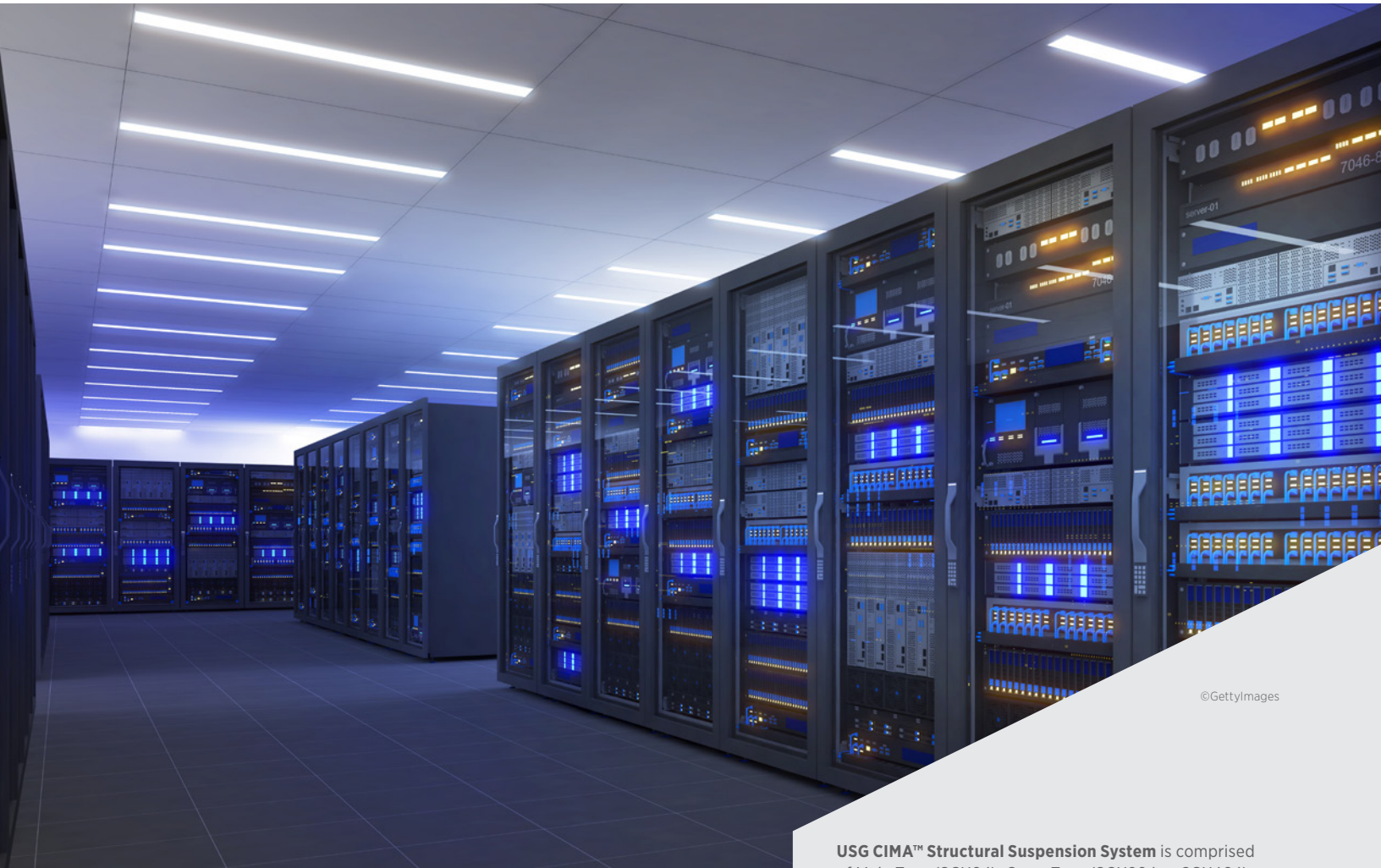


USG CIMA™ STRUCTURAL SUSPENSION SYSTEM



©GettyImages

FEATURES AND BENEFITS

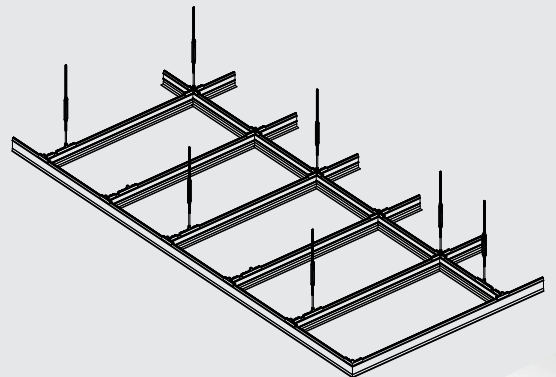
- 2" flanged structural tee system
- 6005 T5 aluminum body with anodized surface and painted options available in White (050), Flat Black (205), and custom colors
- Standard threaded upper and lower channels
- Superior load carrying capacity, up to 1,800 lbs.
- Gasketing options available

APPLICATIONS

- Data Centers
- Critical Facilities

USG CIMA™ Structural Suspension System is comprised of Main Tees (SGX64), Cross Tees (SGX264 or SGX464), Perimeter Tees (SGXWM64), Intersection Brackets, and a series of accessory components designed for specific project requirements.

TYPICAL SYSTEM






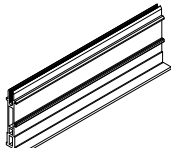


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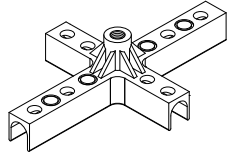
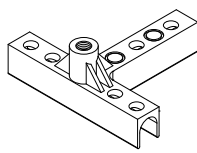
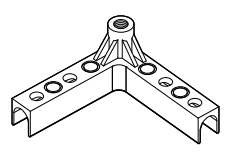
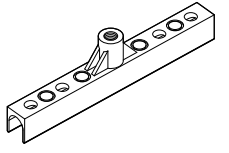

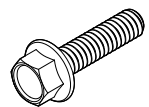
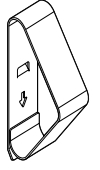
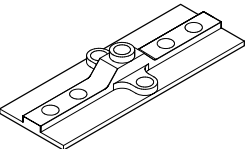
SGX64 SYSTEM

	Length	Height	Item No.
Main Tee  	12'	4"	SGX64
Cross Tee  	4'	4"	SGX464
	2'	4"	SGX264
