



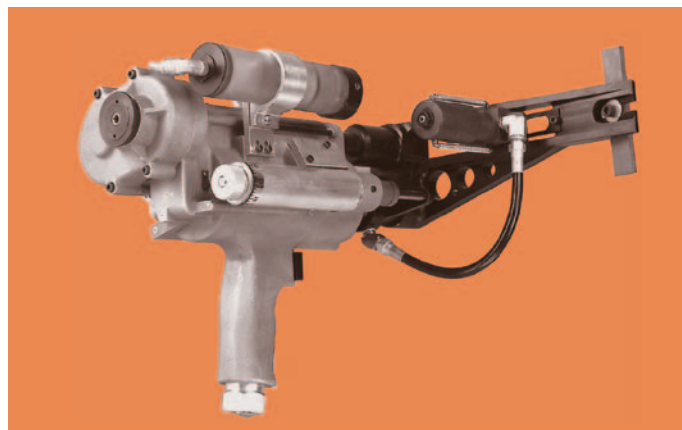
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Speed, Precision, and Power to Spare...

HSTOOLING

www.hstooling.com

Formerly Hi-Shear Tooling



Installation, Assembly
and Repair Tools
for Aerospace

UK Distributor: Wm. Lees & Sons Ltd. Tel: UK +44 (0) 1698 426662

skinpins
william lees + sons ltd

Website: skinpins.com
Email: sales@skinpins.com



AIR DRILLS

CXD

The CXD is easily maneuvered into spaces too small for other drills to access; at 1/2 Hp, has the power to smoothly complete jobs that other small drills can't.



CXD

CXT-II

At 1.5Hp, the CXT-II is the most powerful handheld pneumatic drill. It can quickly drill through thick or hard materials. Many two-step drilling tasks are accomplished in just one pass.



CXT-II

SERIES	Speed	Power	Chuck Sizes
CXD	8 models, 250 RPM - 25,000 RPM	1/2 Hp	0 - 1/4" (0 - 6.3mm) and 0 - 3/8" (0 - 9.5mm)
CXT-II	8 models, 750 RPM - 20,000 RPM	1-1/2 Hp	0 - 1/4" (0 - 6.3mm); 0 - 3/8" (0 - 9.5mm) and 5/64" - 1/2" (2 - 12.5mm)

RIVETERS

LSSR Recoilless Rivet Hammer

Ergonomically designed to reduce vibration to the hand of the operator by 85%. Aluminum and steel cylinder models.



Recoilless bucking bar



LSRR-A-400

SERIES	Stroke	Capacity	Blows/Min
LSRR-A	6 models, 1" to 7"	1/8" - 7/16" dia	1125 - 3350
LSRR-S	1 model, 8"	1/2" dia	1125

Conventional Rivet Hammer

Precision ball-bearing construction
Variable throttle valve
Silencer lessens noise level
Low-cost replacement parts available



SERIES	Stroke	Capacity	Shank
One	6 models, 2" to 4"	1/8" - 3/8" dia	.410
Two	4 models, 3" to 8"	1/4" - 7/16" dia	.498



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COMPRESSION RIVETERS



735A



735C



702T



702

HS Tooling Squeezers feature ergonomic design, 50% weight reduction vs. comparable-force models, high-strength forged jaws and C-yokes, precision bearings and shafts. The new 702 and 702T models possess outstanding force-to-size ratios.

HS Tooling offers a full range of Alligator jaw and C-yoke models - one for virtually every application.

SERIES	Capacity
Alligator jaw	6 models, 3/32" dia to 1/4" dia rivets
C-Yoke	4 models, 3/32" dia to 5/16" dia rivets

SPECIAL TOOLS AND ACCESSORIES



Rivet Shaver

Precision ball-bearing construction
Variable throttle valve
Silencer lessens noise level
Low-cost replacement parts available

HS Tooling offers a wide variety of custom & stock installation, removal and repair tooling - call for details.

SERIES	Speed	Capacity	Cutter Sizes	Reach
9459 / 9460	20,000 RPM	5/8" dia	11 skirt assemblies, 5/16" - 5/8"	2" (or 5-3/4 w/ extension)



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INSTALLATION / REMOVAL



20° Offset Ratchet Driver

Hard-to-reach installations can be quickly and easily accomplished with HS Tooling.

HS Tooling offers a complete line of specialty fastener installation tools. Modular attachments, sockets and key sets are matched to your specific applications.



Offset Driver with Clutch



Geared Straight Driver



4" Offset Driver

L-shaped adapters access installations within channels with minimal clearance.



Precision gauges assure adherence to manufacturer's specifications

HS Tooling Kits provide a range of socket and attachment sizes with both hand and pneumatic tools.





SPACEMATIC

Precision portables automatically drill and countersink/counterbore on close-tolerance applications. Proven reliable over decades of service.

Model 1000II / 1500II / 2000

Collet clamps to workpiece for hands-free drilling cycle. Optional foot assemblies include template, taper lock, Keller and concentric collet. Depth accuracy ± 0.001

Drill-Countersink Tool

Precision hand-held with adjustable c'sink control and drill point lubrication

Nutplate Drillmotor II

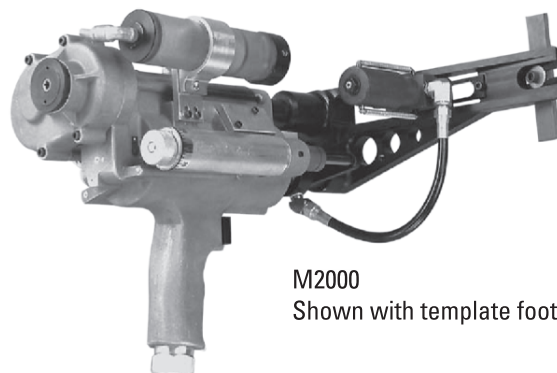
One-hand operation to drill/countersink both rivet holes in 4 sec. Spacing adjustable via interchangeable parts for most common nutplate sizes and configurations



Drill-Countersink Tool



M1000-II
Shown with Keller foot



M2000
Shown with template foot



Nutplate Drillmotor II

SERIES	Stroke	Power	Spindle Speeds	Drill Capacity
Drill-Countersink	0.75"	1.5 HP	16,000 rpm	.187
M1000 II	1.18"	1.5 HP	10 models; 300 - 12,500 rpm	.375
M2000	2.25"	2.2 HP	11 models; 450 - 9,000 rpm	.500
Nutplate Drillmotor II / IIB	to 0.62"	0.5 HP	600 rpm; 7,000 rpm	dual spindle, spacing .219 to 1.125





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