

## REM400 (PATENTED)

The Patented REM400 Collar Removal Tool is a refinement of the original REM300. Designed for rapid removal of collars from Threaded Pins, it is suited for use with Aluminum, Steel and Titanium Collars.

The unique cam-driven jaw closes automatically when operated in the counter-clockwise direction, quickly gripping collars and unscrewing them. The collars are retained in the jaws until the tool rotation is reversed (collars will not drop where they are not wanted). Simply switching the tool rotation to clock-wise, opens the jaws and allows the collar to fall freely.

**US PATENT  
# 6134992**



## Hi-Lok® Pliers

Pliers may be used to remove collars in open access applications, but results are typically mixed. Omega offers the Zephyr style, which is best suited to small aluminum collars. It has been our experience that they do not work well with large collars, or steel/titanium collars where greater gripping force is required to achieve the required torque to break collars loose. The Savi-Socket fitted to a standard hand ratchet will usually offer far superior results.

While both the ZHP-100 and the ATSK3579 are best suited to aluminum collars, specific application will determine preference.

## ZHP-100

This variation of the ATI® model is equipped with a hardened, diamond-jaw pattern that allows the pliers to grip aluminum collars from any direction.



## ATSK3579

Similar to the ZHP100, this plier has a more aggressive offset of about 60°. The jaw serrations are perpendicular to the collar seating surface when the handles are laid flat, but angle at 30° if the flat part of the head is rested on the collar seating surface.



## OM86 Series Hollow Cutter

These tools are designed to cut away swaged or threaded collars from fasteners so the fastener pin can be easily removed. They are ideal for removing Hi-Shear® rivets.

The rotating cutter is applied to the collar until a sufficient amount of collar material has been removed. The pin is then easily removed with a punch. A microstop cage is typically used to prevent the cutter teeth from contacting and damaging the work surface.

### OM86 Series Hollow Cutter

DASH SIZE	BODY DIAMETER (B)	HOLE DIAMETER (H)	PART NUMBER	FASTENER SIZE
-1	0.365	0.1240	OM86-1	1/8
-2	0.365	0.1570	OM86-2	5/32
-3	0.438	0.1875	OM86-3	3/16
-4	0.500	0.2470	OM86-4	1/4
-5	0.562	0.3100	OM86-5	5/16

Larger sizes available on request

