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H744MB — straight pulling head for MAXIBOLT 'S' type

Straight Pulling Head (Stem Through Feed) for MAXIBOLT.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Tool sheet	TS-H744MB, Rev. C, 08/20/07

Part numbers

Part no.	Size
H744-5MB	5/32 in (-5)
H744-6MB	3/16 in (-6)

Cherry's part numbers on this tool sheet.

What it installs as supplied

Fastener	Diameter	Note
MAXIBOLT 'S' type (Alloy Steel and A-286 Stainless)	5, 6	5/32 and 3/16 diameter, all grip lengths; H744-5MB / H744-6MB

Riveters

Riveter	Adapter	Note
G744	—	fits directly
G85D	560-070	H744MB can be attached with 560-070 adapter
G87D	560-070	

Reconfiguration: nosepiece, jaws and follower

Fastener	Dia.	Nosepiece	Jaws	Jaw follower	Note
MAXIBOLT 'S' type 5/32	5	744B65-5	744C75	744A53	assembly H744-5MB
MAXIBOLT 'S' type 3/16	6	744B65-6	744C76	744A53	assembly H744-6MB
MAXIBOLT 'U' type (blind bolt) 5/32	5	530-203-5			replace nosepiece for 'U' type to seat lock collar properly
MAXIBOLT 'U' type (blind bolt) 3/16	6	530-203-6			replace nosepiece for 'U' type

Change these parts to install the other fasteners.

Parts list

Item	Part number	Description	Qty
1	H744-5MB: 744B65-5; H744-6MB: 744B65-6	NOSEPIECE	1
2	744B51	SLEEVE	1
3	744B52	COLLET	1
4	H744-5MB: 744C75; H744-6MB: 744C76	JAWS (3 PCS)	1
5	744A53	JAW FOLLOWER	1
6	744A54	CUSHION	1
7	P-964	JAW SPRING	1
8	642A64	JAM NUT	1

Notes

- Stem through feed. Because of different requirements of 'S' and 'U' type blind bolts, nosepiece must be replaced to install 'U' type blind bolts (530-203-5 for 5/32 'U'; 530-203-6 for 3/16 'U').
- Lightly lubricate jaws with Lubriplate No. 630A or equivalent. Nosepiece replaceable: use arbor press and brass punch to remove, press new one into sleeve.

SOURCES · Cherry Aerospace, Tool Sheet TS-H744MB, Rev. C, 08/20/07

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h744mb/

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

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