

ZIP



ZIP

fine crystal

premium quality

lamp-parts & accessories

pinning-material

fast pinning service



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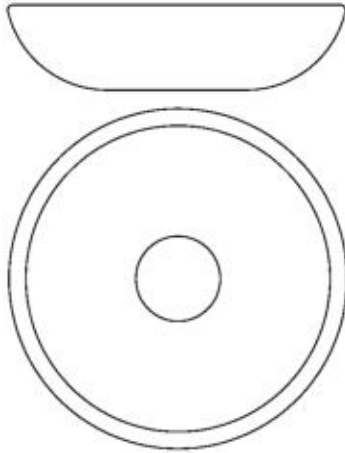
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CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces

BOBECHEs + CENTERPIECES



Z.9856 (lead crystal - machine pressed)

center hole: 24 mm

100x24 mm	4,0079	6	108
100x24 mm - 4 SH	5,5280		
100x24 mm - 5 SH	5,9080		

drilling of extra SH :

	0,3800
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stud-insertion into SH :

BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

drilling of bigger CH :

	1,2500
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Z.9857 (lead crystal - machine pressed)

center hole: 24 mm

100x24 mm	4,0079	6	108
100x24 mm - 3 SH	5,1480		
100x24 mm - 9 SH	7,4280		

drilling of extra SH :

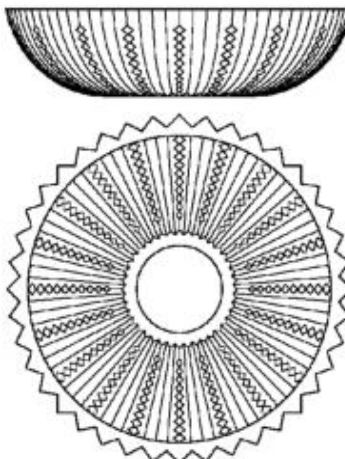
	0,3800
--	--------

stud-insertion into SH :

BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

drilling of bigger CH :

	1,2500
--	--------



Z.9852 (lead crystal - machine pressed)

center hole: 24 mm

100x24 mm	4,0079	6	108
100x24 mm - 4 SH	5,5280		
100x24 mm - 5 SH	5,9080		

drilling of extra SH :

	0,3800
--	--------

stud-insertion into SH :

BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

drilling of bigger CH :

	1,2500
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CRYSTAL

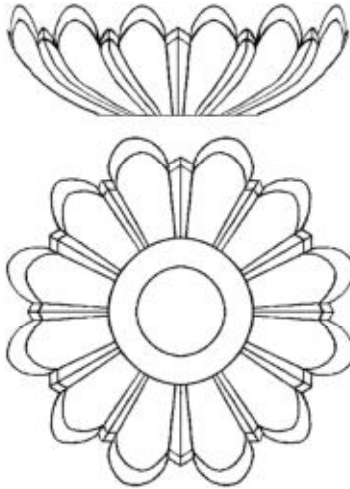
minimum
quantity

CLEAR

**EURO
piece**

**BOX
pieces**

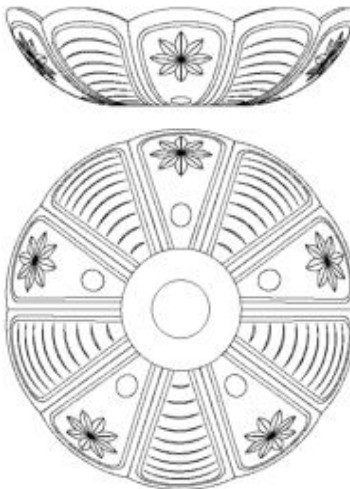
**CARTON
pieces**



Z.9858 (lead crystal - machine pressed)

center hole: 24 mm

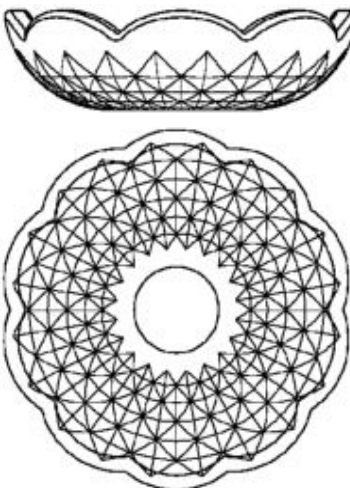
100x26 mm	4,0079	6	108
100x26 mm - 4 SH	5,5280		
100x26 mm - 6 SH	6,2880		
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		
<u>drilling of bigger CH :</u>	1,2500		



Z.9859 (lead crystal - machine pressed)

center hole: 24 mm

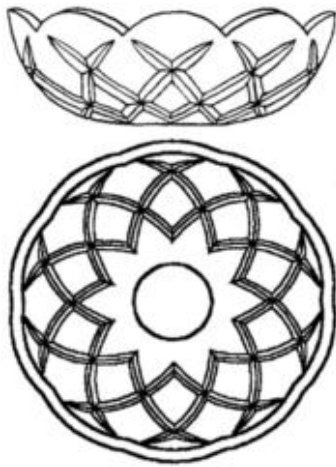
100x35 mm	4,0079	6	108
100x35 mm - 4 SH	5,5280		
100x35 mm - 5 SH	5,9080		
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		
<u>drilling of bigger CH :</u>	1,2500		



Z.9853 (lead crystal - machine pressed)

center hole: 24 mm

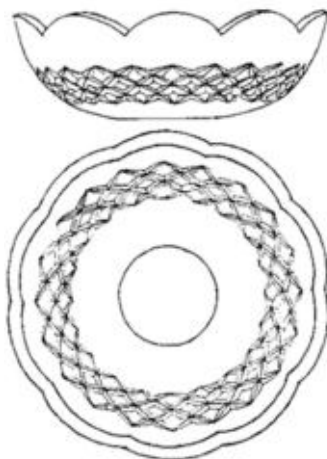
100x24 mm	4,0079	6	108
100x24 mm - 4 SH	5,5280		
100x24 mm - 5 SH	5,9080		
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		
<u>drilling of bigger CH :</u>	1,2500		

CRYSTALminimum
quantity**CLEAR**EURO
pieceBOX
piecesCARTON
pieces**Z.9854 (lead crystal - machine pressed)**center hole: 24 mm

80x20 mm	3,5674	10	240
80x20 mm - 5 SH	5,4674		
100x28 mm	4,0079	6	108
100x28 mm - 5 SH	5,9080		
120x32 mm	4,6578	6	48
120x32 mm - 5 SH	6,5578		
150x40 mm	8,0831	1	32
150x40 mm - 5 SH	9,9831		
200x44 mm	12,9632	1	7
200x44 mm - 7 SH	15,6233		
250x52 mm	22,5369	1	5
250x52 mm - 8 SH	25,5770		
300x64 mm	35,6738	1	5
300x64 mm - 9 SH	39,0938		

drilling of extra SH : | 0,3800 |stud-insertion into SH :

BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

drilling of bigger CH : | 1,2500 |**Z.9855 (lead crystal - hand cut)**center hole: 24 mm

80x20 mm	6,4659	10	240
80x20 mm - 5 SH	8,3659		
100x28 mm	6,7831	6	108
100x28 mm - 5 SH	8,6831		
120x32 mm	7,1383	6	48
120x32 mm - 5 SH	9,0384		
150x40 mm	11,6475	1	32
150x40 mm - 5 SH	13,5475		
200x44 mm	21,1203	1	7
200x44 mm - 7 SH	23,7804		
250x52 mm	31,8983	1	5
250x52 mm - 8 SH	34,9383		
300x64 mm	41,9761	1	5
300x64 mm - 9 SH	45,3962		

drilling of extra SH : | 0,3800 |stud-insertion into SH :

BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

drilling of bigger CH : | 1,2500 |

CRYSTAL	minimum quantity		
CLEAR			
EURO piece	BOX pieces		CARTON pieces



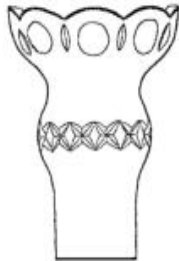
Z.9330 (lead crystal - hand cut)

center hole: 24 mm

22x50 mm	2,6995	6	450
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<u>drilling of extra SH :</u>	0,3800
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<u>stud-insertion into SH :</u>	
BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200



Z.9340 (lead crystal - hand cut)

center hole: 24 mm

80x70 mm	10,0370	1	60
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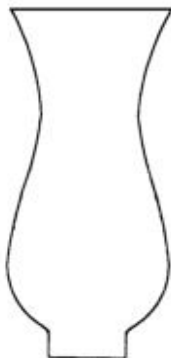
100x76 mm	12,1105	1	48
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<u>drilling of extra SH :</u>	0,3800
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<u>stud-insertion into SH :</u>	
BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

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	16,1275	1	17
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<u>drilling of extra SH :</u>	0,3800
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<u>stud-insertion into SH :</u>	
BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200



Z.9345 (lead crystal - hand cut)

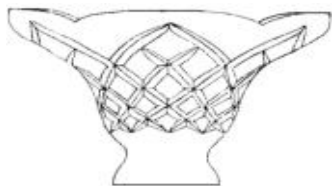
center hole: 35 mm

210x90 mm	27,8142	1	17
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<u>drilling of extra SH :</u>	0,3800
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<u>stud-insertion into SH :</u>	
BRASS	0,0900
CHROME-PLATED	0,1000
GOLD-PLATED	0,1200

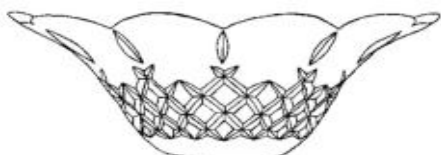
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9350 (lead crystal - hand cut)

center hole: 24 mm

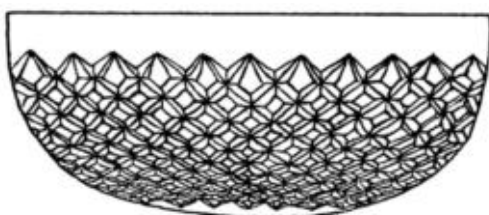
80x135 mm	13,9313	1	16
80x135 mm - 5 SH	15,8313	1	16
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		



Z.9351 (lead crystal - hand cut)

center hole: 24 mm

65x170 mm	21,6559	1	20
65x170 mm - 5 SH	23,5559	1	20
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		
<u>drilling of bigger CH :</u>	1,2500		

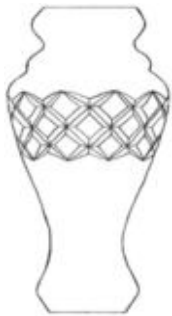


Z.9355 (lead crystal - hand cut)

center hole: 16 mm

100x200 mm	35,7209	1	5
110x250 mm	47,5538	1	3
120x300 mm	64,2546	1	3
<u>drilling of extra SH :</u>	0,3800		
<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		
<u>drilling of bigger CH :</u>	1,2500		

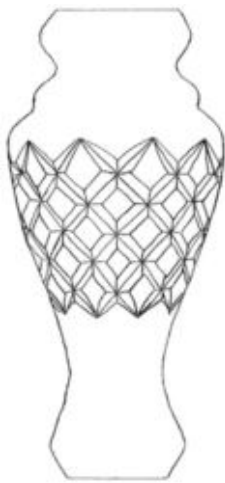
CRYSTAL CLEAR EURO piece	minimum quantity	BOX pieces	CARTON pieces
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Z.9352 (lead crystal - hand cut)

center hole: 24 mm

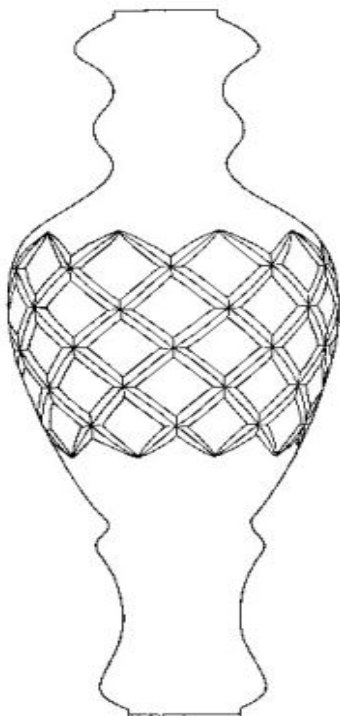
137x60 mm	12,9701	1	32
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Z.9352 (lead crystal - hand cut)

center hole: 28 mm

200x75 mm	16,7778	1	32
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Z.9353 (lead crystal - hand cut)

center hole: 24 mm

257x95 mm	20,9918	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	15,6281	1	17
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<u>drilling of bigger CH :</u>	1,2500		
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Z.9361 (lead crystal - hand cut)

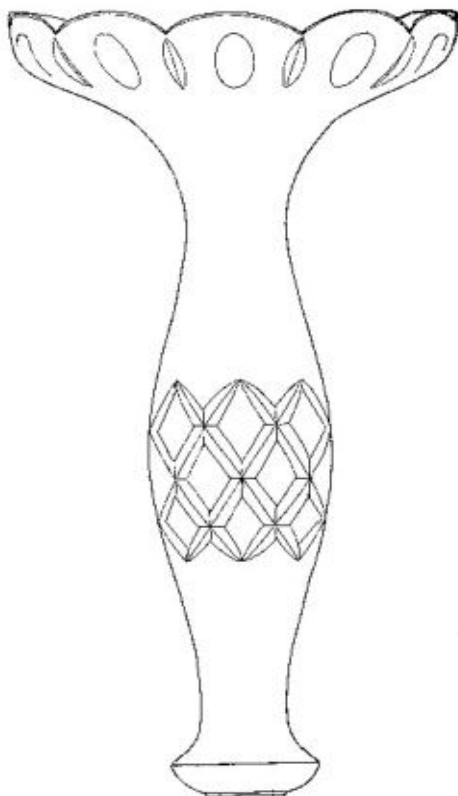
center hole: 16 mm

210x65 mm	15,6281	1	17
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<u>drilling of extra SH :</u>	0,3800		
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<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		

<u>drilling of bigger CH :</u>	1,2500		
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Z.9362 (lead crystal - hand cut)

center hole: 16 mm

275x135 mm	32,6847	1	4
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275x135 mm - 5 SH	34,5848	1	4
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<u>drilling of extra SH :</u>	0,3800		
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<u>stud-insertion into SH :</u>			
BRASS	0,0900		
CHROME-PLATED	0,1000		
GOLD-PLATED	0,1200		

<u>drilling of bigger CH :</u>	1,2500		
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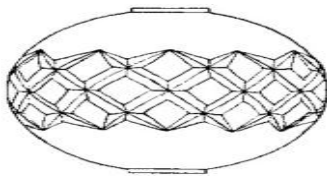
CRYSTAL	minimum quantity		
CLEAR			
EURO piece	BOX pieces	CARTON pieces	



Z.9364 (lead crystal - hand cut)

center hole: 24 mm

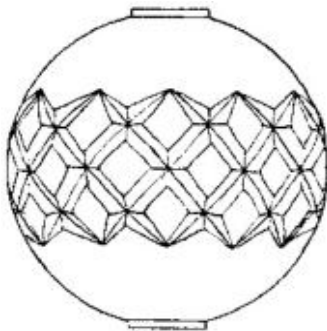
65x60 mm	8,4019	1	80
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Z.9366 (lead crystal - hand cut)

center hole: 28 mm

80x45 mm	8,0638	1	72
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Z.9365 (lead crystal - hand cut)

center hole: 20 mm

60 mm	8,0638	1	48
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center hole: 26 mm

80 mm	9,2343	1	48
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center hole: 26 mm

100 mm	11,4453	1	26
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center hole: 33 mm

125 mm	17,6102	1	8
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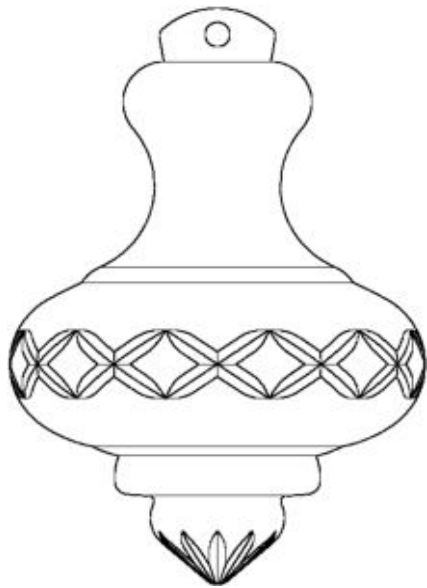
center hole: 40 mm

150 mm	21,5901	1	8
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center hole: 40 mm

200 mm	35,8811	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	11,7406	1	50
150x100 mm	17,4557	1	18
200x135 mm	28,2806	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	0,7977	200	2.400
CHROME PLATED	0,7977	200	2.400
GOLD PLATED	1,0582	200	2.400



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

diameter (outside): 41 mm

diameter (middle): 38 mm

diameter (inside): 11 mm

TRANSPARENT	0,2387	200	2.400
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Z.9680 (damping-ring - softplastic ... for bobeches & centerpieces)

diameter (outside): 32 mm

diameter (inside): 23 mm

TRANSPARENT	0,1669	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	0,0117	7630	305.200
CHROME PLATED	0,0128	7630	305.200
GOLD PLATED	0,0432	7630	305.200



