

The Burke Lift

The Complete 10-ton Lifting System

Eliminates 4, 6 and 8-ton Lifting Anchors

One Style of Face Lift Anchor, Eight Heights

One Style, and one Length of Edge Lift Anchor

One Void Former and Shear Bar for All Anchors

One Ring Clutch for Face and Edge Lifting

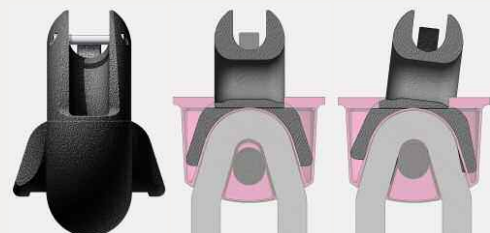
One Ring Clutch, One Void Former, One Anchor

After more than three years of development and testing by Burke Engineering, the Burke Lift system is changing face and edge lifting. This unique overall design may just be the most innovative lifting product in more than 30 years. The cutting edge system greatly simplifies engineering, inventory requirements, lifting, and it completely eliminates clutch changeover and the spalling of surrounding concrete.

The Lifting Innovation

- *One ring clutch*
- *One void former for all anchors*
- *One edge lift erection anchor*
- *One style of face lift anchor, available in eight heights*

Our patented clutch redirects the shear force distribution opposite of existing lifting systems.



Among the Burke Lift's features is a one-clutch system, which allows for the elimination of switching between 4/5-ton and 8/10-ton clutches. The patent pending clutch design forces the clutch to bear into the Burke Lift Anchor rather than the concrete. The Burke Lift Clutch is rated at a SWL of 10T including a 5:1 safety factor. It is equipped with one style face lift anchor in eight heights for panel thickness from 5" to 12" allowing for a shear safe working load in thinner panels. Burke Lift functions in thin panels of 5" for face lift anchors as well as edge lift anchors.

* Burke Lift Clutch is rated at a SWL of 10-tons with a 5:1 safety factor.

The Burke Lift Advantage

- Burke Lift simplifies traditional 4, 5, 8 and 10-ton applications. It also provides greater capacity than the 6-ton forged anchor
- The system is designed for face and edge lifts, and maintains a 10-ton mechanical strength in ALL applications
- The one clutch system eliminates the need to switch between 4/5 ton and 8/10 clutches
- The Burke Lift clutch bears into the anchor rather than the concrete on edge lifting
- Face lift anchors accommodate panel thickness of 5" to 12" allowing for a shear safe working load in thinner panels
- Eliminates the need for additional anchor reinforcement
- *Manufactured to Burke quality standards. Each clutch is traceable by serial number, and each anchor is traceable by batch code.*

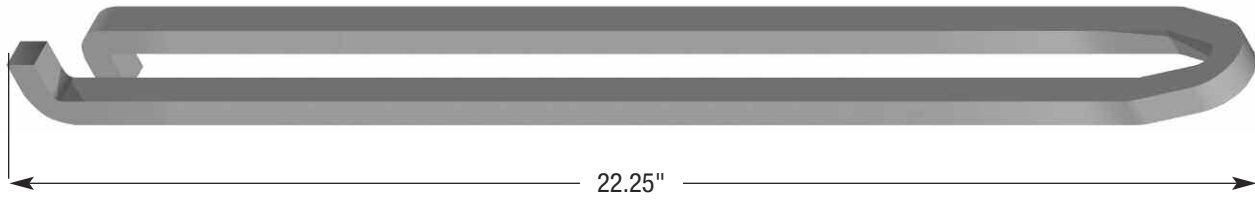
EDGE LIFT ANCHORS BURKE LIFT VS RAPID LIFT

Anchor Description	Burke Lift 10-Ton Edge Lift Anchor w/Shear Bar	Rapid Lift 4-Ton Tech Erec w/SP	Burke Lift 10-Ton Edge Lift Anchor	Rapid Lift 4-Ton Tech Erec w/SP	Burke Lift 10-Ton Edge Lift Anchor	Rapid Lift 8-Ton Tech Erec w/SP	Burke Lift 10-Ton Edge Lift Anchor w/SB	Rapid Lift 4-Ton Tech Erec w/SP
Wall Thickness	5"	5"	6"	6"	8"	8"	10"	10"
Shear Bar Height	3.5"	plate	3.5"	plate	3.5"	plate	6.5"	plate
Allowable Shear 4:1 S.F.	2,930 lbs	2,660 lbs	3,120 lbs	2,860 lbs	4,470 lbs	4,010 lbs	5,000 lbs	4,280 lbs
Allowable Edge Tension 4:1 S.F.	6,810 lbs	4,730 lbs*	9,490 lbs	5,170 lbs*	14,820 lbs	7,690 lbs*	20,000 lbs	9,580 lbs
Minimum Corner Distance	22"	22"	22"	12"	22"	18"	22"	18"
Minimum Spacing	44"	24"	44"	24"	44"	36"	44"	36"

