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H83HL-5MB — straight pulling head for 130 deg Titanium MAXIBOLT flush head

Pulling Head for -5 Dia 130 deg MAXIBOLT Titanium Flush Head.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Weight	0.25 lb (0.11 kg)
Tool sheet	TS-H83HL-5MB, Rev. A, 05/04/11

Part numbers

Part no.	Size
H83HL-5MB	5/32 in (-5)

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter
130 deg Titanium MAXIBOLT flush head (CR7774S-05)	5

Riveters

Riveter	Adapter	Note
G83	—	
G84	—	
G84-LS	744-700	split riveters

Parts list

Item	Part number	Description	Qty
1	652-030	COLLET	1
2	744C75	JAWS, -5MB	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	652-071	NOSE PIECE, -5MB	1
8	P-1440	DOWEL PIN	1
9	652-076	PRELOAD SLEEVE (H83HL-5MB)	1
10	652-075	RETAINER WASHER	1
11	P-1438	POLYURETHANE SPRING	1
12	652-074	LOAD ADJUSTMENT NUT	1

Notes

- Preload adjustment: thread load adjustment nut (12) hand tight against polyurethane spring (11) with a wrench; to increase preload tighten nut (12); if not properly tightened preload element loses effectiveness.
- Sleeve assembly procedure: thread nosepiece (7) into sleeve (4); thread nut (12) over sleeve; push spring (11), retainer washer (10), preload sleeve (9); insert collet assembly; press dowel pin (8). Hand riveters: make sure pressure released and correct adaptors used.
- Clean insert, jaws and jaw cavity every 1,000 installations or on failure; lubricate outside of jaws with Lubriplate; grease tapered area of jaws. Use Loctite 242 on threaded elements. Make sure nut is snug against polyurethane spring (item 11); do not over-tighten.

SOURCES · Cherry Aerospace, Tool Sheet TS-H83HL-5MB, Rev. A, 05/04/11

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h83hl-5mb/

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