

A Case Study for the Threaded LP9 Lift Pin and Drive Socket

PROJECT SUMMARY

Previous installation of lift pins has been a tedious and strenuous task that can take hours depending on the number of pins. The team at Meadow Burke developed a new hex head Lift Pin and Drive Socket that decreases installation time and lessens strain put on installers. The new Meadow Burke LP9 Lift Pins and Drive Socket were trialled by Oldcastle Precast in Stockton, California and after trying the new products, it became apparent the new design is much more ergonomically friendly. The new pin can accept a specially made drive socket that can be drilled in with an impact drill.



THE CHALLENGE

Prior to the development of the threaded LP9 Lift Pin and Drive Socket, lift pin installation came with its own set of challenges. A pipe wrench or sledge hammer was needed to screw or pound the lift pins in. This tedious task was not only time consuming but also put serious strain on the body.

THE SOLUTION

Bowco Industries, a division of Meadow Burke located in Canby, Oregon, developed and produced a 4-sided hex head Lift Pin with a corresponding Drive Socket to allow for easy installation. The neck is slightly elongated to allow for multiple lifting apparatuses. The LP9 Lift Pin is made with a number 9 rebar surrounded by polypropylene and can be used in wet- and dry-cast concrete.

THE RESULT

The LP9 Lift Pin with the Drive Socket will significantly reduce time and labor costs. The innovative hex head design and threaded socket embedded in the structure allows for easy and quick installation. The LP9 Lift Pin allows for approximately 2,000 pounds safe working load per pin. With a proven safe working load, the LP9 Lift Pins with the Drive Sockets are designed to ensure easy installation and safe handling of concrete products by providing a full threaded connection. *"I am very excited about the new LP9 Lift Pins from Meadow Burke. The guys love using them and we are amazed at how fast they install."* Spencer Jones, General Manager and Part Owner of Idaho Precast.

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For more information regarding the LP9 Lift Pin and Drive Socket or other Meadow Burke products, call us at 877-518-7665 or visit MeadowBurke.com

About Meadow Burke

Meadow Burke is the leading manufacturer and supplier of accessories used to connect, lift, reinforce and form within concrete construction. Our products and engineering enable safe, rapid and cost-effective construction, allowing you to deliver your projects on time and budget.



BC120095 (Threaded Socket)
MB120065 (combination unit
pin with socket unit)