

Catalog

Swaging ToolKits-

2025/26

DLT PERMANENT RADIAL SWAGE TOOL KIT

These high compression, lightweight, portable, DLT swaging tools are used in concert with Permaswage Radial fittings to join aircraft hydraulics, fuel, pneumatic, and metallic tube systems to form a complete, reliable, leak-free fitting joint.



TITLE	TUBE SIZE	QTY	PART NUMBER	DESCRIPTION
POWER UNIT	-3/-4	1 EA	DLT05MAPW0000	POWER UNIT MODEL 5
	-5/-6	1 EA	DLT10MAPW0000	POWER UNIT MODEL 10
	-8/-10	1 EA	DLT20MAPW0000	POWER UNIT MODEL 20
	-12	1 EA	DLT30MAPW0000	POWER UNIT MODEL 30
HEAD ASSEMBLY	-16/-20/-24	1 EA	DLT40MAPW0000	POWER UNIT MODEL 40
	-3	1 EA	DLT05PSHA3003	HEAD ASSEMBLY SIZE 3 STD
	-4	1 EA	DLT05PSHA3004	HEAD ASSEMBLY SIZE 4 STD
	-5	1 EA	DLT10PSHA3005	HEAD ASSEMBLY SIZE 5 STD
	-6	1 EA	DLT10PSHA3006	HEAD ASSEMBLY SIZE 6 STD
	-8	1 EA	DLT20PSHA3008	HEAD ASSEMBLY SIZE 8 STD
	-10	1 EA	DLT20PSHA3010	HEAD ASSEMBLY SIZE 10 STD
	-12	1 EA	DLT30PSHA3012	HEAD ASSEMBLY SIZE 12 STD
	-16	1 EA	DLT40PSHA3016	HEAD ASSEMBLY SIZE 16 STD
	-20	1 EA	DLT40PSHA3020	HEAD ASSEMBLY SIZE 20 STD
CUTTING TOOL	-24	1 EA	DLT40PSHA4024	HEAD ASSEMBLY SIZE 24 STD
	-3/4/-5/6	1 EA	D12530-001	CHIPLESS CUTTER 3-6
	-8/10/-12	1 EA	D12531-001	CHIPLESS CUTTER 8-12
	-16/-20/-24	1 EA	D12532-001	CHIPLESS CUTTER 16-24
DEBURRING TOOL BODY	-3	1 EA	D9852-14	DEBURRING TOOL 3
	-4/-5/6	1 EA	D9850-14	DEBURRING TOOL 4-6
	-8/10/-12	1 EA	D9850-14	DEBURRING TOOL 8-12
	-16/-20/-24	1 EA	D9849-15	DEBURRING TOOL 16-24
DEBURRING TOOL STEM	-4	1 EA	D9851-13-04	STEM ASSY SIZE 04
	-5	1 EA	D9851-13-05	STEM ASSY SIZE 05
	-6	1 EA	D9851-13-06	STEM ASSY SIZE 06
	-8	1 EA	D9850-13-08	STEM ASSY SIZE 08
	-10	1 EA	D9850-13-10	STEM ASSY SIZE 10
	-12	1 EA	D9850-13-12	STEM ASSY SIZE 12
	-16	1 EA	D9849-13-16	STEM ASSY SIZE 16
	-20	1 EA	D9849-13-20	STEM ASSY SIZE 20
MARKING TOOL	-24	1 EA	D9849-13-24	STEM ASSY SIZE 24
	-3/4/-5/6	1 EA	DLT5302-013-01	MARKING TOOL 3-6
	-8/10/-12	1 EA	DLT5302-031-01	MARKING TOOL 8-12
	-16/-20/-24	1 EA	DLT5302-040-01	MARKING TOOL 16-24
INSPECTION GAGE	-3	1 EA	D12-9892-03	INSPECTION GAGE 03
	-4	1 EA	D12-9892-04	INSPECTION GAGE 04
	-5	1 EA	D12-9892-05	INSPECTION GAGE 05
	-6	1 EA	D12-9892-06	INSPECTION GAGE 06
	-8	1 EA	D12-9892-08	INSPECTION GAGE 08
	-10	1 EA	D12-9892-10	INSPECTION GAGE 10
	-12	1 EA	D12-9892-12	INSPECTION GAGE 12
	-16	1 EA	D12-9892-16	INSPECTION GAGE 16
MARKING PEN	-20	1 EA	D12-9892-20	INSPECTION GAGE 20
	-24	1 EA	D12-9892-24	INSPECTION GAGE 24
MARKING PEN	ALL SIZE	1 EA	DLT5301-000-01	MARKING PEN
HEX KEY	ALL SIZE	1 EA	DLT5103-104-00	HEX KEY
SPARE CUTTER	-3/4/-5/6	1 EA	D12530-109	SPARE CUTTER 3-6
	-8/10/-12	1 EA	D12531-109	SPARE CUTTER 8-12
MANUAL PUMP ASSEMBLY	-16/-20/-24	1 EA	D12532-109	SPARE CUTTER 16-24
	ALL SIZE	1 EA	DLT05MAPM1001	PUMP ASSY MANUAL (10,000PSI)
AIR DRIVEN PUMP ASSEMBLY	ALL SIZE	1 EA	DLT01MAPM1010	HOSE AND COUPLING HALVES ASSY
	ALL SIZE	1 EA	DLT02MAPM1000	PUMP ASSY AIR DRIVEN (10,000PSI)
MANUAL	ALL SIZE	1 EA	DLT01MAPM1010	HOSE AND COUPLING HALVES ASSY
	ALL SIZE	1 EA	DMC-15	INST MANUAL TOOLING
	ALL SIZE	1 EA	SOP-DLT-01	INST MANUAL PERMASWAGE
	ALL SIZE	1 EA	SOP604-005	INST MANUAL PUMP

