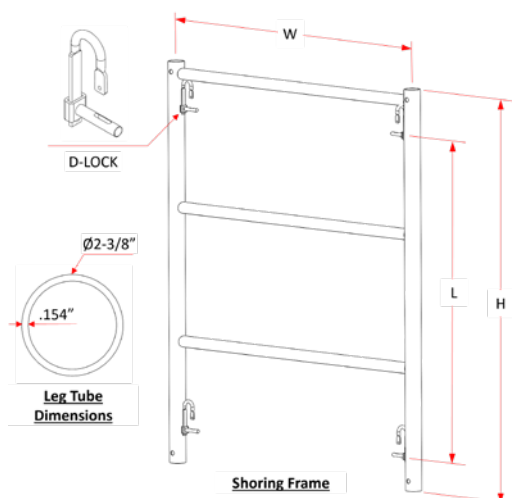


10K HIGH-LOAD FRAME SHORING SYSTEM

The High-Load Shoring Frame System is a reliable and strong system used to provide temporary support of fresh concrete, reinforcing steel, formwork and lives loads imposed during construction. This system uses our Steel Shoring Frames and compatible accessories.

ADDITIONAL INFORMATION

- Total safe working load of a steel shoring tower should be determined by the frame leg capacity and by a qualified structural engineer. Tier refers to the number of frames connected vertically in a tower
- DSS recommends abiding to the 4:1 width to height ratio when determining the requirement of lateral bracing for the shoring towers. If no lateral bracing is possible, consult with a qualified structural engineer
- When possible, lateral bracing should be tied to permanent structures such as walls or columns
- Lateral bracing members shall not be connected to the frames' horizontal members.
- Lateral bracing shall be fixed as close as possible to the joint between two frames
- The system is compatible with DSS Angle Iron Cross Braces and Tubular Braces. Contact your DSS sales representatives for available sizes and other specs



SAFE WORKING LOAD CHART

10K HIGH-LOAD FRAME SHORING SYSTEM

Use the below for the allowable bearing capacity for the 10K High-Load Shoring System.

ADDITIONAL INFORMATION

- Tier refers to the number of frames connected vertically
- Screw leg extension is the total extension of the screws extended equally top and bottom
- Load rating based on a 2.5:1 safety factor
- Consult with an engineer trained in shoring design for any shoring tower over 50' in height

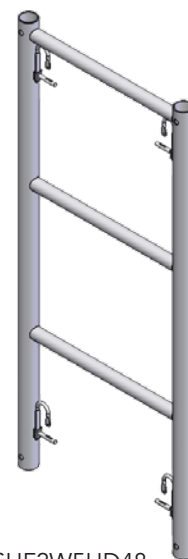
Number of Tiers	Max Safe Working Load per Leg			
	12" Screw Leg Extension	24" Screw Leg Extension	36" Screw Leg Extension	48" Screw Leg Extension
1	14,400 lb 64.05 kN	12,400 lb 55.16 kN	10,000 lb 44.48 kN	8,500 lb 43.29 kN
2	13,200 lb 58.72 kN	11,100 lb 49.38 kN	9,000 lb 40.03 kN	8,400 lb 38.37 kN
3	11,600 lb 51.60 kN	10,800 lb 40.04 kN	8,600 lb 38.25 kN	8,200 lb 36.48 kN
4	10,600 lb 47.15 kN	9,500 lb 42.26 kN	8,300 lb 36.92 kN	8,000 lb 35.59 kN
5	10,200 lb 45.37 kN	9,100 lb 40.48 kN	8,000 lb 35.59 kN	7,700 lb 34.25 kN
6	10,000 lb 44.48 kN	8,700 lb 38.70 kN	7,700 lb 34.25 kN	7,400 lb 32.92 kN
7	9,900 lb 44.04 kN	8,600 lb 38.25 kN	7,300 lb 32.47 kN	7,200 lb 32.03 kN
8	9,800 lb 43.59 kN	8,500 lb 37.81 kN	7,000 lb 31.14 kN	7,000 lb 31.14 kN
9	9,700 lb 43.15 kN	8,400 lb 37.37 kN	6,750 lb 30.03 kN	6,750 lb 30.03 kN
10	9,600 lb 42.70 kN	8,300 lb 36.92 kN	6,500 lb 28.91 kN	6,500 lb 28.91 kN

