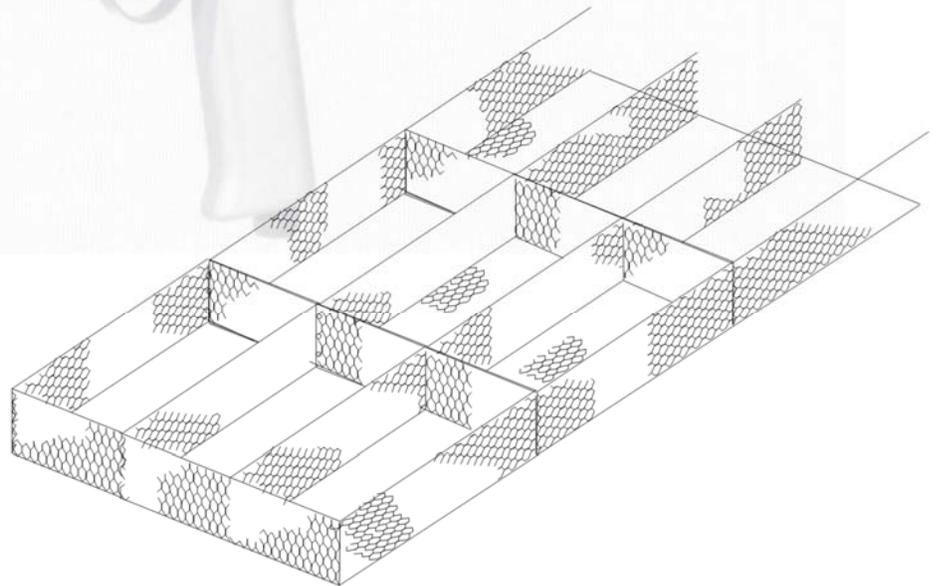
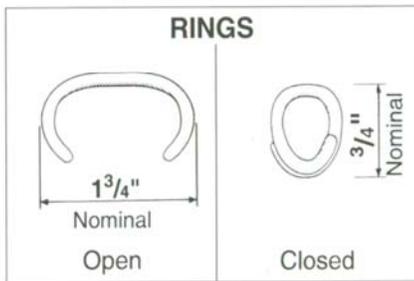
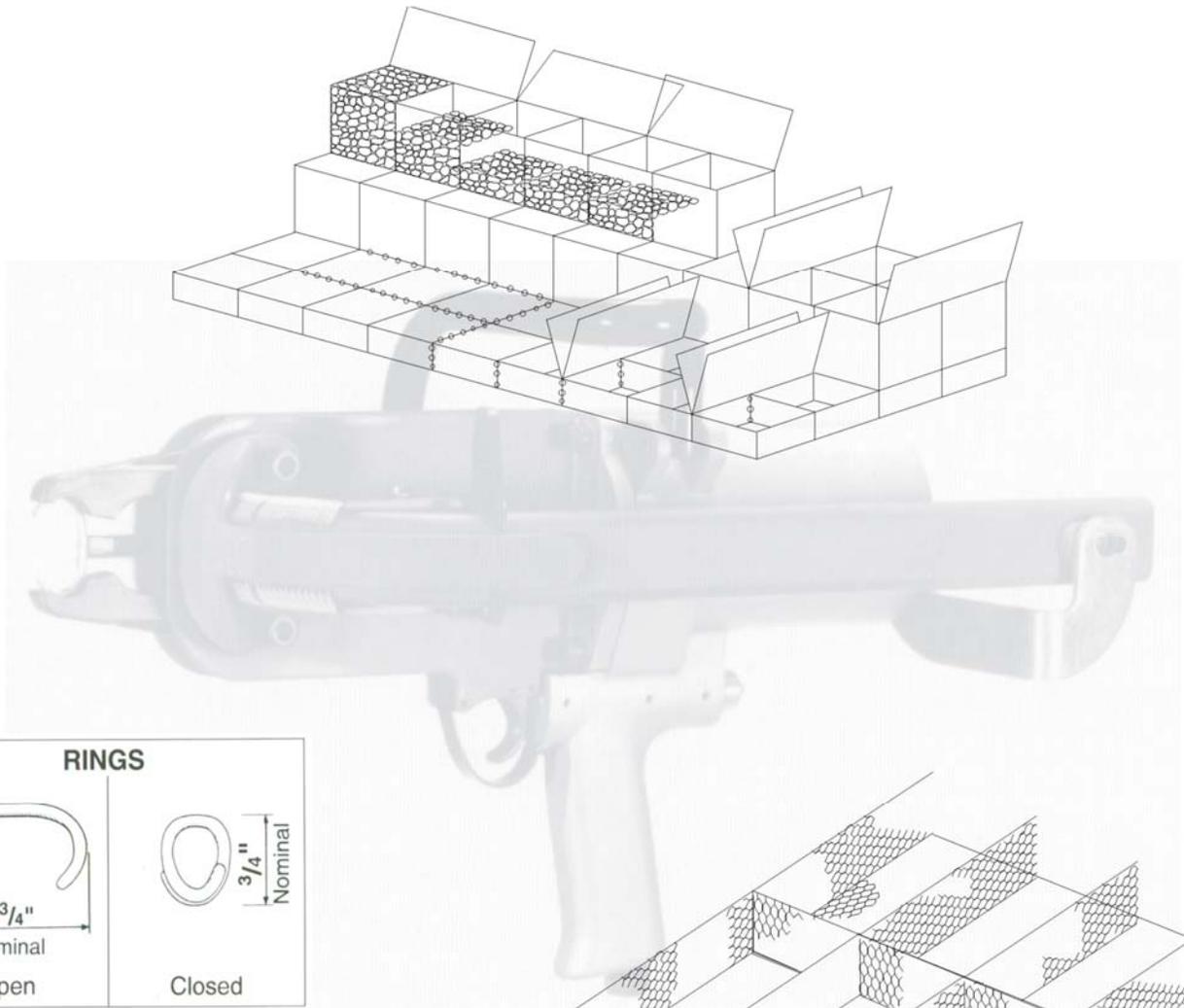


