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V3S Glass Systems BVBA

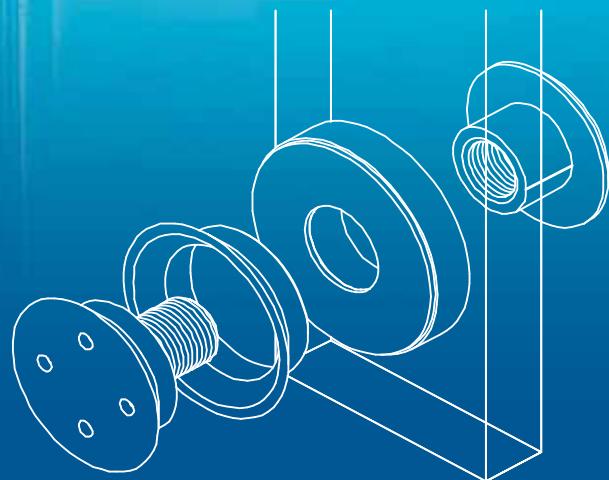
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# SCREW & BINDING SCREW ::

2.00



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# SUMMARY

## SCREW & BINDING SCREW ::

Pages 2.03 >> 2.11



**Countersunk fastening screw Ø 36** ●  
Ref : 06 11  
> Page 2.04



**Countersunk fastening screw Ø 28** ●  
Ref : 06 12  
> Page 2.04



**Cylindric fastening screw Ø 40** ●  
Ref : 06 24  
> Page 2.04



**Cylindric fastening screw Ø 30** ●  
Ref : 06 23  
> Page 2.05



**Cylindric fastening screw Ø 40** ●  
Ref : 06 34  
> Page 2.05



**Cylindric fastening screw Ø 50** ●  
Ref : 06 44  
> Page 2.05



**Binding screw for support  
from 5 to 8 mm** ●  
Ref : 07 50 05 08  
> Page 2.07

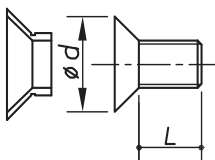


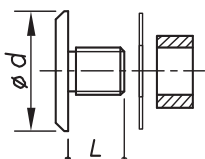






**Binding screw for support  
from 8 to 12 mm** ●  
Ref : 07 50 08 12  
> Page 2.08

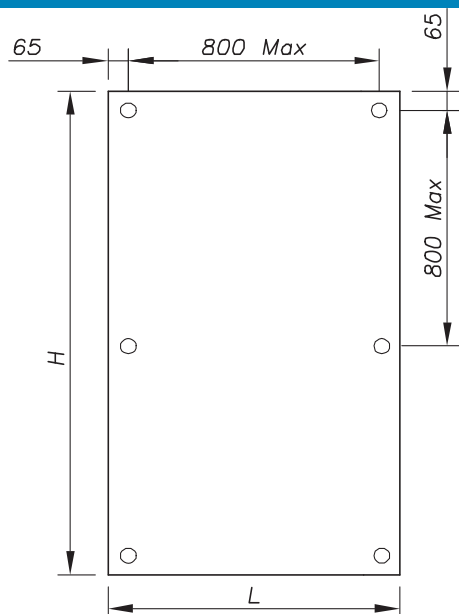


**Binding screw for support  
from 12 to 15 mm** ●  
Ref : 07 50 12 15  
> Page 2.09

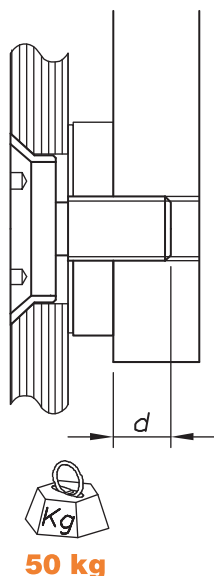
## Binding screw technical page

	<b>Model 06 11</b>		rod Ø M12 x 100	<b>standard threaded length (L)</b>			
			Ø screw 36 mm countersunk	12	20	29	39
	<b>Model 06 12</b>		rod Ø M12 x 100	<b>standard threaded length (L)</b>			
			Ø screw 28 mm countersunk	12	18	31	41
	<b>Model 06 24</b>		rod Ø M12 x 100	<b>standard threaded length (L)</b>			
			Ø screw 40 mm cylindrical	14	20	32	48
	<b>Model 06 23</b>		rod Ø M12 x 100	<b>standard threaded length (L)</b>			
			Ø screw 30 mm cylindrical	14	20	28	38
	<b>Model 06 34</b>		rod Ø M10 x 150	<b>standard threaded length (L)</b>			
			Ø screw 40 mm cylindrical	20	30	50	70
	<b>Model 06 44</b>		rod Ø M10 x 150	<b>standard threaded length (L)</b>			
			Ø screw 50 mm cylindrical	on order			

