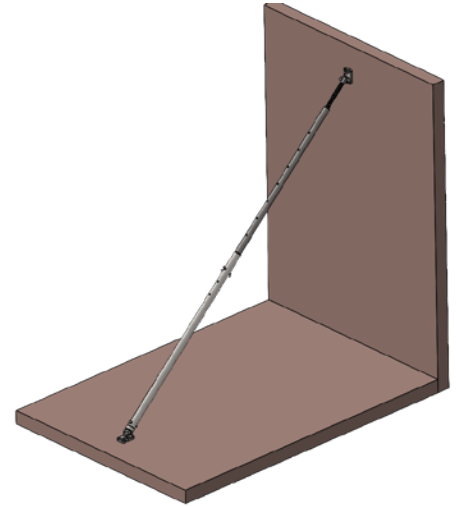


ADJUSTABLE WALL BRACE

FORMING

Adjustable Wall Braces available in lengths from 8'-2" to 39'-0" are designed for formwork, precast, and tilt-up bracing applications. Braces have foot plates at either end and a threaded rod on one end for fine tune adjustment to height.

Part No.	Description	Extension Length		Weight
		Min	Max	
FWTUD1	Formwork Tilt Up Brace 8'-2" to 14'	8'-2" 2.49 m	14'-0" 4.27 m	93 lb 42.28 kg
FWTUD4	Formwork Tilt Up Brace 13'-6" to 23'-4"	13'-6" 4.11 m	23'-4" 7.11 m	145.7 lb 66.23 kg
FWTUD5	Formwork Tilt Up Brace 22'-4" to 39'	22'-4" 6.81 m	39'-0" 11.89 m	224.42 lb 102.01 kg



FWTUD1, FWTUD4 and FWTUD5 have an ultimate tension capacity of 9,750 lb / 43.37 kN
Use range for braces is based on a 45 – 60 degree angle shown in graphic on page 10.

FWTUD1

D	V	X	L	Ultimate Load
				Without Knee Brace
10'-7"	7'-1"	4'-1"	8'-2"	9,750 lb / 43.37 kN
11'-8"	7'-10"	4'-6"	9'-0"	9,750 lb / 43.37 kN
14'-3"	9'-6"	5'-6"	11'-0"	9,750 lb / 43.37 kN
15'-7"	10'-5"	6'-0"	12'-0"	8,175 lb / 36.36 kN
18'-2"	12'-1"	7'-0"	14'-0"	6,600 lb / 29.35 kN

FWTUD4

D	V	X	L	Ultimate Load	
				Without Knee Brace	With Knee Brace
17'-6"	11'-8"	6'-9"	13'-6"	9750 lb / 43.37 kN	9750lb / 43.37 kN
19'-6"	13'-0"	7'-6"	15'-0"	9750 lb / 43.37 kN	9750lb / 43.37 kN
20'-7"	13'-9"	7'-11"	15'-10"	9750 lb / 43.37 kN	9750lb / 43.37 kN
21'-8"	14'-5"	8'-4"	16'-8"	9750 lb / 43.37 kN	9750lb / 43.37 kN
22'-9"	15'-2"	8'-9"	17'-6"	8800 lb / 39.14 kN	9750lb / 43.37 kN
23'-10"	15'-10"	9'-2"	18'-4"	7200 lb / 32.02 kN	9750lb / 43.37 kN
24'-11"	16'-7"	9'-7"	19'-2"	5888 lb / 26.19 kN	9750lb / 43.37 kN
26'-0"	17'-4"	10'-0"	20'-0"	5363 lb / 23.85 kN	9750lb / 43.37 kN
27'-1"	18'-0"	10'-5"	20'-10"	4464 lb / 19.85 kN	9750lb / 43.37 kN
28'-2"	18'-9"	10'-10"	21'-8"	3750 lb / 16.68 kN	9750lb / 43.37 kN
29'-3"	19'-6"	11'-3"	22'-6"	3412 lb / 15.17 kN	9750lb / 43.37 kN
30'-4"	20'-2"	11'-8"	23'-4"	3200 lb / 14.23 kN	9750lb / 43.37 kN

ADJUSTABLE WALL BRACE LOAD CAPACITIES CONT.