Fastening Systems



MACCAFERRI

MACCAFERRI

Traditionally, gabions, mattresses and Maccaferri's other wire mesh products have been assembled and connected using lacing wire, laced by hand. Since this can be a time consuming task when properly done, Maccaferri has developed an alternative fastening system, using high tensile ring fasteners and either a pneumatic tool or manual pliers.

Fasteners

The fasteners are available in galvanized or galmac, for use with the corresponding type of material, or stainless steel for use with polymeric coated mesh in highly corrosive environments. When used in conjunction with either the pneumatic tool or the manual pliers, these fasteners tightly connect the mesh, unlike some other, less effective, fastening systems. The tensile strength of these fasteners is 220,000 to 270,000 psi, providing impressive strength and durability when installed at the suggested four to six inch spacing.

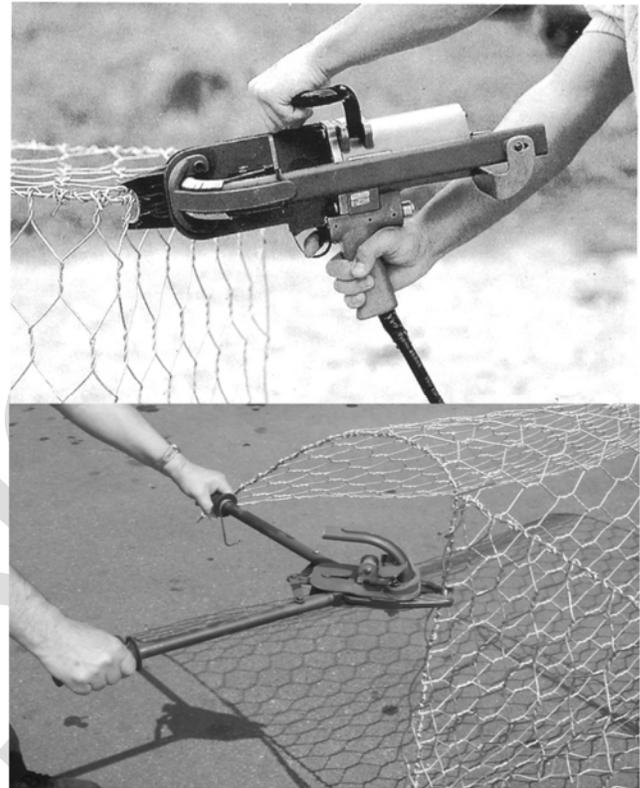
The use of ring fasteners can drastically reduce the assembly and installation operations of Maccaferri's wire mesh products when compared to the conventional method of wire lacing by hand. Projects constructed with this fastening system display improved durability, resistance, and appearance, which translates into an increase in overall quality.

Specifications:

Wire diameter: 11 gauge
Tensile Strength: 220,000 to 270,000 psi
Type: galvanized, galfan, stainless steel
Quantity: 1,600 rings/box

Pneumatic Tool

For the ultimate in speed and efficiency in the installation of gabions and other Maccaferri wire mesh products, our strong pneumatic tool can't be surpassed. This light weight and speedy tool can reduce assembly and installation time by up to 50% over lacing by hand. Contact your local Maccaferri representative about our tool rental program.



Pneumatic Tool Specifications:

Power: compressed air (105 psi at the tool)
Maximum: 40 cycles/minute
Hose: 3/8" max. diameter, 100 foot max. length
Weight: 14 pounds
Capacity: 80 fasteners

Manual Pliers

Maccaferri also offers manual pliers as part of our fastening system. The pliers are handy for smaller projects where setting up an air compressor may be inconvenient. They are also invaluable in tight situations where the pneumatic tool may not fit. Having one or two of these around the project site can be convenient for getting to those tight spots, and to free up the pneumatic tools for the bulk of the installation process.

Manual Pliers Specifications:

Weight: 9 pounds
Length: 28 inches
Opening Angle: 80°
Capacity: 40 fasteners

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