



Suministros Técnicos y Servicio Integral para el Sector Aeronáutico



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SOBRE NOSOTROS

Líderes del sector

M&D Aeroespacial con más de diez años de experiencia en el suministro de todo tipo de herramientas y accesorios para el sector aeronáutico está constituido por personal altamente cualificado, y nace con la voluntad de ofrecer un servicio de esmerada calidad, trato personalizado, que va desde el asesoramiento, búsqueda de los mejores elementos a los mejores precios, en el menor espacio de tiempo y buscando siempre la mejora continua en todo el proceso y a plena satisfacción de nuestros clientes.

Suministros Aeronáuticos

Todo el material a tu disposición

CONTAMOS CON EL MAYOR CATÁLOGO DE PRODUCTOS AERONÁUTICOS DEL MERCADO INTERNACIONAL.

Puede también consultar en nuestra web

www.mdaeroespacial.com

Su satisfacción es una finalidad, por ello en M&D ofrecemos las mejores y mayores garantías de calidad y seguridad en todos los productos.



ABOUT US

Leaders of the sector

M&D Aerospace with over ten years of experience in supplying all kinds of tools and accessories for the aeronautics sector is made up of highly qualified personnel, born with the desire to offer a service of high quality, personalized service, ranging from the advice, search for the best elements at the best prices, in the shortest time and always looking for continuous improvement throughout the process and to the full satisfaction of our customers.

Aeronautical Supplies

All the material at your disposal

WE HAVE THE MOST CATALOG OF AERONAUTICAL PRODUCTS IN THE INTERNATIONAL MARKET.

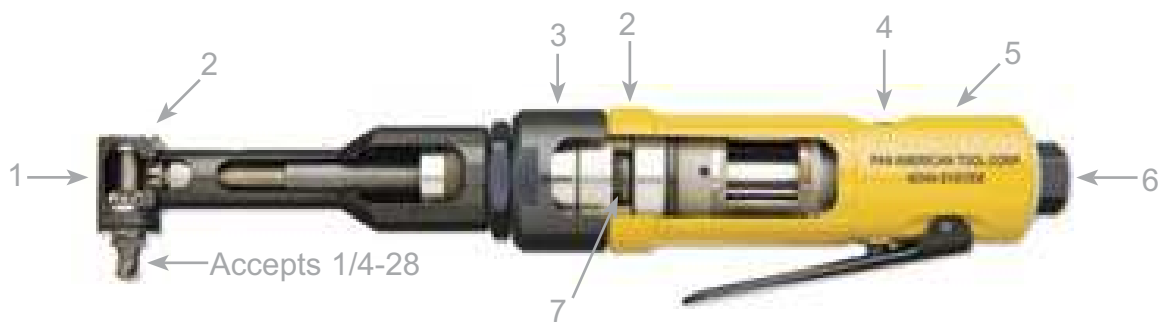
You can also check our website

www.mdaeroespacial.com

Your satisfaction is an end, so at M & D we offer the best and highest quality and safety guarantees on all products.

AEROESPACIAL SL

HERRAMIENTAS NEUMÁTICAS / DRILLS



1. One Piece Hardened Spindle Gear
2. Grease Fittings in Motor Housing and Head
3. Closed Case Bearings Top and Bottom
4. In Line Air Regulator

5. Housing is Milled from One Piece of Solid Stock for Precision Operation
6. Rear Exhaust with Bronze Muffler
7. Hardened Alloy Steel Planetary Gears, Motor Cylinder and Rotor



SHOWN WITH 3" DISC HOLDER
COMPACT DESIGN AND 90° ANGLE
HEAD FOR TIGHT WORK AREAS

- Standard Equipment Includes: 2" and 3" Holder
- Maximum Air Pressure: 90 PSI
- 12,000 RPM
- Air Inlet 1/4-18 NPT
- Rear Exhaust
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Orbital Action produces a swirl free surface
- Smooth quiet operation

M&D: 60-065

Weight: 1.6 Lbs.

HOOK AND LOOP DISC HOLDERS

PART NUMBER	DESCRIPTION
60-067	2" Hook & Loop Disc Holder 5/16-24 Threaded Shank
60-066	3" Hook & Loop Disc Holder 5/16-24 Threaded Shank



M&D: 60-067

M&D: 60-066

ALUMINUM OXIDE HOOK & LOOP SANDING DISCS

PART NUMBER	DESCRIPTION
51-200	2" 60 Grit A/O
51-201	2" 80 Grit A/O
51-202	2" 120 Grit A/O
51-203	2" 180 Grit A/O
51-204	2" 240 Grit A/O
51-205	2" 320 Grit A/O
51-206	3" 60 Grit A/O
51-207	3" 80 Grit A/O
51-208	3" 120 Grit A/O
51-209	3" 180 Grit A/O
51-210	3" 240 Grit A/O
51-211	3" 320 Grit A/O

SURFACE CONDITIONING DISCS HOOK & LOOP

PART NUMBER	DESCRIPTION	COLOR
51-212	2" Coarse	Brown
51-213	2" Medium	Maroon
51-214	2" Very Fine	Blue
51-215	2" Super Fine	Gray
51-216	3" Coarse	Brown
51-217	3" Medium	Maroon
51-218	3" Very Fine	Blue
51-219	3" Super Fine	Gray



- 2000 RPM
- Reversing Button Located for Superior Control
- Feathering Trigger Allows Operator Complete Control of Speed
- Air Inlet 1/4-18 NPT
- Maximum Air Pressure: 90 PSI
- Rubber Grip for Operator Comfort
- Quiet Smooth Operation
- One Year Warranty

Weight 2.1 Lbs.

M&D: 20-115

ALICATE PARA INSTALACIÓN DE CLECO



- **M&D: 20-108**

PNEUMATIC CLECO INSTALLATION TOOL

- Ergonomic Handle
- 360° Swivel Mount
- Straight Handle
- Weight .75 Lbs.
- Lever Throttle
- Quiet Operation
- 6' Hose
- Air Inlet 1/4 NPT
- **M&D: 20-109**



PNEUMATIC CLECO INSTALLATION TOOL

- Ergonomic Handle
- 360° Swivel Mount
- Pistol Grip
- Weight 1 Lb. 6 Oz.
- Trigger Throttle
- Quiet Operation
- Air Inlet 1/4 NPT
- **M&D: 20-112**



<p>90° ANGLE</p> 	<p>LONG REACH 90° ANGLE</p> 	<p>45° ANGLE</p> 
<p>LONG REACH 45° ANGLE</p> 	<p>360° ANGLE</p> 	<p>COMPACT REVERSIBLE MOTOR HOUSING</p> 
<p>90° SHORT FLAT OFFSET</p>  	<p>90° MEDIUM FLAT OFFSET</p>  	<p>90° LONG FLAT OFFSET</p>  
<p>FLAT OFFSET</p>  	<p>LONG REACH FLAT OFFSET</p>  	<p>90° HEAD W/ 1/4" CHUCK</p> 

TALADROS / DRILLS



2800 RPM - .3HP
Weight 1.2 Lbs.
M&D: 90-002



5000 RPM - .3HP
Weight 1.2 Lbs.
M&D: 90-003



3200 RPM - .5HP
Weight 1.5 Lbs.
M&D: 90-006



900 RPM - .3HP
Weight 1.4 Lbs.
M&D: 90-035



M&D: 90-025
Weight .4 Lbs.



M&D: 90-026
Weight .6 Lbs.



M&D: 90-028
Weight .7 Lbs.



M&D: 90-030
Weight .7 Lbs.

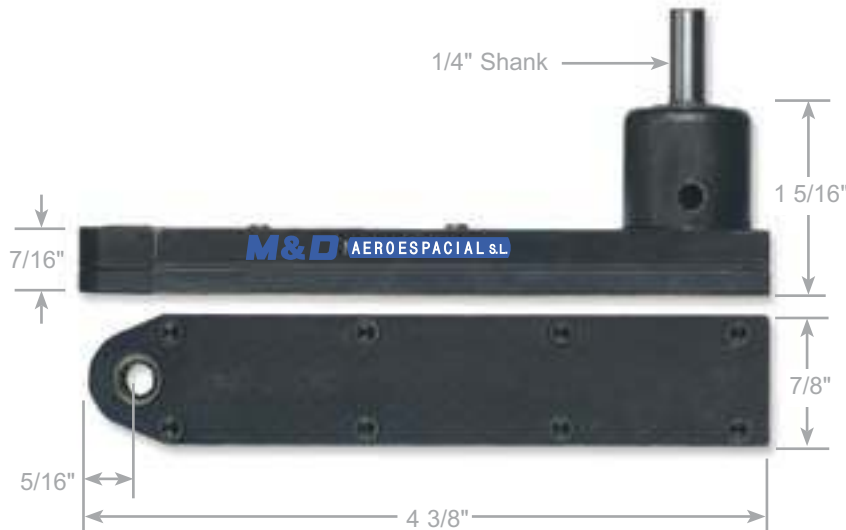


REENVÍOS PARA TALADROS / DRILLS



- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

3" Overall Length
M&D: 90-008
Weight .4 Lbs.



- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

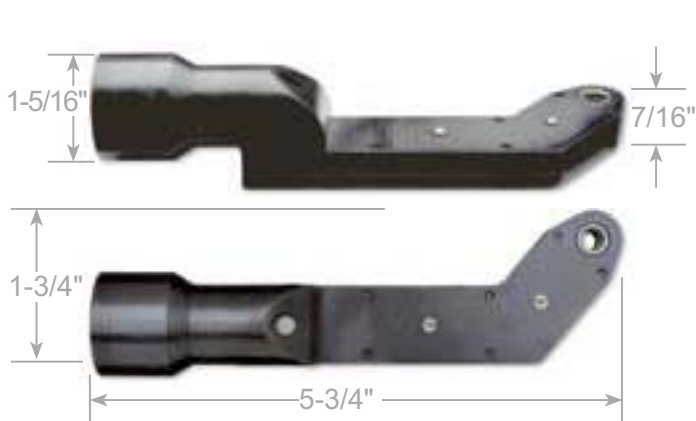
4 3/8" Overall Length
M&D: 90-009
Weight .6 Lbs.



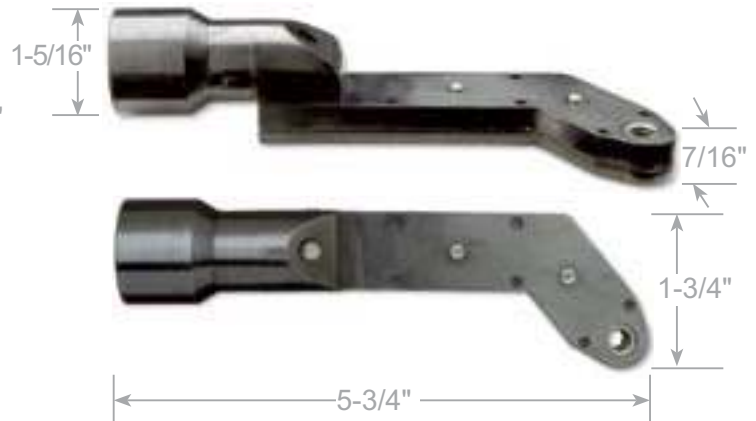
- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

5 3/4" Overall Length
M&D: 90-010
Weight .7 Lbs.

REENVÍOS PARA TALADROS / DRILLS



**Flat Offset
Dogleg Left
M&D: 90-015
Weight .8 Lbs.**



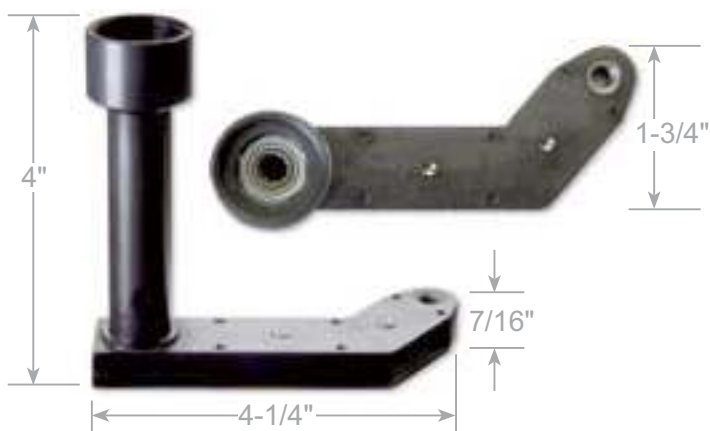
**Flat Offset
Dogleg Right
M&D: 90-014
Weight .8 Lbs.**



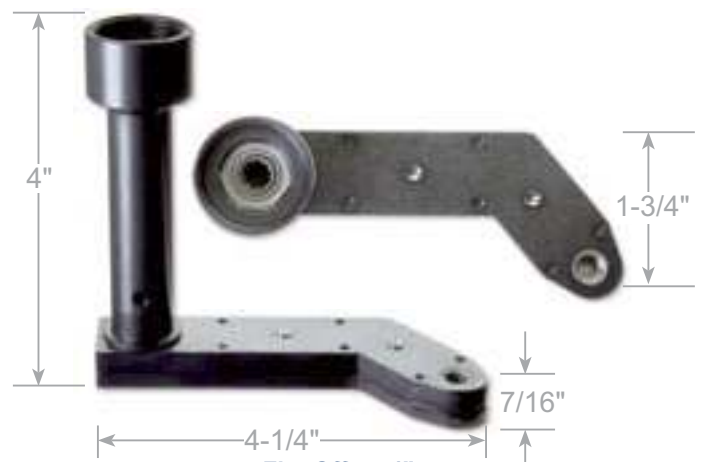
**Flat Offset 1 3/4"
Dogleg Left
M&D: 90-042A
Weight .7 Lbs.**



**Flat Offset 1 3/4"
Dogleg Right
M&D: 90-042
Weight .7 Lbs.**



**Flat Offset 4"
Dogleg Left
M&D: 90-041A
Weight .9 Lbs.**



**Flat Offset 4"
Dogleg Right
M&D: 90-041
Weight .9 Lbs.**

TALADROS RECTOS PARA REENVÍOS / DRILLS



- Accepts 1/4-28 Threaded Angle Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT

- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT
90° Angle Head With 1/4" Chuck With .3 Horsepower Motor	60-046C	2800	25	2.0 Lbs.
90° Angle Head With 1/4" Chuck With .3 Horsepower Motor	60-046AC	5000	22	2.0 Lbs.
90° Angle Head With 1/4" Chuck With .5 Horsepower Motor	61-046C	3200	35	2.3 Lbs.
90° Angle Head With 1/4" Chuck With .3 Horsepower High Torque	62-046C	900	52	2.2 Lbs.



- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Smooth Quiet Operation
- Rubber Grip for Operator Comfort
- One Year Warranty

2600 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
M&D: 60-300

2600 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
M&D: 60-300B

4000 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
M&D: 60-310

4000 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
M&D: 60-310B

3200 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
M&D: 60-312

3200 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
M&D: 60-312B



- .5 HP Motor For Extended Torque
- Feathering Trigger Allows Operator Complete Control of Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Quiet Smooth Operation
- One Year Warranty

2400 RPM with 1/4" Chuck and Key
Weight 1.6 Lbs.
M&D: 60-600

2400 RPM with 1/4" Keyless Chuck
Weight 2 Lbs.
M&D: 60-600A

2400 RPM with 3/8" Chuck and Key
Weight 1.9 Lbs.
M&D: 60-600B

2400 RPM with 3/8" Keyless Chuck
Weight 2.4 Lbs.
M&D: 60-600C



- 60 In.-Lbs. Torque - 1300 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

1300 RPM with 1/4" Chuck and Key
Weight 1.9 Lbs.
M&D: 60-313

1300 RPM with 1/4" Keyless Chuck
Weight 2.3 Lbs.
M&D: 60-313A

1300 RPM with 3/8" Chuck and Key
Weight 2.2 Lbs.
M&D: 60-313B

1300 RPM with 3/8" Keyless Chuck
Weight 2.7 Lbs.
M&D: 60-313C



- 70 In.-Lbs. Torque - 650 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

650 RPM with 1/4" Chuck and Key
Weight 1.9 Lbs.
M&D: 60-450

650 RPM with 1/4" Keyless Chuck
Weight 2.3 Lbs.
M&D: 60-450A

650 RPM with 3/8" Chuck and Key
Weight 2.2 Lbs.
M&D: 60-450B

650 RPM with 3/8" Keyless Chuck
Weight 2.7 Lbs.
M&D: 60-450C



- 95 In.-Lbs. Torque - 900 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

900 RPM with 3/8" Chuck and Key
Weight 2.5 Lbs.
M&D: 60-008B

900 RPM with 1/4" Keyless Chuck
Weight 2.6 Lbs.
M&D: 60-008H

900 RPM with 3/8" Keyless Chuck
Weight 2.9 Lbs.
M&D: 60-008K

TALADROS DE PISTOLA REVERSIBLE / DRILLS



- Reversing Button Located for Superior Control
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

2000 RPM with 1/4" Chuck and Key

Weight 1.75 Lbs.

M&D: 60-300R

3100 RPM with 1/4" Chuck and Key

Weight 1.75 Lbs.

M&D: 60-310R

Rivet Shaver Micromille

This high quality tool will achieve clean, precise shaving regardless of rivet height. Tool has an ergonomic handle for greater operator comfort. Adjustable depth cut in 0.001" increments. Includes a stabilizer and 1/2" skirt.

- Weight: 2.7 lbs.
- Length: 8 1/4"
- **21,000 RPM**
- Accepts industry standard 1/4"-28 threaded bits

M&D: 88750

SIZE	PART #
5/16"	M&D: 87555
3/8"	M&D: 87556
7/16"	M&D: 87557
1/2"	M&D: 87501
9/16"	M&D: 87558
5/8"	M&D: 87559

Kit includes:

- Yard Store rivet shaver
- FOD-style carrying case
- Yard Store shaver skirts: 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8"
- Shaver bits: 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8"



MICROMILLE (RIVET SHAVER)

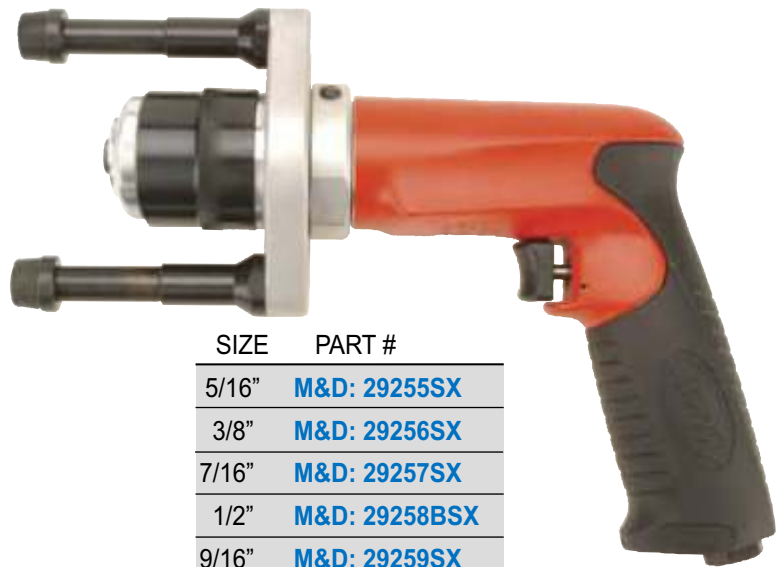
Rivet Shaver

Newly redesigned and better than ever, these high-quality tools achieve clean, precise shaving regardless of rivet height. Adjustable depth cut in 0.001" increments.

Shaver supplied with stabilizer and 1/2" skirt and has a new ergonomic handle for greater operator comfort.

- Model SRS10P21
- Weight: 2.6 lbs.
- Length: 8"
- 21,000 RPM
- Accepts industry standard 1/4"-28 threaded bits
- Made in USA

M&D: 12234



SIZE	PART #
5/16"	M&D: 29255SX
3/8"	M&D: 29256SX
7/16"	M&D: 29257SX
1/2"	M&D: 29258BSX
9/16"	M&D: 29259SX
5/8"	M&D: 292510SX

Rivet Shaver Kit

This kit is perfect for all your rivet shaving needs. Features a newly redesigned rivet shaver to give you the clean, precise shaving you need regardless of rivet height. Tool has adjustable depth cut in 0.001" increments and includes a stabilizer bar. Kit includes a hard plastic, durable FOD carrying case.

- Rivet shaver
- Model SRS10P21
- Weight: 2.6 lbs.
- Length: 8"
- 21,000 RPM
- Made in USA
- Accepts industry standard 1/4"-28 threaded bits
- Shaver skirts: 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8"
- Shaver bits: 5/16", 3/8", 7/16", 1/2", 9/16" and 5/8"

M&D: 12191



FRESAS PARA MICROMILLE

Rivet Shaver Bits

These carbide-tipped bits shave rivets that protrude too high above the surface. They are precision-ground for chatter-free cuts and longer life. 1/4"-28 threaded. Use in pneumatic rivet shavers, microstops or angle motors.

- Available in six sizes.



SIZE	PART #
5/16"	M&D: 12194
3/8"	M&D: 12195
7/16"	M&D: 12196

SIZE	PART #
1/2"	M&D: 12197
9/16"	M&D: 12198
5/8"	M&D: 12193

The “Winslow” *Ultralite* Nutplate Drill Motor IIB



One-hand operation to locate, drill, and countersink both nutplate rivet holes in a single 4-second operation!

Standard Features:

- # Fully adjustable feed rate
- # Foot assembly, collet, mandrel, bushings, lift fingers are all interchangeable with previous models
- # Accommodates all nutplate rivet spacings from .219” to 1.125”
- # Metric spacings are available on special request

Optional Features

- # C-yoke foot attachment for edge applications
- # Booster pump to increase clamp and drill thrust for drilling in tough materials
- # Adjustable air exhaust direction
- # Coolant lubricant system for increased drill life and improved cycle time
- # Cobalt and Carbide cutters available
- # **Custom Winslow Drill Kit available with cutters and nutplate configuration change parts in a MIL-STD 4150H case.**

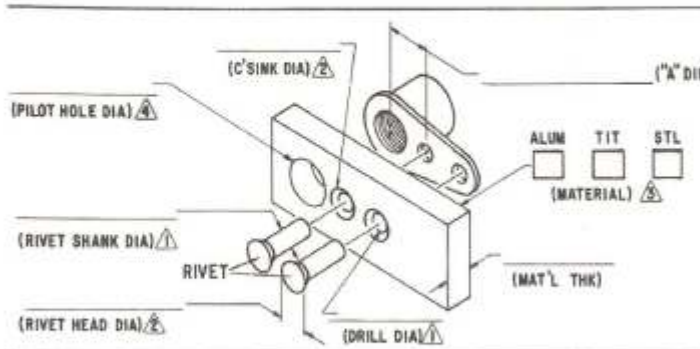
Specifications

- # Drill stroke: .500”
- # Spindle speeds: 600 & 7000 rpm
- # Feed rate range: .001” to .012” IPR
- # Motor hp: .54
- # Air consumption: 18 CFM @ 90 PSI
- # Collet stroke: .250”
- # Weight: **4.75 lbs!**

Nutplate Drillmotor Cutter Chart

Part number	Shank Dia.	Drill Dia.	Drill Lgth.	Mat'l
WD40-100-35	.1875”	#40	.420”	M7
WD40M42-100-35	.1875”	#40	.420”	M42
WD40C-100-35	.1875”	#40	.420”	Car.
WD40-100-50	.1875”	#40	.560”	M7
WDS40M42-100-35	.2500”	#40	.420”	M42
WDS40C-100-35	.2500”	#40	.420”	Car.
WDS40-100-50	.2500”	#40	.560”	M7
WDS40M42-100-50	.2500”	#40	.560”	M42
WD30-100-35	.2500”	#30	.420”	M7

“Winslow” Ultralite Variable-spacing Nutplate Drillmotor Selection Chart



MODEL NO. (A" DIM) SW _____

CUTTER _____

FOOT ASSY _____

COLLET, CLAMP _____

MANDREL, CLAMP _____

BUSHING, COLLET _____

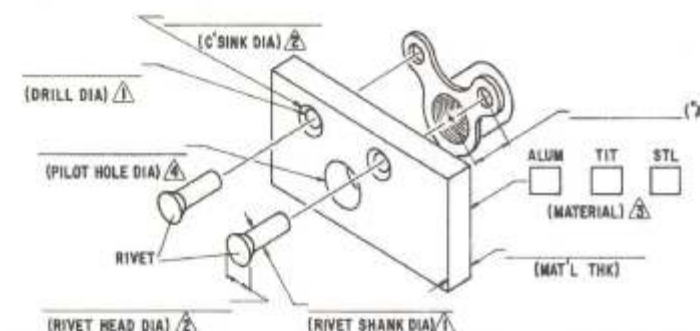
SPRING, COLLET _____

Spacer Block _____

Tool RPM _____

Lift Finger _____

OTHER _____



MODEL NO. (A" DIM) MM _____

CUTTER _____

FOOT ASSY _____

COLLET, CLAMP _____

MANDREL, CLAMP _____

BUSHING, COLLET _____

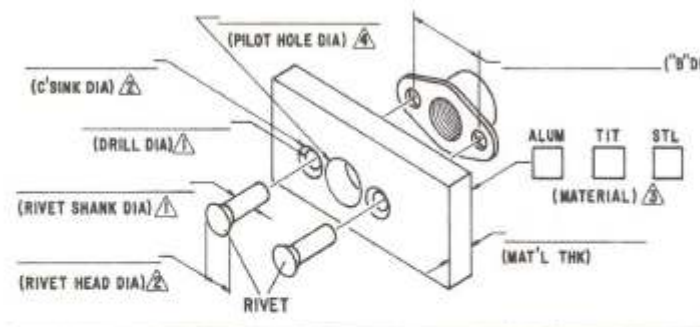
SPRING, COLLET _____

Spacer Block _____

Tool RPM _____

Lift Finger _____

OTHER _____



MODEL NO. (B" DIM) DW _____

CUTTER _____

FOOT ASSY _____

COLLET, CLAMP _____

MANDREL, CLAMP _____

BUSHING, COLLET _____

SPRING, COLLET _____

Spacer Block _____

Tool RPM _____

Lift Finger _____

OTHER _____

- ⚠ RIVET SHANK DIA DETERMINES DRILL DIA. REFER TO "CUTTER DRILL & C'SINK COMBINATIONS" TABLE FOR DRILL DIA.
- ⚠ THEORETICAL MAX RIVET HEAD DIA DETERMINES C'SINK DIA. REFER TO "CUTTER DRILL & C'SINK COMBINATIONS" TABLE FOR C'SINK DIA.
- ⚠ SPINDLE SPEED OF 7000 RPM RECOMMENDED FOR DRILLING OF ALUM. SPINDLE SPEED OF 700 RPM RECOMMENDED FOR DRILLING OF TIT & STL'S.
- ⚠ CLEARANCE HOLE FOR FASTENER, (TO BE DETERMINED BY USER) ALSO CLAMPING HOLE FOR EXPANDING COLLET.

CUTTER DRILL & C'SINK COMBINATIONS		
RIVET SHANK DIA	DRILL DIA	MAX C'SINK & CUTTER SHANK DIA
1/16	.0670	.1250 .1875
3/32	.0980	.1875 .2500
1/8	.1285	.2500 .3125
5/32	.1590	.3125