2' STEEL SHORING FRAMES

10K HIGH-LOAD FRAME SHORING SYSTEM

- **Lock Style:** D-Lock
- **Tube Diameter:** 2 3/8"
- **Finish:** Powder Coated

Part No.	Desc	Extension Length			Weight
		Width	Height	Lock Spacing	
SHF2W2HD12	2' x 2'	2' 609.6 mm	2' 609.6 mm	12" 304.8 mm	21.8 lb 9.89 kg
SHF2W3HD24	2' x 3'	2' 609.6 mm	3' 914.4 mm	24" 609.6 mm	29.1 lb 13.19 kg
SHF2W4HD36	2' x 4'	2' 609.6 mm	4' 1,219.2 mm	36" 914.4 mm	39.2 lb 17.76 kg
SHF2W5HD48	2' x 5'	2' 609.6 mm	5' 1,524.0 mm	48" 1,219.2 mm	46.4 lb 21.06 kg
SHF2W6HD48	2' x 6'	2' 609.6 mm	6' 1,828.8 mm	48" 1,219.2 mm	56.5 lb 25.63 kg

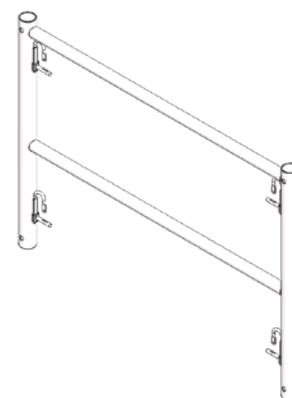


SHF2W5HD48

4' STEEL SHORING FRAMES

10K HIGH-LOAD FRAME SHORING SYSTEM

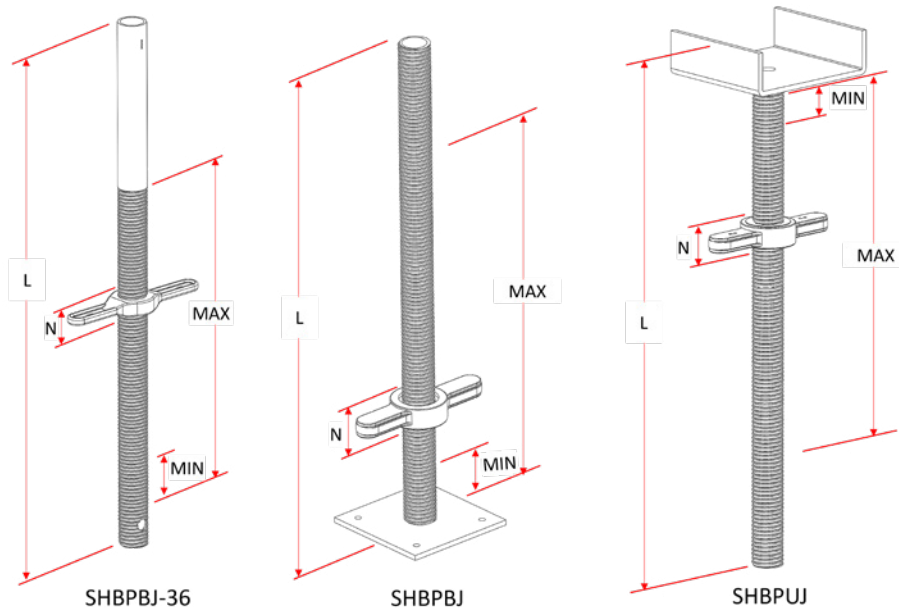
Part No.	Desc	Extension Length			Weight
		Width	Height	Lock Spacing	
SHF4W2HD12	4' x 2'	4' 1,219.2 mm	2' 609.6 mm	12" 304.8 mm	28.0 lb 12.70 kg
SHF4W3HD24	4' x 3'	4' 1,219.2 mm	3' 914.4 mm	24" 609.6 mm	35.3 lb 16.00 kg
SHF4W4HD36	4' x 4'	4' 1,219.2 mm	4' 1,219.2 mm	36" 914.4 mm	48.4 lb 21.96 kg
SHF4W5HD48	4' x 5'	4' 1,219.2 mm	5' 1,524.0 mm	48" 1,219.2 mm	55.7 lb 25.26 kg
SHF4W6HD48	4' x 6'	4' 1,219.2 mm	6' 1,828.8 mm	48" 1,219.2 mm	68.9 lb 31.24 kg