Model	Dimension	Weight	Swage Capacity(Tube OD)
DLTFRPSKT3000	800X520X320mm	30KG	0.250.3750.50.6250.75"
DLTFRPSKT3001	520X430X220mm	18.5KG	1/1.251.5"
DLTFRPSKT3002	800X520X320mm	26KG	0.250.3750.50.6250.75"
DLTFRPSKT3003	520X430X220mm	11KG	0.250.375"
DLTFRPSKT3004	800X520X320mm	30.5KG	0.250.3130.3750.50.6250.75"
DLTFRPSKT3007	560X460X270mm	18KG	0.250.3750.5"
DLTFRPSKT3008	800X520X320mm	32KG	0.1880.250.3130.3750.50.6250.75"
DLTFRPSKT3009	800X520X320mm	32KG	0.1880.250.3130.3750.50.6250.75"
DLTFRPSKT3010	520X430X220mm	18.5KG	1/1.251.5"
DLTFRPSKT3014	800X520X320mm	30KG	0.250.3750.50.6250.75"
	520X430X220mm	12KG	1"



Swaging Sequence

1. Cut off the tube.
2. Tube end deburring.



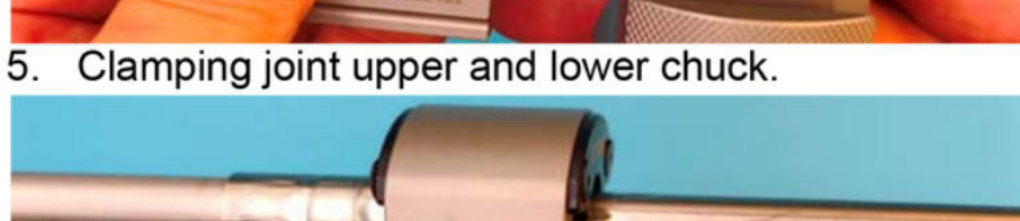
3. Mark the tube end.



4. Install fitting, swage head and power unit.



5. Clamping joint upper and lower chuck.



6. Connect the pump, press to 10000psi, keep 10s.

7. Release the pressure and check the size of the fitting after swaging.