## Arrangement of drilled holes



## Implanting screws in a "hard" support

Min. screw  $\varnothing$  implantation

Screw model	$\varnothing$	Min. theoretical implantation d
06 11*	M12 x 100	12 mm
06 12*	M12 x 100	12 mm
06 23*	M12 x 100	12 mm
06 24*	M12 x 100	12 mm
06 34	M10 x 150	15 mm
06 44	M10 x 150	15 mm

\* Warning M12 x 100 – non standard thread

Details of glass drilling on following pages


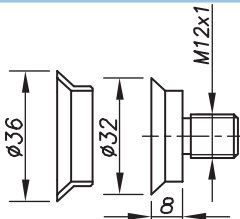

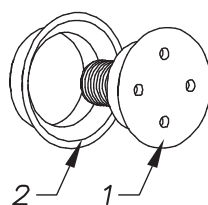
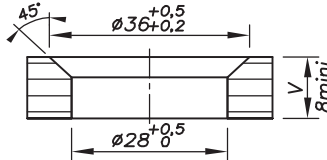

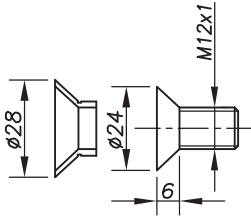

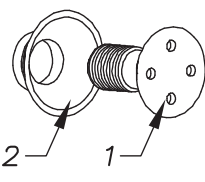
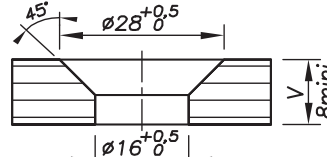

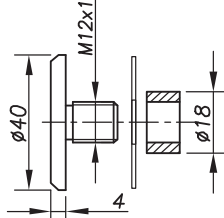

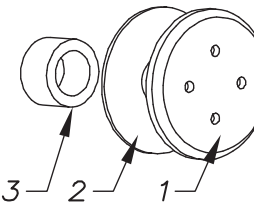
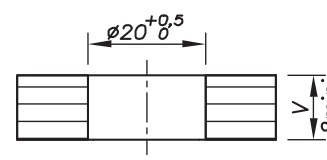
## Recommendation / use

**Tightening of the glass screws:** Monolithic tempered = Min. 15 N.m  
Laminated tempered = 5 N.m

**Max. weight: 50 kg per screw**


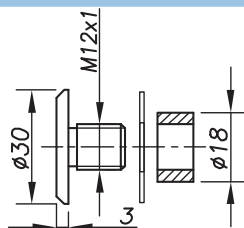

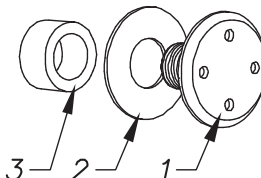
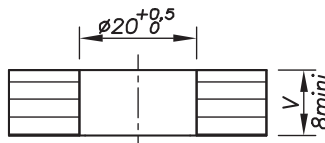

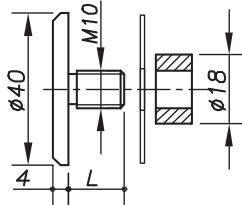

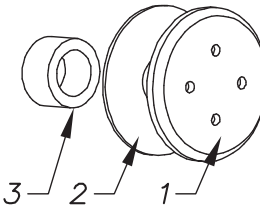
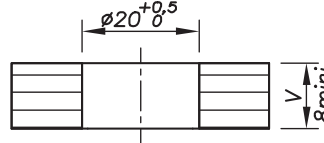

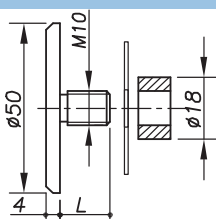

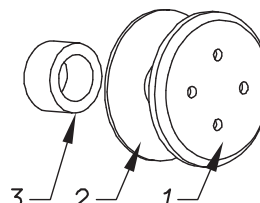
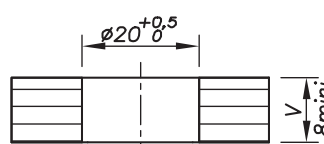
If components are damaged they can be replaced by request.