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

diameter: 10 mm

height: 7 mm

CRYSTAL CLEAR	2,0173	100	4.000
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	minimum quantity		
EURO piece	BOX pieces	CARTON pieces	



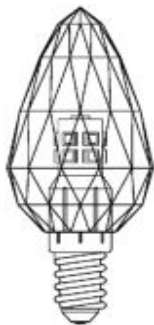
Z.9650 (LED globe-bulb ... solid crystal ... E14 ... 220V ... non-dimmable)

65x40 mm 2.5W 220LM 2700K	8,3721	20	240
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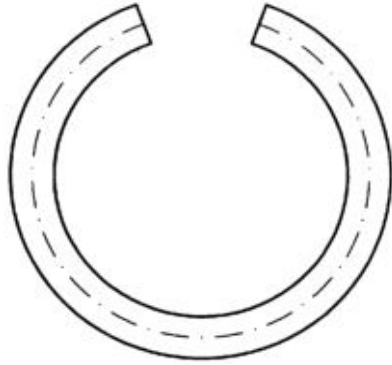
Z.9658 (LED globe-bulb ... solid crystal ... E27 ... 220V ... non-dimmable)

80x50 mm 5W 450LM 2700K	12,8475	6	72
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Z.9655 (LED candle-bulb ... solid crystal ... E14 ... 220V ... DIMMABLE)

95x40 mm 4W 450LM 2700K	8,1657	14	168
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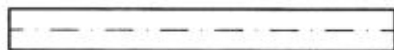
* diameter 70 - 200 mm ... "full ring"



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



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



* "straight"

CRYSTAL	minimum quantity
CLEAR	
EURO piece	CARTON pieces

ARMS-MT

Z.9860 (chandelier crystal - hand made)

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

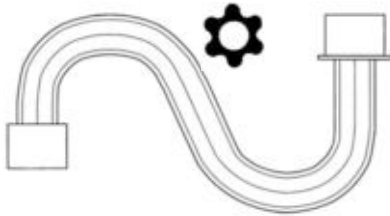
diameter: 17x5 mm

inner diameter:

70 mm	0,8542	200
80 mm	0,8542	200
100 mm	0,9206	200
120 mm	0,9801	200
150 mm	1,1749	200
180 mm	1,2058	100
200 mm	1,2862	100
250 mm	1,2862	100
300 mm	1,2862	100
350 mm	1,2862	100
400 mm	1,2862	100
500 mm	1,2862	100
600 mm	1,2862	100
STRAIGHT / 400mm	1,2862	100

CRYSTALminimum
quantity**CLEAR****EURO
piece****BOX
pieces****CARTON
pieces**

ARMS

**Z.9862 - fluted (chandelier crystal - machine made)**diameter: 19 mmcaps:CHROMEGOLD

150 mm (6")

Ø 22 mm

15,0391

15,0391

6

72

200 mm (8")

Ø 22 mm

16,4063

16,4063

6

72

250 mm (10")

Ø 22 mm

17,7734

17,7734

6

72

diameter: 24 mmcaps:CHROMEGOLD

300 mm (12")

Ø 28 mm

19,9609

19,9609

6

72

400 mm (16")

Ø 28 mm

27,3438

27,3438

6

72

diameter: 30 mmcaps:CHROMEGOLD

500 mm (20")

Ø 35 mm

54,0784

54,0784

6

72

600 mm (24")

Ø 35 mm

64,8941

64,8941

6

72

700 mm (28")

Ø 35 mm

81,6247

81,6247

6

72

800 mm (32")

Ø 35 mm

92,5248

92,5248

6

72

**Z.9863 - twisted (chandelier crystal - machine made)**diameter: 19 mmcaps:CHROMEGOLD

150 mm (6")

Ø 22 mm

16,4063

16,4063

6

72

200 mm (8")

Ø 22 mm

20,5078

20,5078

6

72

250 mm (10")

Ø 22 mm

24,6094

24,6094

6

72

diameter: 24 mmcaps:CHROMEGOLD

300 mm (12")

Ø 28 mm

28,7109

28,7109

6

72

400 mm (16")

Ø 28 mm

38,2813

38,2813

6

72

diameter: 30 mmcaps:CHROMEGOLD

500 mm (20")

Ø 35 mm

66,7531

66,7531

6

72

600 mm (24")

Ø 35 mm

80,1037

80,1037

6

72

700 mm (28")

Ø 35 mm

95,3133

95,3133

6

72

800 mm (32")

Ø 35 mm

110,2693

110,2693

6

72

height x width

CRYSTAL

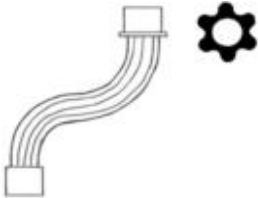
minimum
quantity

CLEAR

**EURO
piece**

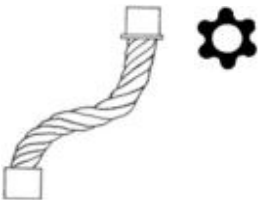
**BOX
pieces**

**CARTON
pieces**



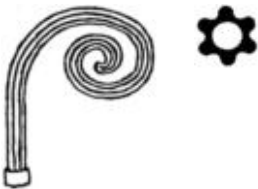
Z.9868 - fluted (chandelier crystal - machine made)

diameter: 19 mm	caps:	CHROME	GOLD		
200x140 mm (8")	Ø 22 mm	16,4063	16,4063	6	72



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

diameter: 19 mm	caps:	CHROME	GOLD		
200x140 mm (8")	Ø 22 mm	17,7734	17,7734	6	72



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

diameter: 19 mm	cap:	CHROME	GOLD		
150x140 mm (6")	Ø 22 mm	12,3047	12,3047	6	72
200x140 mm (8")	Ø 22 mm	15,0391	15,0391	6	72



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

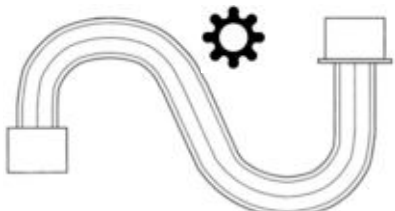
diameter: 19 mm	cap:	CHROME	GOLD		
150x140 mm (6")	Ø 22 mm	13,6719	13,6719	6	72
200x140 mm (8")	Ø 22 mm	16,4063	16,4063	6	72

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	5,1374	5,9401	6	72
150 mm (6")	Ø 22 mm	5,1374	5,9401	6	72
180 mm (7")	Ø 22 mm	5,3621	6,1970	6	72
200 mm (8")	Ø 22 mm	5,8277	6,6625	6	72
250 mm (10")	Ø 22 mm	6,3254	7,1442	6	72
300 mm (12")	Ø 22 mm	7,2084	8,0914	6	72
350 mm (14")	Ø 22 mm	10,5477	11,4788	6	72
400 mm (16")	Ø 22 mm	12,2334	13,1806	6	72
450 mm (18")	Ø 22 mm	23,6640	24,6594	6	72
500 mm (20")	Ø 22 mm	37,4065	38,3858	6	72
diameter: 25 mm	caps :	CHROME	GOLD		
300 mm (12")	Ø 30 mm	20,6940	22,3315	6	72
350 mm (14")	Ø 30 mm	26,3611	28,0629	6	72
400 mm (16")	Ø 30 mm	33,9227	35,6084	6	72
450 mm (18")	Ø 30 mm	37,6794	39,3490	6	72
500 mm (20")	Ø 30 mm	44,2135	45,8992	6	72
550 mm (22")	Ø 30 mm	47,8418	49,5114	6	72
600 mm (24")	Ø 30 mm	52,7062	54,3919	6	72
diameter: 30 mm	caps :	CHROME	GOLD		
650 mm (26")	Ø 35 mm	70,2535	72,7419	6	72
700 mm (28")	Ø 35 mm	74,1066	76,5789	6	72
800 mm (32")	Ø 35 mm	91,6699	94,1584	6	72



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

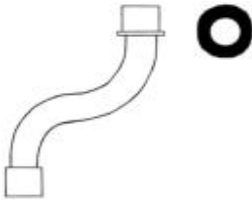
diameter: 19 mm	caps :	CHROME	GOLD		
125 mm (5")	Ø 22 mm	5,1374	5,9401	6	72
150 mm (6")	Ø 22 mm	5,1374	5,9401	6	72
180 mm (7")	Ø 22 mm	5,3621	6,1970	6	72
200 mm (8")	Ø 22 mm	5,8277	6,6625	6	72
250 mm (10")	Ø 22 mm	6,3254	7,1442	6	72
300 mm (12")	Ø 22 mm	7,2084	8,0914	6	72
350 mm (14")	Ø 22 mm	10,5477	11,4788	6	72
400 mm (16")	Ø 22 mm	12,2334	13,1806	6	72
450 mm (18")	Ø 22 mm	23,6640	24,6594	6	72
500 mm (20")	Ø 22 mm	37,4065	38,3858	6	72
diameter: 25 mm	caps :	CHROME	GOLD		
300 mm (12")	Ø 30 mm	20,6940	22,3315	6	72
350 mm (14")	Ø 30 mm	26,3611	28,0629	6	72
400 mm (16")	Ø 30 mm	33,9227	35,6084	6	72
450 mm (18")	Ø 30 mm	37,6794	39,3490	6	72
500 mm (20")	Ø 30 mm	44,2135	45,8992	6	72
550 mm (22")	Ø 30 mm	47,8418	49,5114	6	72
600 mm (24")	Ø 30 mm	52,7062	54,3919	6	72
diameter: 30 mm	caps :	CHROME	GOLD		
650 mm (26")	Ø 35 mm	70,2535	72,7419	6	72
700 mm (28")	Ø 35 mm	74,1066	76,5789	6	72
800 mm (32")	Ø 35 mm	91,6699	94,1584	6	72



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

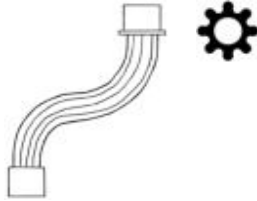
diameter: 19 mm	caps :	CHROME	GOLD		
125 mm (5")	Ø 22 mm	5,1374	5,9401	6	72
150 mm (6")	Ø 22 mm	5,1374	5,9401	6	72
180 mm (7")	Ø 22 mm	5,3621	6,1970	6	72
200 mm (8")	Ø 22 mm	5,8277	6,6625	6	72
250 mm (10")	Ø 22 mm	6,3254	7,1442	6	72
300 mm (12")	Ø 22 mm	7,2084	8,0914	6	72
350 mm (14")	Ø 22 mm	10,5477	11,4788	6	72
400 mm (16")	Ø 22 mm	12,2334	13,1806	6	72
450 mm (18")	Ø 22 mm	23,6640	24,6594	6	72
500 mm (20")	Ø 22 mm	37,4065	38,3858	6	72
diameter: 25 mm	caps :	CHROME	GOLD		
300 mm (12")	Ø 30 mm	20,6940	22,3315	6	72
350 mm (14")	Ø 30 mm	26,3611	28,0629	6	72
400 mm (16")	Ø 30 mm	33,9227	35,6084	6	72
450 mm (18")	Ø 30 mm	37,6794	39,3490	6	72
500 mm (20")	Ø 30 mm	44,2135	45,8992	6	72
550 mm (22")	Ø 30 mm	47,8418	49,5114	6	72
600 mm (24")	Ø 30 mm	52,7062	54,3919	6	72
diameter: 30 mm	caps :	CHROME	GOLD		
650 mm (26")	Ø 35 mm	70,2535	72,7419	6	72
700 mm (28")	Ø 35 mm	74,1066	76,5789	6	72
800 mm (32")	Ø 35 mm	91,6699	94,1584	6	72

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



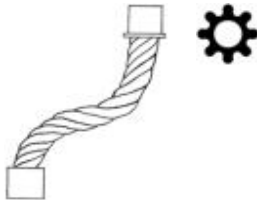
Z.9884 - smooth (chandelier crystal - hand made)

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm (6")	Ø 22 mm	5,8277	6,6625	6	72
200x150 mm (8")	Ø 22 mm	6,3254	7,1442	6	72
250x180 mm (10")	Ø 22 mm	7,2084	8,0914	6	72



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

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm (6")	Ø 22 mm	5,8277	6,6625	6	72
200x150 mm (8")	Ø 22 mm	6,3254	7,1442	6	72
250x180 mm (10")	Ø 22 mm	7,2084	8,0914	6	72



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

diameter: 19 mm	caps :	CHROME	GOLD		
150x100 mm (6")	Ø 22 mm	5,8277	6,6625	6	72
200x150 mm (8")	Ø 22 mm	6,3254	7,1442	6	72
250x180 mm (10")	Ø 22 mm	7,2084	8,0914	6	72



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

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm (6")	Ø 22 mm	6,0364	6,5020	6	72
200x150 mm (8")	Ø 22 mm	6,0364	6,5020	6	72
250x150 mm (10")	Ø 22 mm	6,0364	6,5020	6	72



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

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm (6")	Ø 22 mm	6,0364	6,5020	6	72
200x150 mm (8")	Ø 22 mm	6,0364	6,5020	6	72
250x150 mm (10")	Ø 22 mm	6,0364	6,5020	6	72



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

diameter: 19 mm	caps :	CHROME	GOLD		
150x150 mm (6")	Ø 22 mm	6,0364	6,5020	6	72
200x150 mm (8")	Ø 22 mm	6,0364	6,5020	6	72
250x150 mm (10")	Ø 22 mm	6,0364	6,5020	6	72

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

	EURO piece	minimum quantity BOX pieces	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

| 0,5305 |
| 0,8620 |

200
200

2.400
2.400

inner diameter: 35 mm

CHROME PLATED
GOLD PLATED

| 0,5971 |
| 0,9285 |

200
200

2.400
2.400



Z.9672 (plastic - machine made)

diameter: 5 mm ... round shape

inner diameter: 38 mm

TRANSPARENT

| 0,3306 |

200

2.400



Z.9674 (chandelier crystal - hand made)

diameter: 5 mm ... round shape

inner diameter: 32 mm

CRYSTAL CLEAR

| 0,5407 |

80

960



Z.9675 (chandelier crystal - hand made)

diameter: 5 mm ... triangular shape

inner diameter: 30 mm

CRYSTAL CLEAR

wire:
CHROME |

2,4609 |

200

2.400

inner diameter: 35 mm

CRYSTAL CLEAR

wire:
CHROME |

3,0078 |

150

1.800

inner diameter: 45 mm

CRYSTAL CLEAR

wire:
CHROME |

3,2813 |

100

1.200

	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

| 2,9331|

72

864

inner diameter: 44 mm

CRYSTAL CLEAR

| 2,9783|

60

720



Z.9677 (chandelier crystal - machine cut)

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

inner diameter: 30 mm

CRYSTAL CLEAR

| 4,6288|

100

1.200

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

inner diameter: 35 mm

CRYSTAL CLEAR

| 4,9166|

80

960

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

inner diameter: 40 mm

CRYSTAL CLEAR

| 4,9315|

60

720

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

inner diameter: 45 mm

CRYSTAL CLEAR

| 5,9752|

40

480

		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	0,9842	0,9842	40	480
55 mm	0,9842	0,9842	40	480
60 mm	0,9842	0,9842	40	480
65 mm	1,0034	1,0034	40	480
70 mm	1,0034	1,0034	36	432
75 mm	1,2585	1,2585	36	432
80 mm	1,3258	1,3258	32	384
85 mm	1,3932	1,3932	32	384
90 mm	1,4077	1,4077	26	312
95 mm	1,4221	1,4221	26	312
100 mm	1,4558	1,4558	26	312
110 mm	1,5352	1,5352	20	240
120 mm	1,6146	1,6146	20	240
130 mm	1,7830	1,7830	20	240
140 mm	1,9755	1,9755	16	192
150 mm	2,1584	2,1584	16	192
160 mm	2,2883	2,2883	16	192
170 mm	2,4833	2,4833	10	120
180 mm	2,6252	2,6252	10	120
190 mm	2,8875	2,8875	8	96
200 mm	3,0319	3,0319	8	96
210 mm	3,1835	3,1835	8	96
220 mm	3,3423	3,3423	8	96
230 mm	3,5107	3,5107	8	96
240 mm	3,6864	3,6864	8	96
250 mm ... maximum length	3,8717	3,8717	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	6,5375		26	312
100 mm CHROME PLATED	7,5544		26	312
100 mm GOLD PLATED	8,7166		26	312
+ bespoke lengths	on request			

	EURO piece	minimum quantity	BOX pieces	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	12,1472	10	600
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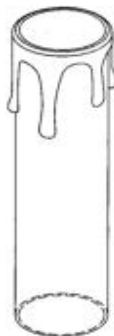


Z.9667 (plastic - machine made)

diameter (outside): 26 mm

diameter (inside): 24 mm

65 mm	WHITE	0,2075	50	600
65 mm	IVORY	0,2075	50	600
65 mm	BROWN	0,2075	50	600
85 mm	WHITE	0,3459	40	480
85 mm	IVORY	0,3459	40	480
85 mm	BROWN	0,3459	40	480
100 mm	WHITE	0,4372	32	384
100 mm	IVORY	0,4372	32	384
100 mm	BROWN	0,4372	32	384



Z.9668 (plastic - machine made)