NPDM Accessories

COLLET, MANDREL AND BUSHING SELECTION

HOLE SIZE RANGE		COLLET		COLLET PART NO.	MANDREL PART NO.	2 BUSHING PART NO.	HOLE SIZE RANGE		COLLET		COLLET PART NO.	MANDREL PART NO.	2 BUSHING PART NO.
MIN.	MAX.	SIZE CODE	LENGTH CODE				MIN.	MAX.	SIZE CODE	LENGTH CODE			
.1160	.1200	.1160	-0230	1050072	1296097	1055343	.2240	.2500	.2448	-0230	1051763	1053929	1055628
.1200	.1240	.1200	-0400	1050084	1296103	1055343	.2490	.2550	.2500	-0230	1051775	1053930	1055628
.1230	.1280	.1230	-0230	1050096	1296097	1055343	.2540	.2600	.2552	-0230	1051890	1053929	1055640
.1250	.1300	.1250	-0400	1294076	1296103	1055343	.2595	.2655	.2604	-0400	1051906	1053930	1055640
.1300	.1350	.1300	-0230	1050102	1053036	1055343	.2645	.2705	.2656	-0230	1051962	1053929	1055665
.1350	.1400	.1358	-0400	1050114	1053048	1055343	.2656	.2705	.2656	-0400	1051994	1053930	1055665
.1400	.1450	.1406	-0230	1050175	1053036	1055355	.2700	.2760	.2706	-0230	1052080	1054065	1055689
.1450	.1500	.1458	-0400	1050187	1053048	1055355	.2750	.2810	.2760	-0400	1052184	1054077	1055689
.1500	.1580	.1510	-0230	1050254	1053036	1055367	.2800	.2860	.2812	-0230	1052172	1054065	1055690
.1550	.1610	.1562	-0400	1291774	1053048	1055367	.2855	.2915	.2864	-0400	1052093	1054077	1055690
.1605	.1685	.1614	-0230	1050278	1053140	1055380	.2905	.2965	.2917	-0230	1208019	1054065	1055707
.1655	.1715	.1687	-0400	1050290	1053152	1055380	.2960	.3020	.2969	-0400	1294118	1054077	1055707
.1710	.1770	.1719	-0230	1050357	1053140	1055392	.3010	.3070	.3021	-0230	1052263	1054132	1055719
.1780	.1820	.1771	-0400	1050369	1053152	1055392	.3065	.3125	.3073	-0400	1294131	1054144	1055719
.1815	.1875	.1823	-0230	1050412	1053140	1055409	.3115	.3175	.3125	-0230	1052287	1054132	1055720
.1865	.1925	.1875	-0400	1050424	1053152	1055409	.3165	.3225	.3177	-0400	1052299	1054144	1055720
.1915	.1975	.1927	-0230	1050460	1053243	1055410	.3220	.3280	.3229	-0230	1052366	1054132	1055732
.1970	.2030	.1979	-0400	1050473	1053255	1055410	.3270	.3330	.3281	-0400	1052378	1054144	1055732
.2020	.2060	.2031	-0230	1050540	1053243	1055422	.3325	.3385	.3333	-0230	1207015	1054272	1055744
.2075	.2135	.2063	-0400	1050552	1053255	1055422	.3375	.3435	.3386	-0400	1207416	1054284	1055744
.2125	.2185	.2136	-0230	1050630	1053243	1055434	.3430	.3490	.3438	-0230	1052406	1054272	1055756
.2180	.2240	.2186	-0400	1050643	1053255	1055434	.3480	.3540	.3490	-0400	1207428	1054284	1055756
.2230	.2290	.2240	-0230	1050709	1053370	1055446	.3530	.3590	.3542	-0230	1052482	1054272	1055768
.2280	.2340	.2292	-0400	1050710	1053383	1055446	.3585	.3645	.3594	-0400	1207441	1054284	1055768
.2335	.2395	.2344	-0230	1050783	1053370	1055458	.3635	.3695	.3646	-0230	1052500	1054363	1055780
.2385	.2445	.2396	-0400	1050795	1053383	1055458	.3690	.3750	.3698	-0400	1052512	1054375	1055780
				1050849	1053370	1055470					1052597	1054363	1055793
				1050850	1053383	1055470					1052603	1054375	1055793
				1050886	1053462	1055483					1052688	1054363	1055810
				1050896	1053474	1055483					1052705	1054375	1055810
				1050990	1053462	1055495					1296620	1054545	
				1051003	1053474	1055495					1296632	1189615	
				1051130	1053462	1055513					1296644	1054545	
				1051143	1053474	1055513					1296656	1189615	
				1051222	1053620	1055525					1296668	1054545	
				1051234	1053632	1055525					1296681	1189615	
				1051301	1053620	1055537					1296693	1054612	
				1051313	1053632	1055537					1296711	1054624	
				1051362	1053620	1055549					1264497	1054612	
				1294068	1053632	1055549					1194197	1054624	BUSHING
				1051374	1053723	1055550					1296723	1054612	NOT
				1205316	1053735	1055550					1296735	1054624	REQ'D.
				1051416	1053723	1055562					1296747	1207994	
				1051428	1053735	1055562					1296759	1289391	
				1051490	1053723	1055574					1296760	1207994	
				1254091	1053735	1055574					1055999	1289391	
				1051507	1053814	1055586					1296772	1207994	
				1051519	1053826	1055586					1296784	1289391	
				1051659	1053814	1055604					1056062	1054843	
				1207396	1053826	1055604					1256713	1054855	
				1051714	1053814	1055616							
				1294106	1053826	1055616							

Jo-Bolt/Visu-Lok Grip Gauge

Use this gauge to easily determine proper

Jo-Bolt length and diameter.

- Model LFVLG-1
- Made in USA

M&D: 50521



Hi-Lok Grip Gauge with Slide

Slide the tip of this gauge through a hole, draw the gauge back until the hook hits the backside of the hole and you'll be able to correctly determine the proper length of the Hi-Lok fastener needed.

- Made in USA

M&D: 14055



CherryMax Grip Gauge with Slide

Slide the hook of this gauge through a hole, draw the gauge back until the hook hits the back of the hole and you can properly determine the length of the CherryMax or CherryLock rivet required. Also measures the required rivet diameter.

- Made in USA

M&D: 14056



Radius Gauge Set

For checking or laying out concave or convex radii. Sizes range from 1/64" thru 17/64" by 64ths, and 9/32" thru 1/2" by 32nds. Includes 25 pieces in all. Each gauge has satin-chrome finish and is individually marked. Includes a vinyl storage case.

M&D: 4145

Shop Head Rivet Gauge Set

This 4-piece set of gauges (-3, -4, -5 and -6) measures the minimum height and minimum diameter of shop heads after setting. Made of aluminum with sizes stamped in, the gauges work for both universal head and flush rivets. Gauges are color-coded with an anodized finish.

M&D: 13714



Hi-Lite® Pin Protrusion Gauge (Go-No-Go Gauge)

Set of 5 precision protrusion gauges for nominal diameter Hi-Lite fasteners. Sizes: 5/32", 3/16", 1/4", 5/16" and 3/8". Each set is serialized for calibration and control purposes. All 6 pieces of each set bear the same serial number.

• Model: 2-1522HST-B

M&D: 14585



Hi-Lok® & Hi-Tigue Pin Protrusion Gauge (Go-No-Go Gauge)

After installation of Hi-Lok and Hi-Tigue pins, use this gauge to determine if the pins fall between the correct minimum and maximum grip length. Includes 5 gauges: 5/32", 3/16", 1/4", 5/16" and 3/8".

• Model: 2-1522-B

M&D: 14584



Hi-Lok® & Hi-Lite Pin Protrusion Gauges (Go-No-Go Gauge)

Use these gauges after installation of Hi-Lok and Hi-Lite pins to make sure they fall between the minimum and maximum lengths for correct grip. Includes gauges: 5/32", 3/16", 1/4", 5/16" and 3/8" for Hi-Loks and Hi-Lites.



For Hi-Loks

M&D: 14084

• Model: 2-1522



For Hi-Lites

M&D: 14384

• Model: 2-1522HST

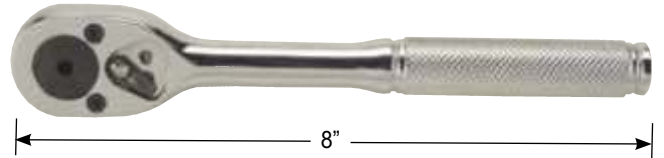
LLAVES DE CARRACA PARA MONTAR HI-LOK / RATCHETS

3/8" Hi-Lok Ratchet

Used to manually install and remove Hi-Lok and Hi-Lite fasteners. A hole through the head permits an Allen wrench to hold the pin still while the ratchet attaches or removes the collar. All-steel construction.

Made in USA.

M&D:13990



1/4" Hi-Lok Ratchet

A cost-effective way to own a Hi-Lok ratchet that can manually install and remove Hi-Lok and Hi-Lite fasteners. A hole through the head allows an Allen wrench to hold the pin still while the ratchet attaches or removes the collar. Ratchet has a durable, plastic handle.

Made in USA.

M&D:14002



1/4" Hi-Lok Ratchet with Adjustable Flex Head

Used to manually install and remove Hi-Lok and Hi-Lite fasteners. The head is adjustable forwards and backwards to control installation angle. A hole through the head permits an Allen wrench to hold the pin still while the ratchet attaches or removes the collar.

Made in USA.

M&D:13986



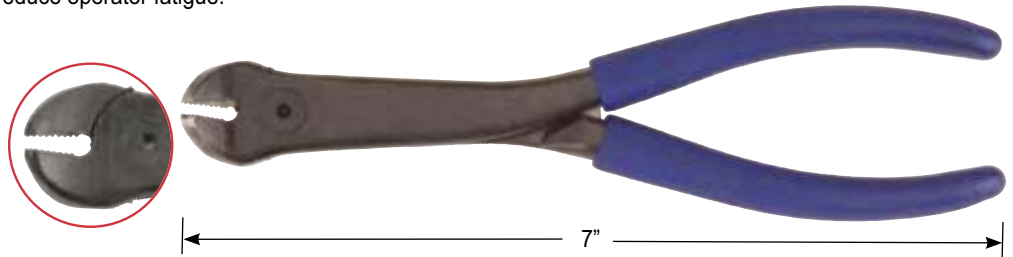
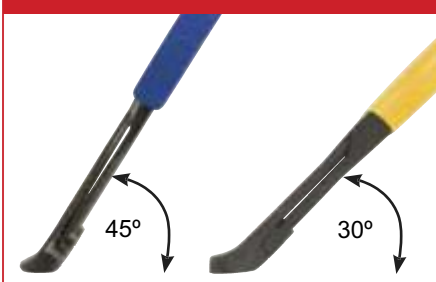
Hi-Lok Pliers

Our Hi-Lok pliers are the best on the market. They are designed to remove all standard Hi-Lok collars. Made of hardened steel, the jaws are notched for easy gripping of the collar. Cushioned hand grips reduce operator fatigue.

JAWS
ANGLE LENGTH PART

45°	7"	M&D: 14048
30°	7 1/2"	M&D: 14948

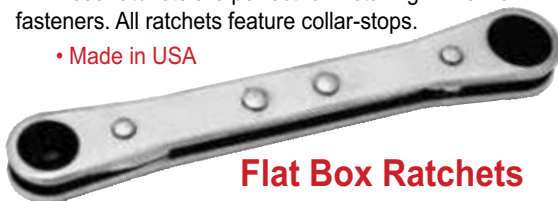
HI-LOK® PLIERS JAW ANGLES



Hi-Lok Box Ratchets

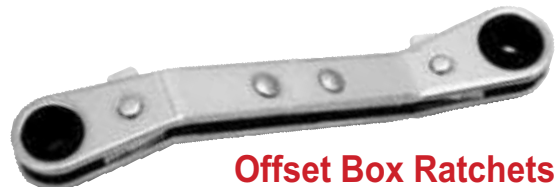
These ratchets are perfect for installing Hi-Lok or Hi-Lite fasteners. All ratchets feature collar-stops.

• Made in USA



Flat Box Ratchets

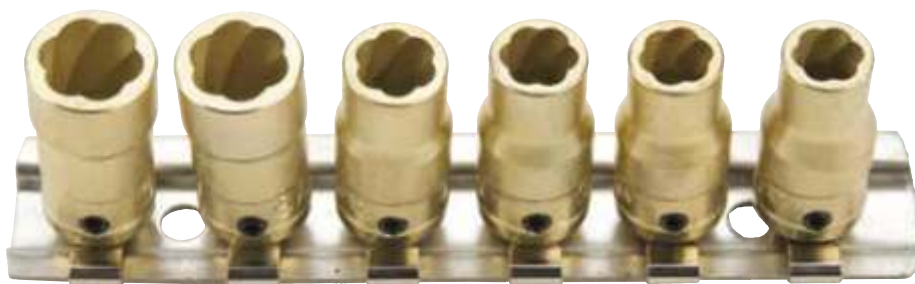
MODEL	SIZE	PART
ATBR2125	7/32" x 1/4"	M&D: 16950
ATBR2528	1/4" x 9/32"	M&D: 16951
ATBR3134	5/16" x 11/32"	M&D: 16954
ATBR3137	5/16" x 3/8"	M&D: 16955
ATBR4350	7/16" x 1/2"	M&D: 16956



Offset Box Ratchets

MODEL	SIZE	PART
ATBRO2125	7/32" x 1/4"	M&D: 16957
ATBRO2528	1/4" x 9/32"	M&D: 16958
ATBRO3134	5/16" x 11/32"	M&D: 16961
ATBRO3137	5/16" x 3/8"	M&D: 16962
ATBRO4350	7/16" x 1/2"	M&D: 16963

LLAVES PARA DESMONTAR HI-LOK / RATCHETS



Savi-Socket Hi-Lok ® Tools

Savi-Socket is the newest revolution for removing Hi-Lok® threaded collars. It is the first socket to utilize a conical/tapered shape with helical teeth to remove collars. This design firmly draws the socket onto the collar, gripping and removing the collar with minimal effort and wear on the tool. A gentle rocking action of the wrench while the collar is still on the threads releases the collar. This is a starter set that contains Savi-Sockets for 75-85% of the Hi-Lok collars typically encountered in routine aircraft maintenance, including the most frequently encountered collars: the HL70 and the HL79 series "red" collars. Removes most popular collars, dash 5, 6, and 8 (sizes: 5/32", 3/16", and 1/4" diameter collars)

- 1/4" drive sockets
- Made in USA
- Go to our web page for a chart that will help you pick out the socket you need.

SIZE	PART #
#21	M&D: 16751
#24	M&D: 16752
#25	M&D: 16753
#26	M&D: 16754
#27	M&D: 16755
#28	M&D: 16759
#29	M&D: 16756

SIZE	PART #
#32	M&D: 16760
#34	M&D: 16761
#35	M&D: 16762
#36	M&D: 16757
#37	M&D: 16758
#43	M&D: 16763
#50	M&D: 16764

Hi-Lok ® Installation Sockets

These 1/4" drive sockets, used to install Hi-Lok® fasteners, attach to any Hi-Lok ratchet or roller ratchet with a special set screw located in the side of the socket.

- Made in USA



SIZE	PART #
7/32"	M&D: 16450
1/4"	M&D: 16454
9/32"	M&D: 16455
5/16"	M&D: 16451
11/32"	M&D: 16452

Hex Key Wrenches

For use when installing Hi-Lok® fasteners. Use with our new Hi-Lok® ejector sockets shown above.

- 10 Wrenches per Pack

HEX STYLE	SIZE	LENGTH	PART #
Straight	5/64"	6 3/8"	M&D: 63605
Straight	3/32"	6 3/8"	M&D: 63606
Straight	1/8"	6 3/8"	M&D: 63608
L-Key	5/64"	6"	M&D: 15305
L-Key	3/32"	6"	M&D: 15306
L-Key	1/8"	6"	M&D: 15308



Hex Key/Hi-Lok ® Driver

Use this tool to install Hi-Lok style fasteners. Includes set screw and hex key.

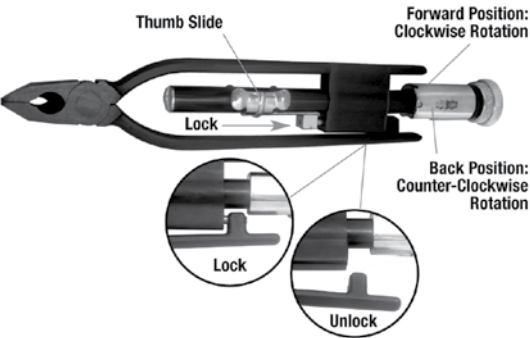
ITEM	PART #
3/32"	M&D: 57410
1/8"	M&D: 57414
5/64"	M&D: 57408
3-Piece set	M&D: 57420



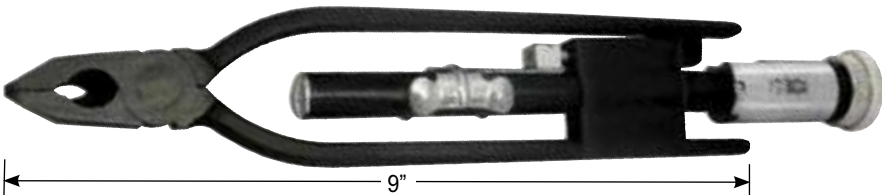
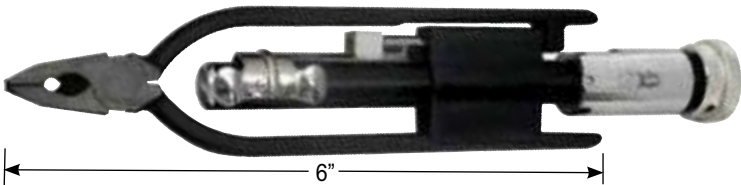
Safety-Wire Pliers - Reversible

This is the tool you need to fasten wire quickly and easily. With this new design, the pliers stay locked, even if you drop them. Features a durable cutting edge and an ergonomic thumb slide.