Order form end of this chapter.

<b>Model:</b>	<b>06 11</b>			
<b>Description:</b>	Countersunk fixing screw Ø 36 thread M12x100			
 <small>Finish: glass bead or brushed</small>		 <b>50 kg</b>		<b>Description</b> Screw body (1) Protection ring (2) <b>Weight: 60 g</b>
<b>Standard threaded length (L)</b>	<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b> Qty<100 100<Qty<300 300<Qty	
12 mm	06 11 12			
20 mm	06 11 20			
29 mm	06 11 28			
39 mm	06 11 38			
Other threaded lengths possible on order				
<b>Model:</b>	<b>06 12</b>			
<b>Description:</b>	Countersunk fixing screw Ø 28 thread M12x100			
 <small>Finish: glass bead or brushed</small>		 <b>50 kg</b>		<b>Description</b> Screw body (1) Protection ring (2) <b>Weight: 40 g</b>
<b>Standard threaded length (L)</b>	<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b> Qty<50 50<Qty<150 150<Qty	
12 mm	06 12 12			
18 mm	06 12 18			
31 mm	06 12 31			
41 mm	06 12 41			
Other threaded lengths possible on order				
<b>Model:</b>	<b>06 24</b>			
<b>Description:</b>	Cylindrical fixing screw Ø 40 thread M12x100			
 <small>Finish: glass bead or brushed</small>		 <b>50 kg</b>		<b>Description</b> Screw body (1) EPDM washer (2) Protection ring (3) <b>Weight: 62 g</b>
<b>Standard threaded length (L)</b>	<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b> Qty<50 50<Qty<150 150<Qty	
14 mm	06 24 14			
20 mm	06 24 20			
32 mm	06 24 32			
48 mm	06 24 48			
Other threaded lengths possible on order				

If components are damaged they can be replaced by request.

Order form end of this chapter.

<b>Model:</b>		<b>06 23</b>		
<b>Description:</b>		Cylindrical fixing screw Ø 30 thread M12x100		
 <small>Finish: glass bead or brushed</small>				<b>Description</b>  Screw body (1) EPDM washer (2) Protection ring (3) <b>Weight: 40 g</b>
<b>Standard threaded length (L)</b>		<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b>  Qty<50  50<Qty<150  150<Qty
14 mm		06 23 14		
20 mm		06 23 20		
28 mm		06 23 28		
38 mm		06 23 38		
Other threaded lengths possible on order				
<b>Model:</b>		<b>06 34</b>		
<b>Description:</b>		Cylindrical fixing screw Ø 40 thread M10 standard (thread of 150)		
 <small>Finish: glass bead or brushed</small>				<b>Description</b>  Screw body (1) EPDM washer (2) Protection ring (3) <b>Weight: 62 g</b>
<b>Standard threaded length (L)</b>		<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b>  Qty<20  20<Qty<100  100<Qty
20 mm		06 34 20		
30 mm		06 34 30		
50 mm		06 34 50		
70 mm		06 34 70		
Other threaded lengths possible on order				
<b>Model:</b>		<b>06 44</b>		
<b>Description:</b>		Cylindrical fixing screw Ø 50 thread M10 standard (thread of 150)		
 <small>Finish: glass bead or brushed</small>				<b>Description</b>  Screw body (1) EPDM washer (2) Protection ring (3) <b>Weight: 80 g</b>
<b>Standard threaded length (L)</b>		<b>Reference</b>	<b>Glass drilling</b>	<b>lead time (cf. page 1)</b>  Qty<20  20<Qty<50  50<Qty
20 mm		06 44 20		
30 mm		06 44 30		
50 mm		06 44 50		
70 mm		06 44 70		

If components are damaged they can be replaced by request.

Order form end of this chapter.