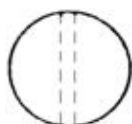
diameter (outside): 26 mm

diameter (inside): 24 mm

65 mm	WHITE	0,2601	40	480
65 mm	IVORY	0,2601	40	480
65 mm	BROWN	0,2601	40	480
65 mm	BROWN-antique	0,3902	40	480
85 mm	WHITE	0,4261	32	384
85 mm	IVORY	0,4261	32	384
85 mm	BROWN	0,4261	32	384
85 mm	BROWN-antique	0,6392	32	384
100 mm	WHITE	0,5064	26	312
100 mm	IVORY	0,5064	26	312
100 mm	BROWN	0,5064	26	312
100 mm	BROWN-antique	0,7596	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	0,0096	0,1426		16.000	192.000
6 mm	0,0134	0,1464		12.000	144.000
8 mm	0,0234	0,1563		6.000	72.000
10 mm	0,0409	0,1739		3.000	36.000
12 mm	0,0607	0,1937		2.000	24.000
14 mm	0,1110	0,2439		1.200	14.400
16 mm	0,1758	0,3749		400	4.800
18 mm	0,2482	0,4473		320	3.840
20 mm	0,3971	0,6471		320	3.840
25 mm	0,7095	1,0706		150	1.800
30 mm	1,6384	2,3174		48	576
40 mm	2,1900	3,0182		40	480



Z.9281 (chandelier crystal - machine made)

2,0 mm	0,0017	0,1538		2.125	25.500
2,0 mm CHROME	0,0020			2.125	25.500
2,0 mm GOLD	0,0020			2.125	25.500
2,3 mm	0,0021	0,1542		1.700	20.400
2,3 mm CHROME	0,0024			1.700	20.400
2,3 mm GOLD	0,0024			1.700	20.400
2,6 mm	0,0032	0,1553		1.133	13.596
2,6 mm CHROME	0,0037			1.133	13.596
2,6 mm GOLD	0,0037			1.133	13.596
3,1 mm	0,0051	0,1572		708	8.496
3,1 mm CHROME	0,0059			708	8.496
3,1 mm GOLD	0,0059			708	8.496
3,5 mm	0,0091	0,1612		395	4.740
3,5 mm CHROME	0,0105			395	4.740
3,5 mm GOLD	0,0105			395	4.740
4,0 mm	0,0134	0,1655		270	3.240
4,0 mm CHROME	0,0154			270	3.240
4,0 mm GOLD	0,0154			270	3.240



Z.9299 (chandelier crystal - machine made)

9x20 mm	0,2658	0,5158		320	3.840
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Z.9271 (chandelier crystal - machine made)

16x9 mm	0,0897	0,2888		2.000	24.000
18x11 mm	0,1460	0,3451		1.500	18.000
20x13 mm	0,1928	0,4427		900	10.800
24x15 mm	0,5611	0,8111		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	0,0257	0,1587			16.000	192.000
6 mm	0,0549	0,1879			12.000	144.000
8 mm	0,0739	0,2069	0,1118	0,2448	6.000	72.000
10 mm	0,0838	0,2168			3.000	36.000
12 mm	0,1451	0,2781			2.000	24.000
14 mm	0,2278	0,3607			1.200	14.400
16 mm	0,3533	0,5524			400	4.800
18 mm	0,4409	0,6400			320	3.840
20 mm	0,5285	0,7784			320	3.840
25 mm	1,3140	1,6751			150	1.800
30 mm	2,1730	2,8520			48	576
40 mm	3,0405	3,8688			40	480



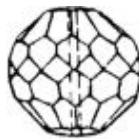
6-30mm
4 rows of facets

32-40mm
5 rows of facets

Z.9294 (chandelier crystal - machine cut) *

6 mm	0,0254	0,1584	0,0564	0,1894	1.680	20.160
8 mm	0,0339	0,1669	0,0754	0,2084	1.540	18.480
10 mm	0,0511	0,1841	0,1136	0,2466	1.260	15.120
12 mm	0,0941	0,2271	0,2092	0,3422	1.120	13.440
14 mm	0,1778	0,3108	0,3952	0,5282	980	11.760
16 mm	0,2991	0,4982	0,7385	0,9376	300	3.600
18 mm	0,4828	0,6819	1,2621	1,4612	300	3.600
20 mm	0,6251	0,8750	1,5434	1,7933	120	1.440
22 mm	0,8211	1,0919	1,8246	2,0955	120	1.440
24 mm	1,2025	1,5052	2,8130	3,1157	120	1.440
26 mm	1,3684	1,7500	3,0409	3,4225	72	864
28 mm	1,5738	2,0181	3,4973	4,0218	72	864
<u>30 mm</u>	1,7105	2,3895	3,8011	4,4801	72	864
32 mm	3,0897	3,7491	6,1795	6,8388	40	480
34 mm	3,7680	4,5459	7,5359	8,2455	40	480
36 mm	4,5216	5,2748	9,0431	9,7964	34	408
38 mm	5,8780	6,6822	11,7561	12,5602	34	408
40 mm	7,6414	8,4696	15,2829	16,1110	34	408

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



Z.9291 (chandelier crystal - machine cut) *

4 mm	0,0136	0,1656	0,0271	0,1791	14.400	172.800
5 mm	0,0167	0,1687	0,0334	0,1854	14.400	172.800
6 mm	0,0202	0,1722	0,0404	0,1924	12.000	144.000
7 mm	0,0255	0,1775	0,0510	0,2030	9.000	108.000
8 mm	0,0358	0,1878	0,0717	0,2236	6.000	72.000
9 mm	0,0656	0,2176	0,1312	0,2832	4.000	48.000
10 mm	0,0735	0,2255	0,1471	0,2991	3.000	36.000
12 mm	0,1237	0,2757	0,2474	0,3994	2.000	24.000
14 mm	0,2209	0,3728	0,4417	0,5937	1.200	14.400
16 mm	0,3757	0,6033	0,7514	0,9789	400	4.800
18 mm	0,5622	0,7898	1,1244	1,3519	320	3.840
20 mm	0,8657	1,1513	1,7313	2,0170	320	3.840

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



Z.9290 (chandelier crystal - machine cut)

20 mm	1,0307	1,4381			144	1.728
25 mm	1,5668	1,9279			48	576
30 mm	2,1754	2,8543			48	576
40 mm	4,0733	4,9016			40	480
50 mm	5,2742	6,9690			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	0,0204	0,1534		16.000	192.000
6 mm	0,0409	0,1739		12.000	144.000
8 mm	0,0555	0,1885		6.000	72.000
10 mm	0,1387	0,2717		3.000	36.000
12 mm	0,2190	0,3520		2.000	24.000
14 mm	0,3376	0,4706		1.200	14.400



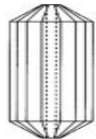
Z.9242 (chandelier crystal - machine cut)

30x12 mm	0,3971	0,9513		180	2.160
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Z.9250 (chandelier crystal - machine cut)

7x14 mm	0,0725	0,2450		1.800	21.600
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Z.9251 (chandelier crystal - machine cut)

32x22 mm	1,7794	2,3217		96	1.152
50x22 mm	2,7118	3,4960		48	576
63x22 mm	3,3133	4,3395		48	576
76x22 mm	4,2856	5,5227		20	240
89x22 mm	5,1876	6,6572		20	240
100x22 mm	5,5097	7,1600		15	180
125x22 mm	6,6449	8,7556		15	180
150x22 mm	8,3934	10,9303		10	120
175x22 mm	10,7250	13,7460		10	120
200x22 mm	13,3150	17,1108		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	0,0117	0,1447		16.000	192.000
6 mm	0,0204	0,1534		12.000	144.000
8 mm	0,0263	0,1593		6.000	72.000
10 mm	0,0380	0,1709		3.000	36.000
12 mm	0,0672	0,2001		2.000	24.000
14 mm	0,1489	0,3480		1.200	14.400



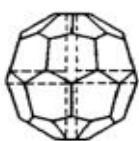
Z.9261 (chandelier crystal - machine cut)

16x9 mm	0,4871	0,6863		2.000	24.000
18x11 mm	0,5673	0,7665		1.500	18.000
20x13 mm	0,7209	0,9709		900	10.800



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

4 mm	0,0070	0,1400		16.000	192.000
5 mm	0,0103	0,1433		14.000	168.000
6 mm	0,0152	0,1482		12.000	144.000
7 mm	0,0222	0,1552		4.000	48.000
8 mm	0,0331	0,1661		2.000	24.000
9 mm	0,0477	0,1807		2.000	24.000
10 mm	0,0651	0,1981		1.500	18.000
12 mm	0,1244	0,2574		1.500	18.000
14 mm	0,1873	0,3203		1.200	14.400
16 mm	0,3184	0,5176		400	4.800
18 mm	0,4849	0,6840		320	3.840
20 mm	0,9974	1,2831		320	3.840



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

10 mm	0,2424	0,3753		3.000	36.000
20 mm	0,7679	1,0179		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	3,4824
CRYSTAL AB	4,4291
CRYSTAL AFLAME	4,4291
CRYSTAL AMBER	4,4291
CRYSTAL ANTIQUE	4,4291
CRYSTAL GOLD	4,4291
CRYSTAL SILVER	4,4291
ALEXANDRITE	6,9648
AMETHYST	6,9648
AQUAMARINE	6,9648
EMERALD	6,9648
JET	6,9648
ROSALIN	6,9648
RUBY	6,9648
SAPPHIRE	6,9648
SMOKE	6,9648
TOPAZ	6,9648



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	1,4198	1,7747	2,2874	3,0762	4,1805
CRYSTAL AB	1,8857	2,3957	3,0634	3,9373	5,1272
CRYSTAL AFLAME	1,8857	2,3957	3,0634	3,9373	5,1272
CRYSTAL AMBER	1,8857	2,3957	3,0634	3,9373	5,1272
CRYSTAL ANTIQUE	1,8857	2,3957	3,0634	3,9373	5,1272
CRYSTAL GOLD	1,8857	2,3957	3,0634	3,9373	5,1272
CRYSTAL SILVER	1,8857	2,3957	3,0634	3,9373	5,1272
ALEXANDRITE	2,8396	2,5635	3,3128	4,4565	5,9946
AMETHYST	2,8396	2,5635	3,3128	4,4565	5,9946
AQUAMARINE	2,8396	2,5635	3,3128	4,4565	5,9946
EMERALD	2,8396	2,5635	3,3128	4,4565	5,9946
JET	2,8396	2,5635	3,3128	4,4565	5,9946
ROSALIN	2,8396	2,5635	3,3128	4,4565	5,9946
RUBY	2,8396	2,5635	3,3128	4,4565	5,9946
SAPPHIRE	2,8396	2,5635	3,3128	4,4565	5,9946
SMOKE	2,8396	2,5635	3,3128	4,4565	5,9946
TOPAZ	2,8396	2,5635	3,3128	4,4565	5,9946

50 mm
60 mm

BOX pieces	10	10
CARTON pieces	120	120
CRYSTAL CLEAR	8,2820	10,6483
CRYSTAL AB	9,7885	12,8577
CRYSTAL AFLAME	9,7885	12,8577
CRYSTAL AMBER	9,7885	12,8577
CRYSTAL ANTIQUE	9,7885	12,8577
CRYSTAL GOLD	9,7885	12,8577
CRYSTAL SILVER	9,7885	12,8577
ALEXANDRITE	11,1610	14,3161
AMETHYST	11,1610	14,3161
AQUAMARINE	11,1610	14,3161
EMERALD	11,1610	14,3161
JET	11,1610	14,3161
ROSALIN	11,1610	14,3161
RUBY	11,1610	14,3161
SAPPHIRE	11,1610	14,3161
SMOKE	11,1610	14,3161
TOPAZ	11,1610	14,3161

EURO piece	EURO piece	EURO piece	EURO piece	EURO piece
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Z.9420 (chandelier crystal)	50x20 mm	75x24 mm	100x28 mm	125x30 mm	150x32 mm
BOX pieces	108	72	30	24	12
CARTON pieces	1.296	864	360	288	144
CRYSTAL CLEAR	1,0216	1,4304	1,9413	2,4520	3,0650
CRYSTAL AB	1,4766	2,0663	2,7612	3,4970	4,2763
CRYSTAL AFLAME	1,4766	2,0663	2,7612	3,4970	4,2763
CRYSTAL AMBER	1,4766	2,0663	2,7612	3,4970	4,2763
CRYSTAL ANTIQUE	1,4766	2,0663	2,7612	3,4970	4,2763
CRYSTAL GOLD	1,4766	2,0663	2,7612	3,4970	4,2763
CRYSTAL SILVER	1,4766	2,0663	2,7612	3,4970	4,2763
ALEXANDRITE	2,2476	3,1468	4,2707	5,3945	6,7430
AMETHYST	2,2476	3,1468	4,2707	5,3945	6,7430
AQUAMARINE	2,2476	3,1468	4,2707	5,3945	6,7430
EMERALD	2,2476	3,1468	4,2707	5,3945	6,7430
JET	2,2476	3,1468	4,2707	5,3945	6,7430
ROSALIN	2,2476	3,1468	4,2707	5,3945	6,7430
RUBY	2,2476	3,1468	4,2707	5,3945	6,7430
SAPPHIRE	2,2476	3,1468	4,2707	5,3945	6,7430
SMOKE	2,2476	3,1468	4,2707	5,3945	6,7430
TOPAZ	2,2476	3,1468	4,2707	5,3945	6,7430



Z.9430 (chandelier crystal)	100x50 mm	200x50 mm	300x50 mm	400x50 mm	500x50 mm
BOX pieces	6	6	10	10	10
CARTON pieces	72	72	50	50	50
CRYSTAL CLEAR	7,2172	7,6195	9,1339	10,1475	10,9086
CRYSTAL AB	14,8896	19,8399	26,4997	33,7559	42,8783
CRYSTAL AFLAME	14,8896	19,8399	26,4997	33,7559	42,8783
CRYSTAL AMBER	14,8896	19,8399	26,4997	33,7559	42,8783
CRYSTAL ANTIQUE	14,8896	19,8399	26,4997	33,7559	42,8783
CRYSTAL GOLD	14,8896	19,8399	26,4997	33,7559	42,8783
CRYSTAL SILVER	14,8896	19,8399	26,4997	33,7559	42,8783
ALEXANDRITE	14,4344	15,2389	18,2678	20,2949	21,8172
AMETHYST	14,4344	15,2389	18,2678	20,2949	21,8172
AQUAMARINE	14,4344	15,2389	18,2678	20,2949	21,8172
EMERALD	14,4344	15,2389	18,2678	20,2949	21,8172
JET	14,4344	15,2389	18,2678	20,2949	21,8172
ROSALIN	14,4344	15,2389	18,2678	20,2949	21,8172
RUBY	14,4344	15,2389	18,2678	20,2949	21,8172
SAPPHIRE	14,4344	15,2389	18,2678	20,2949	21,8172
SMOKE	14,4344	15,2389	18,2678	20,2949	21,8172
TOPAZ	14,4344	15,2389	18,2678	20,2949	21,8172

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	1,3427	1,4037	1,4851	1,8920	1,8920
CRYSTAL AB	1,7640	2,0396	2,3049	2,9370	2,9370
CRYSTAL AFLAME	1,7640	2,0396	2,3049	2,9370	2,9370
CRYSTAL AMBER	1,7640	2,0396	2,3049	2,9370	2,9370
CRYSTAL ANTIQUE	1,7640	2,0396	2,3049	2,9370	2,9370
CRYSTAL GOLD	1,7640	2,0396	2,3049	2,9370	2,9370
CRYSTAL SILVER	1,7640	2,0396	2,3049	2,9370	2,9370
ALEXANDRITE	1,3427	1,4037	1,4851	1,8920	1,8920
AMETHYST	1,3427	1,4037	1,4851	1,8920	1,8920
AQUAMARINE	1,3427	1,4037	1,4851	1,8920	1,8920
EMERALD	1,3427	1,4037	1,4851	1,8920	1,8920
JET	1,3427	1,4037	1,4851	1,8920	1,8920
ROSALIN	1,3427	1,4037	1,4851	1,8920	1,8920
RUBY	1,3427	1,4037	1,4851	1,8920	1,8920
SAPPHIRE	1,3427	1,4037	1,4851	1,8920	1,8920
SMOKE	1,3427	1,4037	1,4851	1,8920	1,8920
TOPAZ	1,3427	1,4037	1,4851	1,8920	1,8920

200x24 mm	250x26 mm
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BOX pieces	20	20
CARTON pieces	240	240
CRYSTAL CLEAR	2,9092	3,7026
CRYSTAL AB	8,6491	11,8530
CRYSTAL AFLAME	8,6491	11,8530
CRYSTAL AMBER	8,6491	11,8530
CRYSTAL ANTIQUE	8,6491	11,8530
CRYSTAL GOLD	8,6491	11,8530
CRYSTAL SILVER	8,6491	11,8530
ALEXANDRITE	2,9092	3,7026
AMETHYST	2,9092	3,7026
AQUAMARINE	2,9092	3,7026
EMERALD	2,9092	3,7026
JET	2,9092	3,7026
ROSALIN	2,9092	3,7026
RUBY	2,9092	3,7026
SAPPHIRE	2,9092	3,7026
SMOKE	2,9092	3,7026
TOPAZ	2,9092	3,7026



Z.9433 (chandelier crystal)	160x15 mm
BOX pieces	32
CARTON pieces	384
CRYSTAL CLEAR	2,1772
CRYSTAL AB	3,7395
CRYSTAL AFLAME	3,7395
CRYSTAL AMBER	3,7395
CRYSTAL ANTIQUE	3,7395
CRYSTAL GOLD	3,7395
CRYSTAL SILVER	3,7395

