10	120
500 mm	■	■	■	10	120
550 mm	■	■	■	10	120
600 mm	■	■	■	10	120
650 mm	■	■	■	10	120
700 mm	■	■	■	10	120
750 mm	■	■	■	10	120
800 mm	■	■	■	10	120
850 mm	■	■	■	10	120
900 mm	■	■	■	10	120
950 mm	■	■	■	10	120
1000 mm	■	■	■	10	120

	EURO piece	minimum quantity	CARTON pieces
		BOX pieces	



**Z.9461 (chandelier crystal)**

diameter: 25 mm - WITHOUT HOLE - bubbles: approx. dia. 2.5mm

round

50 mm	■	100	1.200
75 mm	■	100	1.200
100 mm	■	100	1.200
125 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
+ other lengths :	on request		
+ other diameters :	on request		
+ hole-drilling :	■	(Ø 1.5mm)	

... especially suitable for LED-usages !



**Z.9460 (chandelier crystal)**

diameter: 25 mm - WITHOUT HOLE - bubbles: approx. dia. 2.5mm

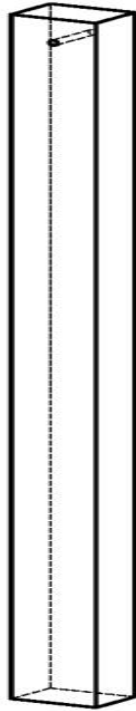
round with 10 facets

50 mm	■	100	1.200
75 mm	■	100	1.200
100 mm	■	100	1.200
125 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
+ other lengths :	on request		
+ other diameters :	on request		
+ hole-drilling :	■	(Ø 1.5mm)	

... especially suitable for LED-usages !



		minimum quantity	
	EURO piece	BOX pieces	CARTON pieces



**Z.9463 (chandelier crystal)**

diameter: 16x12 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200
550 mm	■	100	1.200
600 mm	■	100	1.200
650 mm	■	100	1.200
700 mm	■	100	1.200
750 mm	■	100	1.200
800 mm	■	100	1.200
850 mm	■	100	1.200
900 mm	■	100	1.200
950 mm	■	100	1.200
1000 mm	■	100	1.200
+ other lengths :	on request		
+ special cuts :	on request		
+ hole-drilling :	■	(Ø 1.5mm)	



**Z.9464 (chandelier crystal)**

diameter: 16x12 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200
550 mm	■	100	1.200
600 mm	■	100	1.200
650 mm	■	100	1.200
700 mm	■	100	1.200
750 mm	■	100	1.200
800 mm	■	100	1.200
850 mm	■	100	1.200
900 mm	■	100	1.200
950 mm	■	100	1.200
1000 mm	■	100	1.200
+ other lengths :	on request		
+ special cuts :	on request		
+ hole-drilling :	■	(Ø 1.5mm)	



**Z.9471 (chandelier crystal)**

diameter: 5 mm - cap: CHROME

		EURO piece	minimum quantity BOX pieces	CARTON pieces
100 mm	CRYSTAL CLEAR	■	300	3.600
100 mm	CRYSTAL FROSTED	■	3600	5.000
150 mm	CRYSTAL CLEAR	■	200	2.400
150 mm	CRYSTAL FROSTED	■	2400	5.000
200 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL FROSTED	■	1200	5.000

diameter: 5 mm - cap: GOLD

100 mm	CRYSTAL CLEAR	■	300	3.600
100 mm	CRYSTAL FROSTED	■	3600	5.000
150 mm	CRYSTAL CLEAR	■	200	2.400
150 mm	CRYSTAL FROSTED	■	2400	5.000
200 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL FROSTED	■	1200	5.000



**Z.9472 (chandelier crystal)**

diameter: 5 mm - caps: CHROME

100 mm	CRYSTAL CLEAR	■	300	3.600
100 mm	CRYSTAL FROSTED	■	3600	5.000
150 mm	CRYSTAL CLEAR	■	200	2.400
150 mm	CRYSTAL FROSTED	■	2400	5.000
200 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL FROSTED	■	1200	5.000

diameter: 5 mm - caps: GOLD

100 mm	CRYSTAL CLEAR	■	300	3.600
100 mm	CRYSTAL FROSTED	■	3600	5.000
150 mm	CRYSTAL CLEAR	■	200	2.400
150 mm	CRYSTAL FROSTED	■	2400	5.000
200 mm	CRYSTAL CLEAR	■	100	1.200
200 mm	CRYSTAL FROSTED	■	1200	5.000

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO piece</b>	<b>BOX pieces</b>	<b>CARTON pieces</b>



**Z.9550 (chandelier crystal)**

diameter: 7 mm

63 mm	■	300	3.600
100 mm	■	300	3.600
125 mm	■	200	2.400
150 mm	■	200	2.400
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
400 mm	■	100	1.200



**Z.9560 (chandelier crystal)**

diameter: 7 mm

140 mm	■	200	2.400
191 mm	■	100	1.200
292 mm	■	100	1.200
394 mm	■	100	1.200
608 mm	■	100	1.200

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces



**Z.9570 (chandelier crystal)**

diameter: 8 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 10 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 12 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 14 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 16 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

+ other diameters : on request

+ special cuts : on request

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces



**Z.9571 (chandelier crystal)**

bottom: 45 degree

diameter: 8 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 10 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 12 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 14 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

diameter: 16 mm - WITHOUT HOLE

100 mm	■	100	1.200
150 mm	■	100	1.200
200 mm	■	100	1.200
250 mm	■	100	1.200
300 mm	■	100	1.200
350 mm	■	100	1.200
400 mm	■	100	1.200
450 mm	■	100	1.200
500 mm	■	100	1.200

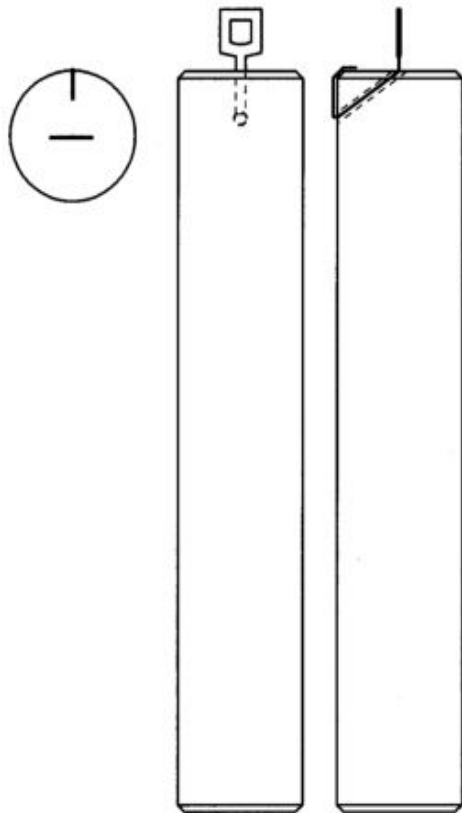
+ other lengths : on request

+ hole-drilling : ■ (Ø 1.5mm)

