



Pipe Braces



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The all-steel pipe braces are available in lengths from 7'-6" to 52'-6" and designed for formwork, precast and tilt-up bracing applications.

Adjustable Pipe Braces have a telescoping pipe for rough dimension and a 6" threaded connecting shoe for final adjustment and anchoring. There are three sizes of Adjustable Pipe Brace, ranging from 7'-6" to 39'-0" (refer to table for additional information).

Fixed Pipe Braces are a standard length with an 18" threaded connecting shoe for final adjustment and anchoring. There are four sizes of Fixed Pipe Brace, including extensions, ranging from 16'-6" to 32'-9" (refer to table for additional information).

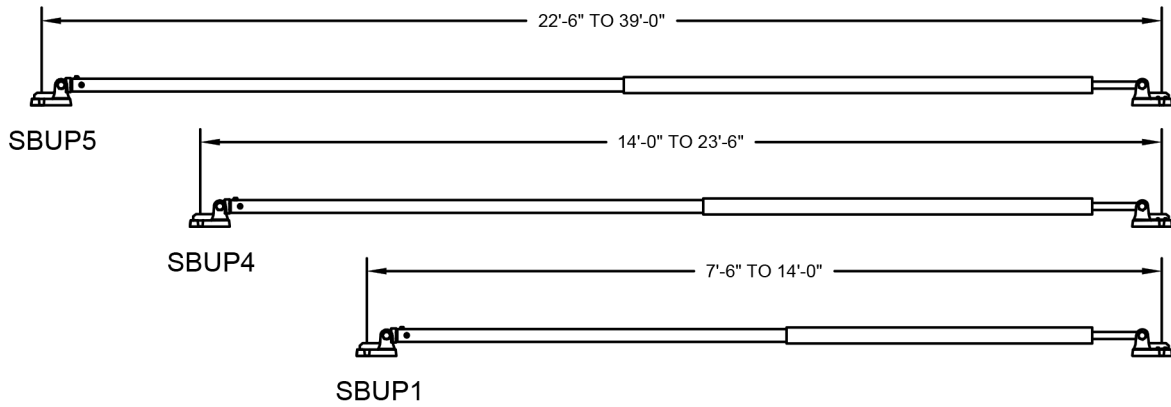
The Heavy-Duty Fixed Pipe Brace is a larger diameter pipe that provides greater capacity with an 18" threaded connecting shoe. There are three sizes of HD Fixed Pipe Brace, including extensions, ranging from 31'-0" to 52'-6" (refer to table for additional information).

Pipe Braces should always be inspected for unusual wear or damage after each use. Any pipe brace with missing parts, dents or kinks, indications of heating or other damage, should not be used until properly repaired.

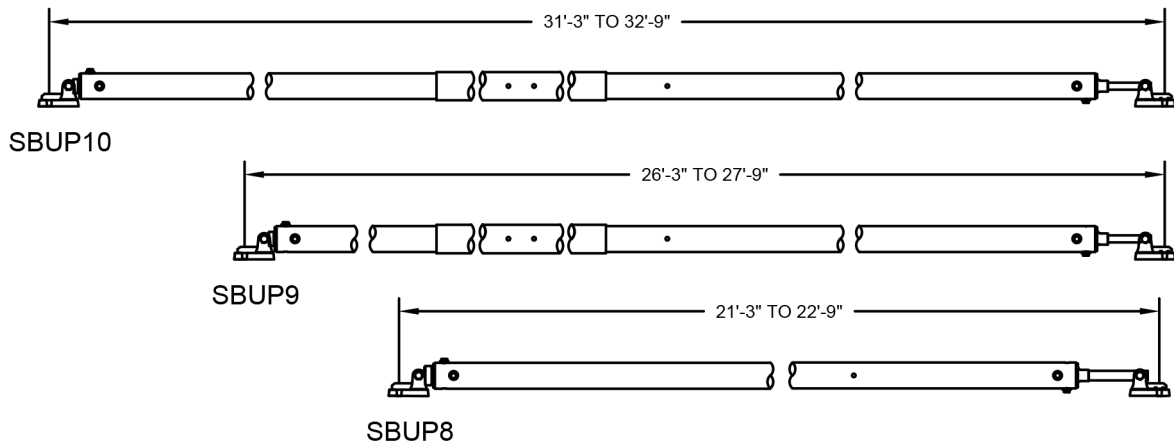
Pipe Braces					
Type	Description	Length		Ultimate Brace Load* w/o Knee Bracing	Weight (lbs)
		Min	Max	Maximum (lbs)	
Adjustable Pipe Brace					
SBUP1	Adjustable Pipe Brace	7'-6"	14'-0"	9,750 / 6,600	95.0
SBUP4	Adjustable Pipe Brace - HD	14'-0"	23'-6"	9,750 / 3,200	130.0
SBUP5	Adjustable Pipe Brace - HD Long	22'-6"	39'-0"	9,750 / not recommended	208.0
Fixed Pipe Brace					
SBUP7	Fixed Pipe Brace	16'-6"	17'-6"	9,750	105.0
SBUP8	Fixed Pipe Brace	21'-0"	22'-2"	9,750	136.0
SBUP9	Fixed Pipe Brace w/ 5' Ext	26'-1"	27'-3"	7,200	188.0
SBUP10	Fixed Pipe Brace w/10' Ext	31'-1"	32'-3"	5,400	224.0
SBUPE5	Fixed Pipe Brace - 5' Ext Only	5'-0"	-	-	23.0
SBUPE10	Fixed Pipe Brace - 10' Ext Only	10'-0"	-	-	46.0
SBUPEC	Fixed Pipe Extension Coupler	4'-0"	-	-	42.0
Heavy-Duty Fixed Pipe Brace (5.5" diameter)					
SBUP11	HD Fixed Pipe Brace	31'-0"	32'-6"	15,250	295.0
SBUP14	HD Fixed Pipe Brace w/ 10' Ext	41'-0"	42'-6"	8,040	400.0
SBUP15	HD Fixed Pipe Brace w/ 20' Ext	51'-0"	52'-6"	5,775	520.0
Super-Duty Fixed Pipe Brace (8" diameter)					
SBUP17	SD Fixed Pipe Brace 42'	41'-0"	42'-6"	15,250	550.0
SBUP18	SD Fixed Pipe Brace 52'	51'-0"	52'-6"	15,250	675.0
SBUP19	SD Fixed Pipe Brace 62' (52'+10')	61'-0"	62'-6"	15,250	850.0

