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H743 — straight pulling head

Pulling Head (H743A) for commercial rivets.

Specification

Item	Value
Type	Straight pulling head
Maker	Cherry Aerospace
Tool sheet	TS-H743, Rev. B, 5/05/14

Part numbers

Pulling head 1 part number

Part no.
H743-5C6Z

3/16 in (-6) 3 part numbers

Part no.
H743-6K
H743-6T
H743-6V

1/4 in (-8) 4 part numbers

Part no.
H743-8K
H743-8T
H743-8V
H743-8Z

What it installs as supplied

Fastener	Diameter	Note
Commercial rivets with mandrel diameters .100 to .170"	—	see nosepiece selection table

Riveters

Riveter	Adapter	Note
G-703	—	fits directly
G-743	—	fits directly
G-780	—	fits directly
G-745	745A31 Ejector Tube	must be equipped with 745A31 Ejector Tube

Nosepiece selection

Fastener	Dia.	Nosepiece	Note
N Rivet, Q Rivet	3/16"	743A7-5C6Z	Pulling head H743-5C6Z; N ALL, Q ALL
K-T Rivet	3/16"	743C53	H743-6K; K-T ALL
T Rivet	3/16"	703A25-6T	H743-6T; T BSPT
G Rivet, Mono-Bolt	3/16"	743B35	H743-6V; G ALL, Mono-Bolt ALL
N Rivet, Q Rivet	1/4"	743A7-8Z	H743-8Z; N ALL, Q ALL
T Rivet	1/4"	743A25-8T	H743-8T; T BSPT
K-T Rivet, Mono-Bolt	1/4"	743B32	H743-8V; K-T ALL, Mono-Bolt ALL
K-T Rivet	1/4"	743C51	H743-8K; K-T ALL

Parts list

Item	Part number	Description	Qty
1	See nosepiece selection table	Nosepiece	1
2	743B6	Sleeve	1
3	743A18	Jam Nut	1
4	743A9	Collet	1
5	743B54	Jaws (3 pieces/set)	Set
6	743A13-8Z	Jaw Follower	2
7	P-829	O-Ring	1
8	732A8	Compression Spring	1
9	743A14-8Z	Ejector Tube	1

Notes

- Parts 1-9 are common to all pulling head part numbers (except nosepiece item 1).
- Clean and inspect nosepiece, jaws, collet & spring every 1000 installations or whenever a failure occurs; replace spring and jaws if worn. Lubricate outside of jaws with Lubriplate or similar light grease. Loctite 242 (removable) on the threaded nosepiece on reassembly.

SOURCES · Cherry Aerospace, Tool Sheet TS-H743, Rev. B, 5/05/14

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h743/

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