+ other diameters : on request

+ special cuts : on request

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces



**Z.9581 (chandelier crystal)**

diameter: 20 mm

safety-suspension: DRILLED HOLE Ø 2.5mm

metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)

diameter: 30 mm

safety-suspension: DRILLED HOLE Ø 2.5mm

metal-clip: CHROME-PLATED

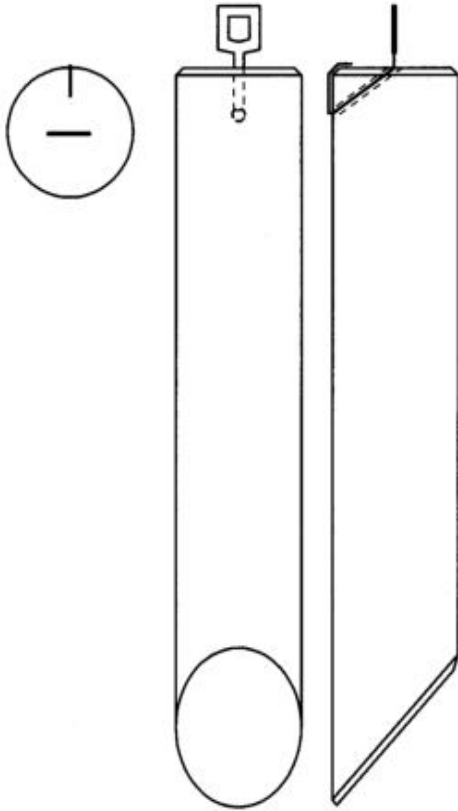
100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces



**Z.9582 (chandelier crystal)**

diameter: 20 mm bottom: 45 degree  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

*metal-clip:*  
**GOLD-COLOR**  
*on request (same price)*

diameter: 30 mm bottom: 45 degree  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

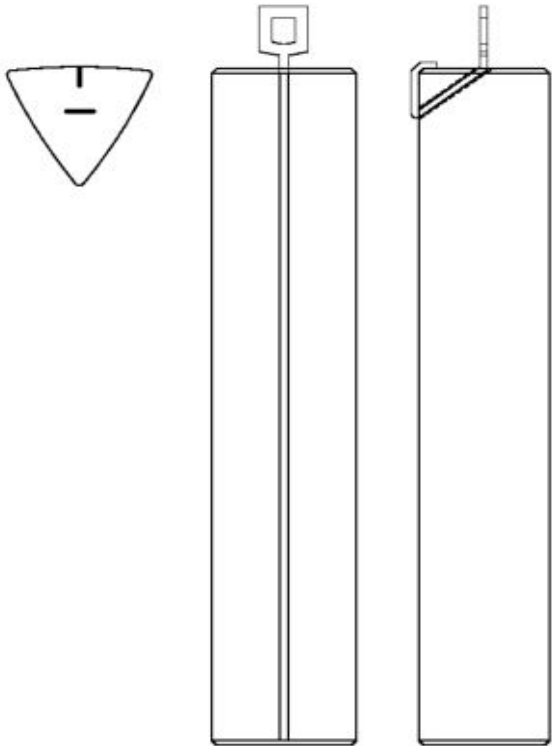
100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

*metal-clip:*  
**GOLD-COLOR**  
*on request (same price)*

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces



**Z.9586 (chandelier crystal)**

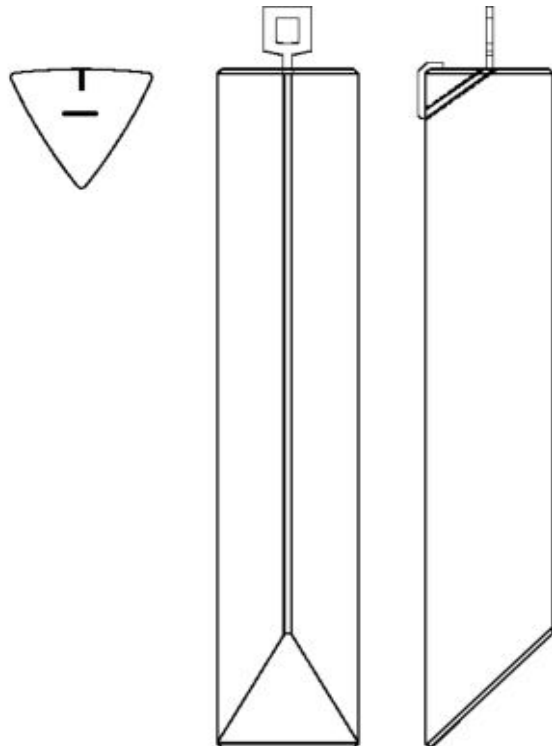
diameter: 30x30x30 mm  
 safety-suspension: DRILLED HOLE Ø 2.5mm  
 metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
 GOLD-COLOR  
 on request (same price)



**Z.9587 (chandelier crystal)**

diameter: 30x30x30 mm bottom: 45 degree  
 safety-suspension: DRILLED HOLE Ø 2.5mm  
 metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

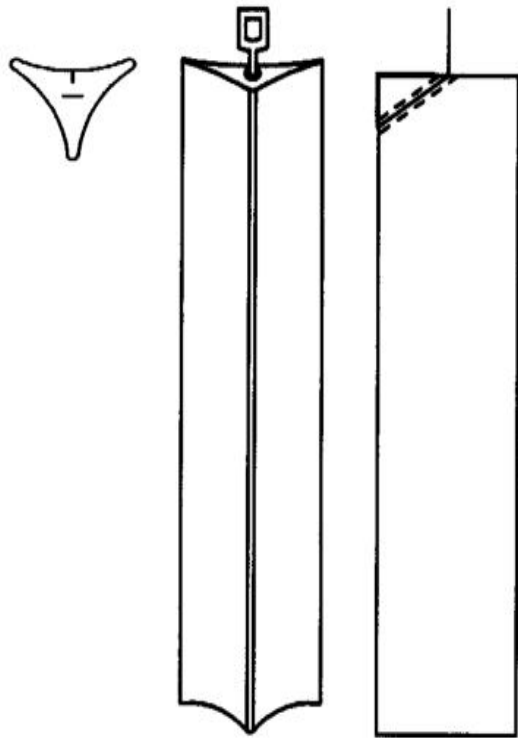
+ other lengths : on request

+ special cuts : on request

metal-clip:  
 GOLD-COLOR  
 on request (same price)



<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO piece</b>	<b>BOX pieces</b>	<b>CARTON pieces</b>



**Z.9590 (chandelier crystal)**

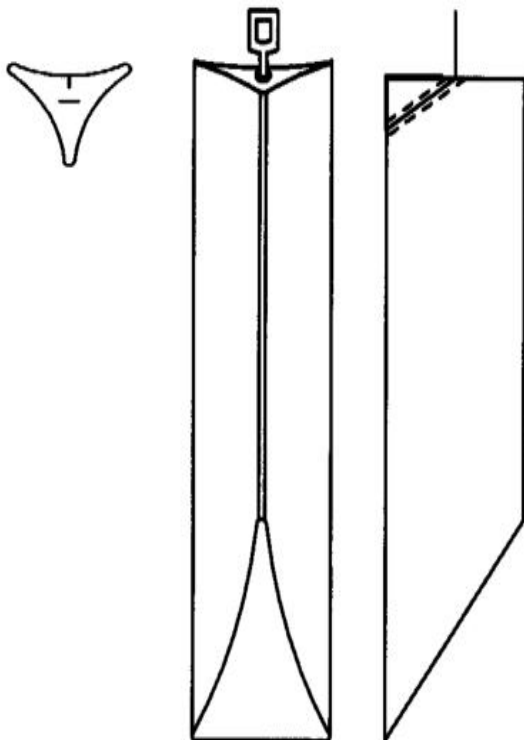
diameter: 30x30x30 mm  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)



**Z.9591 (chandelier crystal)**

diameter: 30x30x30 mm bottom: 45 degree  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