SHF4W2HD12

SCREW JACKS

10K HIGH-LOAD FRAME SHORING SYSTEM

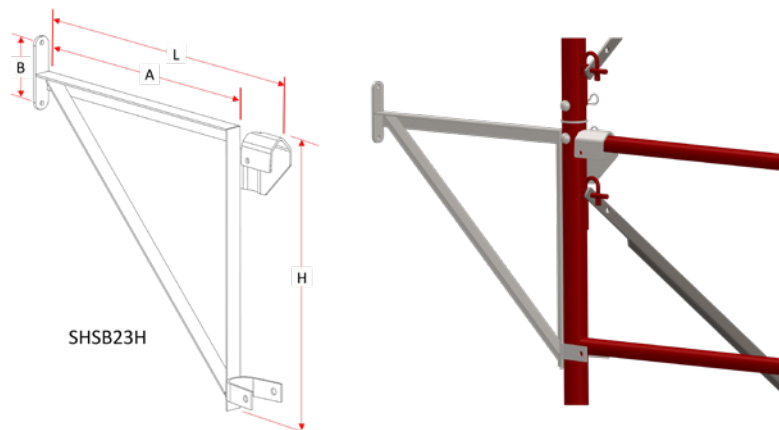


Allowable bearing capacity of Screw Jacks given by the total system allowable bearing capacity.

Part No.	Description	Length	Max Extension	Weight
SHBPBJ36	36" Screw Jack	36.0" 914.4 mm	21.58" 548.2 mm	11.1 lb 5.03 kg
SHBPBJ	Screw Jack with Base Plate	31.02" 788.0 mm	20.71" 526 mm	13.45 lb 6.1 kg
SHBPUJ	Screw Jack with U-Head	33.47" 850.0 mm	20.71" 526.0 mm	18.52 lb 8.4 kg

SIDE BRACKETS

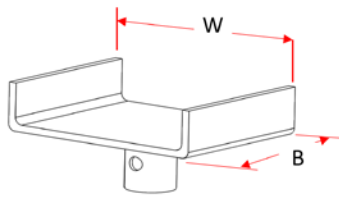
10K HIGH-LOAD FRAME SHORING SYSTEM



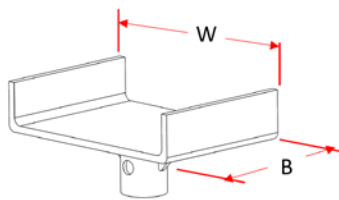
Part No.	Description	Dimensions				UDL	Weight
		L	H	A	B		
SHSB23H	23" Wide Hanging Side Bracket for Shoring Frames	29.50" 749.3 mm	23.25" 590.6 mm	23.10" 586.7 mm	23.10" 586.7 mm	310 lb 140.6 kg	12.60 lb 5.72 kg

