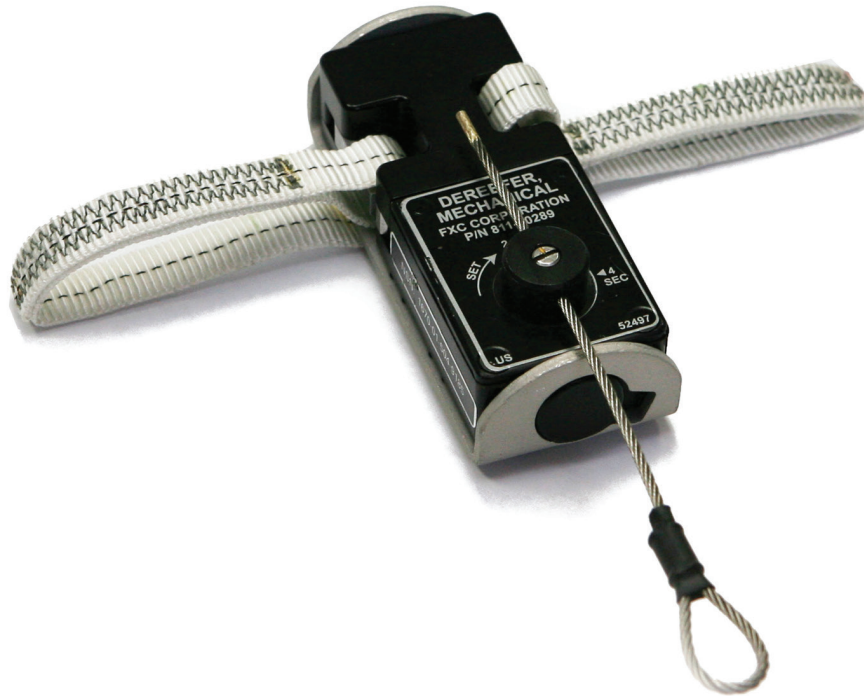


DM 500

DEREEFER, MECHANICAL-CARGO PARACHUTE



DEREEFER, MODEL DM-500

The FXC Dereeper, model DM-500, Part No. 811-00289 is a 100% mechanical mechanism, designed to accommodate a wide range of cargo parachute types and sizes. It is specially designed to be a “re-usable” substitute for the “use-once-and-throw-away” M-21 pyrotechnic cutter.

The DM-500 has been designed to fit perfectly into the existing M-21 mounting bracket, no modification required. The timer offers a choice of preset delays of 2 and 4 seconds. Access to the timer external setting screw is quick and easy.

The timer mechanism is sealed against all outside elements. The internal subcomponents require no maintenance and are corrosion resistant throughout.

DESCRIPTION

The Dereeper mechanism consists of an aluminum housing with two steel latches. The latches, when closed securely, capture the loop ends of the parachute canopy reefing line. The reefing line is released only when the steel latches are triggered by the timer mechanism. The timer has a choice of preset delays of either 2 and 4 seconds. The timer is manually reset before each use and is activated by a lanyard that is pulled during the parachute cargo drop. External access to the timer, to change the delay setting, is quick and easy.

DM 500

TECHNICAL DATA

PART NUMBER:	811-00289 (NSN 1670-01-504-9185)
WIDTH:	1.75 Inches (4.445 cm)
LENGTH:	4.25 Inches (10.795 cm)
DEPTH:	1.00 Inches (2.54 cm)
WEIGHT:	12 ounces (300 grams)
TIMING:	Adjustable 2 & 4 seconds with a tolerance of $\pm 20\%$