* Ultimate Brace Load based on test reports and calculations.

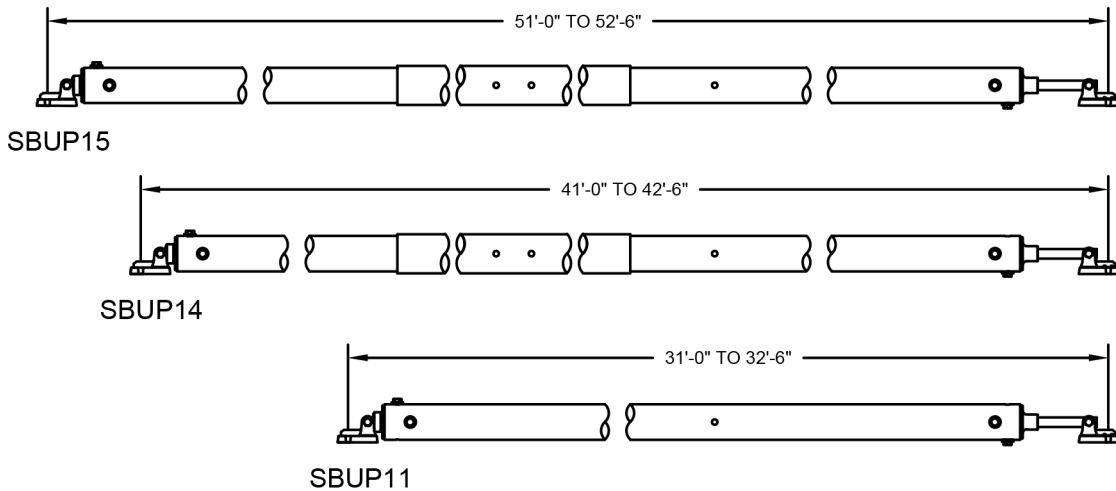
Adjustable Pipe Braces

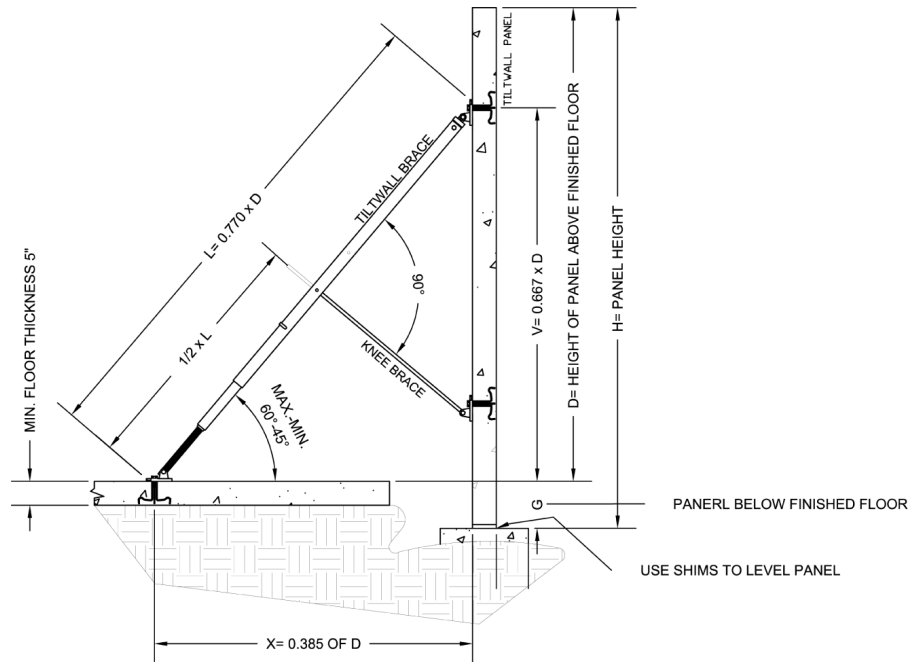


Fixed Pipe Braces



Heavy-Duty Fixed Pipe Braces (5.5" diameter)





V= MINIMUM 2' ABOVE CENTER OF GRAVITY

Adjustable Pipe Brace (SBUP1)

D	V	X	L	Ultimate Brace Load* w/o Knee Bracing
9'-0"	6'-0"	3'-0"	7'-6"	9,750 lbs
10'-0"	7'-0"	4'-0"	8'-0"	9,750 lbs
12'-0"	8'-0"	5'-0"	9'-0"	9,750 lbs
14'-6"	9'-0"	5'-5"	11'-0"	9,750 lbs
16'-0"	11'-0"	6'-0"	12'-0"	8,175 lbs
18'-0"	12'-0"	7'-0"	14'-0"	6,600 lbs

Adjustable Pipe Brace - HD (SBUP4)

D	V	X	L	Ultimate Brace Load* w/o Knee Bracing	Ultimate Brace Load* with Knee Bracing**
18'-0"	12'-0"	9'-0"	15'-0"	9,750 lbs	9,750 lbs
19'-0"	12'-8"	9'-6"	15'-10"	9,750 lbs	9,750 lbs
20'-0"	13'-4"	10'-0"	16'-8"	9,750 lbs	9,750 lbs
21'-0"	14'-0"	10'-6"	17'-6"	8,880 lbs	9,750 lbs
22'-0"	14'-8"	11'-0"	18'-4"	7,200 lbs	9,750 lbs
23'-0"	15'-4"	11'-6"	19'-2"	5,888 lbs	9,750 lbs
24'-0"	16'-0"	12'-0"	20'-0"	5,363 lbs	9,750 lbs
25'-0"	16'-8"	12'-6"	20'-10"	4,464 lbs	9,750 lbs
26'-0"	17'-4"	13'-0"	21'-8"	3,750 lbs	9,750 lbs
27'-0"	18'-0"	13'-6"	22'-6"	3,412 lbs	9,750 lbs
28'-0"	18'-8"	14'-0"	23'-4"	3,200 lbs	9,750 lbs