STEEL HEADS & BASE PLATES

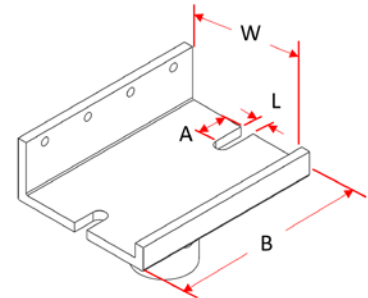
10K HIGH-LOAD FRAME SHORING SYSTEM



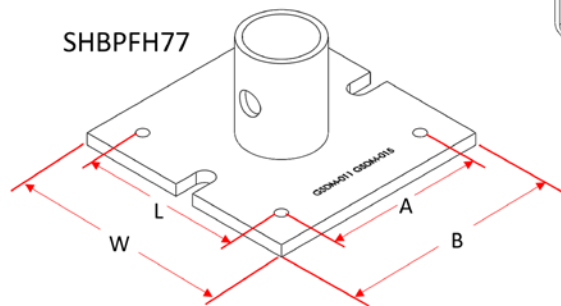
SHBPUH89



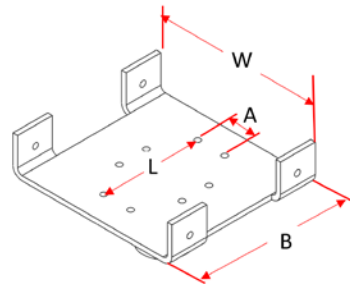
SHBPUH810



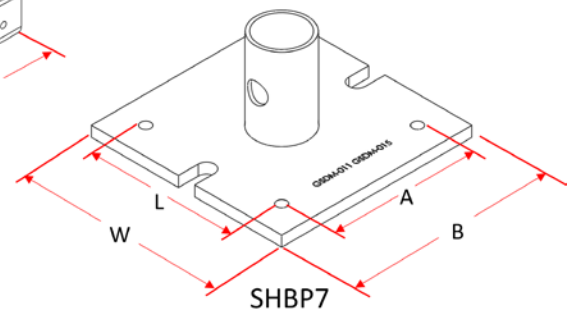
SHBPJH86



SHBPFH77



SHUHTW88

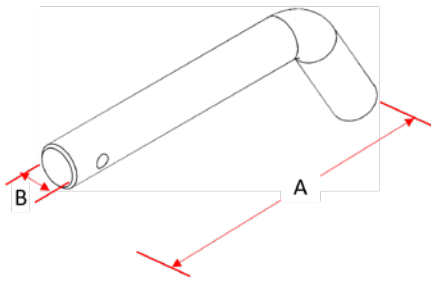


SHBP7

Part No.	Description	Dimensions				Weight
		W	A	B	L	
SHBPJH86	8"x5" Shoring J-Head (for Screw Jack)	5.25" 133.4 mm	8.0" 203.2 mm	1.34" 34.15 mm	0.60" 15.2 mm	8.90 lb 4.04 kg
SHUHTW88	8"x8" U-Head (for Screw Jack)	8.88" 225.4 mm	8.0" 203.2 mm	1.50" 3.81 mm	5.25" 133.4 mm	6.81 lb 3.09 kg
SHBPUH89	8"x9" Shoring U-Head (for Screw Jack)	9.75" 247.7 mm	-	8.0" 203.2 mm	-	12.60 lb 5.72 kg
SHBPUH810	8"x10" U-Head (for Screw Jack)	10.75" 273.0 mm	-	8.0" 203.2 mm	-	14.72 lb 6.68 kg
SHBPFH77	7"x7" Shoring Base Plate (for Screw Jack)	7.0" 177.8 mm	7.0" 177.8 mm	5.0" 127.0 mm	5.0" 127.0 mm	6.0 lb 2.72 kg
SHBP7	7"x7" Shoring Base Plate (for Frame)	7.0" 177.8 mm	7.0" 177.8 mm	5.0" 127.0 mm	5.0" 127.0 mm	5.62 lb 2.55 kg