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

		EURO piece	minimum quantity BOX pieces	CARTON pieces
35 mm	CRYSTAL CLEAR	3,0959	30	360
35 mm	CRYSTAL FROSTED	3,7995	30	360
35 mm	EMERALD	3,7995	30	360
35 mm	RUBY	3,7995	30	360

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

50 mm	CRYSTAL CLEAR	3,2648	30	360
50 mm	CRYSTAL FROSTED	4,2780	30	360
50 mm	EMERALD	4,2780	30	360
50 mm	TOPAZ	4,2780	30	360

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

35 mm	CRYSTAL CLEAR	2,9552	30	360
35 mm	CRYSTAL FROSTED	3,9965	30	360
35 mm	EMERALD	3,9965	30	360
35 mm	TOPAZ	3,9965	30	360

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

38 mm	CRYSTAL CLEAR	2,3641	30	360
38 mm	CRYSTAL FROSTED	3,2929	30	360
38 mm	EMERALD	3,2929	30	360
38 mm	AMETHYST	3,2929	30	360

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

24 mm	CRYSTAL CLEAR	2,2234	30	360
24 mm	CRYSTAL FROSTED	2,9270	30	360
24 mm	EMERALD	2,9270	30	360
24 mm	RUBY	2,9270	30	360

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

32 mm	CRYSTAL CLEAR	2,3641	30	360
32 mm	CRYSTAL FROSTED	3,0959	30	360
32 mm	EMERALD	3,0959	30	360
32 mm	TOPAZ	3,0959	30	360

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

23 mm	CRYSTAL CLEAR	1,9983	30	360
23 mm	CRYSTAL FROSTED	2,7300	30	360
23 mm	EMERALD	2,7300	30	360
23 mm	RUBY	2,7300	30	360

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

19 mm	CRYSTAL CLEAR	1,5761	30	360
19 mm	CRYSTAL FROSTED	2,2797	30	360
19 mm	EMERALD	2,2797	30	360
19 mm	RUBY	2,2797	30	360

	EURO piece	minimum quantity BOX pieces	CARTON pieces
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Z.9448 - grape (chandelier crystal)

40x40 mm	CRYSTAL CLEAR	3,5971	25	300
40x40 mm	CRYSTAL FROSTED	4,0689	25	300
40x40 mm	EMERALD	4,0689	25	300
60x40 mm	CRYSTAL CLEAR	9,3467	25	300
60x40 mm	CRYSTAL FROSTED	10,9388	25	300
60x40 mm	EMERALD	10,9388	25	300
60x40 mm	AMETHYST	10,9388	25	300
80x40 mm	CRYSTAL CLEAR	13,9168	25	300
80x40 mm	CRYSTAL FROSTED	16,5704	25	300
80x40 mm	EMERALD	16,5704	25	300
80x40 mm	AMETHYST	16,5704	25	300



Z.9436 - leave (chandelier crystal)

22x19 mm	CRYSTAL CLEAR	0,3891	100	1.200
22x19 mm	CRYSTAL FROSTED	0,4447	100	1.200
22x19 mm	EMERALD	0,4447	100	1.200
22x19 mm	TOPAZ	0,4447	100	1.200
36x30 mm	EMERALD	0,9171	100	1.200



Z.9435 - leave (chandelier crystal)

33x21 mm	CRYSTAL CLEAR	0,6353	100	1.200
33x21 mm	CRYSTAL FROSTED	0,9171	100	1.200
33x21 mm	EMERALD	0,9171	100	1.200
33x21 mm	TOPAZ	0,9171	100	1.200

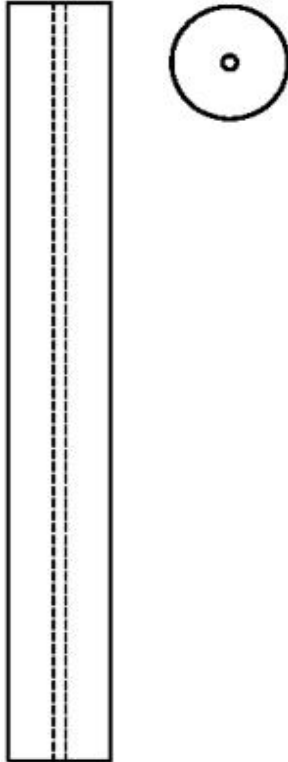


Z.9490 - bird (chandelier crystal) ... center-hole for hanging: approx. 2mm

100 mm	CRYSTAL CLEAR	13,8064	3	36
100 mm	CRYSTAL AB	24,0389	3	36
100 mm	CRYSTAL AFLAME	24,0389	3	36
100 mm	CRYSTAL AMBER	24,0389	3	36
100 mm	CRYSTAL ANTIQUE	24,0389	3	36
100 mm	CRYSTAL GOLD	24,0389	3	36
100 mm	CRYSTAL SILVER	24,0389	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	0,1461	3000	36.000
30 mm	CRYSTAL WHITE-OPAL	0,1461	3000	36.000
40 mm	CRYSTAL CLEAR	0,1791	3000	36.000
40 mm	CRYSTAL WHITE-OPAL	0,1791	3000	36.000
50 mm	CRYSTAL CLEAR	0,2041	3000	36.000
50 mm	CRYSTAL WHITE-OPAL	0,2041	3000	36.000
60 mm	CRYSTAL CLEAR	0,2193	3000	36.000
60 mm	CRYSTAL WHITE-OPAL	0,2193	3000	36.000
70 mm	CRYSTAL CLEAR	0,2528	3000	36.000
70 mm	CRYSTAL WHITE-OPAL	0,2528	3000	36.000
80 mm	CRYSTAL CLEAR	0,2830	1000	12.000
80 mm	CRYSTAL WHITE-OPAL	0,2830	1000	12.000
100 mm	CRYSTAL CLEAR	0,3438	1000	12.000
100 mm	CRYSTAL WHITE-OPAL	0,3438	1000	12.000
125 mm	CRYSTAL CLEAR	0,4255	1000	12.000
125 mm	CRYSTAL WHITE-OPAL	0,4255	1000	12.000
150 mm	CRYSTAL CLEAR	0,5072	1000	12.000
150 mm	CRYSTAL WHITE-OPAL	0,5072	1000	12.000
200 mm	CRYSTAL CLEAR	0,6615	1000	12.000
200 mm	CRYSTAL WHITE-OPAL	0,6615	1000	12.000
+ other lengths :		on request		

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

50 mm	CRYSTAL CLEAR	3,5173	100	1.200
75 mm	CRYSTAL CLEAR	3,6602	100	1.200
100 mm	CRYSTAL CLEAR	3,7746	100	1.200
125 mm	CRYSTAL CLEAR	4,3188	100	1.200
150 mm	CRYSTAL CLEAR	4,4793	100	1.200
200 mm	CRYSTAL CLEAR	4,7316	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		

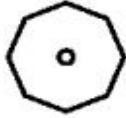
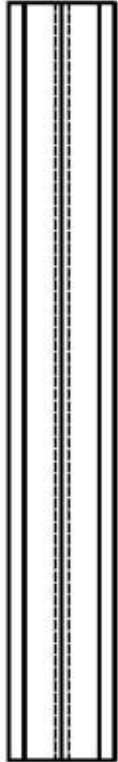
diameter: 27 mm - center-hole: Ø 1.75mm

50 mm	CRYSTAL CLEAR	6,3358	100	1.200
75 mm	CRYSTAL CLEAR	8,1509	100	1.200
100 mm	CRYSTAL CLEAR	10,2594	100	1.200
125 mm	CRYSTAL CLEAR	10,9081	100	1.200
150 mm	CRYSTAL CLEAR	11,5534	100	1.200
200 mm	CRYSTAL CLEAR	12,8475	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)

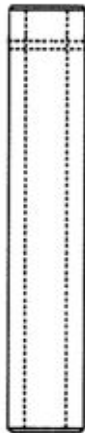
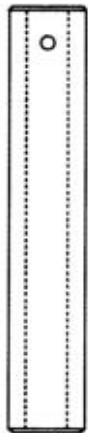
diameter: 14 mm - center-hole: Ø 2.00mm

50 mm	CRYSTAL CLEAR	0,6397	100	1.200
75 mm	CRYSTAL CLEAR	0,8585	100	1.200
100 mm	CRYSTAL CLEAR	0,9932	100	1.200
125 mm	CRYSTAL CLEAR	1,2457	100	1.200
150 mm	CRYSTAL CLEAR	1,4645	100	1.200
200 mm	CRYSTAL CLEAR	1,8180	100	1.200
250 mm	CRYSTAL CLEAR	2,2388	100	1.200
500 mm	CRYSTAL CLEAR	5,9254	100	1.200
1000 mm	CRYSTAL CLEAR	9,6960	100	1.200
+ other lengths :		on request		

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

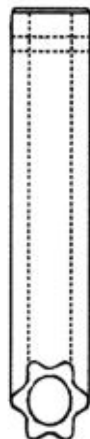
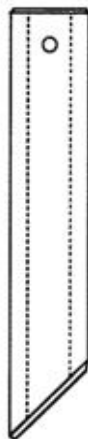
... suitable for hanging prisms at the lower end !

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



Z.9456 (chandelier crystal)

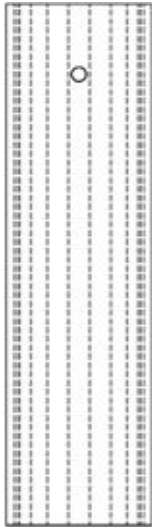
	<u>dia. 18 mm</u> hole: Ø 10mm	<u>dia. 21 mm</u> hole: Ø 11mm	<u>dia. 24 mm</u> hole: Ø 12mm	<u>hanging-hole: Ø 3.0mm</u>	
100 mm	2,5407	2,8852	3,7695	100	1.200
150 mm	2,9782	3,4760	4,6840	100	1.200
200 mm	3,3845	4,0245	5,5333	100	1.200
250 mm	3,8316	4,6280	6,4673	100	1.200
300 mm	4,2637	5,2113	7,3706	100	1.200
350 mm	4,7559	5,8759	8,3994	100	1.200
400 mm	5,4245	6,7511	9,7197	100	1.200
450 mm	5,9644	7,4800	10,8480	100	1.200
500 mm	6,4337	8,1136	11,8289	100	1.200
550 mm	6,8603	8,6895	12,7207	100	1.200
600 mm	7,3937	9,4095	13,8352	100	1.200
650 mm	7,8368	10,0077	14,7612	100	1.200
700 mm	8,3536	10,7056	15,8414	100	1.200
750 mm	8,8706	11,4034	16,9219	100	1.200
800 mm	9,3242	12,0159	17,8852	100	1.200
850 mm	9,8412	12,7137	18,9505	100	1.200
900 mm	10,2948	13,3263	19,8986	100	1.200
950 mm	10,7642	13,9597	20,8797	100	1.200
1000 mm	11,2335	14,5933	21,8605	100	1.200



Z.9457 (chandelier crystal)

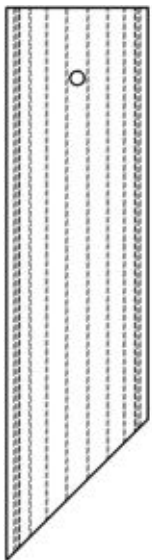
	<u>dia. 18 mm</u> hole: Ø 10mm	<u>dia. 21 mm</u> hole: Ø 11mm	<u>dia. 24 mm</u> hole: Ø 12mm	<u>bottom: 45 degree</u> <u>hanging-hole: Ø 3.0mm</u>	
100 mm	2,7346	3,0792	3,9827	100	1.200
150 mm	3,1722	3,6700	4,8973	100	1.200
200 mm	3,5785	4,2185	5,7466	100	1.200
250 mm	4,0254	4,8219	6,6808	100	1.200
300 mm	4,4577	5,4052	7,5839	100	1.200
350 mm	4,9499	6,0699	8,6128	100	1.200
400 mm	5,6281	6,9549	9,9437	100	1.200
450 mm	6,1680	7,6836	11,0720	100	1.200
500 mm	6,6374	8,3173	12,0528	100	1.200
550 mm	7,0640	8,8932	12,9446	100	1.200
600 mm	7,5974	9,6131	14,0592	100	1.200
650 mm	8,0404	10,2113	14,9852	100	1.200
700 mm	8,5572	10,9092	16,0654	100	1.200
750 mm	9,0742	11,6070	17,1459	100	1.200
800 mm	9,5278	12,2195	18,0941	100	1.200
850 mm	10,0448	12,9174	19,1746	100	1.200
900 mm	10,4985	13,5299	20,5149	100	1.200
950 mm	10,9678	14,1635	21,1036	100	1.200
1000 mm	11,4371	14,7970	22,0845	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)

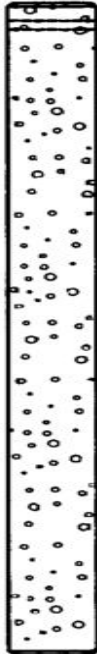
	<u>dia. 50 mm</u> <u>hole: Ø 45mm</u>	<u>dia. 60 mm</u> <u>hole: Ø 55mm</u>	<u>dia. 80 mm</u> <u>hole: Ø 75mm</u>	<u>hanging-holes: Ø 3.0mm</u>	
100 mm	6,6530	6,9773	8,2489	10	120
150 mm	7,5432	8,0295	9,9370	10	120
200 mm	8,4333	9,0818	11,6251	10	120
250 mm	9,3234	10,1340	13,3131	10	120
300 mm	10,2135	11,1863	15,0012	10	120
350 mm	11,1036	12,2385	16,6893	10	120
400 mm	11,9938	13,2907	18,3773	10	120
450 mm	12,8839	14,3430	20,0654	10	120
500 mm	13,7740	15,3952	21,7535	10	120
550 mm	14,6641	16,4475	23,4415	10	120
600 mm	15,5542	17,4997	25,1296	10	120
650 mm	16,4444	18,5519	26,8176	10	120
700 mm	17,3345	19,6042	28,5057	10	120
750 mm	18,2246	20,6564	30,1938	10	120
800 mm	19,1147	21,7087	31,8818	10	120
850 mm	20,0048	22,7609	33,5699	10	120
900 mm	20,8950	23,8131	35,2580	10	120
950 mm	21,7851	24,8654	36,9460	10	120
1000 mm	22,6752	25,9176	38,6341	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	7,3702	7,6945	8,9661	10	120
150 mm	8,2604	8,7467	10,6542	10	120
200 mm	9,1505	9,7990	12,3423	10	120
250 mm	10,0406	10,8512	14,0303	10	120
300 mm	10,9307	11,9035	15,7184	10	120
350 mm	11,8208	12,9557	17,4065	10	120
400 mm	12,7110	14,0079	19,0945	10	120
450 mm	13,6011	15,0602	20,7826	10	120
500 mm	14,4912	16,1124	22,4707	10	120
550 mm	15,3813	17,1647	24,1587	10	120
600 mm	16,2714	18,2169	25,8468	10	120
650 mm	17,1616	19,2691	27,5348	10	120
700 mm	18,0517	20,3214	29,2229	10	120
750 mm	18,9418	21,3736	30,9110	10	120
800 mm	19,8319	22,4259	32,5990	10	120
850 mm	20,7220	23,4781	34,2871	10	120
900 mm	21,6122	24,5303	35,9752	10	120
950 mm	22,5023	25,5826	37,6632	10	120
1000 mm	23,3924	26,6348	39,3513	10	120

	minimum quantity	
EURO piece	BOX pieces	CARTON pieces



Z.9461 (chandelier crystal)

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

round

50 mm	5,1280	100	1.200
75 mm	6,5290	100	1.200
100 mm	8,3925	100	1.200
125 mm	10,2594	100	1.200
150 mm	12,1228	100	1.200
200 mm	13,5204	100	1.200
250 mm	14,9215	100	1.200
300 mm	16,7815	100	1.200
+ other lengths :	on request		
+ other diameters :	on request		
+ hole-drilling :	1,4669	(Ø 1.5mm)	

... especially suitable for LED-usages !