- Reversible



SIZE	PART #
6"	M&D: 14004
9"	M&D: 14005

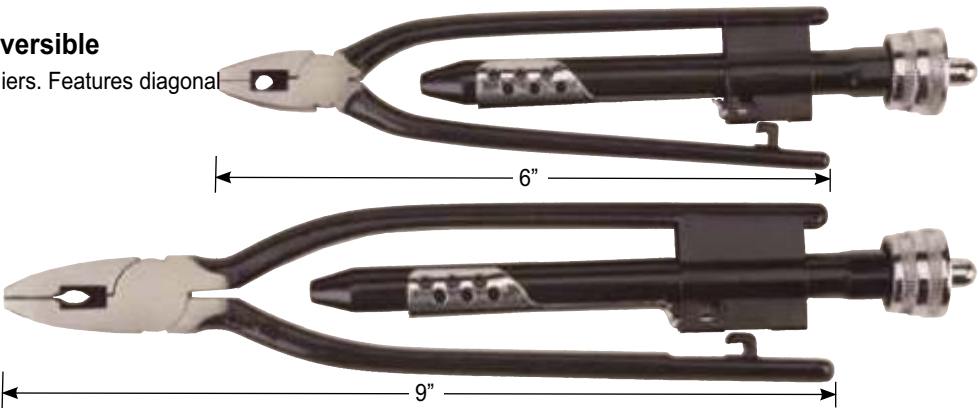


Safety-Wire Pliers (Economy) - Non-Reversible

A great inexpensive alternative to our featured pliers. Features diagonal nose configuration and automatic spring return.

- Nonreversible

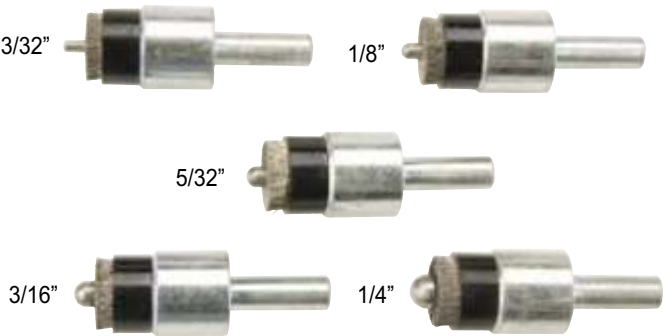
SIZE	PART #
6"	M&D: 13999
9"	M&D: 13997



ZONAS DE MASA

Wire Bonding Brushes

Wire bonding brushes clean and prepare holes before you rivet, as they'll remove paint, primer, dirt, rust, sealant and grime from around holes. They feature a 1/2" diameter body with a 1/4" shaft and an extremely short fill material (.005 stainless steel wire).



PILOT SIZE	PART #
3/32"	M&D: 17250
1/8"	M&D: 17251
5/32"	M&D: 17252
3/16"	M&D: 17253
1/4"	M&D: 17254

Environmentally friendly, Boeing-developed lubricants are high-efficiency minimum quantity lubrications (MQL) for drilling, tapping, reaming, milling, cutting, grinding and sawing. Noncorrosive, nonflammable and chemically stable, it contains no hazardous substances. Greatly improves tool life, surface finish and hole quality. Lubricants have a long shelf life and are easily removed with water-based cleaners or isopropyl or denatured alcohol. Available in three textures: solid, liquid or paste.

Boelube Pastes and Solids are recommended for manual, hand-held applications. Boelube Liquids are recommended for both automatic, thru-the-tool, manual or hand-held applications.

QUANTITY DISCOUNTS AVAILABLE



Boelube® Paste (Blue Soft)

- 12 ounces
- Product # 70302-12

M&D: 17206



Boelube® Paste (Blue Medium)

- 12 ounces
- Product # 70307-12

M&D: 17209



Boelube® Paste (Pink Hard)

- 12 ounces
- Product # 70305-12

M&D: 17208



Boelube® Paste (Blue Medium)

- 4 ounces
- Product # 70307-L

M&D: 17223

MÁQUINAS NEUMÁTICAS Y ACCESORIOS PARA INSTALACIÓN DE HI-LOK /HI-LOK INSTALLATION RATCHET

Jiffy's new & improved design.



Jiffy® 20° Hi-Lok Ratchet Wrench (New & Improved Design)

This tool is used to install large numbers of Hi-Lok fasteners quickly and easily. The built-in, spring-loaded hex tip holder allows you to hold your®Hi-Lok fastener in place when installing non-interference fasteners. Select the socket size and hex tip from below (sold separately) that suits your application.

- Model: 20053-19992-15424
- Length: 12 1/2"
- 300 in. lbs. of torque
- RPM: 500
- Weight: 3.06 lbs.
- Made in USA

M&D: 20053



Jiffy® Snap Ring Replacement

M&D: 03831



Jiffy® Stall Hex Key Tips

WRENCH SOCKET		
TIP HEX	HEX	PART #
5/64"	1/4"	M&D: 18134
5/64"	1/2"	M&D: 18135
5/64"	1"	M&D: 18136
3/32"	1/4"	M&D: 18141
3/32"	1/2"	M&D: 18142
3/32"	1"	M&D: 18143
1/8"	1/4"	M&D: 18148
1/8"	1/2"	M&D: 18149
1/8"	1"	M&D: 18150



Jiffy® Stall Sockets

SOCKET LENGTH		
HEX	OF SOCKET	PART #
1/4"	1/4"	M&D: 12686
1/4"	1/2"	M&D: 12687
1/4"	1"	M&D: 14446
9/32"	1/4"	M&D: 12692
9/32"	1/2"	M&D: 12693
9/32"	1"	M&D: 12694
5/16"	1/4"	M&D: 12699
5/16"	1/2"	M&D: 12700
5/16"	1"	M&D: 14445
11/32"	1/4"	M&D: 12705
11/32"	1/2"	M&D: 12706
11/32"	1"	M&D: 12707
3/8"	1/4"	M&D: 12767
3/8"	1/2"	M&D: 12768
3/8"	1"	M&D: 12769
7/16"	1/4"	M&D: 12872
7/16"	1/2"	M&D: 12873
7/16"	1"	M&D: 12874

PISTOLAS DE SELLANTES / PISTOL GRIP SEALANT GUNS

Pistol Grip Sealant Gun with 6 oz. Retainer

Use this pneumatic pistol grip sealant gun to apply smooth, uniform material exactly where you want it. Includes body, 10 ft. hose and 6 oz. zinc-plated, corrosion-resistant retainer, to prevent cartridge split. Hanson-style air fitting on hose.

M&D: 16570



Pistol Grip Sealant Gun Combo

Includes body, 10 ft. hose, 6 oz. and 2 1/2 oz. retainers.

M&D: 16572

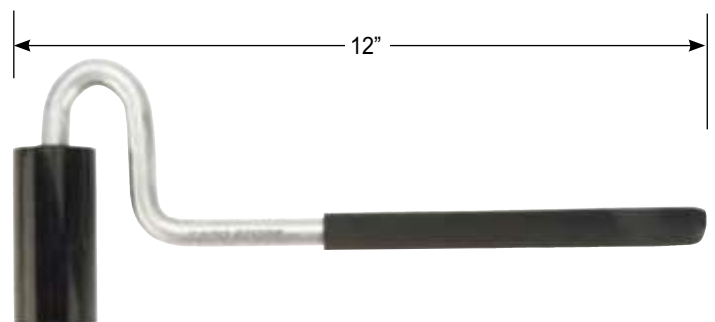


Pistol Grip Sealant Gun with 2 1/2 oz. Retainer

Use this pneumatic pistol grip sealant gun to apply smooth, uniform material exactly where you want it. Includes body, 10 ft. hose and 2 1/2 oz. zinc-plated, corrosion-resistant retainer, to prevent cartridge split. Hanson-style air fitting on hose.

M&D: 16571

Additional retainers or hoses may be ordered separately.



Sealant Roller

Lightweight, easy-to-use roller is designed to help put down sealant tape, allowing user to apply maximum pressure to make a leak-proof smooth seal. Rubber roller prevents damage to film and has an open end to easily wrap the roller with tape for easy clean up.

- Overall length: 12"
- Roller width: 3"
- Roller diameter: 1 3/8"

M&D: 14752



Nylon Sealant Roller

Designed to assist in applying sealant tape. Allows user to apply maximum pressure to make a leak-proof smooth seal. Nylon roller prevents damage to film. Unit is lightweight and easy to use.

- Made in USA
- Roller width: 2"
- Roller Diameter: 1 1/4"

M&D: 14750

PISTOLAS DE SELLANTES / SEALANT GUNS

Sealant Gun with 6 oz. Retainer

Spread sealant smoothly, uniformly and exactly where you want it with this air-powered, lever-controlled sealant gun. Package includes body, 10 ft. hose and 6 oz. zinc-plated, corrosion-resistant retainer to prevent cartridge split. Hose has Hanson-style air fitting.

M&D: 16573



Sealant Gun with 2 1/2 oz. Retainer

This air-powered sealant gun allows smooth, uniform material flow exactly where you want it. Includes body, 10 ft. hose and 2-1/2 oz. zinc-plated, corrosion-resistant retainer, to prevent cartridge split. Hanson-style air fitting on hose.

M&D: 16574



Sealant Gun Combo

Spread sealant smoothly, uniformly and exactly where you want it with this air-powered sealant gun. Combo includes body, 10 ft. hose and two common retainer sizes: 6 oz. and 2-1/2 oz.

M&D: 16575



2 1/2 oz. Retainer

M&D: 90010



6 oz. Retainer

M&D: 90006

10 ft. Replacement Hose

Fits most major brands of sealant guns.

M&D: 16504



Brass Sealant Spoon

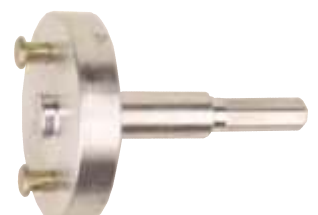
Spread sealant over a variety of materials without the danger of fire with this spoon made of non-sparking brass.

DESCRIPTION	PART #
Spoon (1-9)	M&D: 60810
Spoon (10 or more)	M&D: 60810

Sealant Mixer

Slide this 1/4" shank mixer into your drill to easily mix SEMKPT sealant tubes.

M&D: 16510



JUEGO DE ESPÁTULAS PARA SELLANTES / SEALANT SPATULAS

Sealant Spatulas 3 piece Set with Plastic Case

Contains three 7 1/4" long spatulas made of Nylon plastic which is more chemically resistant in using with solvents.

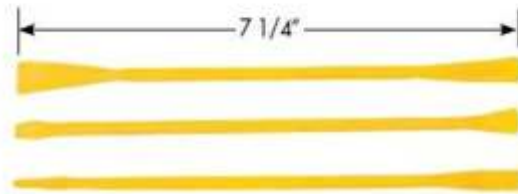
Sizes:

7 1/4" long with two spatula tip sizes, 1/8" and 5/16"

7 1/4" long with two spatula tip sizes, 3/8" and 3/16"

7 1/4" long with two spatula tip sizes, 3/8" and 1/2"

M&D: 16582



Tension Clamp

Operated with cleco pliers, tension clamps attach faster and easier than regular C-clamps. Because they're spring-operated, they apply uniform pressure, something difficult with hand-tightened screw clamps.

- Gap: 0" to 1/2"
- Reach: 1 3/4"

M&D: 14070



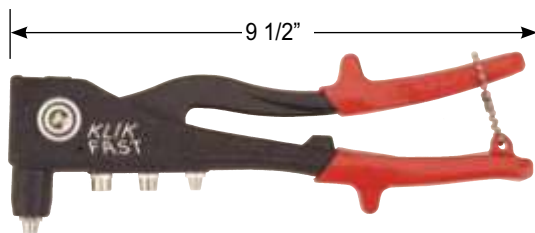
Side-Grip Cleco Clamps

These spring-loaded, plier-operated clamps are designed to grip at the edge of work areas while eliminating over tightening and minimizing surface marring. Ideal for holding together all types of material, they are an excellent tool to use during riveting, welding, bonding, sealing or gluing.



SIZE	PART #
3/4" x 1/2"	M&D: 11091
3/4" x 1"	M&D: 11092

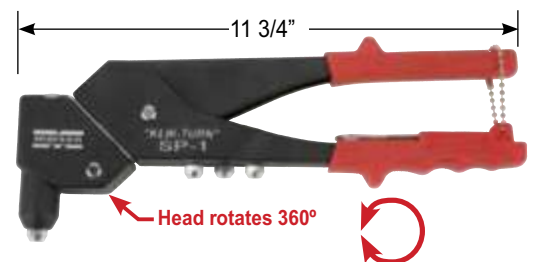
HAND POP RIVETERS



Heavy-Duty Hand Pop Riveter

Put a pop rivet into the nosepiece, slide the rivet shaft into a hole, squeeze the vinyl-gripped handle and – snap – you've set your rivet. Riveter includes interchangeable nosepieces for 3/32", 1/8", 5/32" and 3/16" rivets and a steel nosepiece insert for longer tool life. Replacement jaws are available.

M&D: 14231

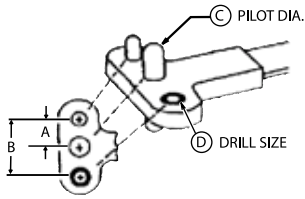


Heavy-Duty Hand Pop Riveter with Swivel Head

The 360-degree swiveling head and extended nose of this riveter permit access to hard-to-reach spots. The tool, made of die-cast aluminum and hardened steel, has a vinyl grip and includes interchangeable nosepieces for 3/32", 1/8", 5/32" and 3/16" rivets. Replacement jaws are available.