## Binding screw technical page



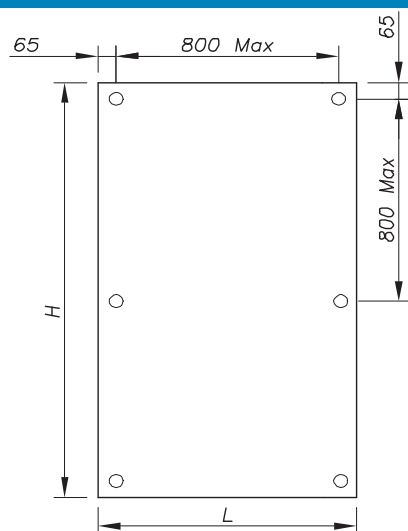
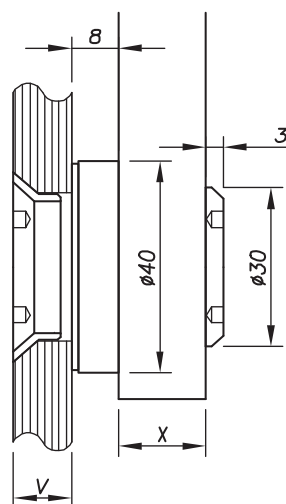
Support thickness	Binding screw reference
5 to 8 mm	07 70 05 08 – screw reference
8 to 12 mm	07 70 08 12 – screw reference
12 to 15 mm	07 70 12 15 – screw reference
Other dimensions possible on order	

**Screws for glass:**

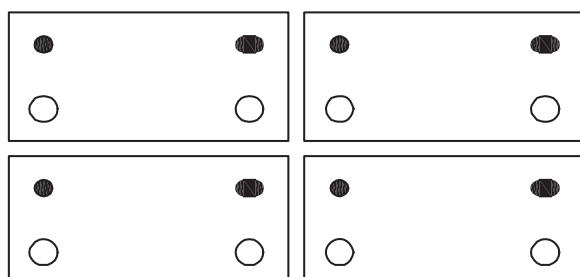
Countersunk or cylindrical possible

**Preparing the support:**

Drilling of the support according to principle of stapled outside glass following the schema below

**Arrangement of drilled holes****Dimensions****X: support provided by the customer. Standard 5 to 15 mm thickness****Other thicknesses possible on request****50 kg**

Glass drilling - see following pages

**Drilling arrangement and sizes in the support (external bolted glass principle)**

Holes to drill in the structure. These holes correspond with the holes needed for the nut passage.

Fixed point	Expanding point	Free point

**Recommendation / use****Glass thickness:** 8 to 12 mm standard. Other dimensions: on request**Tightening of the glass screws:**

Monolithic tempered = Min. 15 N.m

Laminated tempered = 5 N.m

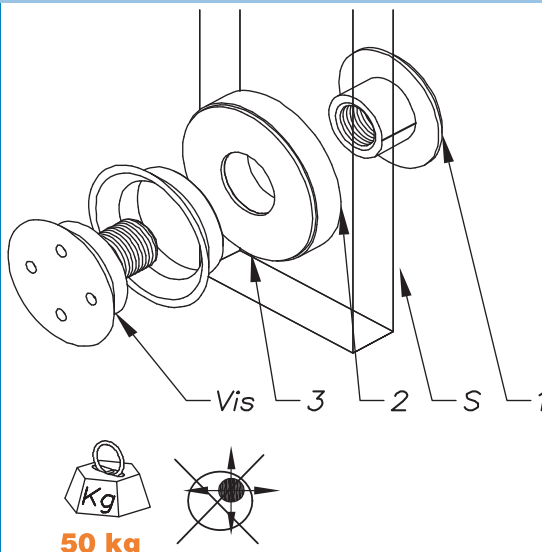
**Max. weight: 50 kg per binding screw**

If components are damaged they can be replaced by request.

Order form end of this chapter.



<b>Model:</b>	<b>07 70 05 08</b>
<b>Description:</b>	<b>Binding screw for 5 to 8 mm support</b>

**Description**

- Nut (1)  
 Spacer (2)  
 Protective washer (3)  
 Support made by the customer. Can vary (S) by 5 to 8 mm  
 Tightening screw (4)

