

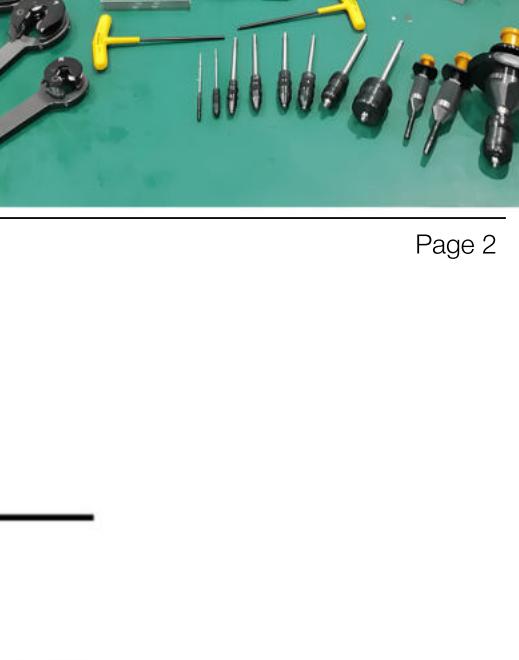
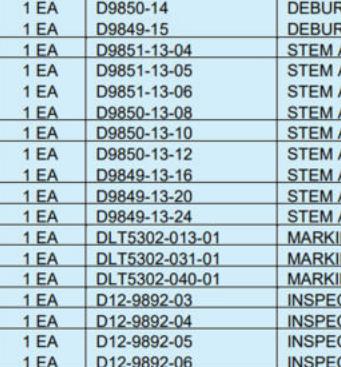
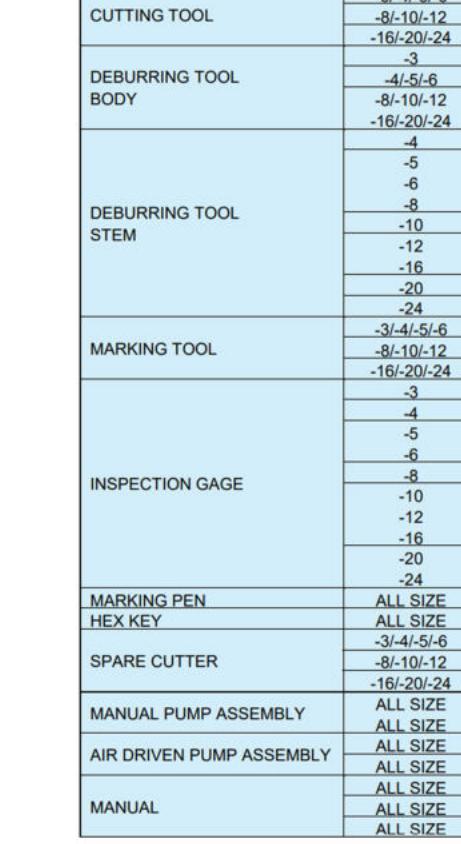
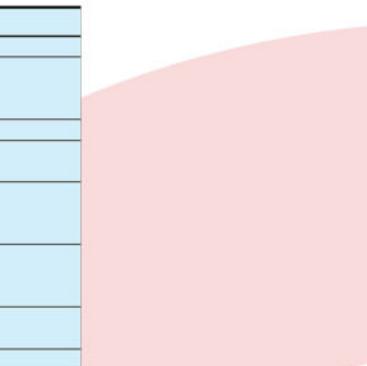


# Catalog

## 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	DLT10MAPW0000	POWER UNIT MODEL 20
	-12	1 EA	DLT10MAPW0000	POWER UNIT MODEL 30
	-16/20/24	1 EA	DLT40MAPW0000	POWER UNIT MODEL 40
HEAD ASSEMBLY	-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	DLT20PSHA3012	HEAD ASSEMBLY SIZE 10 STD
	-12	1 EA	DLT20PSHA3016	HEAD ASSEMBLY SIZE 12 STD
	-16	1 EA	DLT40PSHA4024	HEAD ASSEMBLY SIZE 16 STD
CUTTING TOOL	-20	1 EA	DLT40PSHA4020	HEAD ASSEMBLY SIZE 20 STD
	-24	1 EA	DLT40PSHA4024	HEAD ASSEMBLY SIZE 24 STD
	-3/4/5/6	1 EA	D12530-001	CHIPLESS CUTTER 3-6
DEBURRING TOOL BODY	-8/10/12	1 EA	D12530-001	CHIPLESS CUTTER 8-12
	-16/20/24	1 EA	D12530-001	CHIPLESS CUTTER 16-24
	-3	1 EA	D9852-14	DEBURRING TOOL 3
DEBURRING TOOL STEM	-4/5/6	1 EA	D9851-14	DEBURRING TOOL 4-6
	-8/10/12	1 EA	D9849-14	DEBURRING TOOL 8-12
	-16/20/24	1 EA	D9849-13-04	DEBURRING TOOL 16-24
	-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
MARKING TOOL	-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
INSPECTION GAGE	-24	1 EA	D9849-13-24	STEM ASSY SIZE 24
	-3/4/5/6	1 EA	DLT5302-030-01	MARKING TOOL 3-6
	-8/10/12	1 EA	DLT5302-030-01	MARKING TOOL 8-12
HEX KEY PEN	-3	1 EA	D12530-004	INSPECTION GAGE 04
	-4	1 EA	D12530-005	INSPECTION GAGE 05
	-5	1 EA	D12530-006	INSPECTION GAGE 06
SPARE CUTTER	-6	1 EA	D12530-007	INSPECTION GAGE 07
	-8	1 EA	D12530-008	INSPECTION GAGE 08
	-10	1 EA	D12530-009	INSPECTION GAGE 10
MANUAL PUMP ASSEMBLY	-12	1 EA	D12530-010	INSPECTION GAGE 12
	-16	1 EA	D12530-011	INSPECTION GAGE 16
	-20	1 EA	D12530-012	INSPECTION GAGE 20
AIR DRIVEN PUMP ASSEMBLY	-24	1 EA	D12530-013	INSPECTION GAGE 24
	-3/4/5/6	1 EA	D12530-014	HEX KEY PEN 3-6
	-8/10/12	1 EA	D12530-015	HEX KEY PEN 8-12
MANUAL DRIVEN PUMP ASSEMBLY	-3	1 EA	D12530-016	SPARE CUTTER 8-12
	-4	1 EA	D12530-017	PUMP ASSY COUPLING (10000PSI) ASSY
	-5	1 EA	D12530-018	PUMP ASSY AIR DRIVEN (10,000PSI) ASSY
HEX KEY PEN	-6	1 EA	D12530-019	PUMP ASSY AIR DRIVEN (10,000PSI) ASSY
	-8	1 EA	D12530-020	INST. MANUAL PERMASWAGE ASSY
SPARE CUTTER	-10	1 EA	D12530-021	INST. MANUAL PERMASWAGE ASSY
	-12	1 EA	D12530-022	INST. MANUAL PUMP

### 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.