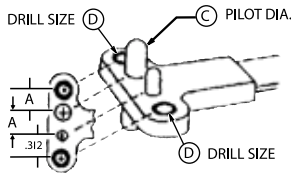
M&D: 13708

TWO LUG DOUBLE WING STANDARD



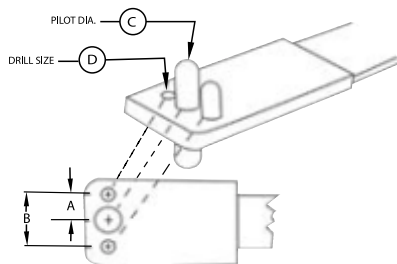
• Made in USA

SINGLE WING STANDARD

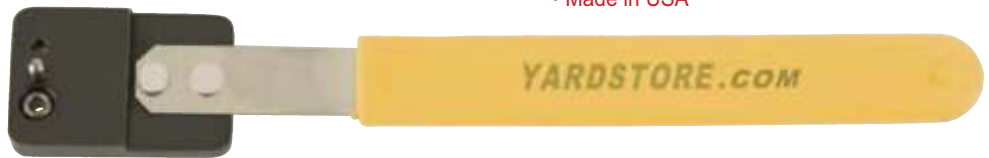


PART #	STYLE 1 (2 Lug)	NUT THREAD PREF.	A	B	C	D
M&D: 41100	518-A	#6	.344	.688	.139	#40
M&D: 41101	518-B	#8	.344	.688	.164	#40
M&D: 41102	518-C	#10	.344	.688	.191	#40
M&D: 41103	518-D	1/4"	.500	1.000	.248	#40

PART #	STYLE 1 (Single Wing)	NUT THREAD PREF.	A	C	D
M&D: 41106	518-G	#6	.344	.139	#40
M&D: 41107	518-H	#8	.344	.164	#40
M&D: 41108	518-J	#10	.344	.191	#40
M&D: 41109	518-K	1/4"	.344	.248	#40



TWO LUG DOUBLE WING MINIATURE



• Made in USA

PART #	STYLE 2 (2 Lug)	NUT THREAD PREF.	'A' DIM.	'B' DIM.	'C' DIM.	'D' DIM.
41130	518-NA	#4	.203	.406	.112	#40
41131	518-NB	#6	.218	.436	.139	#40
41132	518-NC	#8	.234	.468	.164	#40
41133	518-ND	#10	.250	.500	.191	#40
41134	518-NE	1/4"	.281	.562	.248	#40

CINTAS PARA REMACHADO

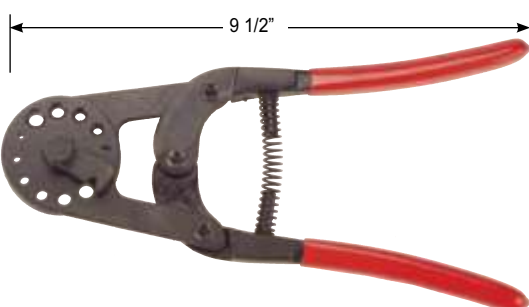
Rivet Tape

Use rivet tape to install multiple rivets in an assembly. The tape is placed over the heads of rivets to hold them in place during riveting. After rivets are driven, the tape is removed, leaving no adhesive behind on rivet heads or components. Tape is thin and flexible enough to not get in the way of tools. Rivet tape is a tough polyester film with colored adhesive coating on the outside edges; center section has no adhesive and is clear so you can easily see the rivets.



SIZE	PART #
3/4" x 36 yds.	14307
1" x 36 yds.	14305

CORTA REMACHES



Rivet Cutter

This heavy-duty rotary cutter is designed to quickly and easily shear aluminum rivets. Just insert the rivet into the correct-sized hole and set to desired length; adjustable for 1/4" to 3/4" long rivets in 1/16" increments. Cuts diameters of 3/32", 1/8", 5/32", 3/16", 7/32" and 1/4".

Part #14009

Aviation Snips

For heavy-duty aviation use, these snips have a safety latch for easy storage. Choose from right, left or straight-cut models, or buy all of them in a 3-piece set.



RIGHT CUT



STRAIGHT CUT



LEFT CUT

Individual Piece	
CUT	PART #
Right (green handle)	M&D: 14024
Left (red handle)	M&D: 14023
Straight (yellow handle)	M&D: 14025

ASPIRADORAS

Aluminum Body Air Vac

This classic style aluminum body vacuum features a locking trigger and 12" flexible hose that reaches into difficult spots. Featuring a Venturi-type design and operating off standard shop air, this mini-vac has excellent sucking power. Includes air fitting, bag and bag clip.



M&D: 12169

Plastic Body Air Vac

This popular mini-vac features a Venturi-type design, 12" flexible hose and great sucking power that will clean up nuts, bolts, rivets, sand, metal chips and most any mess you can make. Includes air fitting, bag and bag clip. Operates off standard shop air.

• Made in USA



M&D: 12151

Replacement Bag & Clip

Bag and clip fits all air vacs we carry.

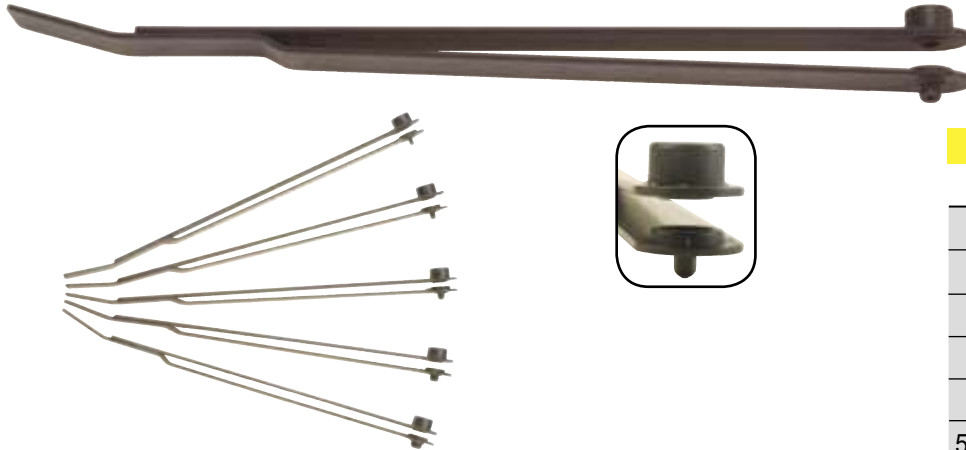
M&D: 2164



Bushing-Type Strap Duplicators

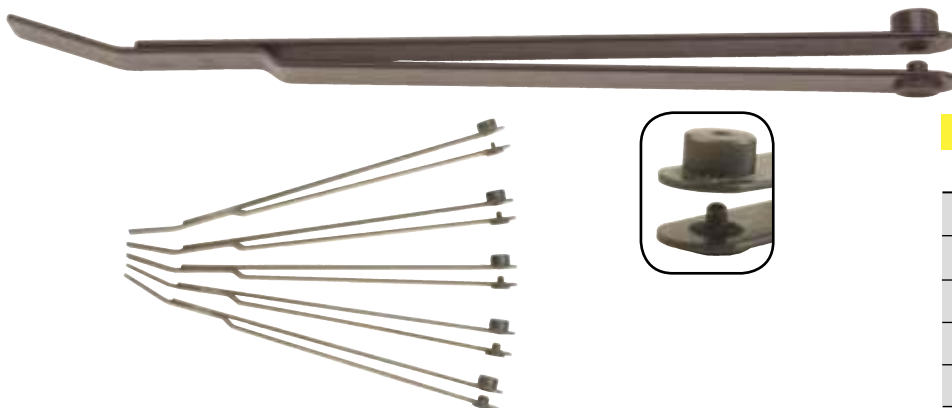
Our hole finders eliminate the guesswork from a task demanding precision – drilling a hole in one layer of sheet metal that matches up precisely with an existing hole in another layer. Simply fit the pilot pin to the existing hole and drill through the guide hole of the other strap into the new material and you'll have a rivet-ready match. The end of the handle doubles as a convenient tool for prying sheets of metal apart. Can't pry sheets apart? Then use our "inverted" finders.

Buy them individually or save big buying in kits.



6" STANDARD

SIZE	PART #
#40	M&D: 13055
#30	M&D: 13056
#21	M&D: 13057
#10	M&D: 13058
1/4"	M&D: 13059
5-Piece set	M&D: 13060



6" INVERTED

SIZE	PART #
#40	M&D: 13063
#30	M&D: 13064
#21	M&D: 13065
#10	M&D: 13066
1/4"	M&D: 13067
5-Piece set	M&D: 13062



13" STANDARD

SIZE	PART #
#40	M&D: 13221
#30	M&D: 13222
#21	M&D: 13223
#10	M&D: 13224
1/4"	M&D: 13225
5-Piece set	M&D: 13230

Standard Adjustable Crimp Tool

Upper Range Crimp Tool AF8 M22520/1-01 W2

The W2, qualified to MIL-DTL-22520/1, has virtually limitless application within the specified wire range of 12AWG (3.33mm²) through 26AWG (0.128mm²). Over a thousand turret heads are available to adapt the tool frame to your specific military or proprietary contact/wire combination. The 8 impression crimp, which is standard in the W2, assures absolute maximum tensile strength with almost every closed barrel contact. Special indent configurations and gaging are available upon request. This tool is available in a **pneumatic version**, P/N: W2Q.



Model: W2A (AF8) M22520/1-01 W2-TH Series W2-UH2-5 M22520/1-05 W2-D



Positioner:	-	Turret TH Series	UH2-5 Positioner	Deutsch Positioner
Range:	12-26AWG	12-26AWG	12-26AWG	12-26AWG
Size:	9 3/4"x 2 1/2"x 1 1/4"	9 3/4"x 2 1/2"x 1 1/4"	9 3/4"x 2 1/2"x 1 1/4"	9 3/4"x 2 1/2"x 1 1/4"
Weight:	550g	670g	650g	560g
Crimp type:	8 impression crimp	8 impression crimp	8 impression crimp	8 impression crimp

Miniature Adjustable Crimp Tools

Lower Range Crimp Tool AFM8 M22520/2-01 W1

Qualified to MIL-DTL-22520/2, the W1 is designed for most of the miniature and sub-miniature connector types that are so widely used in electronic systems. The W1 meets the need for a miniature tool accommodating wire sizes 20AWG (0.52mm²) to 32 AWG (0.0316mm²); the materials contact body is made of copper alloy materials by partial annealing. This tool is available in a **pneumatic version**, P/N: **W1Q**.

Model: W1A (AFM8) M22520/2-01
Positioner: -
Range: 20-32AWG
Length: 3"
Weight: 300g
Crimp type: 8 impression crimp



W1-SK2/2: With SK2/2 Adjustable Positioner

Middle Range Indent Crimp Tool MH860 M22520/7-01 W7

This W7(MH860) Super Mini heavy duty connector crimping tools to meet the U.S. military standard (M22520/7-01) the wire contact body crimp in the electrical connector requirements. The range of the crimping pliers to connect the wire standard wire 16AWG (1.32mm²) to 28AWG (0.08mm²), #16-22 contact body. The material of the contact body for the copper alloy material after the partial annealing. This tool is available in a **pneumatic version**, P/N: **W7Q**.

Model: W7A (MH860) M22520/7-01
Positoner -
Range: 16-28AWG
Length: 3"
Weight: 300g
Crimp type: 8 impression crimp



W7- 86-37: With 86-37 Adjustable Positioner

Mid-Current Range Adjustable Indent Crimp Tools

M309/M300 Hand Crimping Tools

For power supply and power management applications, M309/M300 Industrial Mid-Current Range Adjustable Crimp Tools which have virtually limitless applications within the specified wire range of 6 through 18 AWG.

The tools are used widely in the marine, rail, power generation, solar, and heavy transportation industries.

Model:	M309	M300
Positoner	-	-
Range:	8-18AWG (8 mm ² -0.8mm ²)	6-14AWG (13 mm ² -2mm ²)
Length:	9 3/4"x 2 1/2"x 1 1/4"	9 3/4"x 2 1/2"x 1 1/4"
Weight:	600g	600g
Crimp type:	8 impression crimp	8 impression crimp
Pneumatic Version:	W3Q	W4Q
Remark	DMC M309	DMC M300BT



W3/W4 Hand Crimping Tools

W3/W4 hand crimp tools with subdividing selector NO. Developed for the customers who have high requirements for selector number, its indenter design is the same with M309/M300, but its crimp selector number is subdivision and combination beyond W2. It is convenient for customers to use.

Model:	W3	W4
Range:	10-14AWG	8-12AWG
Length:	9 3/4"x 2 1/2"x 1 1/4"	9 3/4"x 2 1/2"x 1 1/4"
Weight:	560g	560g
Crimp type:	8 impression crimp	8 impression crimp
Remark	Design of indenter same with M309	Design of indenter same with M300



Special Application Indent Crimp Tools

Fine Tipped Indenter Tools MH835&MH992

The MH835&MH992 tools are similar to the AFM8 miniature adjustable indent crimp tool, but have sharper indenter tips measuring .07 inches. MH992 Specifically targeted at micro contacts and wires with more fine crimping settings and smaller pressure points, it can be applied in the crimping of 36AWG wires and contacts. MH835 is under developing, will coming soon.

Model:	MH835	MH992
Range:	0.0070"-0.0325"	0.0070"-0.0330"
Length:	3"	3"
Weight:	300g	300g
Crimp type:	8 impression crimp	8 impression crimp



Ultra Precision Crimp Tool MH800

MH800 Ultra Precision Crimp Tool which utilizes the same basic components as the AFM8 (M22520/2-01) Crimp Tool with tighter gaging tolerances and a special indenter tip configuration that assures a uniform flow of metal during the crimping operation.

Model:	MH800
Range:	20-32AWG
Length:	3"
Weight:	300g
Crimp type:	8 impression crimp



MIL Spec Circular Indent Crimp Tools

GS100-1&GS200-1 is Outer Contact

Crimp Tool for MIL-PRF-38999 use. MH801, MH802, MH803, MH804, GS100-1, GS200-1 Special Crimp Tool series with new tool design, the design of certain shielded contacts requires two additional crimping operations. One for the shield crimp sleeve, the other for the outer body. All of the tools give a concentric circular crimp configuration required by certain shielded contacts to insure compatibility with connector inserts and installing or removal tools in rear release applications, and/or maintain consistent electric impedance.

Model:	GS100-1	GS200-1
Size:	9 3/4"x2 1/2"x 1 1/4"	
Weight:	425g	560g
Range:	16AWG	12AWG



Circular Indent Crimp Tools GS222

Circular Indent Crimp Tools used primarily for outer shield terminations in contacts. These tools are capable of crimping a circle as small as 0.040" and as large as 0.262". Due to the nature of crimping a complete circle, with four equal segments each tool is specified for a certain diameter.

Model:	GS222
Range:	0.096"-0.0100"
Size:	9 3/4"x2 1/2"x 1 1/4"
Weight:	670g
Crimp type:	Circle indent crimp



Open Frame Crimp Tool

W5 is compatible with the M22520/5-01 which is widely used for crimping all kinds of ferrules, coaxial connectors, contacts, coalitions and wire terminal blocks. Interchangeable dies can be installed and fixed in a proper position with pins. If your application requirement is not already covered by one of our standard dies, our engineering department will be pleased to discuss a design to suit your needs.

Model: HX3 HX4 W5
Length: 9" 11"
Weight: 312g 680g



IWS-T0 Series Hand/Pneumatic Crimp Tool (Test Probe 0#, 00#, 000# applied)

The crimp tool was developed for electronic product test probes. It is suitable for the crimping of miniature needle sleeve and wires which can provide fast, low-cost, high-reliability connections. TZ0 is suitable for the use of 0 # test needle set, its series products including TZ00 TZ000, TZ0000 which are suitable for the crimping of 00 #, 000 #, 0000 # test needle set. It can minimum to crimp AWG32 (0.0316 mm²) wires. This tool is available in a **pneumatic version**, P/N: IWS-T0Q.

Model: IWS-T0
Min Range: 32AWG
Length: 3"
Weight: 300g
Crimp type: 8 impression crimp



IWS-X Circular Hand/Pneumatic Crimp Tool (Fixture wire spring hole)

The tool was developed the connection of spring socket and contacts in the line spring hole contacts production process. It adopts annular crimping way to make the connection of casing and contacts which will improve the reliability of contact plug. This tool is available in a **pneumatic version**, P/N: IWS-XQ.

