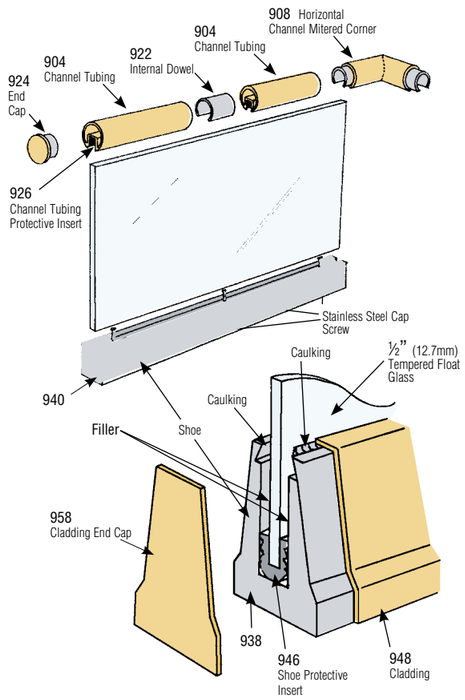
Glass Railing System (Series 900) TECH DATA

TSM's striking architectural GrandView Glass Railing system offers structural safety advantages with unobstructed views.

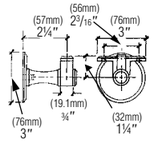


BRIGHT BRASS GLASS RAILING
#GU-304CKBB Cast Wall Bracket
#GL-904BB 2½" O.D. Channel Tubing (64mm)
#BH-106BB 1½" O.D. Handrail (38mm) *see page 19*
#H-309P Black Plastic End Cap *see page 9*
#GU-948BB Cladding and #958BB Cladding End Cap
#GU-938 Shoe

BRIGHT STAINLESS STEEL GLASS RAILING
#GU-304TKB Tubular Wall Bracket
#GT-904B 2" O.D. Channel Tubing (52mm)
#GT-924B End Cap
#H-106B/RG 1½" O.D. Bright Ripple Grip™ Handrail (38mm) *see page 19*
#H-309B End Cap *see page 9*
#GU-950B Cladding and #GU-960B Cladding End Cap
#GU-940 Shoe

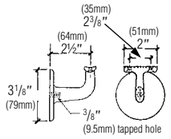
GLASS HANDRAIL BRACKET KITS

Shown in Clear Anodized Aluminum



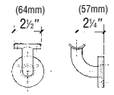
304RK

Shown in Bright Brass



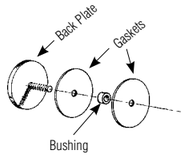
304CK

Shown in Satin Finish Stainless Steel



304TK

All glass handrail brackets include a stainless steel back plate, two clear plastic gaskets & bushing (also available separately without brackets, model 304K)



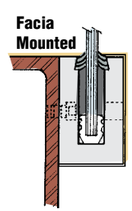
	Satin Finish Stainless Steel	Bright Finish Stainless Steel	Clear Anodized Aluminum	Satin Finish Brass	Bright Finish Brass
304RK Self-Aligning Bracket	GU-304RK	GU-304RKB	GU-304RKAA	GU-304RKSB	GU-304RKBB
304CK Cast Wall Bracket	GU-304CK	GU-304CKB	GU-304CKAA	GU-304CKSB	GU-304CKBB
304TK Tubular Wall Bracket	GU-304TK	GU-304TKB	N/A	GU-304TKSB	GU-304TKBB

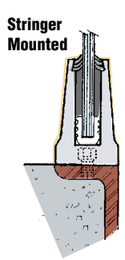
Installation

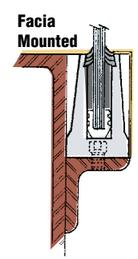
Setting Glass into Shoes: Place 6" long pieces (152mm) of shoe insert (model #946) onto glass panel at three or more equidistant locations, then lower glass into the shoe. There is space between the glass and the inside shoe walls that should have filler inserted into it to plumb and set the glass properly. The choice of filler is at the discretion of the installer (use of epoxy based fillers is not recommended.) Add caulking as needed above the filler.

Mounting Handrail Brackets onto Glass: Order glass predrilled with 5/8" (16mm) holes in glass before tempering. *(Warning: Drilling tempered glass is not recommended!)* Insert plastic bushing in hole. Slip clear plastic gasket onto back plate stud and insert in hole. Place other clear plastic gasket onto the base of the bracket and thread bracket onto stud of back plate.

Mounting Channel Tubing (Cap Rail) onto Glass: #926 Channel Tubing Protective Insert sits on top edge of glass panel between glass and cap rail. Use of a clear adhesive windshield sealer is recommended.