Z.9460 (chandelier crystal)

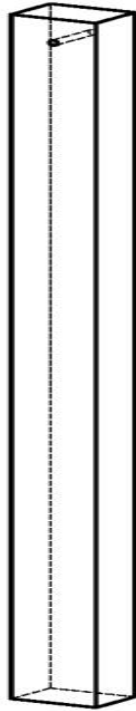
diameter: 25 mm - WITHOUT HOLE - bubbles: approx. dia. 2.5mm

round with 10 facets

50 mm	5,1280	100	1.200
75 mm	6,5290	100	1.200
100 mm	8,3925	100	1.200
125 mm	10,2594	100	1.200
150 mm	12,1228	100	1.200
200 mm	13,5204	100	1.200
250 mm	14,9215	100	1.200
300 mm	16,7815	100	1.200
+ other lengths :	on request		
+ other diameters :	on request		
+ hole-drilling :	1,4669	(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	3,2764	100	1.200
150 mm	3,4802	100	1.200
200 mm	3,6840	100	1.200
250 mm	3,8879	100	1.200
300 mm	4,0917	100	1.200
350 mm	4,2955	100	1.200
400 mm	4,4993	100	1.200
450 mm	4,7031	100	1.200
500 mm	4,9069	100	1.200
550 mm	5,1107	100	1.200
600 mm	5,3145	100	1.200
650 mm	5,5183	100	1.200
700 mm	5,7221	100	1.200
750 mm	5,9260	100	1.200
800 mm	6,1298	100	1.200
850 mm	6,3336	100	1.200
900 mm	6,5374	100	1.200
950 mm	6,7412	100	1.200
1000 mm	6,9450	100	1.200

+ other lengths : on request

+ special cuts : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)



Z.9464 (chandelier crystal)

diameter: 16x12 mm - WITHOUT HOLE

100 mm	3,9936	100	1.200
150 mm	4,1974	100	1.200
200 mm	4,4012	100	1.200
250 mm	4,6051	100	1.200
300 mm	4,8089	100	1.200
350 mm	5,0127	100	1.200
400 mm	5,2165	100	1.200
450 mm	5,4203	100	1.200
500 mm	5,6241	100	1.200
550 mm	5,8279	100	1.200
600 mm	6,0317	100	1.200
650 mm	6,2355	100	1.200
700 mm	6,4394	100	1.200
750 mm	6,6432	100	1.200
800 mm	6,8470	100	1.200
850 mm	7,0508	100	1.200
900 mm	7,2546	100	1.200
950 mm	7,4584	100	1.200
1000 mm	7,6622	100	1.200

+ other lengths : on request

+ special cuts : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

	minimum quantity	
EURO piece	BOX pieces	CARTON pieces



Z.9471 (chandelier crystal)

diameter: 5 mm - cap: CHROME

100 mm	CRYSTAL CLEAR	0,3650	300	3.600
100 mm	CRYSTAL FROSTED	0,4962	3600	5.000
150 mm	CRYSTAL CLEAR	0,5478	200	2.400
150 mm	CRYSTAL FROSTED	0,7443	2400	5.000
200 mm	CRYSTAL CLEAR	0,7455	100	1.200
200 mm	CRYSTAL FROSTED	1,0132	1200	5.000

diameter: 5 mm - cap: GOLD

100 mm	CRYSTAL CLEAR	0,4380	300	3.600
100 mm	CRYSTAL FROSTED	0,5953	3600	5.000
150 mm	CRYSTAL CLEAR	0,6573	200	2.400
150 mm	CRYSTAL FROSTED	0,8931	2400	5.000
200 mm	CRYSTAL CLEAR	0,8982	100	1.200
200 mm	CRYSTAL FROSTED	1,2206	1200	5.000



Z.9472 (chandelier crystal)

diameter: 5 mm - caps: CHROME

100 mm	CRYSTAL CLEAR	0,4380	300	3.600
100 mm	CRYSTAL FROSTED	0,5956	3600	5.000
150 mm	CRYSTAL CLEAR	0,6573	200	2.400
150 mm	CRYSTAL FROSTED	0,8931	2400	5.000
200 mm	CRYSTAL CLEAR	0,8541	100	1.200
200 mm	CRYSTAL FROSTED	1,1609	1200	5.000

diameter: 5 mm - caps: GOLD

100 mm	CRYSTAL CLEAR	0,5256	300	3.600
100 mm	CRYSTAL FROSTED	0,7143	3600	5.000
150 mm	CRYSTAL CLEAR	0,7887	200	2.400
150 mm	CRYSTAL FROSTED	1,0718	2400	5.000
200 mm	CRYSTAL CLEAR	1,0290	100	1.200
200 mm	CRYSTAL FROSTED	1,3986	1200	5.000

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9550 (chandelier crystal)

diameter: 7 mm

63 mm	0,6043	300	3.600
100 mm	0,6799	300	3.600
125 mm	0,7932	200	2.400
150 mm	0,8687	200	2.400
200 mm	1,1709	100	1.200
250 mm	1,3597	100	1.200
300 mm	1,5863	100	1.200
400 mm	2,3417	100	1.200

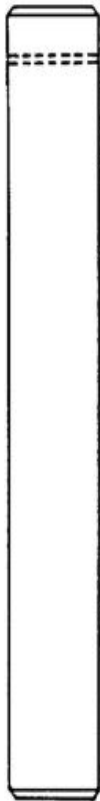


Z.9560 (chandelier crystal)

diameter: 7 mm

140 mm	1,0198	200	2.400
191 mm	1,3219	100	1.200
292 mm	1,8129	100	1.200
394 mm	2,4173	100	1.200
608 mm	4,7590	100	1.200

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9570 (chandelier crystal)

diameter: 8 mm - WITHOUT HOLE

100 mm	3,9870	100	1.200
150 mm	4,2041	100	1.200
200 mm	4,3777	100	1.200
250 mm	4,6903	100	1.200
300 mm	4,9637	100	1.200
350 mm	4,9637	100	1.200
400 mm	5,4196	100	1.200
450 mm	5,4196	100	1.200
500 mm	6,3312	100	1.200

+ other lengths : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

diameter: 10 mm - WITHOUT HOLE

100 mm	4,2079	100	1.200
150 mm	4,5477	100	1.200
200 mm	4,8196	100	1.200
250 mm	5,3089	100	1.200
300 mm	5,7370	100	1.200
350 mm	5,7370	100	1.200
400 mm	6,4506	100	1.200
450 mm	6,4506	100	1.200
500 mm	7,8777	100	1.200

+ other lengths : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

diameter: 12 mm - WITHOUT HOLE

100 mm	4,4754	100	1.200
150 mm	4,9637	100	1.200
200 mm	5,3544	100	1.200
250 mm	6,0577	100	1.200
300 mm	6,6731	100	1.200
350 mm	6,6731	100	1.200
400 mm	7,6987	100	1.200
450 mm	7,6987	100	1.200
500 mm	9,7498	100	1.200

+ other lengths : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

diameter: 14 mm - WITHOUT HOLE

100 mm	4,7940	100	1.200
150 mm	5,4594	100	1.200
200 mm	5,9917	100	1.200
250 mm	6,9498	100	1.200
300 mm	7,7882	100	1.200
350 mm	7,7882	100	1.200
400 mm	9,1855	100	1.200
450 mm	9,1855	100	1.200
500 mm	11,9801	100	1.200

+ other lengths : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

diameter: 16 mm - WITHOUT HOLE

100 mm	5,1591	100	1.200
150 mm	6,0273	100	1.200
200 mm	6,7219	100	1.200
250 mm	7,9721	100	1.200
300 mm	9,0661	100	1.200
350 mm	9,0661	100	1.200
400 mm	10,8894	100	1.200
450 mm	10,8894	100	1.200
500 mm	14,5359	100	1.200

+ other lengths : on request

+ hole-drilling : 1,8218 (Ø 1.5mm)

+ other diameters : on request

+ special cuts : on request

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9571 (chandelier crystal)

bottom: 45 degree

diameter: 8 mm - WITHOUT HOLE

100 mm	4,8861	100	1.200
150 mm	5,1031	100	1.200
200 mm	5,2768	100	1.200
250 mm	5,5893	100	1.200
300 mm	5,8628	100	1.200
350 mm	5,8628	100	1.200
400 mm	6,3186	100	1.200
450 mm	6,3186	100	1.200
500 mm	7,2303	100	1.200
+ other lengths :	on request		
+ hole-drilling :	1,8218	(Ø 1.5mm)	

diameter: 10 mm - WITHOUT HOLE

100 mm	5,1070	100	1.200
150 mm	5,4468	100	1.200
200 mm	5,7186	100	1.200
250 mm	6,2079	100	1.200
300 mm	6,6361	100	1.200
350 mm	6,6361	100	1.200
400 mm	7,3497	100	1.200
450 mm	7,3497	100	1.200
500 mm	8,7768	100	1.200
+ other lengths :	on request		
+ hole-drilling :	1,8218	(Ø 1.5mm)	

diameter: 12 mm - WITHOUT HOLE

100 mm	5,3744	100	1.200
150 mm	5,8628	100	1.200
200 mm	6,2535	100	1.200
250 mm	6,9568	100	1.200
300 mm	7,5721	100	1.200
350 mm	7,5721	100	1.200
400 mm	8,5977	100	1.200
450 mm	8,5977	100	1.200
500 mm	10,6489	100	1.200
+ other lengths :	on request		
+ hole-drilling :	1,8218	(Ø 1.5mm)	

diameter: 14 mm - WITHOUT HOLE

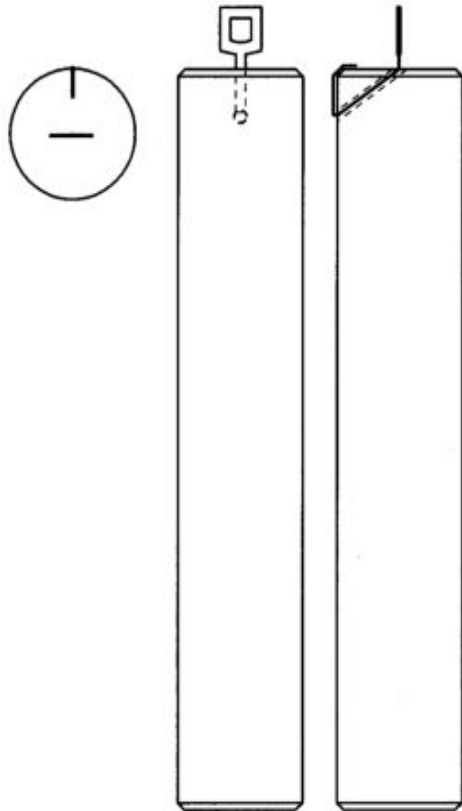
100 mm	5,6931	100	1.200
150 mm	6,3584	100	1.200
200 mm	6,8907	100	1.200
250 mm	7,8489	100	1.200
300 mm	8,6873	100	1.200
350 mm	8,6873	100	1.200
400 mm	10,0846	100	1.200
450 mm	10,0846	100	1.200
500 mm	12,8792	100	1.200
+ other lengths :	on request		
+ hole-drilling :	1,8218	(Ø 1.5mm)	

diameter: 16 mm - WITHOUT HOLE

100 mm	6,0582	100	1.200
150 mm	6,9264	100	1.200
200 mm	7,6210	100	1.200
250 mm	8,8712	100	1.200
300 mm	9,9652	100	1.200
350 mm	9,9652	100	1.200
400 mm	11,7884	100	1.200
450 mm	11,7884	100	1.200
500 mm	15,4350	100	1.200
+ other lengths :	on request		
+ hole-drilling :	1,8218	(Ø 1.5mm)	

+ other diameters : on request
+ special cuts : on request

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9581 (chandelier crystal)

diameter: 20 mm

safety-suspension: DRILLED HOLE Ø 2.5mm

metal-clip: CHROME-PLATED

100 mm	4,5216	16	192
150 mm	5,3480	12	144
200 mm	6,1744	6	72
250 mm	7,0007	6	72
280 mm	7,8271	6	72
300 mm	7,8271	6	72
350 mm	8,6535	6	72
400 mm	9,4799	6	72
450 mm	10,3063	6	72
500 mm	11,1327	6	72
550 mm	11,9591	6	72
600 mm	12,7855	6	72
650 mm	13,6118	6	72
700 mm	14,4382	6	72
750 mm	15,2646	6	72
800 mm	16,0910	6	72
850 mm	16,9174	6	72
900 mm	17,7438	6	72
950 mm	18,5702	6	72
1000 mm	19,3966	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

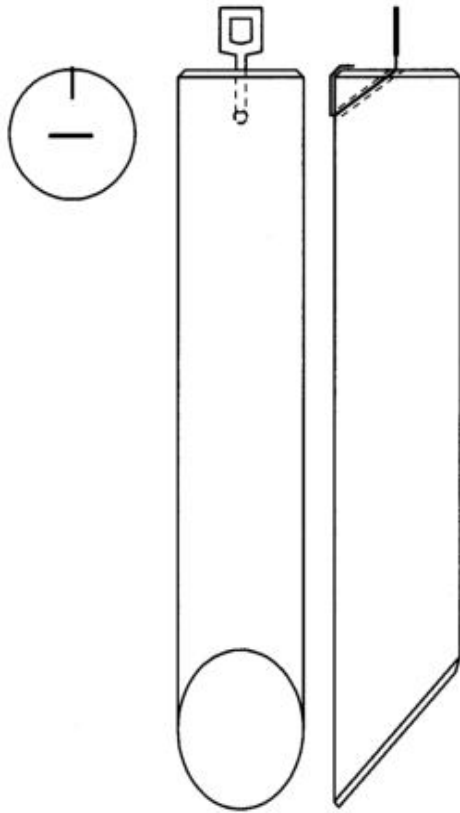
100 mm	6,5883	16	192
150 mm	8,4481	12	144
200 mm	10,3079	6	72
250 mm	12,1676	6	72
280 mm	14,0274	6	72
300 mm	14,0274	6	72
350 mm	15,8872	6	72
400 mm	17,7469	6	72
450 mm	19,6067	6	72
500 mm	21,4665	6	72
550 mm	23,3262	6	72
600 mm	25,1860	6	72
650 mm	27,0458	6	72
700 mm	28,9055	6	72
750 mm	30,7653	6	72
800 mm	32,6251	6	72
850 mm	34,4848	6	72
900 mm	36,3446	6	72
950 mm	38,2044	6	72
1000 mm	40,0641	6	72

+ other lengths : on request

+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9582 (chandelier crystal)

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

100 mm	5,2388	16	192
150 mm	6,0652	12	144
200 mm	6,8916	6	72
250 mm	7,7179	6	72
280 mm	8,5443	6	72
300 mm	8,5443	6	72
350 mm	9,3707	6	72
400 mm	10,1971	6	72
450 mm	11,0235	6	72
500 mm	11,8499	6	72
550 mm	12,6763	6	72
600 mm	13,5027	6	72
650 mm	14,3290	6	72
700 mm	15,1554	6	72
750 mm	15,9818	6	72
800 mm	16,8082	6	72
850 mm	17,6346	6	72
900 mm	18,4610	6	72
950 mm	19,2874	6	72
1000 mm	20,1180	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

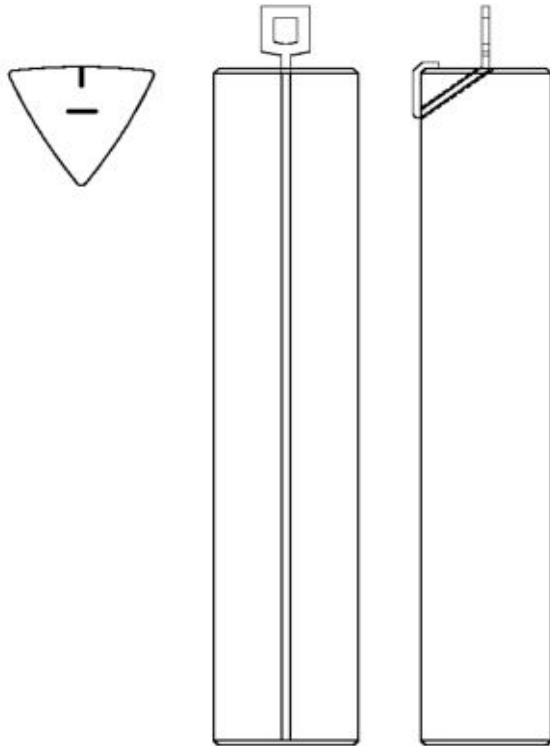
100 mm	7,3055	16	192
150 mm	9,1653	12	144
200 mm	11,0251	6	72
250 mm	12,8848	6	72
280 mm	14,7446	6	72
300 mm	14,7446	6	72
350 mm	16,6044	6	72
400 mm	18,4641	6	72
450 mm	20,3239	6	72
500 mm	22,1837	6	72
550 mm	24,0434	6	72
600 mm	25,9032	6	72
650 mm	27,7630	6	72
700 mm	29,6227	6	72
750 mm	31,4825	6	72
800 mm	33,3423	6	72
850 mm	35,2020	6	72
900 mm	37,0618	6	72
950 mm	38,9216	6	72
1000 mm	40,7813	6	72

+ other lengths : on request

+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9586 (chandelier crystal)

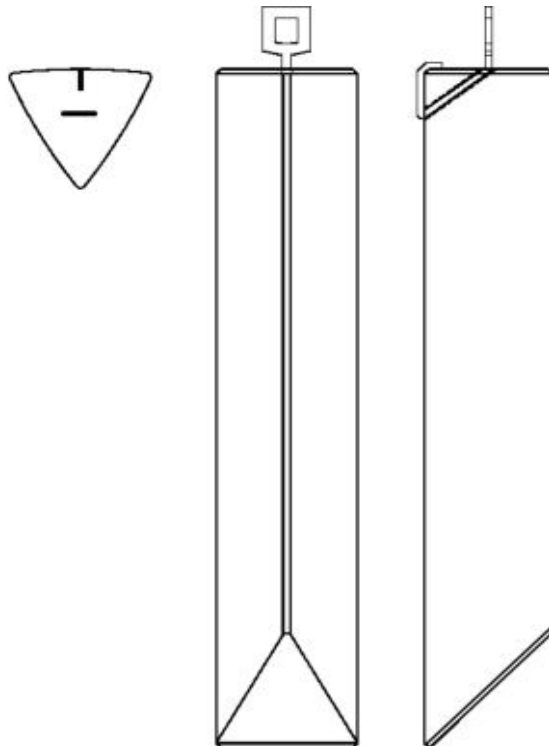
diameter: 30x30x30 mm
safety-suspension: DRILLED HOLE Ø 2.5mm
metal-clip: CHROME-PLATED