Model: IWS-X
Length: 6 3/4"
Weight: 285g
Crimp type: Circular crimp



REMACHADORAS DE IMPACTO / RIVET GUNS

Elija su pistola según el tamaño del remache que manejará, de 3/32 "a 1/4". Cada arma tiene un sensor afinado y un sensible gatillo que le permite comenzar a remachar lentamente sin temor a lastimarse, un mango de aluminio liviano para mayor comodidad y un endurecido pistón de acero de precisión, cilindro y válvula de carrete para una larga vida útil.

• REMACHADORAS DE IMPACTO

MODELO	2X	3X	4X
CODIGO	MD14532	MD14533	MD14534
SHANK	.401	.401	.401
BPM	2580	2160	1740
PESO	3.1 lbs	3.2 lbs	3.4 lbs
LARGO	6"	6 3/8"	7 1/2"
CAPACIDAD DE REMACHE	5/32"	3/16"	1/4"
INCLUYE	Manguera y Regulador de Aire	Manguera y Regulador de Aire	Manguera y Regulador de Aire



- Fabricado en USA
- Solo para remaches de aluminio

• REMACHADORAS DE IMPACTO ACAT

MODELO	ACAT CORNER	ACAT 2X	ACAT 3X	ACAT 4X	ACAT 5X	ACAT 7X	ACAT 9X
CODIGO	MD12000	MD12001	MD12002	MD12003	MD12705	MD12007	MD12004
SHANK	.401	.401	.401	.401	.498	.498	.498
BPM	2700	2580	2160	1740	1500	900	1140
PESO	2.628 lbs	3.12 lbs	3.25 lbs	3.5 lbs	5 lbs	5.5 lbs	5.5 lbs
LARGO	4 1/4"	6"	6 1/2"	7 5/8"	8"	11"	8 3/4"
CAPACIDAD DE REMACHE	3/16"	5/32"	3/16"	1/4"	1/4" aluminio 3/16" acero	3/8" aluminio 5/16" acero	5/16" aluminio 1/4" acero
INCLUYE	Manguera y Regulador de Aire	Manguera y Regulador de Aire	Manguera y Regulador de Aire	Manguera y Regulador de Aire	Manguera	Manguera	Manguera



MD12000



MD12003



MD12007

REMACHADORAS GAGE BILT® / GAGE BILT® PNEUMATIC

• GAGE BILT® GB704

Código : MD18000

Este instalador neumático-hidráulico CherryMax® de la serie GB704 está diseñado específicamente para la instalación eficiente de una amplia gama de remaches de estilo CherryMax®. Se puede operar en cualquier posición con una mano. Los conjuntos de tracción Bilt® son intercambiables

Peso: 4.3 lbs

Carga: 3,300 lbs

Golpeo: .540"

Fabricado en USA



• GAGE BILT® GB784

Código : MD18320

La GB784 es una herramienta neumática-hidráulica diseñada específicamente para la instalación eficiente de la serie 2000 Cherrylock® remaches NAS1398, NAS1399, NAS1738 y NAS1739. Se puede operar en cualquier posición con una mano. Tiene un .900 "golpe de ajuste del remache y una carga nominal de 2650 lbs. con una presión de aire de 90 psi en la entrada de aire.

ESPECIFICACIONES:

- Acepta conjuntos de mordazas de la serie 681 de Gage Bilt® y Cherry®
- Hydroshift para remaches de doble acción
- Peso: 8 lbs.
- Carga: 2,650 lbs.
- Golpeo: .940 "

APLICACIONES:

- Remaches ciegos aeroespaciales
- Serie NAS 1400 a través de aluminio de 1/4 "
- Serie NAS 1740 a través de 3/16 "



• GAGE BILT® GB731

Código : MD18300

La GB731 es una herramienta neumática-hidráulica diseñada específicamente para la instalación eficiente de una amplia gama de remaches ciegos y lockbolts. Se puede operar en cualquier posición con una mano. Tiene un golpe de ajuste de remache de .600 "y una carga de tiro nominal de 4800 libras a una presión de aire de 90 psi en la entrada de aire. Debido al ajuste y acabado de los componentes internos (muchas menos piezas que otras herramientas similares), el GB731 minimiza la fuga de fluido .

ESPECIFICACIONES:

- Acepta 3/4" de diámetro Gage Bilt® y Huck®
- Retorno hidráulico
- Peso: 5.75 lbs.
- Carga: 4,800 lbs.
- Golpeo: .600 "

APLICACIONES:

- Lockbolts a través de 1/4 "
- Remaches ciegos aeroespaciales y comerciales hasta 1/4 "



• GAGE BILT® GB752

Código : MD18019

La GB752 es una herramienta neumática-hidráulica diseñada específicamente para la instalación eficiente de una amplia gama de remaches ciegos, lockbolts, remaches MAX y bolts ciegos. Se puede operar en cualquier posición con una mano. Tiene un golpe de ajuste de remache de .500 "y una carga de tiro nominal de 3800 libras a una presión de aire de 90 psi en la entrada de aire.

ESPECIFICACIONES:

- Acepta 3/4 "de diámetro Gage Bilt® y Huck®
- Peso: 4.75 lbs.
- Carga: 3,800 lbs.
- Golpeo: .500 "

APLICACIONES:

- Remaches ciegos comerciales y aeroespaciales a través de 1/4 "
- Lockbolts a través de 1/4 "
- Remaches MAX a través de 1/4 "
- Bolts ciegos hasta 3/16 "



BOQUILLAS & ACCESORIOS GAGE BILT®/NOSE ASSEMBLIES

- BOQUILLA 456MAX-701-17



Código : MD18006

- EXTENSION

Código : MD18010

Código : MD18011

Código : MD18012

2"

4"

6"



- BOQUILLA 456MAX-704-54RA



Código : MD18007

- REPUESTO GB704 MANDIBULAS

Código : MD18026



- BOQUILLA 456MAX-704-43OS



Código : MD18008

- REPUESTO BOQUILLA GB 456MAX-704-43OS

Código : MD18150



REMACHADORAS AIR CAPITAL / ACAT PNEUMATIC

- ACAT 3/16"

Código : MD12603

Si necesita extraer muchos remaches, esta herramienta es la respuesta. Ideal para trabajos de producción pesados. Incluye llaves y 4 piezas de nariz para tirar 3/32 ", 1/8", 5/32 "y 3/16" remaches.

Las mordazas de reemplazo están disponibles.

Note: This tool is not designed to pull Cherry style rivets.



- ACAT 1/4"

Código : MD12604

Esta es similar pero más grande que nuestro modelo MD12603 pero también extrae remaches pop de 1/4 ". Incluye llaves, un juego adicional de mordazas y 6 boquillas para remaches de 3/32", 1/8", 5/32", 3/16", 5/64" y 1/4".

Mandíbulas de reemplazo disponibles

Note: This tool is not designed to pull Cherry style rivets.



REMACHADORAS GAGE BILT® / GAGE BILT® PNEUMATIC

- **GAGE BILT® GB722TCKL TRAILER & CAB KIT**

Código : MD18024

Este kit de instalación de remaches ciegos y lockbolt está diseñado especialmente para la fabricación de camiones y remolques e instalaciones de mantenimiento.

El kit incluye:

- Herramienta de instalación Gage Bilt® GB722.
- Boquilla LB06-722-20 para instalar 3/16 " lockbolts y bolts de acero inoxidable.
- Boquilla MG06-722-60 para instalar Magna-Grip® de 3/16 " cerrojos.
- Boquilla MG08-722-20 para instalar 1/4 "Magna-Grip® lockbolts.
- Boquilla MGLC68-752A-21 (con dos puntas) para instalar remaches ciegos Magna-Lok® de 3/16 "y 1/4".
- Bolsa Gage Bilt®
- Estuche de transporte de metal.



- **GAGE BILT® GB704RK-1 RIVETER KIT**

Código : MD18001

Kit de herramientas completo para instalar Huck® y Remaches ciegos Cherry® según NAS9301-NAS9312, M7885, BACR15FP / GK.

Este kit contiene el remachador GB704, recto, ángulo recto y boquillas acodadas para instalar remaches de - 4, -5 y -6

de diámetro, botella de purga, bolsa recogedora y

un medidor selector de agarre.

Todos los artículos se almacenan en un

estuche de mano que incluye hojas de datos,

herramientas powermax y tarjeta de bolsillo.

Peso: 4.3 lbs

Carga: 3,300 lbs @ 90 PSI

Golpeo: .540"



REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRYMAX® G747

Código : MD69079

Diseñado con muchas características ergonómicas, su peso ligero permite al usuario operarlo con una mano en cualquier posición. Esta herramienta utiliza cabezas de tracción rectas, desplazadas y en ángulo recto, todas las cuales pueden instalar remaches tipo bulbo CherryMax® de 1/8", 5/32" y 3/16" de diámetro en todos los estilos de cabezal, materiales y longitudes de agarre.

G747 Pulling Heads					
Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H701B-456	Straight	—	CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
			SST	1/8", 5/32", 3/16" **	All
H747-3NPR	Straight	—	Nut Plate	3/32"	-4 *
			CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4
H753A-456	Right Angle	—	SST	1/8", 5/32", 3/16" **	All
			CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4
H781A-456 H782 †	Offset	—	SST	1/8", 5/32", 3/16" **	All
			CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
H9015-3C	Straight	704A9	MS / Nut Plate ††	3/32"	-4 *
H9015-4C	Straight	704A9	MS / Nut Plate ††	1/8"	-4 *
H9015-5C	Straight	704A9	MS / Nut Plate ††	5/32"	-4 *
H9015-6C	Straight	704A9	MS / Nut Plate ††	3/16"	-4 *
H955-3	Straight	—	CherryLOCK 'A' ***	3/32"	-4 *
H955-4	Straight	—	CherryLOCK 'A' ***	1/8"	-4 *
H955-5	Straight	—	CherryLOCK 'A' ***	5/32"	-4 *
H955-6	Straight	—	CherryLOCK 'A' ***	3/16"	-4 *
H746-4MBC	Straight	—	Std. MBC	1/8"	-4 *
H746-5MBC	Straight	—	Std. MBC	5/32"	-4 *
H746-6MBC	Straight	—	Std. MBC	3/16"	-4 *

* May be double stroked for longer grips. ** Nominal and oversize.
 *** When installing CherryLOCK 'A' rivets, the proper diameter pulling head must be used.
 † Will not install 3/16" diameter aluminum (stainless steel & monel only). †† Serrated stems only.
 † See page 114 for more information on H782 pulling head and interchangeable nosepieces.

Peso: 3.5 lbs

Fuerza de tracción: 2,100 lbs @ 90 PSI



• CHERRYMAX® 704B

Código : MD12087

Diseñada específicamente para una amplia gama de remaches de estilo CherryMax®, esta poderosa herramienta puede operarse en cualquier posición con una sola mano. Una boquilla puede instalar los tres diámetros (1/8", 5/32", 3/16"). Los conjuntos de tracción CherryMax® y Gage Bilt® son intercambiables.

G704B Pulling Heads					
Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H701B-456	Straight	—	CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
			MBC L/C	1/8", 5/32", 3/16"	-4 *
			SST	1/8", 5/32", 3/16" **	All
H753A-456	Right Angle	—	CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4
			SST	1/8", 5/32", 3/16" **	All
H781A-456 H782 †	Offset	—	CherryMAX	1/8", 5/32", 3/16" **	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
			SST	1/8", 5/32", 3/16" **	All
H9015-3C	Straight	704A9	MS ††	3/32"	-4 *
H9015-4C	Straight	704A9	MS ††	1/8"	-4 *
H9015-5C	Straight	704A9	MS ††	5/32"	-4 *
H9015-6C	Straight	704A9	MS ††	3/16"	-4 *
H955-3	Straight	—	CherryLOCK 'A'	3/32" †	-4 *
H955-4	Straight	—	CherryLOCK 'A'	1/8" †	-4 *
H955-5	Straight	—	CherryLOCK 'A'	5/32" †	-4 *
H955-6	Straight	—	CherryLOCK 'A'	3/16" †	-4 *
H746A-4MBC	Straight	—	Std. MBC	1/8"	-4 *
H746A-5MBC	Straight	—	Std. MBC	5/32"	-4 *
H746A-6MBC	Straight	—	Std. MBC	3/16"	-4 *

* May be double stroked for longer grips. ** Nominal and oversize.
 † Will not install 3/16" diameter aluminum (stainless steel & monel only). †† Serrated stems only.
 † See page 114 for more information on H782 pulling head and interchangeable nosepieces.

Peso: 4.3 lbs

Fuerza de tracción: 3,136 lbs @ 90 PSI



REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRYMAX® G704B-SR & G704B-40SH

Las remachadoras divididas CherryMAX G704B-SR y G704B-40SH fueron diseñados específicamente para la instalación de remaches CherryMAX en aplicaciones con acceso extremadamente limitado.

La herramienta transmite energía desde la unidad de potencia a través de una manguera flexible a una cabeza pequeña y liviana. Al utilizar el cabezal de extracción adecuado, los problemas de diseño y la fatiga del operador se pueden reducir considerablemente.

El modelo SR está equipado con una manguera de tres pies y el modelo 40SH está equipado con una manguera de ocho pies.

Peso: 4.5 lbs

Fuerza de tracción: 3,136 lbs @ 90 PSI



Código : MD69073

Peso: 4.5 lbs

Fuerza de tracción: 3,136 lbs @ 90 PSI



Código : MD69074

Part Number	Head Style	Rivet Type	Rivet Diameters	Max. Grip
H701B-456	Straight	CherryMAX	1/8", 5/32", 3/16" **	All
		CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
		MBC L/C	1/8", 5/32", 3/16"	-4 *
		SST	1/8", 5/32", 3/16" **	All
H753A-456	Right Angle	CherryMAX	1/8", 5/32", 3/16" **	All
		CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4
		SST	1/8", 5/32", 3/16" **	All
		SST	1/8", 5/32", 3/16" **	All
H781A-456	Offset	CherryMAX	1/8", 5/32", 3/16" **	All
		CherryMAX 'AB'	1/8", 5/32", 3/16" †	-4 *
		SST	1/8", 5/32", 3/16" **	All

Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H9015-3C	Straight	704A9	MS ††	3/32"	-4 *
H9015-4C	Straight	704A9	MS ††	1/8"	-4 *
H9015-5C	Straight	704A9	MS ††	5/32"	-4 *
H9015-6C	Straight	704A9	MS ††	3/16"	-4 *
H955-3	Straight	—	CherryLOCK 'A'	3/32" †	-4 *
H955-4	Straight	—	CherryLOCK 'A'	1/8" †	-4 *
H955-5	Straight	—	CherryLOCK 'A'	5/32" †	-4 *
H955-6	Straight	—	CherryLOCK 'A'	3/16" †	-4 *
H746A-4MBC	Straight	—	Std. MBC	1/8"	-4 *
H746A-5MBC	Straight	—	Std. MBC	5/32"	-4 *
H746A-6MBC	Straight	—	Std. MBC	3/16"	-4 *

* May be double stroked for longer grips. ** Nominal and oversize.

