

RATED ONE AND TWO-PIECE U-CHANNEL FOR FIXED SYSTEM (TUBELESS) (LEVEL 3)

PART#: BL2.5

PRODUCT LINE: FRAMES

DESCRIPTION

The TSS-BL2.5 bullet-resistant aluminum channel is designed to accept bullet-resistant glazing (acrylic, laminated polycarbonate, or glass clad polycarbonate) materials from 3/4" to 1 3/8" thick in a fixed opening. This channel system does not require any additional framing and can be applied to an opening. This channel can be used in interior or exterior purposes. The TSS-BL2.5 Channel can come in either a 2 piece channel for easy installation or as a solid one-piece channel.

OPTIONS

- Glazing 3/4" to 1 3/8" thick
- Clear anodized finish
- Dark bronze anodized finish
- Channel is 2 1/2" wide by 1 3/4" tall

Other custom coating options are available upon inquiry.

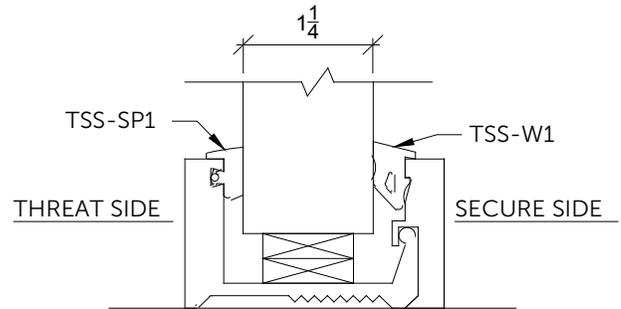
RATINGS

- U.L. Level 3 - .44 Mag (3 shots)

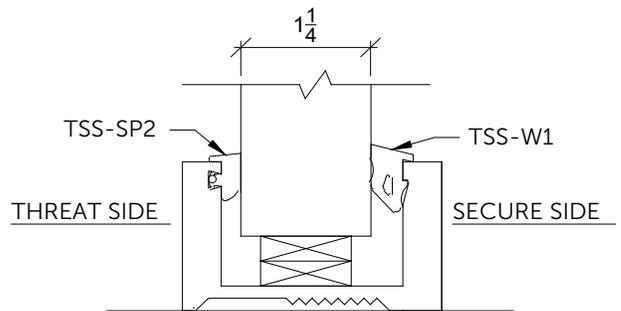
STANDARDS

- U.L. 752 Standard for Bullet Resistant Materials
- ASTM B209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- ASTM B221 Standard Specification for Aluminum and Aluminum Alloy Extruded Bars, Rods, Wires, Profiles, and Tubes

2.5 TWO PIECE CHANNEL



2.5 ONE PIECE CHANNEL



PROPERTIES & SPECIFICATIONS

Protection	Level 3 - .44 Mag
Ballistic Data	Max Velocity 1: ≥1350 ft.s Max Velocity 2: ≥1485 ft/s
Material	6061-T6 alloy/tempered
Yield Strength	40,000 PSI
Ultimate Tensile Strength	45,000 PSI
Brinell Hardness	95
Rockwell Hardness	B60
Pounds per Linear Foot	4.8 lbs/linear foot
Density	0.098 lb/cubic inch
Spec. Gravity	2.7
Melting Point	1090°
Mod. of Elasticity Tension	10
Mod. of Elasticity Torsion	3.8