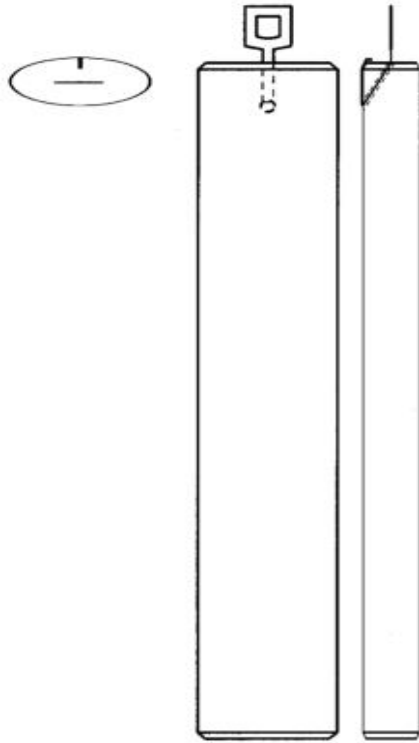
100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO piece</b>	<b>BOX pieces</b>	<b>CARTON pieces</b>



**Z.9583 (chandelier crystal)**

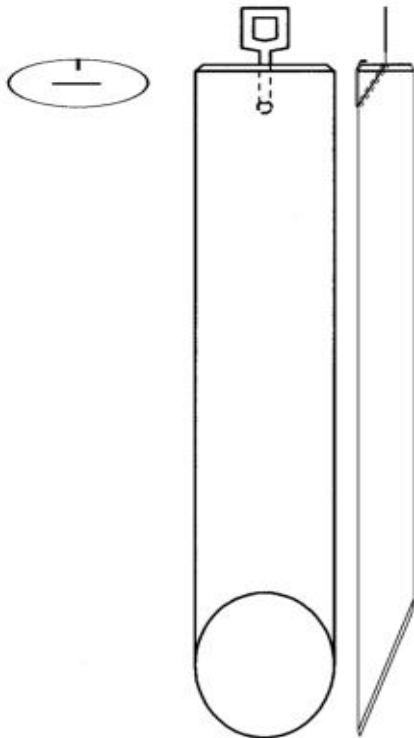
diameter: 30x12 mm  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)



**Z.9584 (chandelier crystal)**

diameter: 30x12 mm bottom: 45 degree  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

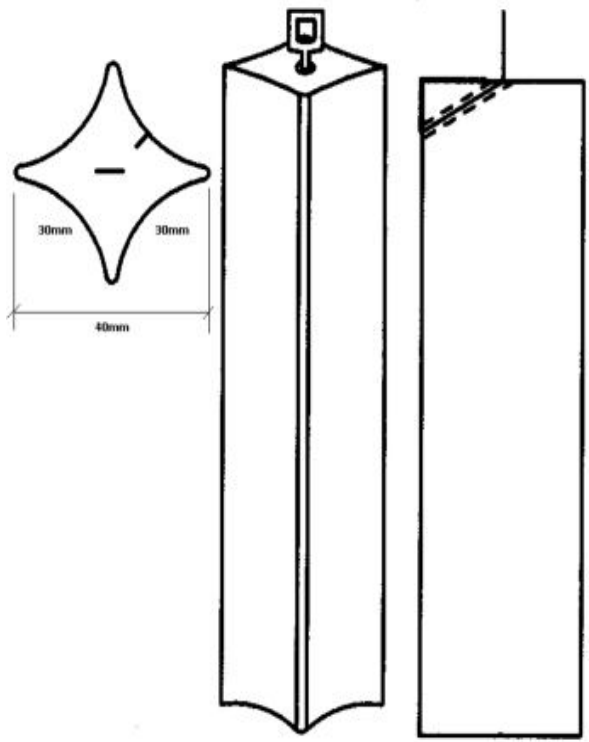
100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
**GOLD-COLOR**  
on request (same price)

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO piece</b>	<b>BOX pieces</b>	<b>CARTON pieces</b>



**Z.9594 (chandelier crystal)**

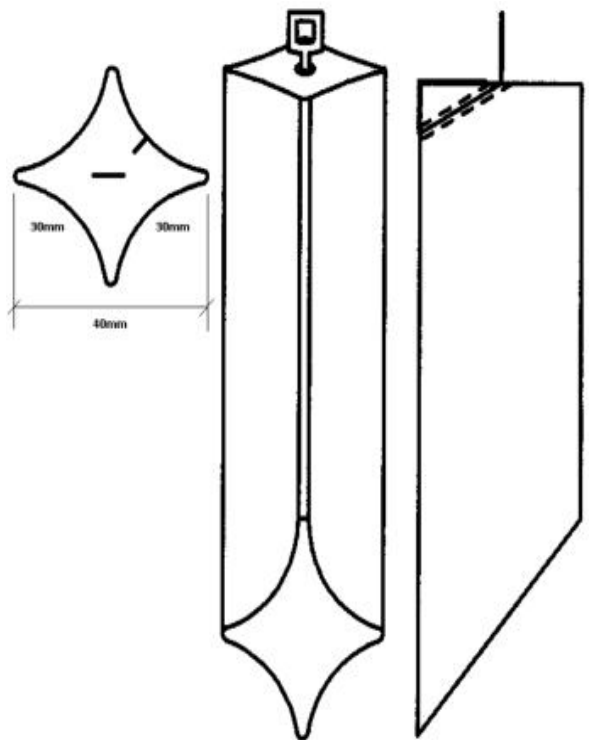
diameter: 30x30 x40 mm  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

+ other lengths : on request

+ special cuts : on request

metal-clip:  
GOLD-COLOR  
on request (same price)



**Z.9595 (chandelier crystal)**

diameter: 30x30 x40 mm bottom: 45 degree  
safety-suspension: DRILLED HOLE Ø 2.5mm  
metal-clip: CHROME-PLATED

100 mm	■	16	192
150 mm	■	12	144
200 mm	■	6	72
250 mm	■	6	72
280 mm	■	6	72
300 mm	■	6	72
350 mm	■	6	72
400 mm	■	6	72
450 mm	■	6	72
500 mm	■	6	72
550 mm	■	6	72
600 mm	■	6	72
650 mm	■	6	72
700 mm	■	6	72
750 mm	■	6	72
800 mm	■	6	72
850 mm	■	6	72
900 mm	■	6	72
950 mm	■	6	72
1000 mm	■	6	72

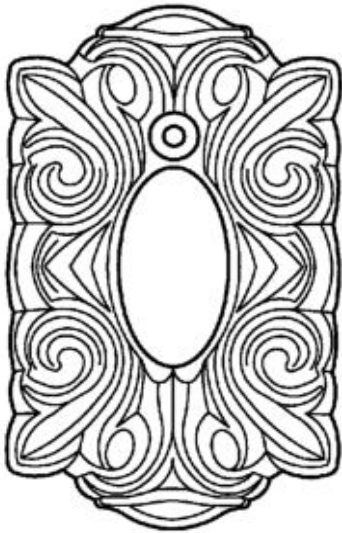
+ other lengths : on request

+ special cuts : on request

metal-clip:  
GOLD-COLOR  
on request (same price)

<b>CRYSTAL</b>	minimum quantity	
<b>CLEAR</b>		
<b>EURO</b> piece	<b>BOX</b> pieces	<b>CARTON</b> pieces