100 mm	4,5861	16	192
150 mm	5,4447	12	144
200 mm	6,3033	6	72
250 mm	7,1620	6	72
280 mm	8,0206	6	72
300 mm	8,0206	6	72
350 mm	8,8792	6	72
400 mm	9,7379	6	72
450 mm	10,5965	6	72
500 mm	11,4552	6	72
550 mm	12,3138	6	72
600 mm	13,1724	6	72
650 mm	14,0311	6	72
700 mm	14,8897	6	72
750 mm	15,7483	6	72
800 mm	16,6070	6	72
850 mm	17,4656	6	72
900 mm	18,3242	6	72
950 mm	19,1829	6	72
1000 mm	20,0415	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

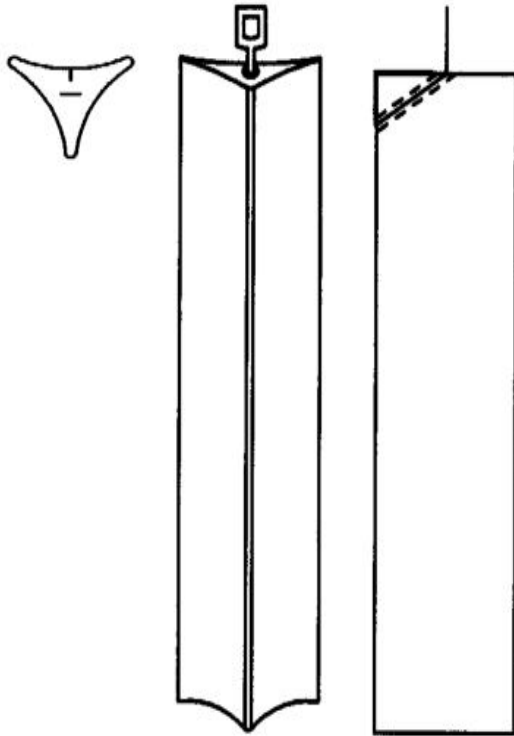
100 mm	5,3033	16	192
150 mm	6,1619	12	144
200 mm	7,0205	6	72
250 mm	7,8792	6	72
280 mm	8,7378	6	72
300 mm	8,7378	6	72
350 mm	9,5964	6	72
400 mm	10,4551	6	72
450 mm	11,3137	6	72
500 mm	12,1724	6	72
550 mm	13,0310	6	72
600 mm	13,8896	6	72
650 mm	14,7483	6	72
700 mm	15,6069	6	72
750 mm	16,4655	6	72
800 mm	17,3242	6	72
850 mm	18,1828	6	72
900 mm	19,0414	6	72
950 mm	19,9001	6	72
1000 mm	20,7587	6	72

+ other lengths : on request

+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9590 (chandelier crystal)

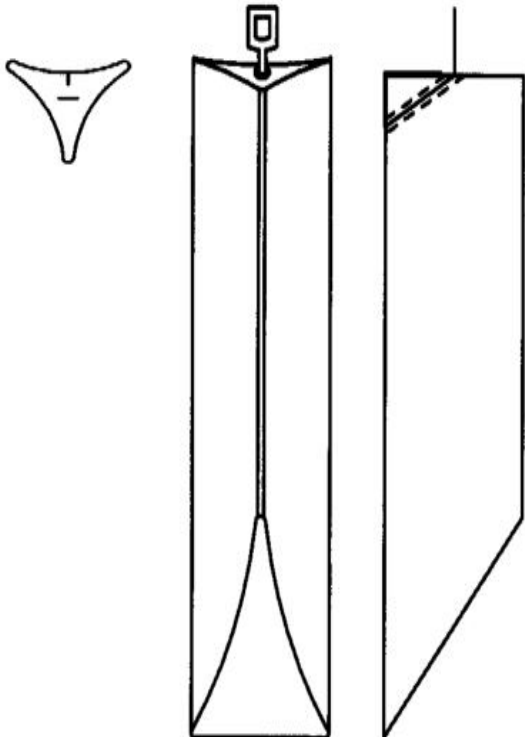
diameter: 30x30x30 mm
safety-suspension: DRILLED HOLE Ø 2.5mm
metal-clip: CHROME-PLATED

100 mm	3,4133	16	192
150 mm	4,2943	12	144
200 mm	5,0649	6	72
250 mm	6,0559	6	72
280 mm	6,8265	6	72
300 mm	6,8265	6	72
350 mm	8,1899	6	72
400 mm	9,5741	6	72
450 mm	10,6121	6	72
500 mm	11,6503	6	72
550 mm	12,5731	6	72
600 mm	13,6111	6	72
650 mm	14,5340	6	72
700 mm	15,6874	6	72
750 mm	16,7257	6	72
800 mm	17,6484	6	72
850 mm	18,8020	6	72
900 mm	19,7247	6	72
950 mm	20,7629	6	72
1000 mm	21,6856	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

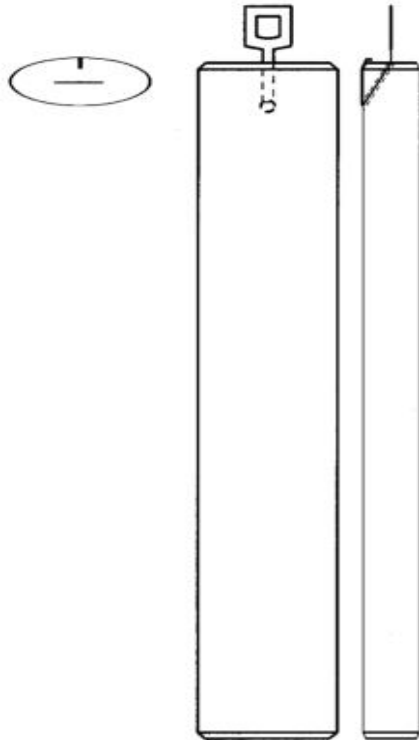
100 mm	3,6335	16	192
150 mm	4,5145	12	144
200 mm	5,2851	6	72
250 mm	6,1659	6	72
280 mm	7,0467	6	72
300 mm	7,0467	6	72
350 mm	8,4205	6	72
400 mm	9,6893	6	72
450 mm	13,8572	6	72
500 mm	11,8810	6	72
550 mm	12,6884	6	72
600 mm	13,8419	6	72
650 mm	14,7647	6	72
700 mm	15,9182	6	72
750 mm	16,9563	6	72
800 mm	17,8792	6	72
850 mm	18,9172	6	72
900 mm	19,9555	6	72
950 mm	20,8782	6	72
1000 mm	21,9163	6	72

+ other lengths : on request

+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9583 (chandelier crystal)

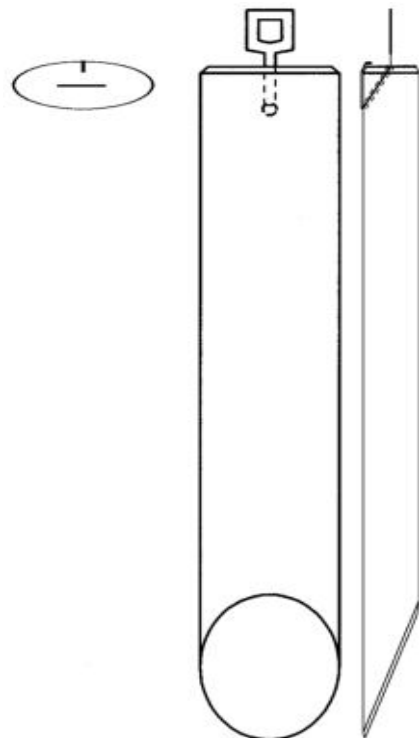
diameter: 30x12 mm
safety-suspension: DRILLED HOLE Ø 2.5mm
metal-clip: CHROME-PLATED

100 mm	4,1262	16	192
150 mm	4,7548	12	144
200 mm	5,3835	6	72
250 mm	6,0122	6	72
280 mm	6,6409	6	72
300 mm	6,6409	6	72
350 mm	7,2695	6	72
400 mm	7,8982	6	72
450 mm	8,5269	6	72
500 mm	9,1556	6	72
550 mm	9,7843	6	72
600 mm	10,4129	6	72
650 mm	11,0416	6	72
700 mm	11,6703	6	72
750 mm	12,2990	6	72
800 mm	12,9276	6	72
850 mm	13,5563	6	72
900 mm	14,1850	6	72
950 mm	14,8137	6	72
1000 mm	15,4424	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

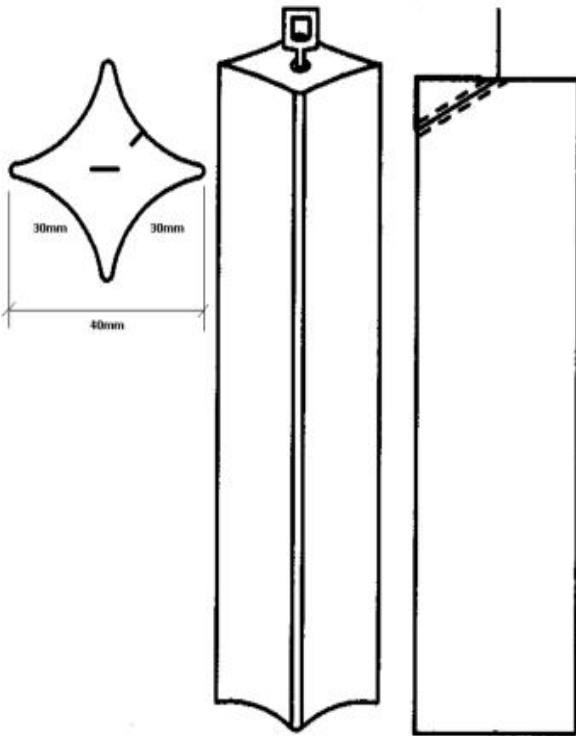
100 mm	4,8434	16	192
150 mm	5,4720	12	144
200 mm	6,1007	6	72
250 mm	6,7294	6	72
280 mm	7,3581	6	72
300 mm	7,3581	6	72
350 mm	7,9867	6	72
400 mm	8,6154	6	72
450 mm	9,2441	6	72
500 mm	9,8728	6	72
550 mm	10,5015	6	72
600 mm	11,1301	6	72
650 mm	11,7588	6	72
700 mm	12,3875	6	72
750 mm	13,0162	6	72
800 mm	13,6448	6	72
850 mm	14,2735	6	72
900 mm	14,9022	6	72
950 mm	15,5309	6	72
1000 mm	16,1596	6	72

+ other lengths : on request

+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



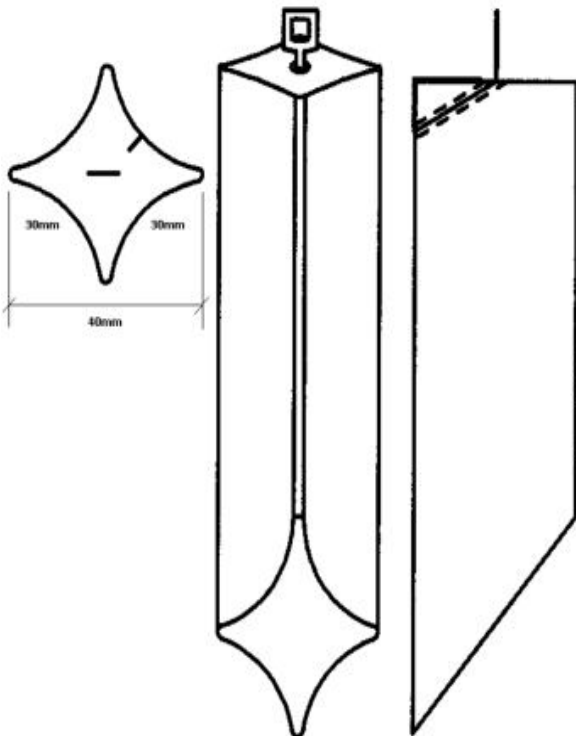
Z.9594 (chandelier crystal)

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

100 mm	5,7255	16	192
150 mm	7,5974	12	144
200 mm	9,3590	6	72
250 mm	11,2308	6	72
280 mm	13,1027	6	72
300 mm	13,1027	6	72
350 mm	16,0336	6	72
400 mm	18,6866	6	72
450 mm	21,1089	6	72
500 mm	23,3005	6	72
550 mm	25,1461	6	72
600 mm	27,5684	6	72
650 mm	29,5293	6	72
700 mm	31,9518	6	72
750 mm	34,2587	6	72
800 mm	36,5657	6	72
850 mm	38,6419	6	72
900 mm	40,6027	6	72
950 mm	42,7945	6	72
1000 mm	44,8708	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

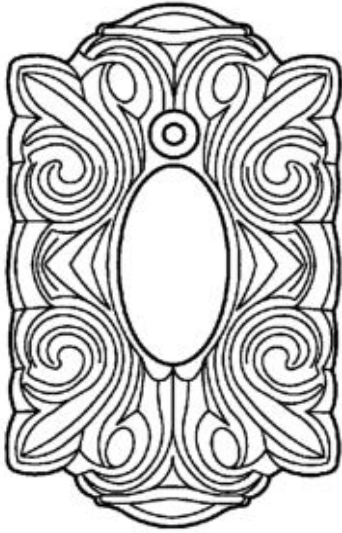
100 mm	5,9457	16	192
150 mm	7,8176	12	144
200 mm	9,5792	6	72
250 mm	11,4510	6	72
280 mm	13,3229	6	72
300 mm	13,3229	6	72
350 mm	16,1489	6	72
400 mm	18,9172	6	72
450 mm	21,3397	6	72
500 mm	23,5311	6	72
550 mm	25,3768	6	72
600 mm	27,7992	6	72
650 mm	29,7600	6	72
700 mm	32,1824	6	72
750 mm	34,2587	6	72
800 mm	36,7963	6	72
850 mm	38,8726	6	72
900 mm	40,8335	6	72
950 mm	43,0252	6	72
1000 mm	45,1015	6	72

+ other lengths : on request
+ special cuts : on request

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

CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces

PLATES



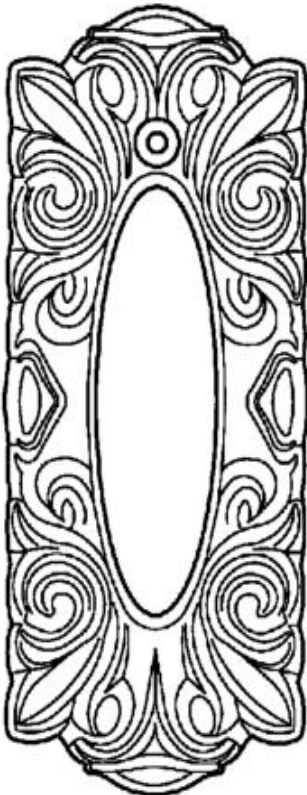
Z.9711 (optic crystal)

size: 120x70 mm

thickness: 10/18 mm

hole: Ø 4.5mm

25,6898	15	180
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Z.9712 (optic crystal)

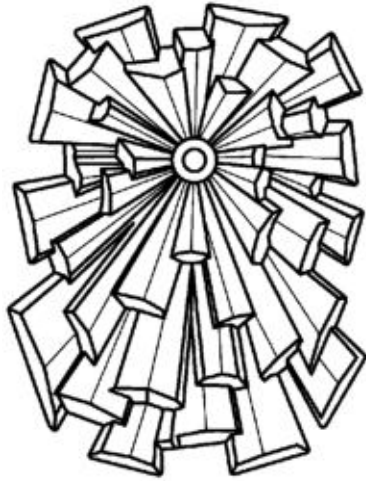
size: 160x65 mm

thickness: 10/18 mm

hole: Ø 6.5mm

32,7056	10	120
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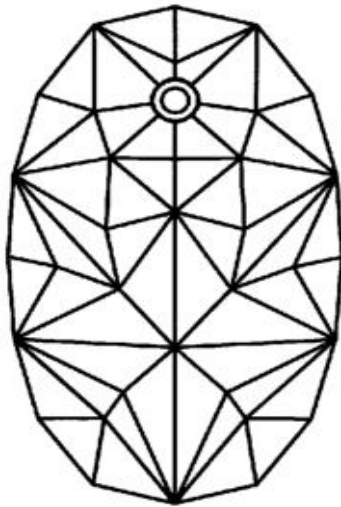
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9721 (optic crystal)

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

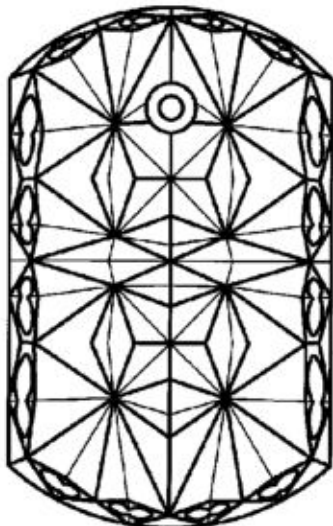
29,4600	15	180
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Z.9722 (optic crystal)

