**BA503TSM5G21021 –***Handrail Bracket – The Sheer Articulating Glass Bolt – Light Duty*

**Product Specifications**

**Specification Summary:**Handrail Bracket – Taper Face Fitting: Provide Type 2205 finished duplex stainless steel with black gaskets and ferrule bushing able to accommodate 17 mm to 19 mm glass thickness with no flange or flare at the connection point from handrail arm connection point. Distance between glass face and edge of 38mm diameter handrail tube is 60 mm. Loading capacity for the handrail: Vertical 1.05 kN, Horizontal 1.05 kN. Handrail fitting must meet the requirements of the National Building Code of Canada 2015, Div B, Section 3.4.6.5. Allowable loads are for distance between fittings of up to 1.5 m. Permitted Product: “Model BA503TSM5G21021” by Stella Glass Hardware; www.stellaglasshardware.com.

**Specification Details:**

* Division:
	+ 05 - Products - 05 51 00 – Balustrade
* Materials:
	+ Steel: Grade 2205 Duplex stainless steel
	+ Finish: No. 4, 320 grit
	+ Gaskets: Material based on high-quality aramid fibers and special functional fillers bonded with NBR, sulfur-free, solvent-free.
	+ Ferrule Bushing: Acetal delrin
* Mount Type: Side mount on glass
* Mounting Structure: Glass
* Glass Thickness: 17 to 19mm [11/16" to 3/4"]
* Diameter of handrail tube: 38mm [1 1/2"]
* Loading for the handrail: Vertical 1050 kN, Horizontal 1050 kN
* Compliances/Standard: Project specific
	+ Meets the requirements of the National Building Code of Canada 2015, Div B, Section 3.4.6.5. Allowable loads are for distance between fittings of up to 1.5 m [5’].
* Warranty: 2-year limited warranty\* (can be project specific)