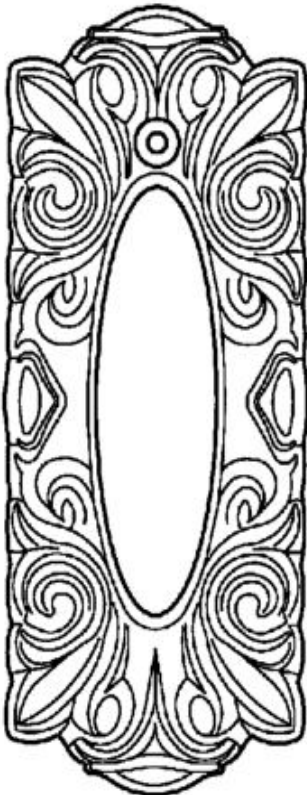
## PLATES



### Z.9711 (optic crystal)

size: 120x70 mm  
thickness: 10/18 mm  
hole: Ø 4.5mm

■	15	180
---	----	-----

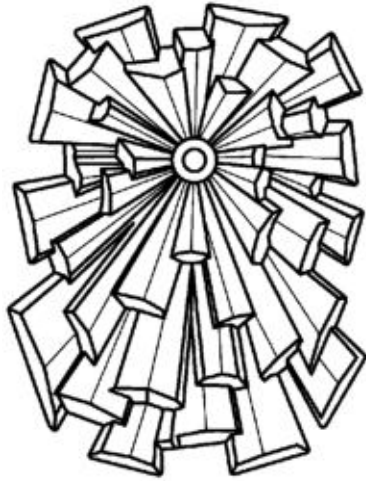


### Z.9712 (optic crystal)

size: 160x65 mm  
thickness: 10/18 mm  
hole: Ø 6.5mm

■	10	120
---	----	-----

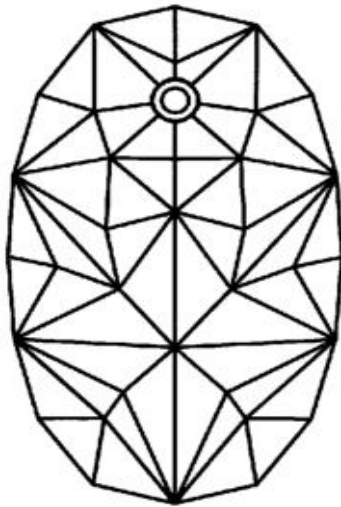
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9721 (optic crystal)**

size: 105x80 mm  
thickness: 12 mm  
hole: Ø 4.5mm

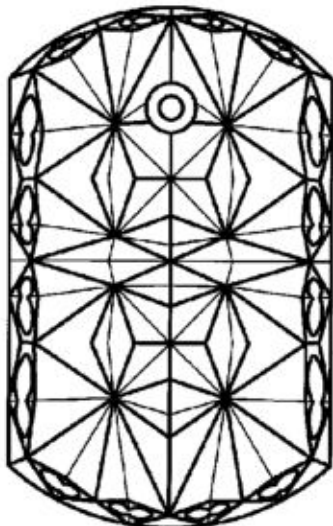
■	15	180
---	----	-----



**Z.9722 (optic crystal)**

size: 120x75 mm  
thickness: 20 mm  
hole: Ø 5.5mm

■	15	180
---	----	-----

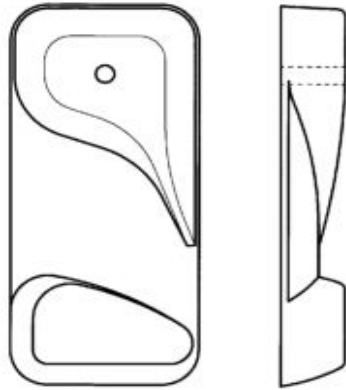


**Z.9723 (optic crystal)**

size: 120x70 mm  
thickness: 20 mm  
hole: Ø 5.5mm

■	15	180
---	----	-----

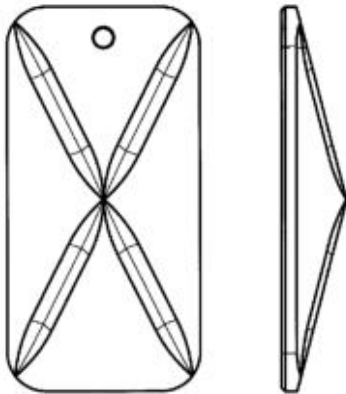
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9731 (optic crystal)**

size: 110x50 mm  
thickness: 18 mm  
hole: Ø 4.5mm

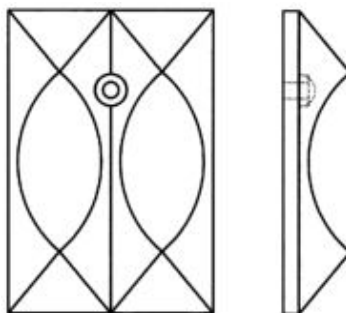
■	15	180
---	----	-----



**Z.9732 (optic crystal)**

size: 100x50 mm  
thickness: 18 mm  
hole: Ø 5.5mm

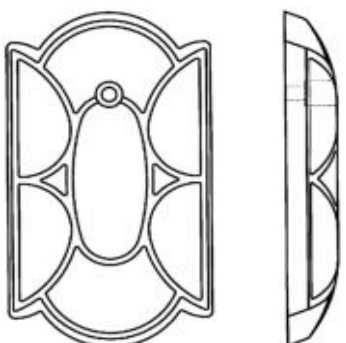
■	15	180
---	----	-----



**Z.9733 (optic crystal)**

size: 95x65 mm  
thickness: 20 mm  
hole: Ø 4.5mm

■	15	180
---	----	-----

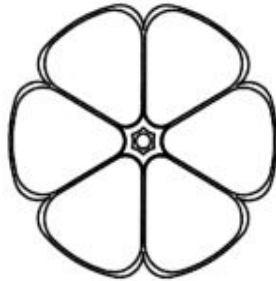


**Z.9734 (optic crystal)**

size: 120x70 mm  
thickness: 18 mm  
hole: Ø 5.5mm

■	15	180
---	----	-----

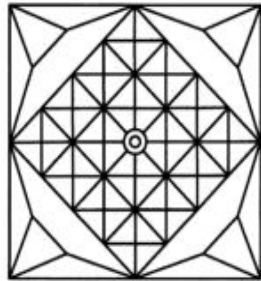
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



**Z.9761 (optic crystal)**

size: 90x90 mm  
thickness: 14 mm  
hole: Ø 5.5mm

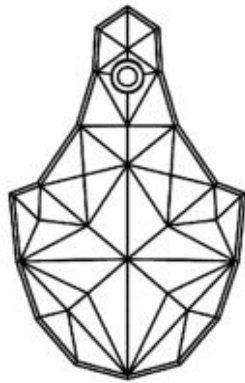
■	15	180
---	----	-----



**Z.9762 (optic crystal)**

size: 100x100 mm  
thickness: 17 mm  
hole: Ø 5.5mm

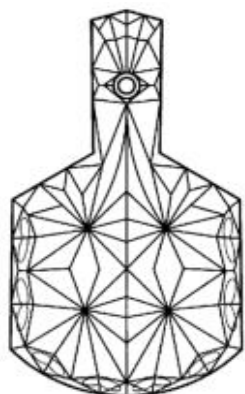
■	12	144
---	----	-----



**Z.9781 (optic crystal)**

size: 120x75 mm  
thickness: 20 mm  
hole: Ø 5.5mm

■	15	180
---	----	-----



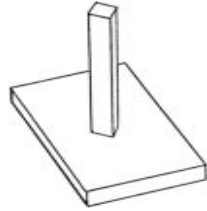
**Z.9782 (optic crystal)**

size: 120x70 mm  
thickness: 20 mm  
hole: Ø 5.5mm

■	15	180
---	----	-----

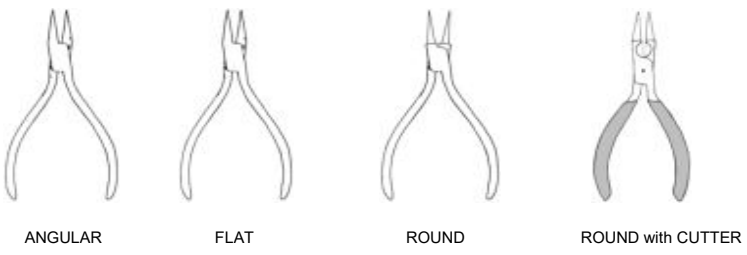
		minimum quantity
EURO		CARTON
piece		pieces