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

28,9774	15	180
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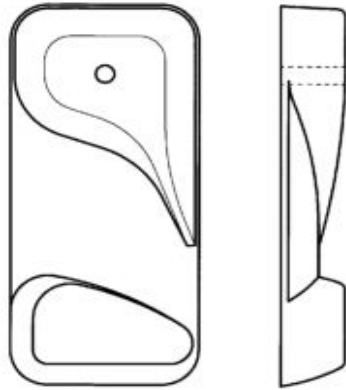


Z.9723 (optic crystal)

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

28,1546	15	180
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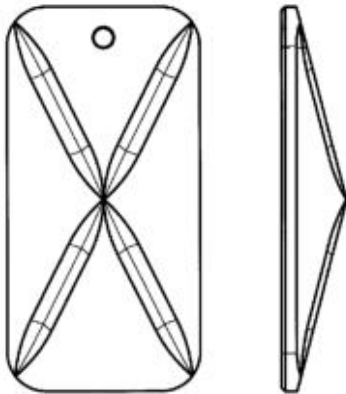
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9731 (optic crystal)

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

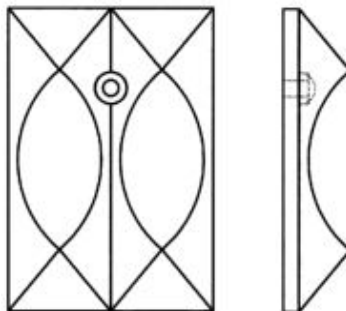
26,6141	15	180
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Z.9732 (optic crystal)

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

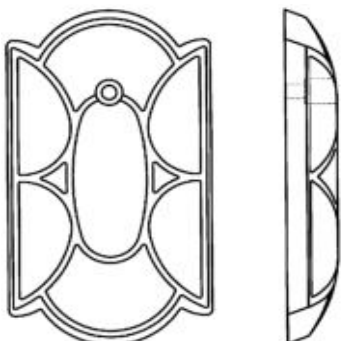
25,0736	15	180
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Z.9733 (optic crystal)

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

26,3060	15	180
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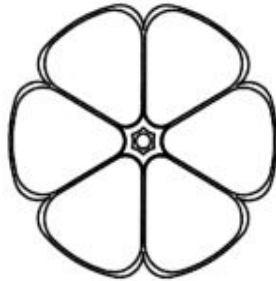


Z.9734 (optic crystal)

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

27,2303	15	180
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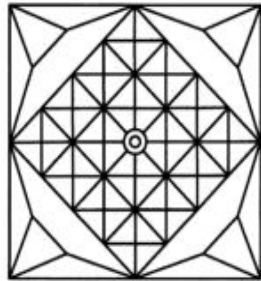
CRYSTAL	minimum quantity	
CLEAR		
EURO piece	BOX pieces	CARTON pieces



Z.9761 (optic crystal)

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

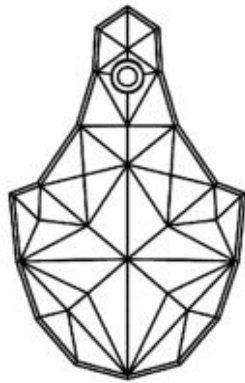
23,5331	15	180
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Z.9762 (optic crystal)

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

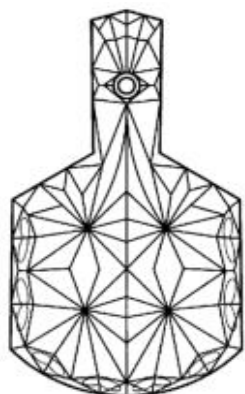
28,7708	12	144
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Z.9781 (optic crystal)

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

28,1546	15	180
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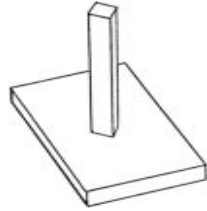
Z.9782 (optic crystal)

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

28,1546	15	180
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		minimum quantity
EURO		CARTON
piece		pieces

PINNING & CLEANING & GLUEING - ACCESSORIES



Z.9090 (iron - pinning stand)

ANGULAR	187,6448	1
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ANGULAR



FLAT



ROUND



ROUND with CUTTER

Z.9095 TYPE I (iron - pinning pliers)

ANGULAR	29,4471	1
FLAT	29,4471	1
ROUND	29,4471	1
ROUND with CUTTER	55,3317	1



TYPE II

Z.9095 TYPE II (iron - crimping pliers)

for cable-end squeeze-rings	66,3223	1
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TYPE III

Z.9095 TYPE III (iron - crimping pliers)

for loop-making squeeze-rings	548,4372	1
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Z.9097 (rubber - pinning finger glove)

MEDIUM	0,1516	100
LARGE	0,1516	100



Z.9098 (cotton - pinning gloves)

WHITE	2,6529	1
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		minimum quantity
	EURO piece	CARTON pieces



Z.9099 (crystal chandelier cleaner)

Type: "Sparkle Plenty"

LIQUID (0,946 Liter)	21,0811	12
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Z.9100 (crystal cleaning cloth)

Type: "Toraysee"

BLUE (190x190 mm)	10,7673	1
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Z.9900 (SILICONE - glue)

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

TRANSPARENT (90 ml)	32,1183	1
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Z.9903 (SILICONE - glue)

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

TRANSPARENT (310 ml)	12,6454	1
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Z.9905 (UV - glue)

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

TRANSPARENT (50 ml / 50 g)	68,2894	1
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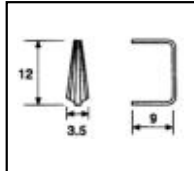
Z.9906 (UV - glue)

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

TRANSPARENT (50 ml / 50 g)	105,6659	1
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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

PINNING MATERIAL



Z.9140 (hanger)

12 mm

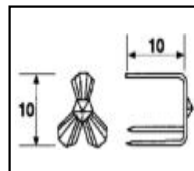
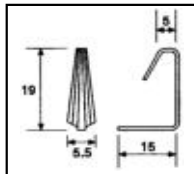
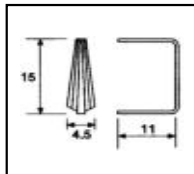
0,0090	0,0109	0,0490	6.090
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15 mm

0,0136	0,0164	0,0744	4.000
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19 mm

0,0257	0,0299	0,1165	2.680
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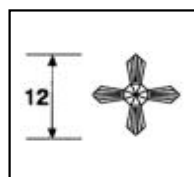
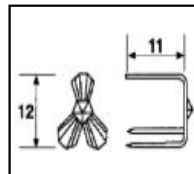
Z.9144 (distributor ... three-legged)

10 mm - three-legged

0,0272	0,0291	0,1005	3.250
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12 mm - three-legged

0,0306	0,0334	0,1209	2.650
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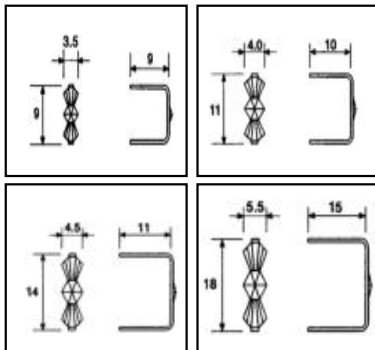


Z.9145 (distributor ... four-legged)

12 mm - four-legged

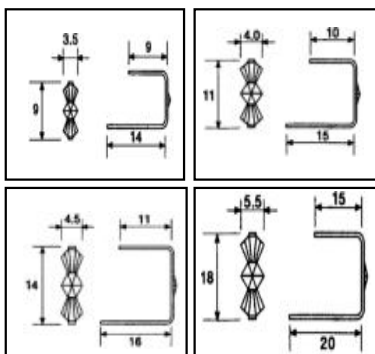
0,0429	0,0485	0,0841	2.800
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COLOR	COLOR plated	COLOR plated	minimum quantity
BRASS	CHROME	GOLD	
EURO piece	EURO piece	EURO piece	BAG pieces



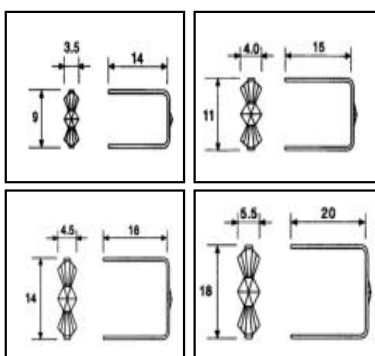
Z.9141 (connector)

<u>9 mm</u>				
0,0071	0,0089	0,0446		6.490
<u>11 mm</u>				
0,0085	0,0108	0,0572		5.000
<u>14 mm</u>				
0,0101	0,0132	0,0745		3.780
<u>18 mm</u>				
0,0156	0,0200	0,1075		2.650



Z.9142 (connector ... asymmetric)

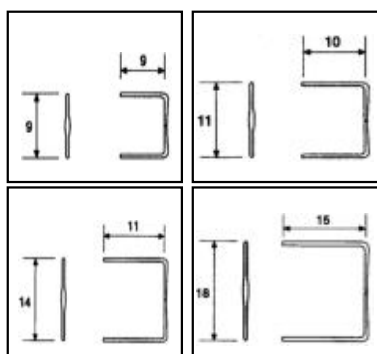
<u>9 mm - asymmetric</u>				
0,0079	0,0099	0,0489		5.940
<u>11 mm - asymmetric</u>				
0,0094	0,0118	0,0612		4.700
<u>14 mm - asymmetric</u>				
0,0122	0,0155	0,0825		3.460
<u>18 mm - asymmetric</u>				
0,0181	0,0229	0,1187		2.420



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

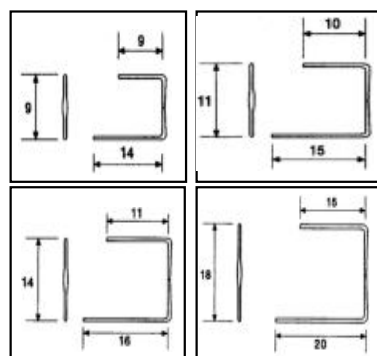
<u>9 mm - long-legged</u>				
0,0088	0,0109	0,0539		5.390
<u>11 mm - long-legged</u>				
0,0107	0,0133	0,0672		4.300
<u>14 mm - long-legged</u>				
0,0140	0,0176	0,0907		3.170
<u>18 mm - long-legged</u>				
0,0201	0,0251	0,1264		2.290

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



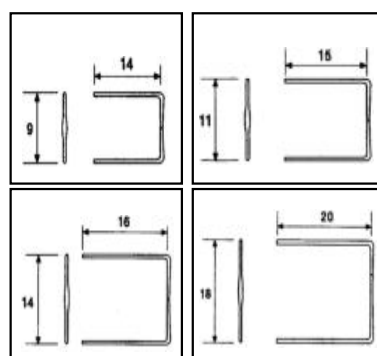
Z.9151 (plain-clip)

<u>9 mm</u>			
0,0039	0,0052	0,0301	9.290
<u>11 mm</u>			
0,0041	0,0054	0,0321	8.700
<u>14 mm</u>			
0,0057	0,0077	0,0486	5.680
<u>18 mm</u>			
0,0071	0,0097	0,0622	4.420



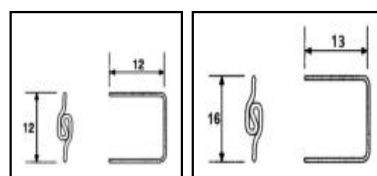
Z.9152 (plain-clip ... asymmetric)

<u>9 mm - asymmetric</u>			
0,0041	0,0055	0,0325	8.580
<u>11 mm - asymmetric</u>			
0,0047	0,0063	0,0379	7.320
<u>14 mm - asymmetric</u>			
0,0065	0,0089	0,0561	4.910
<u>18 mm - asymmetric</u>			
0,0078	0,0107	0,0693	3.960



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

<u>9 mm - long-legged</u>			
0,0047	0,0063	0,0384	7.230
<u>11 mm - long-legged</u>			
0,0053	0,0071	0,0441	6.280
<u>14 mm - long-legged</u>			
0,0070	0,0096	0,0611	4.500
<u>18 mm - long-legged</u>			
0,0083	0,0114	0,0741	3.700



Z.9160 (snake-clip)

<u>12 mm</u>			
0,0081	0,0100	0,0503	5.750
<u>16 mm</u>			
0,0098	0,0119	0,0552	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>	0,0033	0,0041	0,0229	12.330
<u>8 mm</u>	0,0044	0,0055	0,0307	9.200
<u>9 mm</u>	0,0048	0,0060	0,0335	8.450
<u>10 mm</u>	0,0063	0,0080	0,0442	6.400
<u>11 mm</u>	0,0073	0,0091	0,0506	5.590



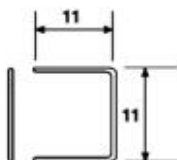
Z.9175 (oval-ring)

<u>8 mm</u>	0,0043	0,0051	0,0232	12.800
<u>9 mm</u>	0,0056	0,0067	0,0315	9.350
<u>10 mm</u>	0,0059	0,0072	0,0351	8.300
<u>11 mm</u>	0,0105	0,0128	0,0454	5.000
<u>13 mm</u>	0,0128	0,0158	0,0557	2.500



Z.9177 (overlapping-ring)

<u>9 mm</u>	---	0,0036	0,0064	10.000
<u>11 mm</u>	0,0078	0,0044	0,0078	10.000
<u>13 mm</u>	---	0,0047	0,0175	6.790
<u>15 mm</u>	---	0,0070	0,0461	5.600
<u>20 mm</u>	---	0,0199	0,0821	2.000



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

<u>11 mm</u>	---	0,0500	---	1.000
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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.9180 (pendant-fixing #1-A)

<u>13x8 mm</u>			
---	0,0531	0,0569	0,1227
			1.000



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

<u>14x8 mm</u>			
---	0,0210	0,0369	5.900
<u>17x10 mm</u>			
---	0,0262	0,0532	3.200
<u>18x12 mm</u>			
---	0,0291	0,0668	2.900
<u>18x14 mm</u>			
---	0,0519	0,1331	1.000
<u>18x16 mm</u>			
---	0,0558	0,1553	1.000



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

<u>8x10 mm</u>			
---	0,0812	0,1286	1.000
<u>9x11 mm</u>			
---	0,0818	0,1414	1.000
<u>14x13 mm</u>			
---	0,1479	0,2061	1.000



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

<u>10x9 mm</u>			
---	0,0238	0,0291	1.000



Z.9185 (pendant-fixing #3)

<u>11x3 mm</u>			
---	0,1008	0,2072	1.000

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



Z.9186 (pendant-fixing #4)

<u>13 mm</u>				
---	0,9601	---		100
<u>14 mm</u>				
---	1,0547	---		100
<u>15 mm</u>				
---	1,1524	---		100
<u>20 mm</u>				
---	1,2673	---		100



Z.9189 (pendant-fixing #5)

<u>18'16 mm</u>				
0,0175	0,0222	0,0453		1.000



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

<u>8 mm Ø ... 7mm Height</u>				
---	2,4318	2,4318		2
<u>10 mm Ø ... 9mm Height</u>				
---	2,5708	2,5708		2



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

<u>10 mm</u>				
---	0,0336	---		100
<u>12 mm</u>				
---	0,0577	---		100
<u>16 mm</u>				
---	0,1077	---		100



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

<u>12x1,2x0,6 mm</u>				
---	0,0865	---		100
<u>16x1,2x0,7 mm</u>				
---	0,1221	---		100
<u>20x2,0x0,8 mm</u>				
---	0,2212	---		100
<u>26x2,0x0,9 mm</u>				
---	0,3259	---		100
<u>30x3,0x1,5 mm</u>				
---	0,5280	---		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>	0,0022	0,0028	0,0155	18.200
<u>15 mm</u>	0,0033	0,0041	0,0230	12.300
<u>20 mm</u>	0,0042	0,0053	0,0295	9.600
<u>25 mm</u>	0,0050	0,0063	0,0349	8.100
<u>30 mm</u>	0,0061	0,0076	0,0422	6.700
<u>35 mm</u>	0,0070	0,0088	0,0488	5.800
<u>40 mm</u>	0,0077	0,0097	0,0540	5.240
<u>45 mm</u>	0,0095	0,0115	0,0608	4.700
<u>50 mm</u>	0,0106	0,0128	0,0680	4.200
<u>60 mm</u>	0,0131	0,0159	0,0841	3.400
<u>70 mm</u>	0,0149	0,0180	0,0953	3.000
<u>80 mm</u>	0,0172	0,0207	0,1099	2.600
<u>90 mm</u>	0,0194	0,0234	0,1243	2.300
<u>100 mm</u>	0,0223	0,0270	0,1429	2.000



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

<u>20 mm</u>	0,0075	0,0087	0,0257	9.800
<u>25 mm</u>	0,0074	0,0088	0,0287	8.100
<u>30 mm</u>	0,0086	0,0103	0,0337	6.900
<u>35 mm</u>	0,0101	0,0120	0,0394	5.900
<u>40 mm</u>	0,0119	0,0142	0,0465	5.000