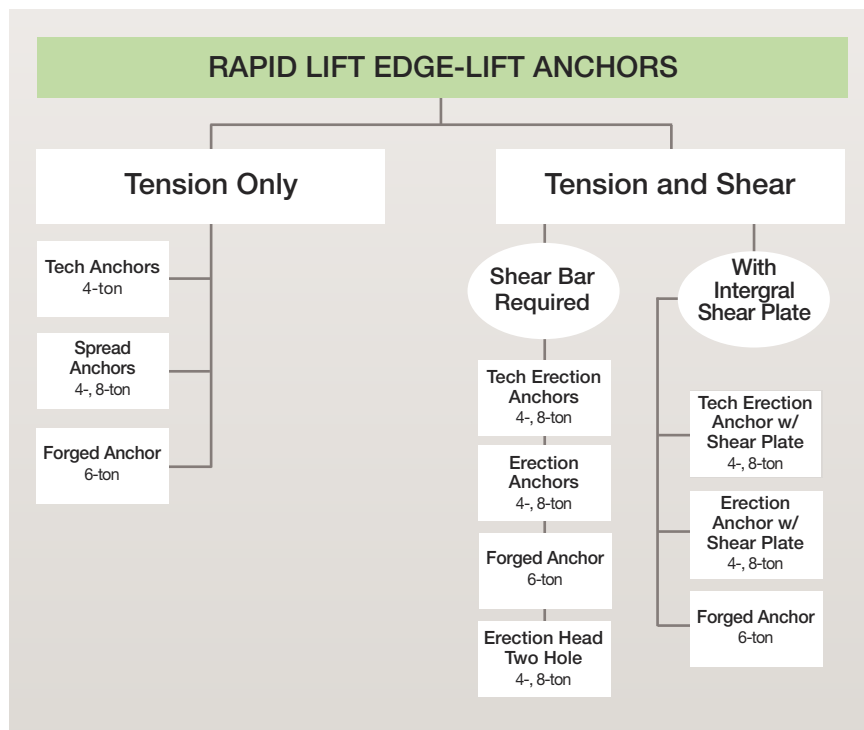
Table is based on dead load only, 150 PCF and a standard concrete compressive strength of 3,500 psi.
* Loads shown are without tension bar.

THE EDGE LIFT ADVANTAGE

One Edge Lift Anchor
for Panels 5" + Thickness



The Burke Lift System Eliminates the Anchors Below



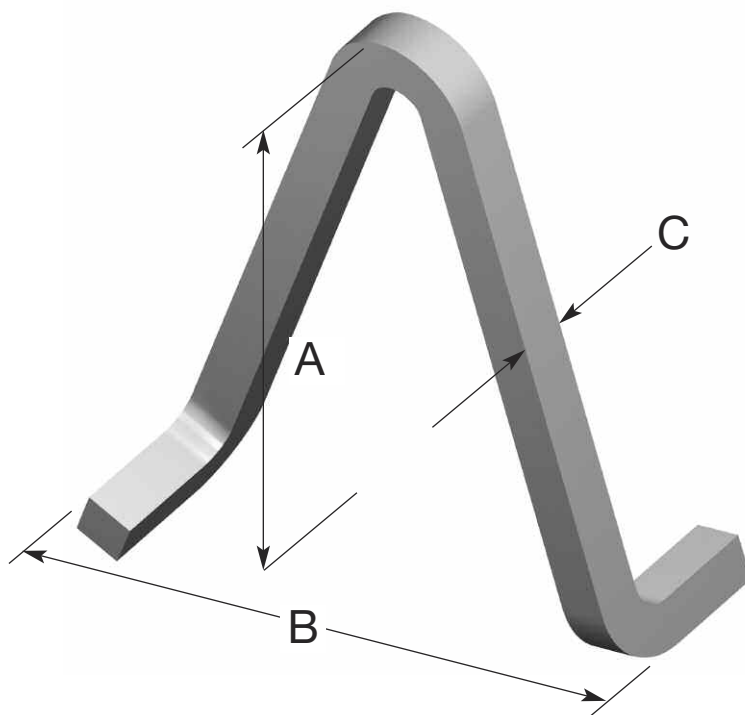
THE FACE LIFT ADVANTAGE

**One Anchor,
Eight Heights**



Item Number	Panel Thickness	Anchor Height (A)	Burke Lift Face Lift Allowable Tension Load 4:1 Safety Factor (lbs)	Rapid Lift Face Lift Allowable Tension Load 4:1 Safety Factor (lbs)	Overall Width (B)	Material Thickness (C)
MB79BL40	5"	4"	4,600	2,670 – 5,500	3.89"	0.75"
MB79BL50	6"	5"	6,000	3,590 – 8,000	4.45"	0.75"
MB79BL60	7"	6"	8,000	6,350	5.01"	0.75"
MB79BL70	8"	7"	9,250	10,000	5.57"	0.75"
MB79BL80	9"	8"	11,250	N/A	6.13"	0.75"
MB79BL90	10"	9"	13,200	N/A	6.69"	0.75"
MB79BL100	11"	10"	14,500	N/A	7.25"	0.75"
MB79BL110	12"	11"	16,000	12,000	7.81"	0.75"

Table is based on dead load only, 150 PCF and a standard concrete compressive strength of 3,500 psi.



Each clutch is traceable by serial number. Each anchor is traceable by batch code.



One Ring Clutch for Face and Edge Lifting

- Utilizes a replaceable cable bale for lifting
- Long wearing – Burke Dependability
- Patent pending design
- 100% inspected
- Each clutch is traceable by serial number



One Void Former for All Anchors

- Easy snap together design
- Uses standard holding plate
- Magnetic holding plate available



One Shear Bar

- 3/8" round steel bar
- Plain or galvanized
- One standard length
- 100% inspected
- Each anchor is traceable by batch code



One Edge Lift Anchor

- 3/4" square steel bar
- Plain or galvanized
- One standard length
- 100% inspected
- Each anchor is traceable by batch code



One Style of Face Lift Anchor, Eight Heights

- 3/4" square steel bar
- Plain or galvanized
- Available in 1/2" increments upon request
- 100% inspected
- Each anchor is traceable by batch code

Innovating Concrete Construction

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