## PINNING & CLEANING & GLUEING - ACCESSORIES



### Z.9090 (iron - pinning stand)

ANGULAR	■	1
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### Z.9095 TYPE I (iron - pinning pliers)

ANGULAR	■	1
FLAT	■	1
ROUND	■	1
ROUND with CUTTER	■	1



TYPE II

### Z.9095 TYPE II (iron - crimping pliers)

for cable-end squeeze-rings	■	1
-----------------------------	---	---



TYPE III

### Z.9095 TYPE III (iron - crimping pliers)

for loop-making squeeze-rings	■	1
-------------------------------	---	---



### Z.9097 (rubber - pinning finger glove)

MEDIUM	■	100
LARGE	■	100



### Z.9098 (cotton - pinning gloves)

WHITE	■	1
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		minimum quantity
	EURO piece	CARTON pieces



**Z.9099 (crystal chandelier cleaner)**

**Type: "Sparkle Plenty"**

LIQUID ( 0,946 Liter )	■	12
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**Z.9100 (crystal cleaning cloth)**

**Type: "Toraysee"**

BLUE ( 190x190 mm )	■	1
------------------------	---	---



**Z.9900 ( SILICONE - glue )**

**Type: "Wacker"**  
**for glueing ... crystals on tiles etc.**

TRANSPARENT ( 90 ml )	■	1
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**Z.9903 ( SILICONE - glue )**

**Type: "Bohle"**  
**for glueing ... mirrors on surfaces etc.**

TRANSPARENT ( 310 ml )	■	1
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**Z.9905 ( UV - glue )**

**Type: "Delo"**  
**for glueing ... crystals on crystals**

TRANSPARENT ( 50 ml / 50 g )	■	1
---------------------------------	---	---



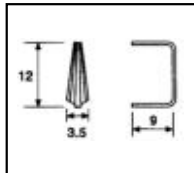
**Z.9906 ( UV - glue )**

**Type: "Delo"**  
**for glueing ... crystals on metals**

TRANSPARENT ( 50 ml / 50 g )	■	1
---------------------------------	---	---

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces

## PINNING MATERIAL



### Z.9140 (hanger)

12 mm

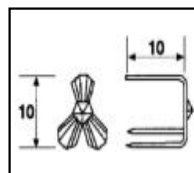
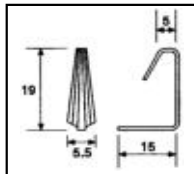
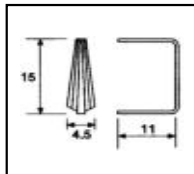
■	■	■	6.090
---	---	---	-------

15 mm

■	■	■	4.000
---	---	---	-------

19 mm

■	■	■	2.680
---	---	---	-------



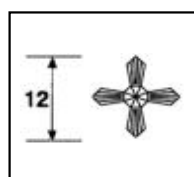
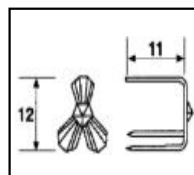
### Z.9144 (distributor ... three-legged)

10 mm - three-legged

■	■	■	3.250
---	---	---	-------

12 mm - three-legged

■	■	■	2.650
---	---	---	-------

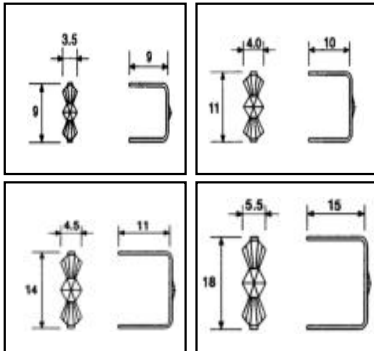


### Z.9145 (distributor ... four-legged)

12 mm - four-legged

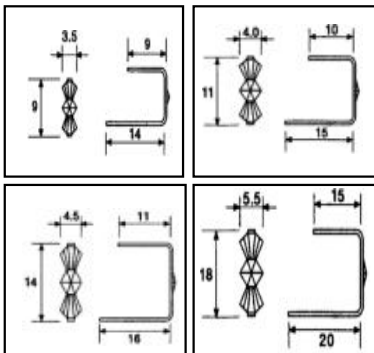
■	■	■	2.800
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COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



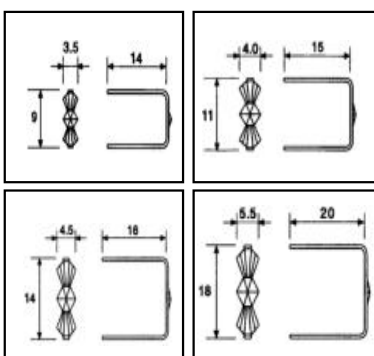
#### Z.9141 (connector)

<u>9 mm</u>	■	■	■	6.490
<u>11 mm</u>	■	■	■	5.000
<u>14 mm</u>	■	■	■	3.780
<u>18 mm</u>	■	■	■	2.650



#### Z.9142 (connector ... asymmetric)

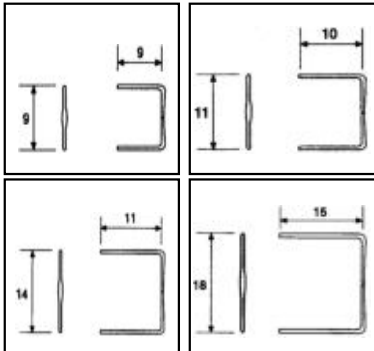
<u>9 mm - asymmetric</u>	■	■	■	5.940
<u>11 mm - asymmetric</u>	■	■	■	4.700
<u>14 mm - asymmetric</u>	■	■	■	3.460
<u>18 mm - asymmetric</u>	■	■	■	2.420



#### Z.9143 (connector ... long-legged)

<u>9 mm - long-legged</u>	■	■	■	5.390
<u>11 mm - long-legged</u>	■	■	■	4.300
<u>14 mm - long-legged</u>	■	■	■	3.170
<u>18 mm - long-legged</u>	■	■	■	2.290

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
<b>BRASS</b>	<b>CHROME</b>	<b>GOLD</b>	
EURO piece	EURO piece	EURO piece	<b>BAG</b> pieces