ACCESSORIES & PINS

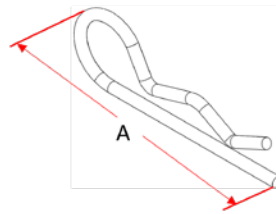
10K HIGH-LOAD FRAME SHORING SYSTEM



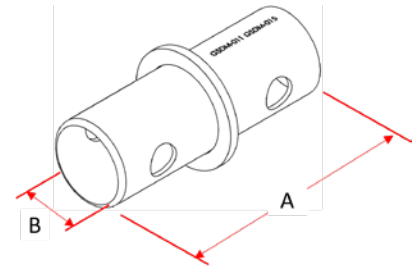
SHPNJP4



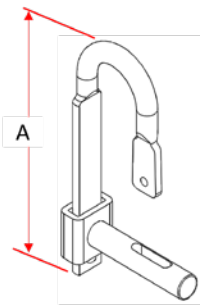
SHPNR



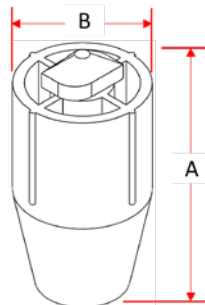
SHPNH



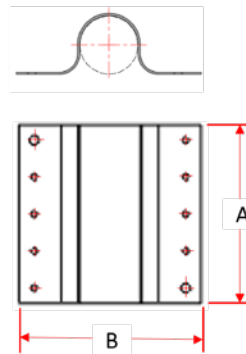
SHPNCPEP



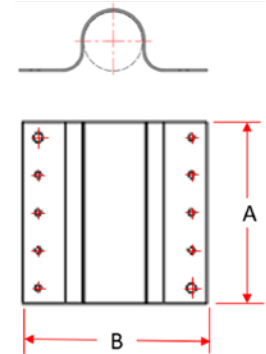
LKDF



SHPCIBN



SHPSNP48



SHPSNP60

Part No.	Description	Dimensions		Weight
		A	B	
SHPNJP4	4" J Pin	5.59" 142.0 mm	-	0.42 lb 0.19 kg
LKDF	D-Lock 2 Piece Stud & Cane	4.16" 106.0 mm	-	0.3 lb 0.14 kg
SHPNH	Cotter Pin	3.31" 84.0 mm	-	0.04 lb 0.02 kg
SHPNR	Drilling Rivet - 3" x 5/8"	3.5" 89.0 mm	0.63" 15.9 mm	0.35 lb 0.16 kg
SHPNCPEP	Coupling Pin	5.5" 140.0 mm	1.9" 48.3 mm	1.54 lb 0.70 kg
SHPCIBN	Beam to Post Shore Positioner	2.94" 74.6 mm	1.55" 39.4 mm	2.50 lb 1.13 kg
SHPSNP48	Nail Plate for 1.88" / 48mm OD Shoring Posts	5.98" 152.0 mm	6.10" 155 mm	1.10 lb 0.50 kg
SHPSNP60	Nail Plate for 2.36 in / 60mm OD Shoring Posts	5.98" 152.0 mm	6.10" 155.0 mm	1.15 lb 0.52 kg

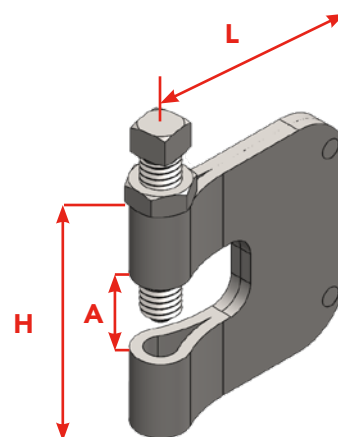
SHORING MINI C-CLAMP

10K HIGH-LOAD FRAME SHORING SYSTEM

Used for fastening beams to other accessories in shoring applications.

ADDITIONAL INFORMATION

- Not load bearing, use for alignment purposes only
- Can be used in both steel and aluminum frame systems as well as post shores
- **Material:** Steel



Part No.	Description	Dimensions			Weight
		A	L	H	
SHCMPMC	Shoring Mini C-Clamp	0.79" 20.0 mm	2.16" 55.0 mm	2.36" 60.0 mm	0.4 lb 0.18 kg

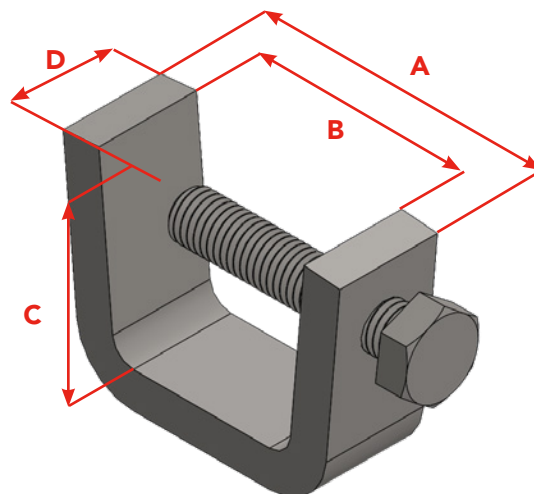
STEEL BEAM C CLAMP

10K HIGH-LOAD FRAME SHORING SYSTEM

Steel Beam Clamp used for fastening beams to other accessories in shoring applications.