Perimeter Tee  	12'	4"	SGXWM64

LOAD CAPACITIES

Module Size ¹	Max Safe Working Uniform Load (lbs/ft ²) ²	Point Load at L/360 (lbs) ³	Allowable Point Load (lbs) ⁴	Point Load at Yield (lbs) ⁵
4' X 4'	113	1,100	1,300	2,200
4' X 6'	75	500	900	1,500

SGX ACCESSORIES

SGXIB4WHD 	SGXIB3WHD 	SGXIBC 	SGXSHS 
SGXACLW ⁶ 	SGXACB 	SGXACSHC 	SGXDCCA ⁷ 

Material
6005 T5 aluminum body

Notes

- Allowable load assumes point loads spaced min 4ft centers on section suspended between hangers on a 4' x 4' system or 6ft centers on a 4' x 6' system.
- 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 1,800 lbs.
- 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" and 0.20" @ L=72".
- Allowable point load** - Recommended max load with a factor of safety of 1.67 applied from material yield.
- Point load at yield** - Predicted load, in lbs., when material starts to yield and further deformation will be no longer elastic.
- Maximum static point load at turnbuckle, 1,800 lbs. or 112 lbs./sq. ft. for a 4' x 4' system.
- Maximum allowable static load for data center clip assembly installed with 4 bolts is 600 lbs.

PHYSICAL DATA/ FOOTNOTES

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.

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