#### **Z.9151 (plain-clip)**

9 mm

■	■	■	9.290
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11 mm

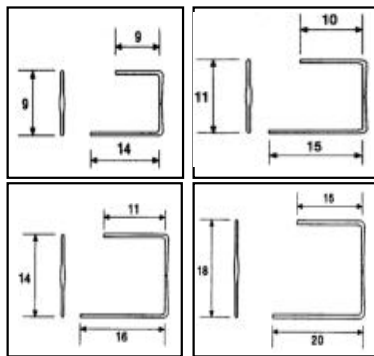
■	■	■	8.700
---	---	---	-------

14 mm

■	■	■	5.680
---	---	---	-------

18 mm

■	■	■	4.420
---	---	---	-------



#### **Z.9152 (plain-clip ... asymmetric)**

9 mm - asymmetric

■	■	■	8.580
---	---	---	-------

11 mm - asymmetric

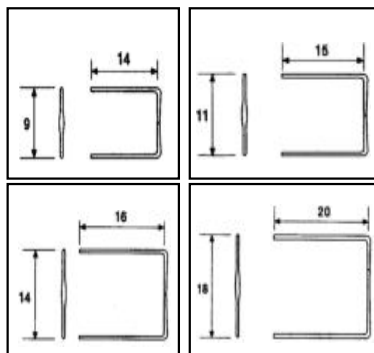
■	■	■	7.320
---	---	---	-------

14 mm - asymmetric

■	■	■	4.910
---	---	---	-------

18 mm - asymmetric

■	■	■	3.960
---	---	---	-------



#### **Z.9153 (plain-clip ... long-legged)**

9 mm - long-legged

■	■	■	7.230
---	---	---	-------

11 mm - long-legged

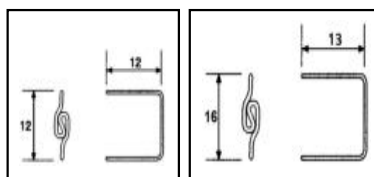
■	■	■	6.280
---	---	---	-------

14 mm - long-legged

■	■	■	4.500
---	---	---	-------

18 mm - long-legged

■	■	■	3.700
---	---	---	-------



#### **Z.9160 (snake-clip)**

12 mm

■	■	■	5.750
---	---	---	-------

16 mm

■	■	■	5.350
---	---	---	-------

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9170 (round-ring)**

<u>7 mm</u>	■	■	■	12.330
<u>8 mm</u>	■	■	■	9.200
<u>9 mm</u>	■	■	■	8.450
<u>10 mm</u>	■	■	■	6.400
<u>11 mm</u>	■	■	■	5.590



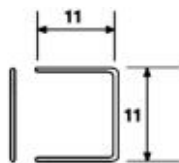
**Z.9175 (oval-ring)**

<u>8 mm</u>	■	■	■	12.800
<u>9 mm</u>	■	■	■	9.350
<u>10 mm</u>	■	■	■	8.300
<u>11 mm</u>	■	■	■	5.000
<u>13 mm</u>	■	■	■	2.500



**Z.9177 (overlapping-ring)**

<u>9 mm</u>	---	■	■	10.000
<u>11 mm</u>	■	■	■	10.000
<u>13 mm</u>	---	■	■	6.790
<u>15 mm</u>	---	■	■	5.600
<u>20 mm</u>	---	■	■	2.000



**Z.9172 (extrastrong-clip ... stainless-steel)**

<u>11 mm</u>	---	■	---	1.000
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COLOR	COLOR plated	COLOR plated	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9180 (pendant-fixing #1-A)**

13x8 mm				
■	■	■		1.000



**Z.9181 (pendant-fixing #1-B)**

14x8 mm				
---	■	■		5.900
17x10 mm	---	■	■	3.200
18x12 mm	---	■	■	2.900
18x14 mm	---	■	■	1.000
18x16 mm	---	■	■	1.000



**Z.9182 (pendant-fixing #2-A)**

8x10 mm				
---	■	■		1.000
9x11 mm	---	■	■	1.000
14x13 mm	---	■	■	1.000



**Z.9183 (pendant-fixing #2-B)**

10x9 mm				
---	■	■		1.000



**Z.9185 (pendant-fixing #3)**

11x3 mm				
---	■	■		1.000

COLOR	COLOR plated	COLOR plated	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9186 (pendant-fixing #4)**

<u>13 mm</u>				
---	■	---		100
<u>14 mm</u>				
---	■	---		100
<u>15 mm</u>				
---	■	---		100
<u>20 mm</u>				
---	■	---		100



**Z.9189 (pendant-fixing #5)**

<u>18'16 mm</u>				
■	■	■		1.000



**Z.9164 (pendant-fixing #6 ... magnet-mount)**

<u>8 mm Ø ... 7mm Height</u>				
---	■	■		2
<u>10 mm Ø ... 9mm Height</u>				
---	■	■		2



**Z.9187 (snap-hook ... for hanging chains of crystals)**

<u>10 mm</u>				
---	■	---		100
<u>12 mm</u>				
---	■	---		100
<u>16 mm</u>				
---	■	---		100



**Z.9188 (snap-hook ... for hanging chains of crystals)**

<u>12x1,2x0,6 mm</u>				
---	■	---		100
<u>16x1,2x0,7 mm</u>				
---	■	---		100
<u>20x2,0x0,8 mm</u>				
---	■	---		100
<u>26x2,0x0,9 mm</u>				
---	■	---		100
<u>30x3,0x1,5 mm</u>				
---	■	---		100

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9190 (traditional-pin 0.8mm ... head-diameter: 2.0mm)**

<u>10 mm</u>	■	■	■	18.200
<u>15 mm</u>	■	■	■	12.300
<u>20 mm</u>	■	■	■	9.600
<u>25 mm</u>	■	■	■	8.100
<u>30 mm</u>	■	■	■	6.700
<u>35 mm</u>	■	■	■	5.800
<u>40 mm</u>	■	■	■	5.240
<u>45 mm</u>	■	■	■	4.700
<u>50 mm</u>	■	■	■	4.200
<u>60 mm</u>	■	■	■	3.400
<u>70 mm</u>	■	■	■	3.000
<u>80 mm</u>	■	■	■	2.600
<u>90 mm</u>	■	■	■	2.300
<u>100 mm</u>	■	■	■	2.000



**Z.9191 (traditional-pin 0.8mm ... head-diameter: 2.5mm)**

<u>20 mm</u>	■	■	■	9.800
<u>25 mm</u>	■	■	■	8.100
<u>30 mm</u>	■	■	■	6.900
<u>35 mm</u>	■	■	■	5.900
<u>40 mm</u>	■	■	■	5.000



**Z.9192 (traditional-pin 0.8mm ... head-diameter: 3.0mm)**

<u>20 mm</u>	■	■	■	8.000
<u>25 mm</u>	■	■	■	7.200
<u>30 mm</u>	■	■	■	5.500
<u>35 mm</u>	■	■	■	5.070
<u>40 mm</u>	■	■	■	4.700



COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9195 (bead-pin 0.8mm)**

<u>10 mm</u>	■	■	■	16.000
<u>15 mm</u>	■	■	■	11.800
<u>20 mm</u>	■	■	■	9.800
<u>25 mm</u>	■	■	■	7.900
<u>30 mm</u>	■	■	■	6.900
<u>35 mm</u>	■	■	■	6.150
<u>40 mm</u>	■	■	■	5.500
<u>45 mm</u>	■	■	■	4.900
<u>50 mm</u>	■	■	■	4.300
<u>60 mm</u>	■	■	■	3.750
<u>70 mm</u>	■	■	■	3.100
<u>80 mm</u>	■	■	■	2.750
<u>90 mm</u>	■	■	■	2.350
<u>100 mm</u>	■	■	■	2.300



**Z.9166 (MT-arms-pin 1.0mm)**

<u>55x20 mm</u>	■	■	■	2.000
-----------------	---	---	---	-------



**Z.9167 (MT-arms-pin 1.0mm)**

<u>55x43 mm</u>	■	■	■	1.550
-----------------	---	---	---	-------

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces

**Z.9196 (plastic-thread)**

<u>0,4 mm</u>	<u>per meter</u>	---	100 m
---	■		
<u>0,5 mm</u>	<u>per meter</u>	---	100 m
---	■		
<u>0,7 mm</u>	<u>per meter</u>	---	100 m
---	■		
<u>0,8 mm</u>	<u>per meter</u>	---	100 m
---	■		
<u>1,0 mm</u>	<u>per meter</u>	---	100 m
---	■		
---	---	---	50 m

**Z.9197 (steel-cable)**

<u>0,3 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>0,6 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>0,8 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>1,0 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>1,5 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>2,0 mm</u>	<u>per meter</u>	---	200 m
---	■		
<u>3,0 mm</u>	<u>per meter</u>	---	200 m
---	■		