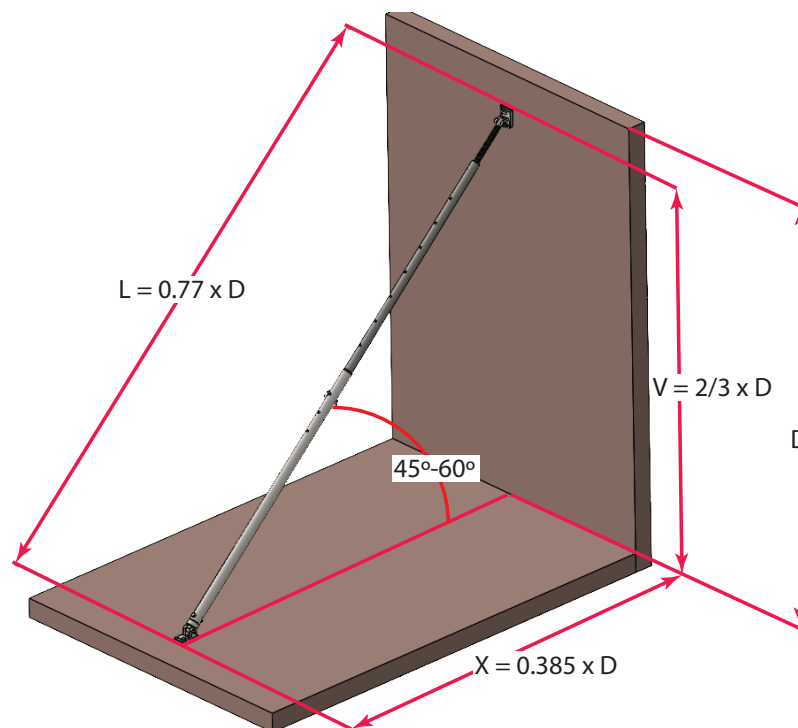
FORMING

FWTUD5

D	V	X	L	Ultimate Load	
				Without Knee Brace	With Knee Brace
30'-4"	20'-2"	11'-8"	23'-4"	7988 lb / 35.53 kN	9750 lb / 43.37 kN
31'-5"	20'-11"	12'-1"	24'-2"	7200 lb / 32.02 kN	9750 lb / 43.37 kN
32'-6"	21'-8"	12'-6"	25'-0"	6375 lb / 28.35 kN	9750 lb / 43.37 kN
33'-7"	22'-4"	12'-11"	25'-10"	5175 lb / 23.02 kN	9750 lb / 43.37 kN
34'-8"	23'-1"	13'-4"	26'-8"	4375 lb / 19.46 kN	9750 lb / 43.37 kN
35'-9"	23'-10"	13'-9"	27'-6"	3833 lb / 17.05 kN	9750 lb / 43.37 kN
36'-10"	24'-6"	14'-2"	28'-4"	3150 lb / 14.01 kN	9750 lb / 43.37 kN
37'-11"	25'-3"	14'-7"	29'-2"	2625 lb / 11.67 kN	9750 lb / 43.37 kN
39'-0"	26'-0"	15'-0"	30'-0"	2400 lb / 10.68 kN	9750 lb / 43.37 kN
40'-1"	26'-8"	15'-5"	30'-10"	2025 lb / 9.00 kN	9750 lb / 43.37 kN
41'-2"	27'-5"	15'-10"	31'-8"	Not Recommended	9450 lb / 42.03 kN
42'-2"	28'-2"	16'-3"	32'-6"	Not Recommended	9000 lb / 40.03 kN
43'-3"	28'-10"	16'-8"	33'-4"	Not Recommended	8400 lb / 37.36 kN
44'-4"	29'-7"	17'-1"	34'-2"	Not Recommended	7800 lb / 34.69 kN
45'-5"	30'-4"	17'-6"	35'-0"	Not Recommended	7500 lb / 33.36 kN
46'-6"	31'-0"	17'-11"	35'-10"	Not Recommended	6975 lb / 31.02 kN
47'-7"	31'-9"	18'-4"	36'-8"	Not Recommended	6487 lb / 28.85 kN
48'-8"	32'-6"	18'-9"	37'-6"	Not Recommended	6263 lb / 27.86 kN
49'-9"	33'-2"	19'-2"	38'-4"	Not Recommended	5050 lb / 22.46 kN
50'-8"	33'-9"	19'-6"	39'-0"	Not Recommended	5663 lb / 25.19 kN

FWTUD1, FWTUD4 and FWTUD5 have an ultimate tension capacity of 9,750 lb / 43.37 kN.

Use range for braces is based on a 45 – 60 degree angle shown in graphic below.



3' TO 5' ADJUSTABLE PIPE BRACE

FORMING

Adjustable Pipe Braces used to secure cast in place formwork.

ADDITIONAL INFORMATION

- Load rating based on a 2:1 safety factor

Part No.	Description	Extension Length		Load Capacity		Weight
		Min	Max	Min	Max	
FWPB0305	3' to 5' Adjustable Pipe Braces	3.0' 0.91 m	5.0' 1.52 m	12,500 lb 55.6 kN	10,500 lb 46.7 kN	16.28 lb 7.4 kg

ADJUSTABLE PIPE BRACE

FORMING

Adjustable Pipe Braces used to secure cast in place formwork.

ADDITIONAL INFORMATION

- Load rating based on a 2:1 safety factor

Part No.	Description	Extension Length		Load Capacity		Weight
		Min	Max	Min	Max	
FWPB0509	5' to 9' Adjustable Pipe Braces	5'-3" 1.60 m	8'-10" 2.69 m	11,500 lb 51.2 kN	4,250 lb 18.9 kN	36.74 lb 16.7 kg
FWPB1019	10' to 19' Adjustable Pipe Braces	10'-10" 3.30 m	19'-4" 5.89 m	2,550 lb 11.3 kN	1,125 lb 5.0 kN	67.76 lb 30.8 kg