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

<u>20 mm</u>	0,0306	0,0316	0,0429	8.000
<u>25 mm</u>	0,0306	0,0359	0,0510	7.200
<u>30 mm</u>	0,0315	0,0460	0,0623	5.500
<u>35 mm</u>	0,0341	0,0499	0,0676	5.070
<u>40 mm</u>	0,0368	0,0539	0,0729	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>	0,0029	0,0034	0,0179	16.000
<u>15 mm</u>	0,0039	0,0046	0,0242	11.800
<u>20 mm</u>	0,0047	0,0061	0,0292	9.800
<u>25 mm</u>	0,0058	0,0068	0,0362	7.900
<u>30 mm</u>	0,0067	0,0078	0,0414	6.900
<u>35 mm</u>	0,0075	0,0088	0,0465	6.150
<u>40 mm</u>	0,0084	0,0098	0,0520	5.500
<u>45 mm</u>	0,0104	0,0122	0,0595	4.900
<u>50 mm</u>	0,0119	0,0139	0,0678	4.300
<u>60 mm</u>	0,0136	0,0159	0,0778	3.750
<u>70 mm</u>	0,0165	0,0193	0,0941	3.100
<u>80 mm</u>	0,0186	0,0217	0,1060	2.750
<u>90 mm</u>	0,0217	0,0254	0,1241	2.350
<u>100 mm</u>	0,0222	0,0260	0,1268	2.300



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

<u>55x20 mm</u>	0,0369	0,0426	0,1108	2.000
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Z.9167 (MT-arms-pin 1.0mm)

<u>55x43 mm</u>	0,0477	0,0550	0,1430	1.550
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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.9196 (plastic-thread)

<u>0,4 mm</u>	<u>per meter</u>		
---	0,1021	---	100 m
<u>0,5 mm</u>	<u>per meter</u>		
---	0,1164	---	100 m
<u>0,7 mm</u>	<u>per meter</u>		
---	0,1912	---	100 m
<u>0,8 mm</u>	<u>per meter</u>		
---	0,2348	---	100 m
<u>1,0 mm</u>	<u>per meter</u>		
---	0,4073	---	50 m

Z.9197 (steel-cable)

<u>0,3 mm</u>	<u>per meter</u>		
---	2,1536	---	200 m
<u>0,6 mm</u>	<u>per meter</u>		
---	1,3812	---	200 m
<u>0,8 mm</u>	<u>per meter</u>		
---	1,0476	---	200 m
<u>1,0 mm</u>	<u>per meter</u>		
---	1,0476	---	200 m
<u>1,5 mm</u>	<u>per meter</u>		
---	1,2738	---	200 m
<u>2,0 mm</u>	<u>per meter</u>		
---	1,2738	---	200 m
<u>3,0 mm</u>	<u>per meter</u>		
---	2,1239	---	200 m

Z.9199 (wire)

0,4 mm (for small crystals)

<u>60 mm</u>	<u>60mm</u>		
0,0146	0,0144	---	10.000 pieces
<u>per kg</u>	<u>per kg</u>		
81,4323	127,3388	---	0,25 kg

0,6 mm (for medium crystals)

<u>per meter</u>	<u>per meter</u>		
0,1962	0,1962	---	17 m

0,8 mm (for large crystals)

<u>per meter</u>	<u>per meter</u>		
0,3706	0,3706	---	9 m

1,0 mm (for extra-large crystals)

<u>per meter</u>	<u>per meter</u>		
0,4538	0,4538	---	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)		
---	0,0137	---	1.000
b) 2,8 mm	(for 0,6mm+0,8mm steel-cable or 0,6+0,8mm wire)		
---	0,0246	---	1.000
c) 3,0 mm	(for 1,0mm steel-cable or 1,0mm wire)		
---	0,0324	---	1.000
d) 3,5 mm	(for 1,5mm steel-cable)		
---	0,0596	---	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)		
---	0,0182	---	100
b) 1,0+8 mm	(for 1,0mm steel-cable)		
---	0,0632	---	100
c) 1,5+8 mm	(for 1,5mm steel-cable)		
---	0,0632	---	100



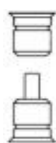
Z.9198 TYPE III (loop-making squeeze-ring ... for steel-cable)

a) 5x5x3 mm	(for 0,6mm+0,8mm steel-cable)		
---	0,1319	---	100
b) 6x6x4 mm	(for 1,0mm+1,5mm steel-cable)		
---	0,1436	---	100
c) 7x7x4 mm	(for 2,0mm steel-cable)		
---	0,1102	---	100
d) 11x9x6 mm	(for 3,0mm steel-cable)		
---	0,1467	---	100



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

18x12x6 mm	(for 2,0mm steel-cable)		
---	0,9645	---	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)

---	6,3922	---	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>		
---	0,4036	---	100 m



Z.9112 (link-chain)

<u>4,0 x 1,0 mm</u>	<u>per meter</u>		
---	0,4036	---	100 m



Z.9193 (ball-chain)

<u>1,5 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	0,9262	0,9683	50 m
<u>2,0 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	1,0946	1,1367	50 m
<u>2,5 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	2,3577	2,3998	50 m
<u>3,0 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	2,3577	2,3998	50 m
<u>4,0 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	2,3577	2,3998	50 m
<u>4,5 mm</u>	<u>per meter</u>	<u>per meter</u>	
---	3,0313	3,0734	50 m



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

<u>2,5 mm (for balls-chains 1,5mm & 2,0mm)</u>	<u>per meter</u>	<u>per meter</u>	
---	0,0958	0,0958	100
<u>3,0 mm (for balls-chains 2,5mm & 3,0mm)</u>	<u>per meter</u>	<u>per meter</u>	
---	0,1477	0,1477	100
<u>4,0 mm (for balls-chains 4,0mm & 4,5mm)</u>	<u>per meter</u>	<u>per meter</u>	
---	0,1907	0,1907	100
<u>5,0 mm (for balls-chains 4,0mm & 4,5mm)</u>	<u>per meter</u>	<u>per meter</u>	
---	0,2754	0,2754	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

---	0,0098	---	10.900
-----	--------	-----	--------

10 x 2,0 mm

---	0,0196	---	5.430
-----	--------	-----	-------

15 x 2,0 mm

---	0,0287	---	3.700
-----	--------	-----	-------

20 x 2,0 mm

---	0,0369	---	2.880
-----	--------	-----	-------

25 x 2,0 mm

---	0,0451	---	2.360
-----	--------	-----	-------

30 x 2,0 mm

---	0,0567	---	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

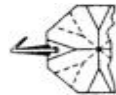
2,0 mm inside-diameter

---	<u>per meter</u> 1,3621	---	100 m
-----	----------------------------	-----	-------

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

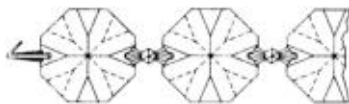
PINNING SERVICE

pinning material
+
pinning work



HANGER_INSERTION

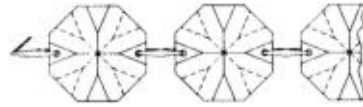
<u>12 mm</u>			
0,0606	0,0628	0,1064	
<u>15 mm</u>			
0,0660	0,0692	0,1354	
<u>19 mm</u>			
0,0798	0,0846	0,1836	



CONNECTOR_PINNING

<u>9 mm</u>			
0,0679	0,0699	0,1107	
<u>11 mm</u>			
0,0695	0,0721	0,1251	
<u>14 mm</u>			
0,0713	0,0747	0,1449	
<u>18 mm</u>			
0,0775	0,0825	0,1825	
<u>9 mm - asymmetric</u>			
0,0687	0,0709	0,1155	
<u>11 mm - asymmetric</u>			
0,0705	0,0733	0,1297	
<u>14 mm - asymmetric</u>			
0,0737	0,0775	0,1541	
<u>18 mm - asymmetric</u>			
0,0805	0,0859	0,1953	
<u>9 mm - long-legged</u>			
0,0759	0,0783	0,1275	
<u>11 mm - long-legged</u>			
0,0781	0,0811	0,1427	
<u>14 mm - long-legged</u>			
0,0819	0,0859	0,1695	
<u>18 mm - long-legged</u>			
0,0889	0,0945	0,2103	
<u>10 mm - three-legged</u>			
0,1149	0,1171	0,1987	
<u>12 mm - three-legged</u>			
0,1189	0,1221	0,2221	
<u>12 mm - four-legged</u>			
0,1869	0,1933	0,2341	

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

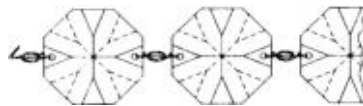


PLAIN-CLIP_PINNING

<u>9 mm</u>	0,0803	0,0817	0,1103
<u>11 mm</u>	0,0805	0,0821	0,1125
<u>14 mm</u>	0,0825	0,0847	0,1315
<u>18 mm</u>	0,0841	0,0871	0,1469

<u>9 mm - asymmetric</u>	0,0807	0,0821	0,1131
<u>11 mm - asymmetric</u>	0,0813	0,0831	0,1193
<u>14 mm - asymmetric</u>	0,0833	0,0861	0,1399
<u>18 mm - asymmetric</u>	0,0849	0,0881	0,1551

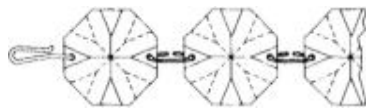
<u>9 mm - long-legged</u>	0,0889	0,0907	0,1273
<u>11 mm - long-legged</u>	0,0895	0,0917	0,1339
<u>14 mm - long-legged</u>	0,0915	0,0945	0,1533
<u>18 mm - long-legged</u>	0,0929	0,0965	0,1681



SNAKE-CLIP_PINNING

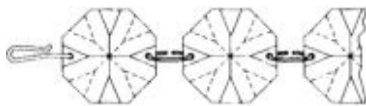
<u>12 mm</u>	0,0951	0,0973	0,1435
<u>16 mm</u>	0,0971	0,0995	0,1491

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



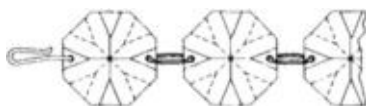
ROUND-RING_PINNING

<u>7 mm</u>	0,0735	0,0745	0,0959
<u>8 mm</u>	0,0747	0,0761	0,1049
<u>9 mm</u>	0,0751	0,0767	0,1079
<u>10 mm</u>	0,0769	0,0789	0,1203
<u>11 mm</u>	0,0779	0,0801	0,1275



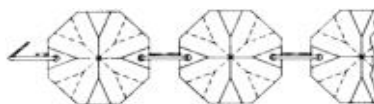
OVAL-RING_PINNING

<u>8 mm</u>	0,0747	0,0755	0,0963
<u>9 mm</u>	0,0761	0,0773	0,1057
<u>10 mm</u>	0,0765	0,0779	0,1099
<u>11 mm</u>	0,0817	0,0843	0,1151
<u>13 mm</u>	0,0843	0,0877	0,1253



OVERLAPPING-RING_PINNING

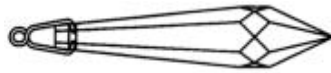
<u>9 mm</u>	---	0,1126	0,1157
<u>11 mm</u>	0,1172	0,1172	0,1172
<u>13 mm</u>	---	0,1409	0,1555
<u>15 mm</u>	---	0,1774	0,2222
<u>20 mm</u>	---	0,2343	0,3055



WIRE-CLIP-S.S._PINNING

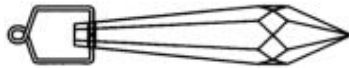
<u>11 mm</u>	---	1,1825	---
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COLOR	COLOR plated	COLOR plated
BRASS	CHROME	GOLD
EURO piece	EURO piece	EURO piece



PENDANT-FIXING-#1-A_INSERTION

<u>13 mm</u>	0,1311	0,1328	0,1902
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PENDANT-FIXING-#1-B_INSERTION

<u>14x8 mm</u>	---	0,0837	0,1019
<u>17x10 mm</u>	---	0,0897	0,1205
<u>18x12 mm</u>	---	0,0929	0,1361
<u>18x14 mm</u>	---	0,1189	0,2117
<u>18x16 mm</u>	---	0,1235	0,2373



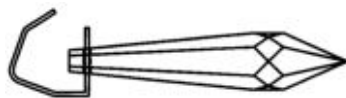
PENDANT-FIXING-#2-A_INSERTION

<u>8x10 mm</u>	---	0,1787	0,2329
<u>9x11 mm</u>	---	0,1795	0,2475
<u>14x13 mm</u>	---	0,2549	0,3215



PENDANT-FIXING-#2-B_INSERTION

<u>10x9 mm</u>	---	0,1131	0,1191
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PENDANT-FIXING-#3_INSERTION

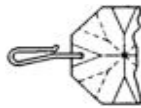
<u>11 mm</u>	---	0,1897	0,3271
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PENDANT-FIXING-#4_INSERTION

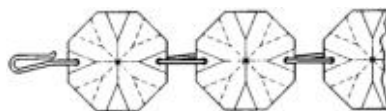
<u>13 mm</u>	---	1,1831	---
<u>14 mm</u>	---	1,3033	---
<u>15 mm</u>	---	1,4029	---
<u>20 mm</u>	---	1,5343	---

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



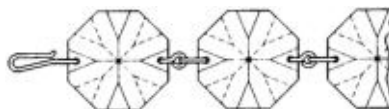
HOOK_INSERTION

10 mm	0,0616	0,0622	0,0768
15 mm	0,0628	0,0638	0,0852
20 mm	0,0638	0,0650	0,0926
25 mm	0,0648	0,0662	0,0990
30 mm	0,0660	0,0678	0,1072
35 mm	0,0670	0,0690	0,1148
40 mm	0,0678	0,0702	0,1206
45 mm	0,0698	0,0722	0,1284
50 mm	0,0712	0,0736	0,1368



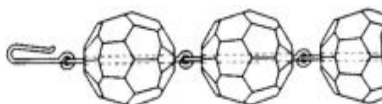
SWAN_PINNING

10 mm	0,0620	0,0626	0,0772
15 mm	0,0632	0,0642	0,0856
20 mm	0,0642	0,0654	0,0930
25 mm	0,0652	0,0666	0,0994
30 mm	0,0664	0,0682	0,1076
35 mm	0,0674	0,0694	0,1152
40 mm	0,0682	0,0706	0,1210
45 mm	0,0702	0,0726	0,1288
50 mm	0,0716	0,0740	0,1372



TRADITIONAL_PINNING

10 mm	0,1971	0,1983	0,2275
15 mm	0,1995	0,2015	0,2443
20 mm	0,2015	0,2039	0,2591
25 mm	0,2035	0,2063	0,2719
30 mm	0,2059	0,2095	0,2883
35 mm	0,2079	0,2119	0,3035
40 mm	0,2095	0,2143	0,3151
45 mm	0,2135	0,2183	0,3307
50 mm	0,2163	0,2211	0,3475

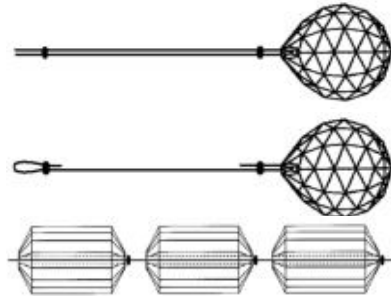


BEAD_PINNING

10 mm	0,1399	0,1405	0,1571
15 mm	0,1411	0,1419	0,1643
20 mm	0,1421	0,1437	0,1701
25 mm	0,1433	0,1445	0,1781
30 mm	0,1443	0,1457	0,1841
35 mm	0,1453	0,1467	0,1899
40 mm	0,1463	0,1479	0,1961
45 mm	0,1485	0,1507	0,2047
50 mm	0,1503	0,1525	0,2141

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 !)

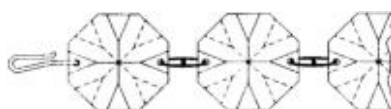
<u>TYPE I a) : 2,0 mm squeeze-ring</u>		
---	0,1030	---
<u>TYPE I b) : 2,8 mm squeeze-ring</u>		
---	0,1171	---
<u>TYPE I c) : 3,0 mm squeeze-ring</u>		
---	0,1354	---
<u>TYPE I d) : 3,5 mm squeeze-ring</u>		
---	0,1799	---
<u>TYPE II a) : for 0,6+0,8mm ... steel-cable</u>		
---	0,1209	---
<u>TYPE II b) : for 1,0mm ... steel-cable</u>		
---	0,1481	---
<u>TYPE II c) : for 1,5mm ... steel-cable</u>		
---	0,1481	---
<u>TYPE III a) : for 0,6+0,8mm ... steel-cable</u>		
---	0,3786	---
<u>TYPE III b) : for 1,0+1,5mm ... steel-cable</u>		
---	0,3918	---
<u>TYPE III c) : for 2,0mm ... steel-cable</u>		
---	0,8094	---
<u>TYPE III d) : for 3,0mm ... steel-cable</u>		
---	1,3067	---
<u>TYPE IV : for 2,0mm ... steel-cable</u>		
---	2,6965	---
<u>TYPE V : for 0,8+1,0mm ... steel-cable</u>		
---	7,4541	---



STRUNG_PINNING

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

<u>large beads (>= 30mm)</u>		
0,0743	0,0743	---
<u>medium beads (>= 20mm)</u>		
0,0743	0,0743	---
<u>small beads (>= 10mm)</u>		
0,0743	0,0743	---
<u>mini beads (>= 5mm)</u>		
0,0929	0,0929	---
<u>micro beads (>= 2mm)</u>		
0,1115	0,1115	---



SWEDISH-TWIST_PINNING

<u>with 0.4mm wire</u>		
0,2664	0,2664	---
<u>with 0.6mm wire</u>		
0,4083	0,4083	---
<u>with 0.8mm wire</u>		
0,4851	0,4851	---
<u>with 1.0mm wire</u>		
0,5462	0,5462	---