**Z.9199 (wire)**

0,4 mm (for small crystals)

<u>60 mm</u>	<u>60mm</u>	---	10.000 pieces
■	■		
<u>per kg</u>	<u>per kg</u>	---	0,25 kg
■	■		

0,6 mm (for medium crystals)

<u>per meter</u>	<u>per meter</u>	---	17 m
■	■		

0,8 mm (for large crystals)

<u>per meter</u>	<u>per meter</u>	---	9 m
■	■		

1,0 mm (for extra-large crystals)

<u>per meter</u>	<u>per meter</u>	---	7 m
■	■		

COLOR	COLOR plated	COLOR plated	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9198 TYPE I (squeeze-ring ... for plastic-thread or for steel-cable or for wire)**

a) 2,0 mm (for 0,3mm plastic-thread or 0,3mm steel-cable or 0,4mm wire)

---	■	---	1.000
-----	---	-----	-------

b) 2,8 mm (for 0,6mm+0,8mm steel-cable or 0,6+0,8mm wire )

---	■	---	1.000
-----	---	-----	-------

c) 3,0 mm (for 1,0mm steel-cable or 1,0mm wire)

---	■	---	1.000
-----	---	-----	-------

d) 3,5 mm (for 1,5mm steel-cable)

---	■	---	1.000
-----	---	-----	-------



**Z.9198 TYPE II (cable-end squeeze-ring ... for steel-cable)**

a) 0,5+6 mm (for 0,6mm+0,8mm steel-cable)

---	■	---	100
-----	---	-----	-----

b) 1,0+8 mm (for 1,0mm steel-cable)

---	■	---	100
-----	---	-----	-----

c) 1,5+8 mm (for 1,5mm steel-cable)

---	■	---	100
-----	---	-----	-----



**Z.9198 TYPE III (loop-making squeeze-ring ... for steel-cable)**

a) 5x5x3 mm (for 0,6mm+0,8mm steel-cable)

---	■	---	100
-----	---	-----	-----

b) 6x6x4 mm (for 1,0mm+1,5mm steel-cable)

---	■	---	100
-----	---	-----	-----

c) 7x7x4 mm (for 2,0mm steel-cable)

---	■	---	100
-----	---	-----	-----

d) 11x9x6 mm (for 3,0mm steel-cable)

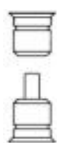
---	■	---	100
-----	---	-----	-----



**Z.9198 TYPE IV (screw-mountable splice for two cables ... for steel-cable)**

18x12x6 mm (for 2,0mm steel-cable)

---	■	---	100
-----	---	-----	-----



**Z.9198 TYPE V (height-adjustable center-ring (two pieces) ... for steel-cable)**

consisting of :

Part #A: 16x8+10 mm & Part #B: 10x8+10 mm (for 0,8mm or 1,0mm steel-cable)

---	■	---	100
-----	---	-----	-----

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9111 (link-chain)**

<u>3,5 x 1,0 mm</u>	<u>per meter</u>	---	100 m
---	■	---	



**Z.9112 (link-chain)**

<u>4,0 x 1,0 mm</u>	<u>per meter</u>	---	100 m
---	■	---	



**Z.9193 (ball-chain)**

<u>1,5 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	
<u>2,0 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	
<u>2,5 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	
<u>3,0 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	
<u>4,0 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	
<u>4,5 mm</u>	<u>per meter</u>	<u>per meter</u>	50 m
---	■	■	



**Z.9194 (eyelet-ring ... for ball-chain)**

<u>2,5 mm (for balls-chains 1,5mm &amp; 2,0mm)</u>	■	■	100
---	■	■	
<u>3,0 mm (for balls-chains 2,5mm &amp; 3,0mm)</u>	■	■	100
---	■	■	
<u>4,0 mm (for balls-chains 4,0mm &amp; 4,5mm)</u>	■	■	100
---	■	■	
<u>5,0 mm (for balls-chains 4,0mm &amp; 4,5mm)</u>	■	■	100
---	■	■	

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



**Z.9178 (chain-spacer ... BRASS-tube)**

(for plastic-thread & steel-cable & wire)

2,0 mm outside-diameter

1,0 mm inside-diameter

5 x 2,0 mm

---	■	---	10.900
-----	---	-----	--------

<u>10 x 2,0 mm</u>	■	---	5.430
--------------------	---	-----	-------

<u>15 x 2,0 mm</u>	■	---	3.700
--------------------	---	-----	-------

<u>20 x 2,0 mm</u>	■	---	2.880
--------------------	---	-----	-------

<u>25 x 2,0 mm</u>	■	---	2.360
--------------------	---	-----	-------

<u>30 x 2,0 mm</u>	■	---	1.875
--------------------	---	-----	-------

---	■	---	
-----	---	-----	--

---	■	---	
-----	---	-----	--

---	■	---	
-----	---	-----	--

---	■	---	
-----	---	-----	--



**Z.9179 (chain-spacer ... PUR-PLASTIC-tube, flexible, transparent)**

(for plastic-thread & steel-cable & wire)

UV-resistant (suitable for inside/outside applications)

4,0 mm outside-diameter

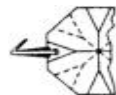
2,0 mm inside-diameter

---	per meter ■	---	100 m
-----	----------------	-----	-------

COLOR	COLOR <u>plated</u>	COLOR <u>plated</u>
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece

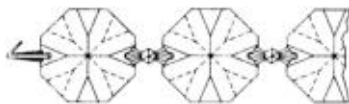
## PINNING SERVICE

pinning material  
+  
pinning work



### HANGER\_INSERTION

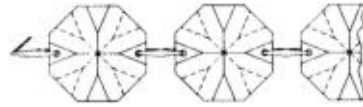
<u>12 mm</u>	■	■	■
<u>15 mm</u>	■	■	■
<u>19 mm</u>	■	■	■



### CONNECTOR\_PINNING

<u>9 mm</u>	■	■	■
<u>11 mm</u>	■	■	■
<u>14 mm</u>	■	■	■
<u>18 mm</u>	■	■	■
<u>9 mm - asymmetric</u>	■	■	■
<u>11 mm - asymmetric</u>	■	■	■
<u>14 mm - asymmetric</u>	■	■	■
<u>18 mm - asymmetric</u>	■	■	■
<u>9 mm - long-legged</u>	■	■	■
<u>11 mm - long-legged</u>	■	■	■
<u>14 mm - long-legged</u>	■	■	■
<u>18 mm - long-legged</u>	■	■	■
<u>10 mm - three-legged</u>	■	■	■
<u>12 mm - three-legged</u>	■	■	■
<u>12 mm - four-legged</u>	■	■	■

COLOR	COLOR plated	COLOR plated
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece

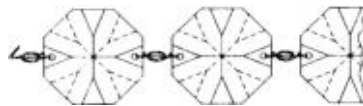


### PLAIN-CLIP\_PINNING

9 mm			
■	■	■	■
11 mm	■	■	■
14 mm	■	■	■
18 mm	■	■	■

9 mm - asymmetric			
■	■	■	■
11 mm - asymmetric	■	■	■
14 mm - asymmetric	■	■	■
18 mm - asymmetric	■	■	■

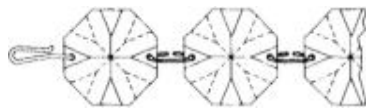
9 mm - long-legged			
■	■	■	■
11 mm - long-legged	■	■	■
14 mm - long-legged	■	■	■
18 mm - long-legged	■	■	■



