

Products & Practice

DICA Slot Lock Cribbing Blocks

DICA's Slot Lock cribbing blocks are part of the ProStack® cribbing product line. They stack and lock together, giving users the ability to safely gain needed cribbing height in unlevel conditions. When used together, the combination of a DICA SafetyTech® base pad and two ProStack blocks has a 100,000 lbf (445 kN) working load limit and a maximum allowable pressure of 500 psi (3.45 MPa). Slot Lock flanges interlock with a DICA SafetyTech base pad and with each subsequent block layer when positioned in alternating directions. Each layer increases cribbing height by 5 in. (127 mm), and the surface allows room for outrigger feet measuring up to 18 x 18 in. (460 x 460 mm). Each ProStack Slot Lock block weighs less than 30 lb (13.6 kg) and features molded hand grips, making it easy for one person to carry and position blocks. TuffGrip® handles can be added as an option to facilitate carrying two blocks at once. DICA's Hi-Viz orange TuffGrip handles are waterproof and resistant to UV light, hydraulic fluids, and road chemicals.

—DICA, www.dicausa.com



Bosch Freak

The 18V Bosch Freak (GDX18V-1800C) is half impact driver, half impact wrench, delivering 1800 lbf·in. (203 N·m) of maximum torque driven by a maintenance-free brushless motor. This tool includes a 1/4 in. quick-change hex-shank holder to secure bits and a 1/2 in. square drive impact wrench for sockets, eliminating the hassle of using hex-shank adapters. The Bosch Performance Control System allows users to adjust tool speed/torque with the push of a button to match the tool to the application. The control system also protects the tool and battery from overheating and overload conditions. The Freak features a soft slim-grip handle and nonslip housing for secure handling, as well as an LED light system. It also has Bluetooth® connectivity, which allows the tool to connect to the free Bosch Toolbox App.



—Bosch Tools, www.boschtools.com

Makita 18V LXT Lithium-Ion Cordless Rebar Cutter XCS04

The 18V LXT® Lithium-Ion Cordless Rebar Cutter (XCS04) provides spark-free cutting of reinforcing bars and steel rods. Features of the XCS04 include an adjustable stopper that holds the bar or rod at 90 degrees to the cutting blade, assisting with cutting stability. The cutting head rotates a full 360 degrees for different cutting positions. The tool's brushless motor runs cooler and more efficiently than motors with carbon brushes, ensuring a long service life. Other features include a built-in LED to illuminate the work area and an ergonomic, rubberized pistol-grip handle to minimize worker fatigue. The XCS04 has a maximum cutting capacity of up to No. 5 (5/8 in.) reinforcing bars and cuts a No. 5 reinforcing bar in 2.8 seconds. Users can get up to 233 cuts of No. 5 reinforcing bars with the XCS04Z and one 18V LXT 5.0 Ah battery.

—Makita U.S.A., Inc., www.makitatools.com

Cortec MCI-2020 Gel

MCI®-2020 Gel features Cortec's Migrating Corrosion Inhibitor™ (MCI) and is designed to work when proper surface preparation for mitigating corrosion of embedded reinforcing bars cannot be achieved. MCI-2020 Gel is an injectable corrosion inhibitor that provides a dose of corrosion protection to the depth of reinforcement. Once inside the concrete, the inhibitor can move laterally through the concrete along the embedded reinforcement via liquid and vapor diffusion. MCI molecules deposit across metal surfaces, forming a molecular layer that acts as a barrier to corrosive elements such as chlorides and carbonation. MCI-2020 Gel is considered a mixed inhibitor that protects against corrosion at both the anodic and cathodic areas of a corrosion cell. It does not contain secondary amines or nitrites, which together can form carcinogenic nitrosamines. MCI-2020 Gel is also nonflammable and noncombustible.

—Cortec Corporation, www.cortecvci.com