Adjustable Pipe Brace - HD Long (SBUP5)					
D	V	X	L	Ultimate Brace Load* w/o Knee Bracing	Ultimate Brace Load* with Knee Bracing**
27'-0"	18'-0"	13'-6"	22'-6"	8,063 lbs	9,750 lbs
28'-0"	18'-8"	14'-0"	23'-4"	7,988 lbs	9,750 lbs
29'-0"	19'-4"	14'-6"	24'-2"	7,200 lbs	9,750 lbs
30'-0"	20'-0"	15'-0"	25'-0"	6,375 lbs	9,750 lbs
31'-0"	20'-8"	15'-6"	25'-10"	5,175 lbs	9,750 lbs
32'-0"	21'-4"	16'-0"	26'-8"	4,375 lbs	9,750 lbs
33'-0"	22'-0"	16'-6"	27'-6"	3,833 lbs	9,750 lbs
34'-0"	22'-8"	17'-0"	28'-4"	3,150 lbs	9,750 lbs
35'-0"	23'-4"	17'-6"	29'-2"	2,625 lbs	9,750 lbs
36'-0"	24'-0"	18'-0"	30'-0"	2,400 lbs	9,750 lbs
37'-0"	24'-8"	18'-6"	30'-10"	2,025 lbs	9,750 lbs
38'-0"	25'-4"	19'-0"	31'-8"	Not recommended	9,450 lbs
39'-0"	26'-0"	19'-6"	32'-6"	Not recommended	9,000 lbs
40'-0"	26'-8"	20'-0"	33'-4"	Not recommended	8,400 lbs
41'-0"	27'-4"	20'-6"	34'-2"	Not recommended	7,800 lbs
42'-0"	28'-0"	21'-0"	35'-0"	Not recommended	7,500 lbs
43'-0"	28'-8"	21'-6"	35'-10"	Not recommended	6,975 lbs
44'-0"	29'-4"	22'-0"	36'-8"	Not recommended	6,487 lbs
45'-0"	30'-0"	22'-6"	37'-6"	Not recommended	6,263 lbs
46'-0"	30'-8"	23'-0"	38'-4"	Not recommended	5,050 lbs
47'-0"	31'-4"	23'-6"	39'-0"	Not recommended	5,663 lbs

