

# TMS Detector Prototyping Update

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## 1. Following slides...

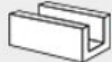


3m quad counter glued on granite table using new scintillator, led to discussions/decision on handling...



# For now will handle/ship quad counters with commercial U channel, can stack 3-4 counters

## McMASTER-CARR®


[CONTACT US](#)[ORDER](#)[ACTIVITY](#)[LOG](#)[Clear All](#)**System of Measurement**[Inch](#)**Outside Width**[8"](#)**Shape**[U Channel](#)**Length**[5 ft.](#)[10 ft.](#)**Material**[Fiberglass](#)**Inside Width**[✓ 7 1/2"](#)[Show](#)**2 Products**[How can we improve?](#)[Print](#)[Forward](#)[View catalog](#)[▶ About Composites](#)[More](#)

## Structural FRP Fiberglass U-Channels



- Color: Green
- Temperature Range: -60° F to 140° F
- Tensile Strength: 7,000-30,000 psi (Good)
- Impact Strength: 4-25 ft.-lbs./in. (Excellent)
- Hardness: Barcol 45 (Hard)
- For Use Outdoors: Yes

Made of fiberglass-reinforced polyester, these FRP fiberglass U-channels are an alternative to wood in structural applications. They are strong and lightweight.

 **CAD** For technical drawings and 3-D models, click on a part number.

Outside				Inside		Straightness Tolerance	5 ft. Lg.		10 ft. Lg.	
Wd.	Wd. Tolerance	Ht.	Ht. Tolerance	Wd.	Ht.		Each		Each	
1/4" Wall Thick. (-0.025" to 0.025")										
8"	-0.094" to 0.094"	2 3/16"	-0.094" to 0.094"	7 1/2"	1 15/16"	0.050" per ft.	8529K45	\$98.14	8529K55	\$188.12

New fixturing to do vertical gluing (easier for factories),  
swivels horizontal for cutting to 3.0m and other steps

