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H83HL-6MB — straight pulling head for 130 deg Titanium MAXIBOLT flush head

Pulling Head for -6 Dia 130 deg MAXIBOLT Titanium Flush Head.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Weight	0.33 lb (0.15 kg)
Tool sheet	TS-H83HL-6MB, Rev. A, 05/04/11

Part numbers

Part no.	Size
H83HL-6MB	3/16 in (-6)

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter
130 deg Titanium MAXIBOLT flush head (CR7774S-06)	-6

Riveters

Riveter	Adapter	Note
G83	—	Cherry riveter
G84	—	Cherry riveter
G84-LS	744-700	split riveter

Parts list

Item	Part number	Description	Qty
1	652-030	Collet	1
2	744C76	Jaws, -6MB	1
3	652-031	Jaw Follower	1
4	652-070	Sleeve, H83HL & H84HL	1
5	P-1425	Spring, Compression	1
6	652-069	Drawbolt Adaptor	2
7	652-072	Nose Piece, -6MB	1
8	P-1440	Dowel Pin	1
9	652-077	Preload Sleeve (H83HL-6MB)	1
10	652-075	Retainer Washer	1
11	P-1438	Polyurethane Spring	1
12	652-074	Load Adjustment Nut	1

Notes

- Assemble collet assembly (items 1-6) and sleeve assembly (items 4,7-12) per exploded view; press dowel pin (8) to collet; rotate retainer washer out of alignment to keep dowel pin engaged.
- If preload not properly tightened the preload element loses effectiveness.
- Clean insert, jaws and jaw cavity every 1,000 installations or on failure; lubricate jaws with Lubriplate or similar; Loctite 242 on threaded elements; grease tapered area of jaws; thread load adjustment nut (12) hand tight against polyurethane spring (11) with a wrench; to increase preload tighten nut (12); do not over-tighten, nut snug against spring (11).

SOURCES · Cherry Aerospace, Tool Sheet TS-H83HL-6MB, Rev. A, 05/04/11

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h83hl-6mb/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.