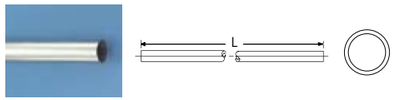


	Satin Finish Stainless Steel		Bright Finish Stainless Steel		Clean Anodized Aluminum		Satin Finish Brass		Bright Finish Brass	
	2" O.D.	2½" O.D.	2" O.D.	2½" O.D.	2" O.D.	2½" O.D.	2" O.D.	2½" O.D.	2" O.D.	2½" O.D.
904 Channel Tubing	GT-904	GL-904	GT-904B	GL-904B	GT-904AA	GL-904AA	GT-904SB	GL-904SB	GT-904BB	GL-904BB
906 Round Tubing	GT-906	GL-906	GT-906B	GL-906B	GT-906AA	GL-906AA	GT-906SB	GL-906SB	GT-906BB	GL-906BB
908 Horizontal Channel Mitered Corner	GT-908	GL-908	GT-908B	GL-908B	GT-908AA	GL-908AA	GT-908SB	GL-908SB	GT-908BB	GL-908BB
910 Vertical Channel Mitered Corner	GT-910	GL-910	GT-910B	GL-910B	GT-910AA	GL-910AA	GT-910SB	GL-910SB	GT-910BB	GL-910BB
912 Mitered Corner (no channel)	GT-912	GL-912	GT-912B	GL-912B	GT-912AA	GL-912AA	GT-912SB	GL-912SB	GT-912BB	GL-912BB
922 Internal Dowel Required for each channel connection. Slips inside to connect components. Adhesive included.	GT-922	GL-922	GT-922	GL-922	GT-922	GL-922	GT-922	GL-922	GT-922	GL-922
924 End Cap Press fits into tubing ends with or without channel.	GT-924	GL-924	GT-924B	GL-924B	GT-924AA	GL-924AA	GT-924SB	GL-924SB	GT-924BB	GL-924BB
948 Cladding Attaches to shoe with silicon, epoxy or two-way glazing tape.	GU-948	GU-948	GU-948B	GU-948B	N/A	N/A	GU-948SB	GU-948SB	GU-948BB	GU-948BB
950 Cladding Same as 948.	GU-950	GU-950	GU-950B	GU-950B	N/A	N/A	GU-950SB	GU-950SB	GU-950BB	GU-950BB
958 Cladding End Cap Same as 948. Companion to 938.	GU-958	GU-958	GU-958B	GU-958B	N/A	N/A	GU-958SB	GU-958SB	GU-958BB	GU-958BB
960 Cladding End Cap Same as 948. Companion to 940.	GU-960	GU-960	GU-960B	GU-960B	N/A	N/A	GU-960SB	GU-960SB	GU-960BB	GU-960BB

TUBING

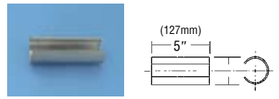
- STAINLESS STEEL: Type 304 in satin or bright finish, 2" or 2½" O.D. (51or64mm) x 16 gauge (.065" wall).
  Channel Tubing: Length 10' (3048mm), channel depth 1½" (38mm)
  Round Tubing: Length 20' (6096mm)
- ALUMINUM: Alloy 6063T5 in clear anodized or mill finish, 1.9" O.D. x .145" wall (48x3.7mm) or 2½" O.D. x 1/8" wall (64x29mm).
  Channel Tubing: Length 20' (6096mm), channel depth 1-1/8" (29mm)
  Round Tubing: Length 20' (6096mm)
- BRASS: Alloy CDA 260 in satin or bright finish, 2" or 2½" O.D. (51or64mm) x 16 gauge (.065" wall).
  Channel Tubing: Length 10' (3048mm), channel depth 1-1/8" (29mm)
  Round Tubing: Length 12' (3658mm)

NOTE: Other tubing sizes are available, ranging from 1½"-4" O.D. (38-102mm).

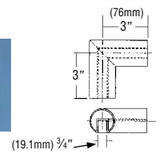


906

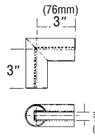
904



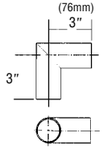
922



908

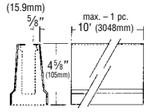


910

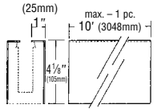


912

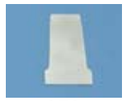
924

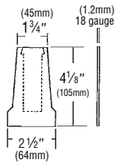


948

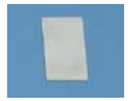


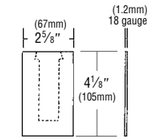
950



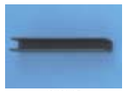


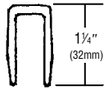
958



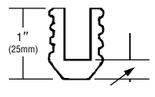


960

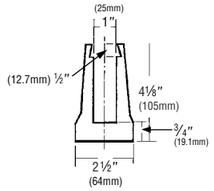




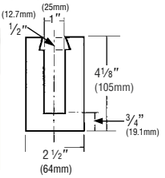
926



946



938



940

	Universal Application
926 Channel Tubing Protective Insert Rigid PVC protects glass panels inside channel tubing. Length 10' (3048mm).	GU-926
938 Shoe Aluminum alloy 6063T5. Optional hole drilling pattern accommodates ½" (12.7mm) cap screws (provided by others), 12" on center (305mm). Length 12' (3658mm).	GU-938
940 Shoe Same as 938, except lengths are 10' and 20' (3048/6096mm). Heavy Duty.	GU-940
946 Shoe Protective Insert Resilient EPDM setting block protects glass panel inside shoe.	GU-946