Fixed Pipe Brace					
Part No.	D***	V***	X***	L	Ultimate Brace Load* w/o Knee Bracing
SBUP8	27'-2" to 28'-9"	18'-1" to 19'-2"	12'-8" to 11'-1"	22'-2"	9,750 lbs
SBUP9	33'-5" to 35'-4"	22'-3" to 23'-7"	15'-7" to 13'-7"	27'-3"	7,200 lbs
SBUP10	39'-7" to 41'-10"	26'-5" to 27'-11"	18'-6" to 16'-1"	32'-3"	5,400 lbs
SBUP11	40'-6" to 42'-10"	27'-0" to 28'-7"	18'-11" to 16'-6"	33'-0"	15,250 lbs
SBUP14	51'-2" to 53'-10"	34'-1" to 35'-11"	23'-10" to 20'-9"	41'-8"	8,040 lbs
SBUP15	63'-5" to 66'-10"	42'-3" to 44'-7"	29'-7" to 25'-9"	51'-8"	5,775 lbs
SBUP17	52'-2" to 55'-2"	34'-0" to 36'-9"	24'-4" to 21'-3"	42'-6"	15,250 lbs
SBUP18	64'-6" to 68'-2"	43'-1" to 45'-5"	30'-1" to 26'-3"	52'-6"	15,250 lbs
SBUP19	76'-9" to 81'-2"	51'-2" to 54'-1"	35'-10" to 31'-3"	62'-6"	15,250 lbs

* Ultimate Brace Load based on test reports and calculations.

** Knee bracing requires knee, lateral and end bracing to obtain the loads indicated.

*** Range for 55-60 degree angle.

Note: Pipe Braces should always be inspected for unusual wear or damage after each use. Any Pipe Brace with missing parts, dents or kinks, indications of heating or other damage, should not be used until repaired.

Bar Support – Wire slab bolsters and high chairs, with optional epoxy-coat, plastic-dip, plastic-tip or plate, to meet almost any slab requirement.

Bridge Deck – Overhang brackets and hangers provide an efficient deck forming solution for precast concrete or steel I-beam bridge structures.

Coil Ties – 2-Strut and 4-Strut designs, in standard and heavy-duty capacities, with optional cones, waterseals or custom combination, for job-built forming.

Dowels – Plates, sleeves, baskets and joint nosings for high-performance concrete floors.

Euro Rod – 15mm and 20mm taper ties, she-bolts, inner ties, washers and wing nuts compatible with European-brand forming systems.

Metal Rib – Leave-in-place, expanded galvanized mesh to form footings, bulkheads, grade beams, pier caps and blindside walls.

Pipe Braces – Contractor-preferred braces, with rated capacities and lengths ranging from 7'6" to 62'6", for almost any forming application.

Precast – Inserts, anchors, connectors and lifting systems for efficient precast concrete production.

Self-Riser – Integrated hydraulic system for multi-story building cores that virtually eliminates crane time.

Shoring – A conventional 12K load/leg system, with base plates, cross braces, screw jacks and U-heads, for productive deck support.

Snap Ties – Ties and brackets, with $\frac{3}{4}$ " plywood and 2x4 lumber, create a simple and effective plywood forming system.

Staybox – A pre-engineered and pre-assembled rebar keyway that simplifies forming at wall and deck intersections.

Stud Rail – A reinforced column-to-deck connection that reduces shearing, transfers load further into the slab and eliminates column capitals.

SureCurve™ RC – Concrete tanks and curved walls quickly take shape with this flexible gangform system.

SurePly™ – An industry-recognized handset system, with more than 80 standard panel and filler sizes, for almost any forming application.

Tilt-Up – A start-to-finish system of lifting inserts, plates and hardware for tilt-up panel construction.

Walers – Double channel walers align panels, carry taper tie loads and maximize the surface area of almost any gang.

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