† Will not install 3/16" diameter aluminum (stainless steel & monel only). †† Serrated stems only.

REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRY® G746A POWER RIVETER

Código : MD69076

La G746A es una herramienta neumática-hidráulica diseñada específicamente para la instalación de CherryMAX Bulb, CherryMAX 'AB' y CherryLOCK 'A'. Su carcasa duradera de metal hace que esta herramienta sea ideal para su uso en entornos agresivos. Esta herramienta utiliza cabezales de tracción rectos, desplazados y en ángulo recto.

Peso: 4.25 lbs

Fuerza de tracción: 1,850 lbs @ 90 PSI

Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H701B-456	Straight	—	CherryMAX	1/8", 5/32", 3/16" ** †††	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" ***	-9 *
			MBC L/C	1/8", 5/32", 3/16"	-9 *
			SST	1/8", 5/32", 3/16" **	All
H753A-456	Right Angle	—	CherryMAX	1/8", 5/32", 3/16" ** †††	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" ***	-4
			SST	1/8", 5/32", 3/16" **	All
H781A-456 H782 †	Offset	—	CherryMAX	1/8", 5/32", 3/16" ** †††	All
			CherryMAX 'AB'	1/8", 5/32", 3/16" ***	-4 *
			SST	1/8", 5/32", 3/16" **	All
H9015-3C	Straight	704A9	MS ††	3/32"	All
H9015-4C	Straight	704A9	MS ††	1/8"	All
H9015-5C	Straight	704A9	MS ††	5/32"	All
H9015-6C	Straight	704A9	MS ††	3/16"	All
H955-3	Straight	—	CherryLOCK 'A'	3/32"	-9 *
H955-4	Straight	—	CherryLOCK 'A'	1/8"	-9 *
H955-5	Straight	—	CherryLOCK 'A'	5/32"	-9 *
H955-6	Straight	—	CherryLOCK 'A'	3/16"	-9 *
H746-4MBC	Straight	—	Std. MBC	1/8"	All
H746-5MBC	Straight	—	Std. MBC	5/32"	All
H746-6MBC	Straight	—	Std. MBC	3/16"	All

* May be double stroked for longer grips. ** Nominal and oversize.

*** When installing CherryLOCK 'A' rivets, the proper diameter pulling head must be used.

††† Serrated stems only. ††† Will not install 3/16" diameter Inconel 600 rivets.

† See page 114 for more information on H782 pulling head and interchangeable nosepieces.



• CHERRY® G784 HYDRO-SHIFT RIVETER

Código : MD69080

Específicamente diseñado para la instalación más eficiente de los remaches CherryLOCK®. Su carcasa duradera de metal hace que esta herramienta sea extremadamente robusta para su uso en un entorno de tienda. Instalará casi todos los diámetros de los remaches CherryLOCK® de hasta media pulgada, solo en el grupo "A". Esta poderosa herramienta ha sido diseñada con muchas características ergonómicas: menor peso, menos retroceso, bajo ruido y un ajuste cómodo en la mano del operador.

Peso: 8 lbs

Fuerza de tracción: 2,600 lbs @ 90 PSI

G784 Pulling Heads For Standard CherryLOCK Rivets (NAS1398 & 1399)							
Rivet Part Number		CR2163 CR2263	CR2162 CR2164 † CR2262	CR2563	CR2562 CR2564 †	CR2643 CR2653 CR2663	CR2642 CR2652 CR2662 CR2664 † CR2644 †
Pulling Head	Rivet Dia.	Aluminum Univ. Head	Aluminum Ctsk. Head	Monel Univ. Head	Monel Ctsk. Head	St. Steel Univ. Head	St. Steel Ctsk. Head
H681-3C	-3	—	—	—	—	All	All
H681-4C	-4	All	All	All	All	All	All
H681-5C	-5	-8	-9	-8	-9	-8	-9
H681-6C	-6	-8	-9	-8	-9	-8	-9
H681-8C	-8	-8	-9	-8	-9	—	—

G784 Pulling Heads For Bulbed CherryLOCK Rivets (NAS1738 & 1739)								
Rivet Part Number		CR2235 *	CR2239	CR2238	CR2539	CR2538	CR2639	CR2638
		CR2245 *	CR2249					
Pulling Head	Rivet Dia.	Aluminum Univ. Head	Aluminum Ctsk. Head	Monel Univ. Head	Monel Ctsk. Head	Inconel Univ. Head	Inconel Ctsk. Head	
H681-4C	-4	All	All	All	All	All	All	All
H681-5C	-5	All	All	All	All	All	All	All
H681-6C	-6	All	All	All	All	All	All	All

Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H680B200A	Straight	—	CherryMAX	1/8", 5/32", 3/16"	All
H680B208	Straight	—	CherryMAX	1/4"	All
H753A-456	Right Angle	680B205	CherryMAX	1/8", 5/32", 3/16"	All
H781A-456	Offset	680B205	CherryMAX	1/8", 5/32", 3/16"	All

† Use part no. H681-() JS * Use part no. H681B166-() ** Use part no. H681-() JF

*** The G784 riveter will also accept pulling heads to install CherryLOCK 'A' rivets (680B46 adapter required) and MS rivets (680B46 or 680B57 adapter required), please see page 118.



REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRY® G702A POWER RIVETER

Código : MD69071

La G702A es una herramienta neumática-hidráulica diseñada para la instalación de remaches de tuercas. Su carcasa duradera de metal hace que esta herramienta sea ideal para su uso en entornos agresivos.

El cabezal de tracción H702-3NPR se adapta directamente a la herramienta para instalar remaches de placa de tuerca de -3, -4.2 mm y 3 mm.

- La cabeza en ángulo de 10 ° permite al usuario trabajar con una posición natural de la mano.

- Un agarre cómodo para operar con una sola mano en cualquier posición.

Peso: 3.5lbs

Fuerza de tracción: 1,100 lbs @ 90 PSI

G702A Pulling Head & Inserts					
Part Number	Head Style	Rivet Insert	Rivet Type	Rivet Diameters	Max. Grip
H702-3NPR	Straight	728A9-3 *	Nut Plate	3/32", 2.5 mm	-12 **
		728A9-104 *	Nut Plate	1/8", 3.0 mm	-12 **
		728A9-3	SPR	3/32"	All



• CHERRY® G83A LIGHTWEIGHT LOCKBOLT INSTALLATION TOOL

La herramienta neumática-hidráulica G83A es una herramienta de producción para trabajos pesados diseñada para la instalación confiable y de alta velocidad de los tamaños más populares de Lockbolts para aeronaves. Su carcasa duradera de metal hace que esta herramienta sea ideal para su uso en entornos de tiendas agresivas.

Código : MD690733

Al doblar el deflector de pasador de goma hacia los lados, se puede obtener una holgura adicional de 1-1 / 2 ". Esta herramienta también se puede utilizar para instalar blind bolts y blind rivets. **Fuerza de tracción:** 3,750 lbs @ 90 PSI

Peso: 4.95 lbs



G83A Straight Lockbolt Pulling Heads*				
Basic Pulling Short Pintail	Swivel Nose	Self Releasing Swivel Nose	Self Releasing Swivel Nose, Chisel Shape	Lockbolt Diameter
H513-04-20	—	—	—	1/8"
H513-04-35	—	—	—	
H513-04-60	—	—	—	
—	H513S-05-20	H513SR-05-20	H513SRC-05-20	5/32"
H513-05-35	H513S-05-35	H513SR-05-35	H513SRC-05-35	
H513-05-60	—	—	—	
H513-06-20	H513S-06-20	H513SR-06-20	H513SRC-06-20	3/16"
—	H513S-06-35	H513SR-06-35	H513SRC-06-35	
H513-06-60	—	—	—	

* For -06 diameter, installs aluminum and titanium lockbolts only.

Note: The last component of the part number indicates attached length of the pulling head. For example part number H513-04-20 indicates the pulling head extends 2.0" beyond the gun line. The straight Lockbolt chart on page 117 shows all installed lengths and additional sizes.

G83A Offset Lockbolt Pulling Heads		
Basic Pulling	Basic Pulling Short Pintail	Lockbolt Dia.
H563-5B	H563SP-5B	5/32"
H563-6B	H563SP-6B	3/16"

G83A Maxibolt Pulling Heads (S Type)		
Part Number	Head Style	Maxibolt Diameters
H83B-5MB	Straight	5/32"
H83B-6MB	Straight	3/16"
H84B-56B	Straight	5/32", 3/16"

Note: For 'U' type blind bolts use 652-066 for -5 and 652-067 insert for -06.

G83A CherryMAX Pulling Heads **			
Part Number	Head Style	Required Adapter	Rivet Diameters
H701B-456	Straight	744-300	1/8", 5/32", 3/16"
H781A-456	Offset		
H753A-456	Right Angle		
H84A-8	Straight	—	1/4"

** CherryMAX adapter and pulling heads allow user to install CherryMAX, CherryMAX 'AB' & SST rivets.

G83A & G84 Adapters	
Part Number	To Adapt To Tool Mounting System
744-100	G85D & G87D
744-200	G744
744-300	G704B, G747 & G746A

REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRY® G84 LIGHTWEIGHT LOCKBOLT INSTALLATION TOOL

La herramienta neumática-hidráulica G84 es una herramienta de producción

Código : MD690744

para trabajos pesados diseñada para la instalación confiable y de alta velocidad de los tamaños más populares de Lockbolts para aeronaves. Su carcasa duradera de metal hace que esta herramienta sea ideal para su uso en entornos de tiendas agresivas. Esta herramienta incorpora un accesorio de

bayoneta para un cambio rápido de los cabezales de tracción. Esta herramienta también se puede utilizar para instalar pernos ciegos y remaches ciegos. Además, incluye un agarre cómodo para una sola mano en cualquier posición.

G84 Pulling Heads					
Part Number	Head Style	Required Adapter	Rivet Type	Rivet Diameters	Max. Grip
H513 *	Straight	—	Lockbolt	1/8", 5/32", 3/16", 1/4"	All
			Aluminum Lockbolt		
**	Straight	—	Titanium Lockbolt	1/8", 5/32", 3/16", 1/4"	All
H563	Offset	—	Lockbolt	1/8", 5/32", 3/16"	All
H562 *	Offset	—	Lockbolt	3/16", 1/4"	All
H83B-5MB	Straight	—	Maxibolt	5/32"	All
H83B-6MB	Straight	—	Maxibolt	3/16"	All
H84C-8MB ***	Straight	—	Maxibolt	1/4"	All
H84B-568	Straight	—	Maxibolt Plus	5/32", 3/16", 1/4"	All
H701B-456	Straight	744-300	CherryMAX	1/8", 5/32", 3/16" †	All
			CherryMAX 'AB'		
H84A-6	Straight	—	CherryMAX	1/4"	All
H84-8CLA	Straight	—	CherryLOCK 'A'	1/4"	All
			CherryMAX 'AB'		

* Use adapter 744-100 to accept pulling head design used on G85D, G87D and 353 style tools.

** Use of special pulling head required, please inquire.

*** Use 652-106 'U' type nosepiece for 'U' type -8 diameter.

† Will not pull 3/16" alum. CherryMAX 'AB' rivets; pulls 3/16" in monel and stainless steel only.

G83A & G84 Adapters **	
Part Number	To Adapt To Tool Mounting System
744-100	G85D & G87D
744-200	G744
744-300	G704B, G747 & G746A

Peso: 7.7 lbs

Fuerza de tracción: 5,750 lbs @ 90 PSI



• CHERRY® G87D LOCKBOLT INSTALLATION TOOL

Código : MD690777

La herramienta neumática-hidráulica G87D es una herramienta de producción para trabajos pesados diseñada para la instalación confiable de alta velocidad de los tamaños más populares de Lockbolts para aviones. Su carcasa duradera de metal hace que esta herramienta sea ideal para su uso en entornos de tiendas agresivas.

Al doblar el deflector de pasador de goma hacia los lados, se puede obtener una holgura adicional de 1-1 / 2 ".

Peso: 10.75 lbs

Fuerza de tracción: 9,500 lbs @ 90 PSI



G87D Straight Lockbolt Pulling Heads					
Basic Pulling Short Pintail	Swivel Nose	Self Releasing Swivel Nose	Self Releasing Swivel Nose, Chisel Shape	Installed Length	Lockbolt Diameter
H513-04-20 *	—	—	—	2" (51 mm)	1/8"
H513-04-35 *	—	—	—	3-1/2" (89 mm)	
H513-04-60 *	—	—	—	6" (152 mm)	
—	H513S-05-20 *	H513SR-05-20 *	H513SRC-05-20 *	2" (51 mm)	5/32"
H513-05-35 *	H513S-05-35	H513SR-05-35	H513SRC-05-35 *	3-1/2" (89 mm)	
H513-05-60 *	—	—	—	6" (152 mm)	
H513-06-20 *	H513S-06-20 *	H513SR-06-20 *	H513SRC-06-20 *	2" (51 mm)	3/16"
—	H513S-06-24	H513SR-06-24	—	2-3/8" (60 mm)	
—	H513S-06-35 *	H513SR-06-35 *	H513SRC-06-35 *	3-1/2" (89 mm)	
—	H513S-06-48	H513SR-06-48	—	4-13/16" (122 mm)	1/4"
H513-06-60 *	—	—	—	6" (152 mm)	
—	H513S-08-24	H513SR-08-24	—	2-3/8" (60 mm)	
H513-08-35 *	H513S-08-35 *	—	—	3-1/2" (89 mm)	5/16"
—	H513S-08-48	H513SR-08-48	H513SRC-08-48	4-13/16" (122 mm)	
—	H513S-10-27	H513SR-10-27	—	2-11/16" (68 mm)	
—	H513S-10-42	H513SR-10-42	—	4-3/16" (106 mm)	3/8"
—	H513S-12-27	H513SR-12-27	—	2-11/16" (68 mm)	
—	H513S-12-42	H513SR-12-42	—	4-3/16" (106 mm)	

G87D Offset Lockbolt Pulling Heads		
Basic Pulling	Basic Pulling Short Pintail	Lockbolt Diameter
H563-4B *	H563SP-4B *	1/8"
H563-6B *	H563SP-6B	5/32"
H563-8B *	H563SP-8B *	3/16"
H563-8B	—	1/4"

* Fits directly on Cherry G83A & Huck 352, requires the 552 adapter when used on Cherry G87D, G85D or Huck 353.

G87D CherryMAX Pulling Heads**			
Part Number	Head Style	Required Adapter	Rivet Diameter
H84A-6	Straight	552	1/4"
H827-6	Offset	560-070	1/4"
H828-6	Right Angle	560-070	1/4"

** CherryMAX adapter and pulling heads allow user to install CherryMAX, CherryMAX 'AB' & SST rivets.

G87D Maxibolt Pulling Heads			
Part Number	Head Style	Required Adapter	Maxibolt Diameter
H822-6MB	Straight	—	1/4"
H83B-6MD	Straight	552	5/32"
H83B-6MD	Straight	552	3/16"
H744-6MB	Straight	560-070	5/32"
H744-6MB	Straight	560-070	3/16"
H826-6MB	Offset	560-070	3/16"
H826-6MB	Right Angle	560-070	5/32"
H826-6MB	Right Angle	560-070	3/16"

REMACHADORAS CHERRY MAX® / CHERRY MAX® PNEUMATIC

• CHERRY® G800

Código : MD69130

El G800 es un remachador manual ligero y ergonómico capaz de instalar una amplia variedad de sujetadores ciegos. El diseño totalmente metálico hace que esta herramienta compacta y robusta sea ideal para su uso en entornos de talleres agresivos o reparaciones en campo.

