

Standard Universal Sway Brace



CERTIFICATIONS



Korea Fire Institute

FEATURES

Use for both lateral and longitudinal sway brace applications

Snap-off bolt head helps enable easy installation and inspection of seismic sway braces

Works with 1" through 2" brace pipes to reduce inventory

Slotted design grabs service pipe for added gripping strength

Meets NFPA®-13 requirements for seismic sway bracing

Meets CEN/TS 17551:2021 requirements for Seismic Sway Bracing

SPECIFICATIONS

Material: Steel;Cast Iron

Finish: Electrogalvanized

Table 1/1

Catalog Number	Article Number	NB/DN	A	B	Certifications
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CSBSTU0100EG	404385	25	174.6 mm	25 mm	UL, FM Approved, Seismic, AON Fire Protection, Rigid Seismic, OSHPD, cUL
CSBSTU0125EG	404386	32	187.4 mm	25.4 mm	cUL, AON Fire Protection, Rigid Seismic, UL, FM Approved, Seismic, OSHPD
CSBSTU0150EG	404387	40	196.9 mm	25.4 mm	OSHPD, AON Fire Protection, Rigid Seismic, cUL, UL, FM Approved, Seismic
CSBSTU0200EG	404388	50	206.4 mm	30.2 mm	UL, FM Approved, Seismic, AON Fire Protection, Rigid Seismic, OSHPD, cUL
CSBSTU0250EG	404389	65	225.4 mm	30.2 mm	cUL, AON Fire Protection, Rigid Seismic, UL, FM Approved, Seismic, OSHPD
CSBSTU0300EG	404390	80	238.1 mm	30.2 mm	OSHPD, AON Fire Protection, Rigid Seismic, cUL, UL, FM Approved, Seismic
CSBSTU0400EG	404391	100	269.9 mm	38.1 mm	UL, FM Approved, Seismic, AON Fire Protection, Rigid Seismic, OSHPD, cUL
CSBSTU0500EG	404392	125	308 mm	38.1 mm	cUL, AON Fire Protection, Rigid Seismic, UL, FM Approved, Seismic, OSHPD
CSBSTU0600EG	404393	150	346.1 mm	50.8 mm	OSHPD, AON Fire Protection, Rigid Seismic, cUL, UL, FM Approved, Seismic

CSBSTU0800EG	404394	200	400.1 mm	50.8 mm	UL, FM Approved, Seismic, AON Fire Protection, Rigid Seismic, Korea Fire Institute, Rigid Seismic, ENG, OSHPD, cUL
CSBSTU1000EG	404395	250	457.2 mm	50.8 mm	cUL, AON Fire Protection, Rigid Seismic, Korea Fire Institute, Rigid Seismic, ENG, UL, FM Approved, Seismic, OSHPD

ADDITIONAL PRODUCT DETAILS

When installed with Schedule 10 and Schedule 40 Service Pipe, use 1" to 2" Schedule 40 NPS as brace member.

When installed with KS D 3507 and KS D 3562 Service Pipe, use 25A to 32A KS D 3562 as brace member.

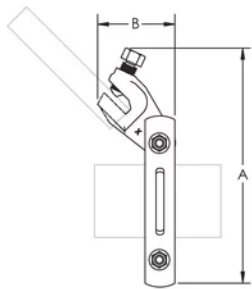
UL Loads				
Part Number	Lateral		Longitudinal	
	Sch 10/ Sch 40 Service Pipe	KS D 3507/ KS D 3562 Service Pipe	Sch 10/ Sch 40 Service Pipe	KS D 3507/ KS D 3562 Service Pipe
CSBSTU0250	8896 N	8896 N	5782 N	3025 N
CSBSTU0300	7117 N	N/A	3114 N	N/A
CSBSTU0400	8896 N	N/A	5782 N	N/A
CSBSTU0500	8896 N	N/A	5782 N	N/A
CSBSTU0600	4893 N	N/A	4893 N	N/A
CSBSTU0800	8896 N	8896 N	6094 N	6094 N
CSBSTU1000	8895 N	8896 N	8385 N	8385 N

FM Loads (EN 10255 L, EN10255 M and EN 10255 H Service Pipes)								
Part Number	Horizontal Capacity per Installation Angle from Vertical							
	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBSTU0100xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0125xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0150xx	3825 N	5425 N	6670 N	7430 N	4315 N	3200 N	3825 N	4270 N
CSBSTU0200xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0250xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0300xx	6805 N	9610 N	11790 N	13165 N	3870 N	3070 N	3690 N	4136 N
CSBSTU0400xx	6985 N	9875 N	12100 N	13480 N	6895 N	6185 N	7475 N	8320 N
CSBSTU0500xx	6985 N	9875 N	12100 N	13480 N	6895 N	6185 N	7475 N	8320 N
CSBSTU0600xx	8805 N	12500 N	15300 N	17080 N	6540 N	5205 N	6270 N	6985 N

FM Loads (4.8 mm wall and EN 10255 H Service Pipes)								
Part Number	Horizontal Capacity per Installation Angle from Vertical							
	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBSTU0800xx	9075 N	12855 N	15745 N	17570 N	5340 N	7560 N	9295 N	10365 N
CSBSTU1000xx	9075 N	12855 N	15745 N	17570 N	5340 N	7560 N	9295 N	10365 N

UL Loads (Listed for Restraints)		
Part Number	Lateral	Longitudinal
	Sch 10/Sch 40 Service Pipe	Sch 10/Sch 40 Service Pipe
CSBSTU0100	2914 N	2914 N
CSBSTU0125	2914 N	2914 N
CSBSTU0150	2914 N	2914 N
CSBSTU0200	2914 N	-

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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