**Weight: 170 g**

Finish: glass bead or brushed

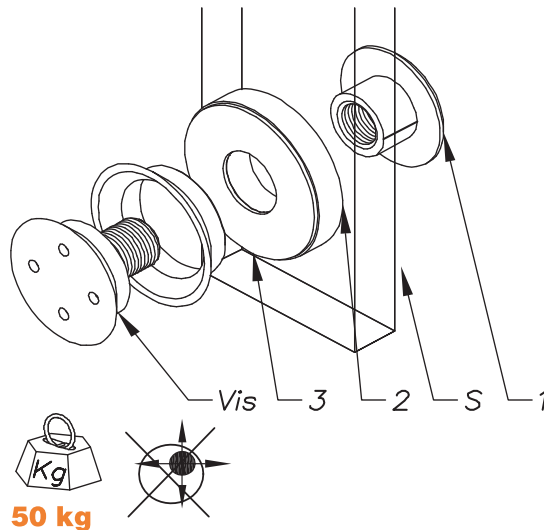
Dimensions	Type of screw	Glass thickness	Reference	Glass drilling
		8	07 70 05 08 06 11 12	
		Other glass thicknesses on order		
		10-12	07 70 05 08 06 11 14	
		lead time (cf. page 1)		
	Qty<150		150<Qty<300	300<Qty
		8	07 70 05 08 06 12 14	
		Other glass thicknesses on order		
		10-12	07 70 05 08 06 12 16	
		lead time (cf. page 1)		
	Qty<100		100<Qty<200	200<Qty
		8	07 70 05 08 06 24 20	
		Other glass thicknesses on order		
		10-12	07 70 05 08 06 24 24	
		lead time (cf. page 1)		
	Qty<50		50<Qty<200	200<Qty
		8	07 70 05 08 06 23 20	
		Other glass thicknesses on order		
		10-12	07 70 05 08 06 23 24	
		lead time (cf. page 1)		
	Qty<50		50<Qty<200	200<Qty

If components are damaged they can be replaced by request.

Order form end of this chapter.



<b>Model:</b>	07 70 08 12
<b>Description:</b>	Binding screw for 8 to 12 mm support



### Description

- |  |     |
|--|-----|
| Nut  | (1) |
| Spacer   | (2) |
| Protective washer                                    | (3) |
| Support made by the customer. Can vary by 8 to 12 mm | (S) |
| Tightening screw                                     | (4) |

**Weight: 174 g**

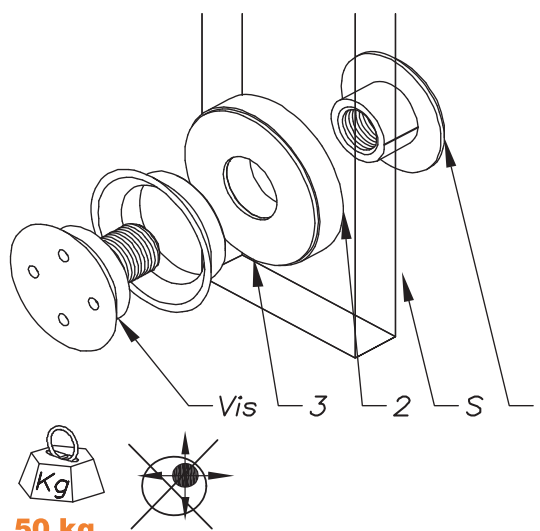
Finish: glass bead or brushed

Dimensions	Type of screw	Glass thickness	Reference	Glass drilling
		<b>8 to 12</b> 07 70 08 12 06 11 14 Other glass thicknesses on order	07 70 08 12 06 11 14 Other glass thicknesses on order	
	<b>lead time</b> (cf. page 1)			
	Qty<150	150<Qty<300	300<Qty	
		<b>8 to 12</b> 07 70 08 12 06 12 16 Other glass thicknesses on order	07 70 08 12 06 12 16 Other glass thicknesses on order	
	<b>lead time</b> (cf. page 1)			
	Qty<100	50<Qty<200	200<Qty	
		<b>8 to 12</b> 07 70 08 12 06 24 24 Other glass thicknesses on order	07 70 08 12 06 24 24 Other glass thicknesses on order	
	<b>lead time</b> (cf. page 1)			
	Qty<50	50<Qty<200	200<Qty	
		<b>8 to 12</b> 07 70 08 12 06 23 24 Other glass thicknesses on order	07 70 08 12 06 23 24 Other glass thicknesses on order	
	<b>lead time</b> (cf. page 1)			
	Qty<50	50<Qty<200	200<Qty	

If components are damaged they can be replaced by request.

Order form end of this chapter.