ADDITIONAL INFORMATION

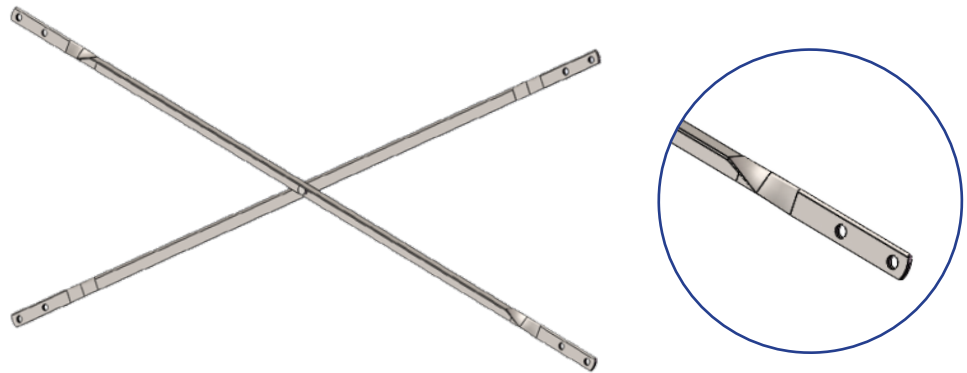
- Not load bearing, use for alignment purposes only
- Can be used in both steel and aluminum frame systems as well as post shores
- Includes Structural Grade M12x60mm bolt
- **Material:** Steel
- **Finish:** Hot Dipped Galvanized



Part No.	Description	Dimensions				Weight
		A	B	C	D	
FWSBC	Steel Beam C Clamp	2.87" 73.0 mm	2.13" 54.1 mm	1.82" 46.3 mm	1.00" 25.4 mm	0.616 lb 0.28 kg

DOUBLE HOLE ANGLE IRON CROSS BRACES

10K HIGH-LOAD FRAME SHORING SYSTEM



Contact a DSS sales specialist for more brace sizes not listed. Available in multiple finishes.

Part No.	Dimensions					Weight
	A Frame Bay	B Lock Spacing	C Lock Spacing	D Hole to Hole	E Hole to Hole	
BRA033648HD	36" 914.4 mm	36" 914.4 mm	48" 1219.2 mm	50.91" 1293.2 mm	60" 1524 mm	9.1 lb 4.13 kg
BRA041224HD	48" 1219.2 mm	12" 304.8 mm	24" 609.6 mm	49.48" 1256.7 mm	53.67" 1363.1 mm	9.19 lb 4.17 kg
BRA042436HD	48" 1219.2 mm	24" 609.6 mm	36" 914.4 mm	53.67" 1363.1 mm	60" 1524 mm	9.87 lb 4.48 kg
BRA042436HD	48" 1219.2 mm	36" 914.4 mm	48" 1219.2 mm	60" 1524 mm	67.88" 1724.2 mm	10.89 lb 4.94 kg
BRA051224HD	60" 1524 mm	12" 304.8 mm	24" 609.6 mm	61.19" 1554.2 mm	64.62" 1641.4 mm	11.06 lb 5.02 kg
BRA052436HD	60" 1524 mm	24" 609.6 mm	36" 914.4 mm	64.62" 1641.4 mm	69.97" 1777.3 mm	11.61 lb .27 kg
BRA053648HD	60" 1524 mm	36" 914.4 mm	48" 1219.2 mm	69.97" 1777.3 mm	76.84" 1951.7 mm	12.47 lb 5.66 kg
BRA062436HD	72" 1828.8 mm	24" 609.6 mm	36" 914.4 mm	75.9" 1927.7 mm	80.5" 2044.7 mm	13.42 lb 6.09 kg
BRA063648HD	72" 1828.8 mm	36" 914.4 mm	48" 1219.2 mm	80.5" 2044.7 mm	86.53" 2197.9 mm	14.15 lb 6.42 kg
BRA071224HD	84" 2133.6 mm	12" 304.8 mm	24" 609.6 mm	84.85" 2155.2 mm	87.36" 2218.9 mm	15.25 lb 6.74 kg
BRA072436HD	84" 2133.6 mm	24" 609.6 mm	36" 914.4 mm	87.36" 2219 mm	91.39" 2321.3 mm	14.85 lb 6.92 kg
BRA073648HD	84" 2133.6 mm	36" 914.4 mm	48" 1219.2 mm	91.38" 2320.9 mm	96.75" 2457.5 mm	15.89 lb 7.21 kg
BRA082436HD	96" 2438.4 mm	24" 609.6 mm	36" 914.4 mm	98.96" 2513.5 mm	102.53" 2604.2 mm	17.1 lb 7.76 kg
BRA083648HD	96" 2438.4 mm	36" 914.4 mm	48" 1219.2 mm	102.53" 2604.2 mm	107.33" 2726.2 mm	17.68 lb 8.02 kg
BRA103648HD	120" 3048 mm	36" 914.4 mm	48" 1219.2 mm	125.31" 3183 mm	129.25" 3283 mm	21.31 lb 9.67 kg