### SNAKE-CLIP\_PINNING

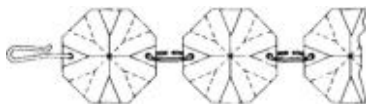
12 mm			
■	■	■	■
16 mm	■	■	■

COLOR	COLOR plated	COLOR plated
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece



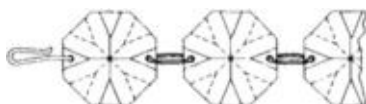
### ROUND-RING\_PINNING

<u>7 mm</u>	■	■	■
<u>8 mm</u>	■	■	■
<u>9 mm</u>	■	■	■
<u>10 mm</u>	■	■	■
<u>11 mm</u>	■	■	■



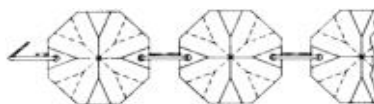
### OVAL-RING\_PINNING

<u>8 mm</u>	■	■	■
<u>9 mm</u>	■	■	■
<u>10 mm</u>	■	■	■
<u>11 mm</u>	■	■	■
<u>13 mm</u>	■	■	■



### OVERLAPPING-RING\_PINNING

<u>9 mm</u>	---	■	■
<u>11 mm</u>	■	■	■
<u>13 mm</u>	---	■	■
<u>15 mm</u>	---	■	■
<u>20 mm</u>	---	■	■

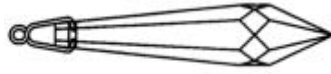


### WIRE-CLIP-S.S.\_PINNING

<u>11 mm</u>	---	■	---
--------------	-----	---	-----

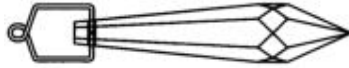


COLOR	COLOR plated	COLOR plated
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece



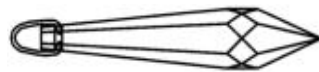
#### PENDANT-FIXING-#1-A\_INSERTION

<u>13 mm</u>	■	■	■
--------------	---	---	---



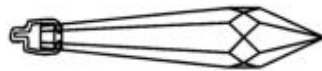
#### PENDANT-FIXING-#1-B\_INSERTION

<u>14x8 mm</u>	---	■	■
<u>17x10 mm</u>	---	■	■
<u>18x12 mm</u>	---	■	■
<u>18x14 mm</u>	---	■	■
<u>18x16 mm</u>	---	■	■



#### PENDANT-FIXING-#2-A\_INSERTION

<u>8x10 mm</u>	---	■	■
<u>9x11 mm</u>	---	■	■
<u>14x13 mm</u>	---	■	■



#### PENDANT-FIXING-#2-B\_INSERTION

<u>10x9 mm</u>	---	■	■
----------------	-----	---	---



#### PENDANT-FIXING-#3\_INSERTION

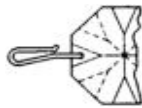
<u>11 mm</u>	---	■	■
--------------	-----	---	---



#### PENDANT-FIXING-#4\_INSERTION

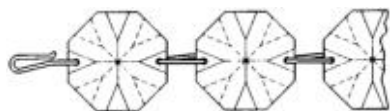
<u>13 mm</u>	---	■	---
<u>14 mm</u>	---	■	---
<u>15 mm</u>	---	■	---
<u>20 mm</u>	---	■	---

COLOR	COLOR	COLOR
BRASS	plated CHROME	plated GOLD
EURO piece	EURO piece	EURO piece



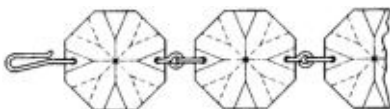
### HOOK\_INSERTION

10 mm	■	■	■
15 mm	■	■	■
20 mm	■	■	■
25 mm	■	■	■
30 mm	■	■	■
35 mm	■	■	■
40 mm	■	■	■
45 mm	■	■	■
50 mm	■	■	■



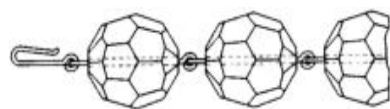
### SWAN\_PINNING

10 mm	■	■	■
15 mm	■	■	■
20 mm	■	■	■
25 mm	■	■	■
30 mm	■	■	■
35 mm	■	■	■
40 mm	■	■	■
45 mm	■	■	■
50 mm	■	■	■



### TRADITIONAL\_PINNING

10 mm	■	■	■
15 mm	■	■	■
20 mm	■	■	■
25 mm	■	■	■
30 mm	■	■	■
35 mm	■	■	■
40 mm	■	■	■
45 mm	■	■	■
50 mm	■	■	■

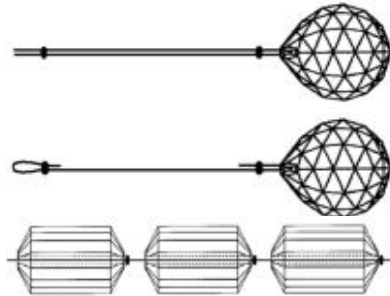


### BEAD\_PINNING

10 mm	■	■	■
15 mm	■	■	■
20 mm	■	■	■
25 mm	■	■	■
30 mm	■	■	■
35 mm	■	■	■
40 mm	■	■	■
45 mm	■	■	■
50 mm	■	■	■

COLOR	COLOR plated	COLOR plated
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece

examples :



## SQUEEZE-RING\_PINNING

**(without ... plastic-thread or steel-cable or wire !)**

TYPE I a) : 2,0 mm squeeze-ring

--	■	--
----	---	----

TYPE I b) : 2,8 mm squeeze-ring

--	■	--
----	---	----

TYPE I c) : 3,0 mm squeeze-ring

--	■	--
----	---	----

TYPE I d) : 3,5 mm squeeze-ring

--	■	--
----	---	----

TYPE II a) : for 0,6+0,8mm ... steel-cable

--	■	--
----	---	----

TYPE II b) : for 1,0mm ... steel-cable

--	■	--
----	---	----

TYPE II c) : for 1,5mm ... steel-cable

--	■	--
----	---	----

TYPE III a) : for 0,6+0,8mm ... steel-cable

--	■	--
----	---	----

TYPE III b) : for 1,0+1,5mm ... steel-cable

--	■	--
----	---	----

TYPE III c) : for 2,0mm ... steel-cable

--	■	--
----	---	----

TYPE III d) : for 3,0mm ... steel-cable

--	■	--
----	---	----

TYPE IV : for 2,0mm ... steel-cable

--	■	--
----	---	----

TYPE V : for 0,8+1,0mm ... steel-cable

--	■	--
----	---	----

## STRUNG\_PINNING

**(without ... plastic-thread or steel-cable or wire !)**



large beads (>= 30mm)

■	■	--
---	---	----

medium beads (>= 20mm)

■	■	--
---	---	----

small beads (>= 10mm)

■	■	--
---	---	----

mini beads (>= 5mm)

■	■	--
---	---	----

micro beads (>= 2mm)

■	■	--
---	---	----

## SWEDISH-TWIST\_PINNING

with 0.4mm wire

■	■	--
---	---	----

with 0.6mm wire

■	■	--
---	---	----

with 0.8mm wire

■	■	--
---	---	----

with 1.0mm wire

■	■	--
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## **SPECIAL PINNING SERVICE**

### **SET PACKING :**

*plus 3% surcharge on merchandise-value*

### **SINGLE PACKING :**

*plus 5% surcharge on merchandise-value*

### **GRADUATED CHAINS :**

*plus 25% surcharge on pinning-service-prices*

### **PARALLEL-PINNING MODERNCUT-OCTAGONS :**

*plus 20% surcharge on pinning-service-prices*

### **LARGE PINNING-ORDERS :**

*special pinning-prices for large pinning-orders: on request*