

USG MODULOCK™ TECHNOLOGY



Rendering
© USG Corporation 2026.
All rights reserved.

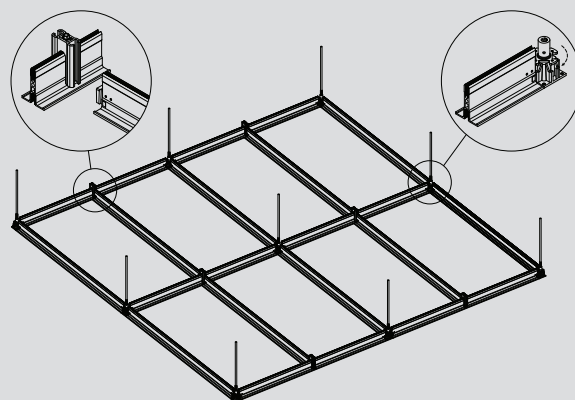
FEATURES AND BENEFITS

- A breakthrough in structural ceiling installation, Modulock™ technology replaces connectors, turnbuckles, and bolts in traditional structural grid installations—simplifying assembly, enhancing jobsite safety, and significantly reducing installation time
- Preassembled cross tees lock into the Modulock™ assembly creating its high-strength, proprietary connection that delivers a superior factor of safety
- Integrates seamlessly with USG ALTA™ Structural Suspension System
- Diecast aluminum with stainless steel components comes fully assembled
- Anodized surface and painted options available in White (050) and Flat Black (205)
- Level from below the finished ceiling
- Superior load carrying capacity, up to 1,200 lbs

APPLICATIONS

- Data Centers
- Critical Facilities

TYPICAL SYSTEM

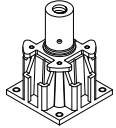
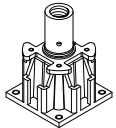
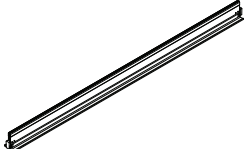
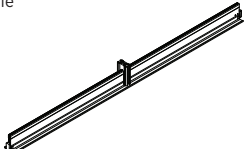
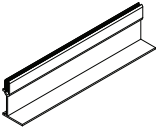


USG MODULOCK™ TECHNOLOGY

ORDER SAMPLES/LITERATURE
usg.com or samplit@usg.com
TECHNICAL SERVICES
800 USG.4YOU (874-4968)

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
AND LEED REPORT TOOL
usgdesignstudio.com
usg.ecomedes.com

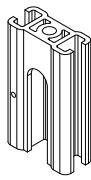
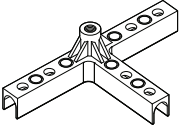
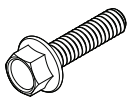
SGM SYSTEM

		Length	Height	Item No.
Modulock Assembly 3/8"-16 Threaded Rod Connection		2"	3"	SGMA38
Modulock Assembly 1/2"-13 Threaded Rod Connection		2"	3"	SGMA50
Cross Tee with Inserts		4'	2-3/4"	SGXMI440
Cross Tee with Inserts and Saddle		4'	2-3/4"	SGXMIS440
Perimeter Tee		12'	2-7/8"	SGXWM40

LOAD CAPACITIES

Module Size	Max Safe Working Uniform Load (lbs/ft²) ¹	Point Load at L/360 (lbs) ²	Allowable Point Load (lbs) ³	Point Load at Yield (lbs) ⁴
4' X 4'	75	288	529	883

ACCESSORIES

SGMSDL 	SGXIB3W 	SGXACB ⁵ 	SGMCAP 
---	--	--	---

PHYSICAL DATA/ FOOTNOTES

Material
Diecast aluminum

Notes

1. Maximum safe working uniform load – This value is the max area per hanger divided into the max load safe capacity of the hardware, in this case 1,200 lbs.
2. Point load at L/360 – This is the predicted load at deflection of length, in inches, divided by 360. Deflection limit is 0.133" @ L=48".
3. Allowable point load – Recommended max load with a factor of safety of 1.67 applied from material yield.
4. Point load at yield – Predicted load, in lbs., when material starts to yield and further deformation will be no longer elastic.
5. Bolt only required if ordering the saddle, SGMSDL, separately or 3-way intersection bracket, SGXIB3W.

Notice

The information in this document is subject to change without notice. USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

CG443911/8-26
© 2026 USG Corporation and/or its affiliates. All rights reserved. Printed in USA

Manufactured by
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

The trademarks USG, ALTA, MODULOCK, IT'S YOUR WORLD. BUILD IT., the USG logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

