

Product Announcement

March 3rd, 2020

Subject: DLT Tools

Permaswage is pleased to announce that we are no longer taking new orders for Generation 1 DLT tools. Any new orders will be for Generation 2 tools, which are safer, more reliable and easier to maintain while keeping the same envelope dimensions.

Custom designed tools have been, and will continue to be, available upon request. For years to come, we will continue to innovate and design solutions for our customers to ensure individual needs are met.

Permaswage will continue to maintain and service all Generation 1 tools.

Power Unit		Head Assembly	
Old Model	New Model	Old Model	New Model
DLT05MAPW0000	DLT06MAPW0000	DLT05PSHA3003	DLT06PSHA3003
DLT10MAPW0000	DLT11MAPW0000	DLT05PSHA3004	DLT06PSHA3004
DLT20MAPW0000	DLT21MAPW0000	DLT10PSHA3005	DLT11PSHA3005
DLT30MAPW0000	DLT31MAPW0000	DLT10PSHA3006	DLT11PSHA3006
DLT40MAPW0000	DLT41MAPW0000	DLT20PSHA3008	DLT21PSHA3008
		DLT20PSHA3010	DLT21PSHA3010
		DLT30PSHA3020	DLT31PSHA3012
		DLT40PSHA3016	DLT41PSHA3016
		DLT40PSHA3020	DLT41PSHA3020
		DLT40PSHA4024	DLT41PSHA4024

Tool Kit numbers shall remain the same, but the internal components and functions have been improved. The document attached with this letter provides further details.

Please contact Adam Senta - Director of Engineering for more information.

Best Regards,



Adam Senta
 Director of Engineering, Marketing, External Sales

DLT2 vs DLT1

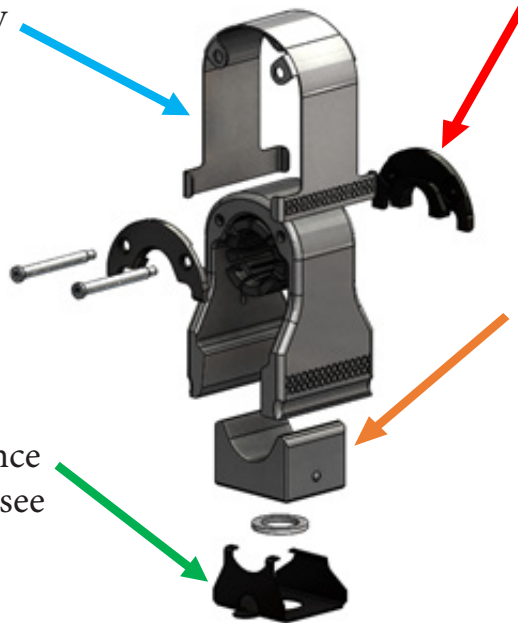
Same Envelope, Safer, More Ergonomic, Easier Maintenance, & Stronger

Safety Shroud

- Physically contain the assembly
- Prevent damage from catastrophic failures due to improper use or lack of maintenance

Lower Block Die Clip

- Simplified assembly and disassembly for easier maintenance
- More room for the operator to see the swaging mark
- Less stress on die block



End Plate & Pin Design

- Plate designed to “fail first” to prevent other failure points
- Easily replaceable
- Readily Available

Lower Die Block

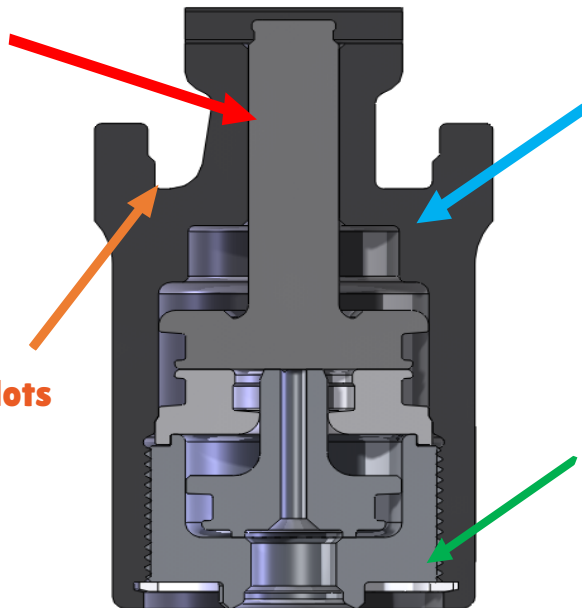
- Simplified design
- No threads
- Eliminate high stress area due to threads

Larger Piston Stem

- Lower stress in piston
- Reduces chance of tip breaking

Round/Square Cylinder slots

- Guarantees correct head assembly orientation
- Less stress on cylinder



Internal Physical Stop

- Improves safety and protects tool if is activated improperly
- Less stress on the cylinder

Groove and Ring

- Replaces “drill and pin” design
- Simplified assembly and disassembly for easier maintenance
- Eliminates stress point of the drilled hole

Many more improvements!