<b>Model:</b>	<b>07 70 12 15</b>
<b>Description:</b>	<b>Binding screw for 12 to 15 mm support</b>



### Description

- Nut (1)
- Spacer (2)
- Protective washer (3)
- Support made by the customer. Can vary by (S)
- 12 to 15 mm
- Tightening screw (4)

**Weight: 180 g**

Finish: glass bead or brushed

Dimensions	Type of screw	Glass thickness	Reference	Glass drilling
		<b>8 to 12</b>	07 70 12 15 06 11 16	
		Other glass thicknesses on order		
		<b>lead time (cf. page 1)</b>		
		Qty<150	150<Qty<300	300<Qty
		<b>8 to 12</b>	07 70 12 15 06 12 18	
		Other glass thicknesses on order		
		<b>lead time (cf. page 1)</b>		
		Qty<100	50<Qty<200	200<Qty
		<b>8 to 12</b>	07 70 12 15 06 24 26	
		Other glass thicknesses on order		
		<b>lead time (cf. page 1)</b>		
		Qty<50	50<Qty<200	200<Qty
		<b>8 to 12</b>	07 70 12 15 06 23 26	
		Other glass thicknesses on order		
		<b>lead time (cf. page 1)</b>		
		Qty<50	50<Qty<200	200<Qty

If components are damaged they can be replaced by request.

Order form end of this chapter.

Price request

Order

## Order form screw and binding screw

Customer name:

Interlocutor:

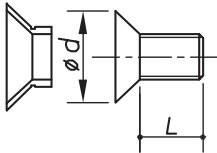
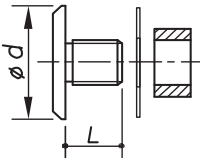
Date:

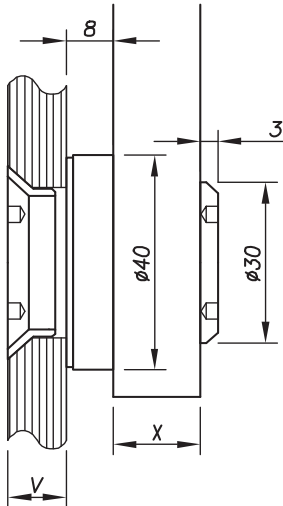
Project name:

Your phone number:

DISCOUNT

Your fax:

Tightening screw		Reference	Finish	Qty	Price
	M12 x 100	Ø 36	06 11 12	Brushed* Glass bead*	
			06 11 20	Brushed* Glass bead*	
			06 11 29	Brushed* Glass bead*	
			06 11 39	Brushed* Glass bead*	
		Ø 28	06 12 12	Brushed* Glass bead*	
			06 12 18	Brushed* Glass bead*	
			06 12 31	Brushed* Glass bead*	
			06 12 41	Brushed* Glass bead*	
	Ø 40	06 24 14	Brushed* Glass bead*		
		06 24 20	Brushed* Glass bead*		
		06 24 32	Brushed* Glass bead*		
		06 24 48	Brushed* Glass bead*		
	Ø 30	06 23 14	Brushed* Glass bead*		
		06 23 20	Brushed* Glass bead*		
		06 23 32	Brushed* Glass bead*		
		06 23 48	Brushed* Glass bead*		
	Ø 40	06 34 20	Brushed* Glass bead*		
		06 34 30	Brushed* Glass bead*		
		06 34 50	Brushed* Glass bead*		
		06 34 70	Brushed* Glass bead*		
		Ø 50	06 44 20	Brushed* Glass bead*	
			06 44 30	Brushed* Glass bead*	
			06 44 50	Brushed* Glass bead*	
			06 44 70	Brushed* Glass bead*	

Binding screw		Reference	Finish	Qty	Price
	Support thickness	5 to 8 mm	07 70 05 08 06 11 12	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 11 14	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 12 14	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 12 16	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 24 20	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 24 22	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 23 20	Brushed* Glass bead*	
		5 to 8 mm	07 70 05 08 06 23 22	Brushed* Glass bead*	
	8 to 12 mm	07 70 08 12 06 11 14	Brushed* Glass bead*		
		07 70 08 12 06 12 16	Brushed* Glass bead*		
		07 70 08 12 06 24 24	Brushed* Glass bead*		
		07 70 08 12 06 23 24	Brushed* Glass bead*		
	12 to 15 mm	07 70 12 15 06 11 16	Brushed* Glass bead*		
		07 70 12 15 06 12 18	Brushed* Glass bead*		
		07 70 12 15 06 24 26	Brushed* Glass bead*		
		07 70 12 15 06 23 26	Brushed* Glass bead*		
* Delete as inappropriate					



# ARCHITECTURAL GLASS SYSTEMS