CHERRY® AEROSPACE
SPS Fastener Division, a PCC Company

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SUBJECT:	H781A-456 Offset Pulling Head

TECHNICAL SERVICES

COMMUNIQUE

H781A-456 A NEW COMPACT CHERRYMAX OFFSET PULLING HEAD

A NEW COMPACT OFFSET PULLING HEAD FOR AEROSPACE APPLICATIONS

The Cherry® brand H781A-456 is a new compact offset pulling head, replacing the popular H781-456 model. This Offset Pulling Head has been designed to allow installation of compatible fasteners in tight areas, where a straight pulling head would not provide suitable access. It is only intended for limited access applications; Cherry recommends the use of the straight pulling heads (H701B-456 or H747-456) whenever there is adequate access. The new version is more compact in size and lighter. Like the previous version, this pulling head will work directly (without any adaptations) with G746A, G747, G704B, G704B-40SH, G704B-SR, G800 and similar riveters. With appropriate adapters, other riveter models may be used (see TS-H781A-456 for details).

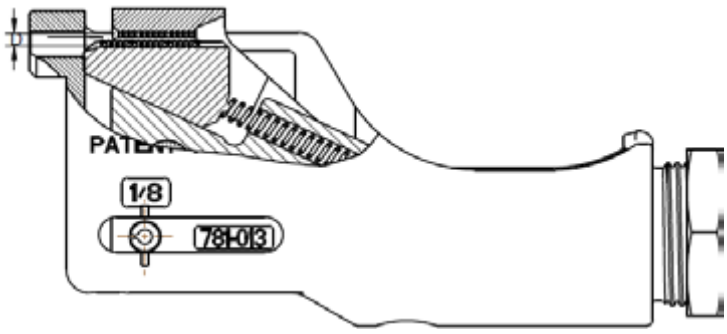
COMPONENT COMPATIBILITY

The new tool has been designed so the wear items are backwards compatible.
Therefore, the following components are compatible with both H781-456 and H781A-456

- P1135 Compression Spring
- P1503 Pin replacing the previous 763A6
- P1257 Roll pin replacing the previous 781A10
- P1012 Roll pin
- 781-004 Jaw replacing the previous 781B4
- 781C5 (also known as 781-005) – Saddle.

ATTACHMENT TO CHERRYMAX TOOLS

- Attach the air-line to the riveter and push the drawbar assembly all the way back
- Thread the Drawbolt onto the riveter piston; continue until the threads bottom out.
- Connect the Frame threaded area to the riveter; thread in fully until the drawbar is all the way to the front; in case the pulling head will be used exclusively for -4 diameter fasteners, it is recommended to stop threading the frame in when the 1/8 vertical line aligns with the center of the roll pin in the slotted area of the pulling head.



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