- Potencia excepcional con poco esfuerzo manual para aumentar la productividad.
- Sistema de montaje (igual que G704B) compatible con cabezales de extracción populares, incluidos H782, H781A-456 y H753A-456.
- Diseño a prueba de fugas con sellos avanzados y redundancias incorporadas.
- Ergo diseño con amortiguador interno y mango acolchado.
- La palanca ajustable se adapta fácilmente a diferentes tamaños de mano.

Peso: 1.7 lbs

Fuerza de tracción: 6,000 lbs @ 90 PSI



G800 Heavy-Duty Pulling Head				
Part No.	Jaw	Nosepiece	Rivet Type	Rivet Dia.
HD800-8 (straight)	652-043 *	652-024 *	CherryMAX, 'AB', 'A'	-8
		652-065	Maxibolt Plus	-5, -6, -8
	865C25	652-035	Maxibolt 'S' Type	-8
		652-065	Maxibolt 'U' Type	-8
	744C76	652-038	Maxibolt 'S' Type	-6
		652-067	Maxibolt 'U' Type	-6

G800 Pulling Heads					
Part No.	Jaw	Follower	Nosepiece	Rivet Type	Rivet Dia.
H800 (straight)	701B18 *	753A14A *	782-456 *	CherryMAX, CherryMAX 'AB'	-4, -5, -6 **
				Blindbolt 'S' Type	-04, -05
				MBC	-4, -5, -6
				NAS1900 'U' Type	-4, -5
			886-003	CherryLOCK 'A'	-3
			886-004	CherryLOCK 'A'	-4
			886-005	CherryLOCK 'A'	-5
	782-010	886-002	886-006	CherryLOCK 'A'	-6
H753A-456 (rt. angle) †	701B18	753A14A	782-5BB	Blindbolt 'U' Type	-05
			782-4MBC	Standard MBC	-4
			782-5MBC	Standard MBC	-5
	782-010	866-002	782-6MBC	Standard MBC	-6
			782-6AL	CherryMAX 'AB' Alum.	-6
				NAS1900	-4, -5, -6
			701B18	753A14A	782-3
	NP Pull Through	-3			
	782-4NAS	NAS1900 (no shift washer)			-4
	782-5NAS	NAS1900 (no shift washer)			-5
782-010	866-002	782-6NAS	NAS1900 (no shift washer)	-6	

ACCESORIOS REMACHADORAS / ACCESSORIES BLIND RIVETERS

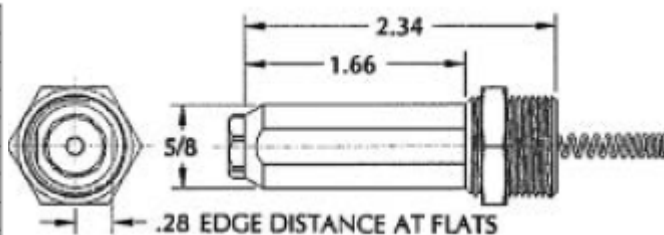
- BOQUILLA CHERRY® H747-456 Straight Universal**

Código : **MD69101**

Part Number	Stroke	Force	Weight
H747-456	w/G704B: 1/2" w/G746A: 7/8" w/G747: 7/16"	w/G704B: 3100 lbs w/G746A: 1850 lbs w/G747: 2200 lbs	0.15 lbs (0.07 kgs)



Available Nosepieces	
Part Number	Installs
782-456 (included with pulling head)	CherryMAX & CherryMAX AB -4, -5 & -6*
	Blindbolt 'S' Type -04 & -05
	MBC Lock Creator -4, -5 & -6
	NAS1900 'U' Type -4 & -5
782-4NAS	NAS1900 -4 (no shift washer)
782-5NAS	NAS1900 -5 (no shift washer)
782-6NAS***	NAS1900 -6 (no shift washer)
782-4MBC	Standard MBC -4
782-5MBC	Standard MBC -5
782-6MBC***	Standard MBC -6
782-3**	3/32" SPR & -3 pull thru Nut Plate Rivets
782-5BB	Blindbolt 'U' Type -05
782-6AL***	CherryMAX AB -6 Alum., NAS1900 -4, -5 & -6
886-003**	CherryLOCK 'A' Code -3
886-004	CherryLOCK 'A' Code -4
886-005	CherryLOCK 'A' Code -5
886-006***	CherryLOCK 'A' Code -6



Replacement Parts		
Jaw	Jaw Follower	Notes
701B18	753A14A	701B18 & 753A14A Included with Tool
	955-011	Req'd for 886-003 & 782-3 Nosepieces
782-010	886-002	Req'd for 886-006, 782-6MBC, 782-6AL & 782-6NAS Nosepieces

* Except -6 diameter all aluminum (use 782-6AL).

** Nosepiece requires 955-011 jaw follower, see below.

*** Nosepiece requires 782-010 jaw & 886-002 jaw follower, see below.

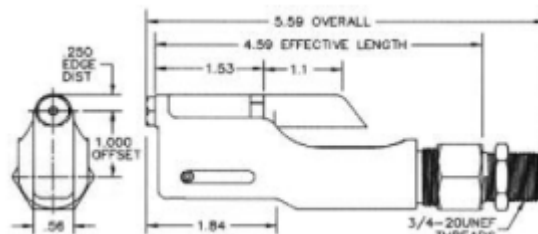
- BOQUILLA CHERRY® H782 Offset Universal**

Código : **MD69125**

Part Number	Stroke	Force	Weight
H782	w/G704B: 1/2" w/G746A: 7/8" w/G747: 7/16" w/G800: 0.78"	w/G704B: 3100 lbs w/G746A: 1850 lbs w/G747: 2200 lbs w/G800: 4200 lbs	0.84 lbs (0.36 kgs)



Available Nosepieces	
Part Number	Installs
782-456 (included with pulling head)	CherryMAX & CherryMAX AB -4, -5 & -6*
	Blindbolt 'S' Type -04 & -05
	MBC Lock Creator -4, -5 & -6
	NAS1900 'U' Type -4 & -5
782-4NAS	NAS1900 -4
782-5NAS	NAS1900 -5
782-4MBC	Standard MBC -4
782-5MBC	Standard MBC -5
782-6MBC**	Standard MBC -6
782-3	3/32" SPR & -3 pull thru Nut Plate Rivets
782-5BB	Blindbolt 'U' Type -05
782-6AL**	CherryMAX AB -6 Aluminum
886-003	CherryLOCK 'A' Code -3
886-004	CherryLOCK 'A' Code -4
886-005	CherryLOCK 'A' Code -5
886-006**	CherryLOCK 'A' Code -6



* Except -6 diameter all aluminum (use 782-6AL).

** These nosepieces require 782-010 jaws, see replacement parts chart on left.

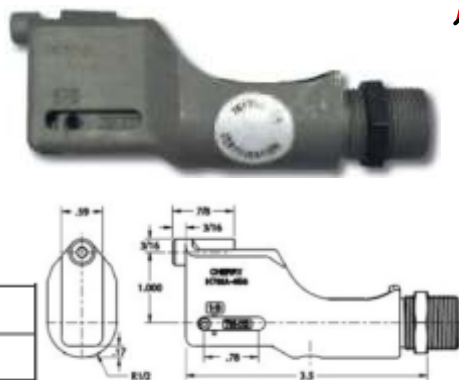
ACCESORIOS REMACHADORAS / ACCESSORIES BLIND RIVETERS



- **BOQUILLA CHERRY® Compact Single Jaw Offset**

- Funciona directamente con G746A, G747, G704B y G800 (sin adaptadores).
- Agarre de mandíbula ajustable continuamente para compensar el desgaste

El H781A-456 instalará CherryMAX Bulb & 'AB' (-4, -5 & -6),
Maxibolt 'S' Type (-04 & -05), Cherry 1900 'U' type (-04 & -05) y
MBC Lock Creator (-4, -5 y -6).



Part Number	Stroke	Weight
H781A-456	3/4"	0.5 lbs (0.23 kgs)

- **BOQUILLA CHERRY® Right Angle**

Part Number	Installs
H753A-456	1/8", 5/32" & 3/16" Nominal & Oversize CherryMAX Rivets
H828-8	1/4" Nominal & Oversize CherryMAX Rivets (G744 Only)



- **BOQUILLA CHERRY® Offset**

Part No.	Installs
H827-8	1/4" Nominal & Oversize CherryMAX Rivets (G744 Only)



- **BOQUILLA CHERRY® H681 Straight**

Univ. Countersunk (MS 20426)	
Part Number	Rivet Dia.
H681-3C	3/32"
H681-4C	1/8"
H681-5C	5/32"
H681-6C	3/16"
H681-8C	1/4"

Countersunk (NAS 1097)	
Part Number	Rivet Dia.
H681-4S	1/8"
H681-5S	5/32"
H681-6S	3/16"
H681-8S	1/4"

Countersunk (156°)	
Part Number	Rivet Dia.
H681-4F	1/8"
H681-5F	5/32"
H681-6F	3/16"

Uni-Sink	
Part Number	Rivet Dia.
H681B166-4	1/8"
H681B166-5	5/32"
H681B166-6	3/16"



- **BOQUILLA CHERRY® Straight**

Part Number	Installs
H701B-456	1/8", 5/32" & 3/16" Nominal & Oversize CherryMAX Rivets
H846A-456	1/8", 5/32" & 3/16" Nominal & Oversize CherryMAX Rivets (G744 Only)
H744A-8	1/4" Nominal & Oversize CherryMAX Rivets (G744 Only)



- **BOQUILLA CHERRY® 'A' H955 Straight**

H955 Part Number	H9055 Part Number	Rivet Diameter
H955-3	H9055-3	3/32"
H955-4	H9055-4	1/8"
H955-5	H9055-5	5/32"
H955-6	H9055-6	3/16"



ACCESORIOS REMACHADORAS / ACCESSORIES BLIND RIVETERS

- BOQUILLA CHERRY® MS Straight**



Part Number	Rivet Diameter
H9015-3C	3/32"
H9015-4C	1/8"
H9015-5C	5/32"
H9015-6C	3/16"

Part Number	Rivet Diameter
H9040-3C	3/32"
H9040-4C	1/8"
H9040-5C	5/32"
H9040-6C	3/16"

- BOQUILLA CHERRY® TFS Rivetless Nutplate**

Part Number	Type	Available Diameters	For Riveters
H704-_NP	NP	.233 to .358	G704B, G800 & G750A*
H704-_NPC	NPC Composite Applications	.249 to .368	



- BOQUILLA MAXIBOLT®**

Straight Heads	
Part Number	MaxiBolt Dia.
H652-8MB	1/4"
H744-5MB	5/32"
H744-6MB	3/16"
H83B-5MB	5/32"
H83B-6MB	3/16"
H84B-568	5/32" & 3/16"

Right Angle Heads	
Part Number	MaxiBolt Dia.
H828-5MB	5/32"
H828-6MB	3/16"
H828-8MB	1/4"

Offset Head	
Part Number	MaxiBolt Dia.
H856-6MB	3/16"



- BOQUILLA CHERRY® Nut Plate**

For G702A Riveter	
Part Number	Installs
H702-3NPR *	3/32" & 1/8", 2.5 mm & 3 mm Nut Plate

For G747 Riveter	
Part Number	Installs
H747-3NPR *	3/32" & 1/8", 2.5 mm & 3 mm Nut Plate

For G902 Riveters (-8 maximum grip)	
Part Number	Installs
H902-3NPR	3/32", 2.5 mm & 3 mm Nut Plate, 3/32" SPR
H902-4NPR	1/8" Nut Plate

For G902-15 Riveters (-9 maximum grip)	
Part Number	Installs
H9015-3C	3/32", 2.5 mm & 3 mm Nut Plate & SPR
H9015-4C	1/8" Nut Plate
H9055-3	3/32" CherryLock 'A'



ACCESORIOS REMACHADORAS / ACCESSORIES BLIND RIVETERS

• BOQUILLA CHERRY® LOCKBOLT



Straight Pulling Heads					
Basic Pulling Short Pintail	Swivel Nose	Self Releasing Swivel Nose	Self Releasing Swivel Nose, Chisel Shape	Installed Length	Lockbolt Diameter
H513-04-20 *	—	—	—	2" (51 mm)	1/8"
H513-04-35 *	—	—	—	3-1/2" (89 mm)	
H513-04-60 *	—	—	—	6" (152 mm)	
—	H513S-05-20 *	H513SR-05-20 *	H513SRC-05-20 *	2" (51 mm)	5/32"
H513-05-35 *	H513S-05-35	H513SR-05-35	H513SRC-05-35 *	3-1/2" (89 mm)	
H513-05-60 *	—	—	—	6" (152 mm)	
H513-06-20 *	H513S-06-20 *	H513SR-06-20 *	H513SRC-06-20 *	2" (51 mm)	3/16"
—	H513S-06-24	H513SR-06-24	—	2-3/8" (60 mm)	
—	H513S-06-35 *	H513SR-06-35 *	H513SRC-06-35 *	3-1/2" (89 mm)	
—	H513S-06-48	H513SR-06-48	—	4-13/16" (122 mm)	
H513-06-60 *	—	—	—	6" (152 mm)	
—	H513S-08-24	H513SR-08-24	—	2-3/8" (60 mm)	1/4"
H513-08-35 *	H513S-08-35 *	—	—	3-1/2" (89 mm)	
—	H513S-08-48	H513SR-08-48	H513SRC-08-48	4-13/16" (122 mm)	5/16"
—	H513S-10-27	H513SR-10-27	—	2-11/16" (68 mm)	
—	H513S-10-42	H513SR-10-42	—	4-3/16" (106 mm)	
—	H513S-12-27	H513SR-12-27	—	2-11/16" (68 mm)	3/8"
—	H513S-12-42	H513SR-12-42	—	4-3/16" (106 mm)	

Offset Pulling Heads		
Basic Pulling	Basic Pulling Short Pintail	Lockbolt Diameter
H563-4B *	H563SP-4B *	1/8"
H563-5B *	H563SP-5B	5/32"
H563-6B *	H563SP-6B *	3/16"
H563-8B	—	1/4"



• EXTENSIONES PARA BOQUILLAS



For G701A, G704B, G749A, G746 & G747 Riveters			
Part Number	Length	Part Number	Length
704A12-2	2" (51 mm)	704A12-6	6" (152 mm)
704A12-4	4" (102 mm)	704A12-12	12" (305 mm)

For G744 Riveters			
Part Number	Length	Part Number	Length
744B35-2	2" (51 mm)	744B35-6	6" (152 mm)
744B35-4	4" (102 mm)	744B35-12	12" (305 mm)

• ADAPTADORES PARA BOQUILLAS



For G689, G700 & G784 Riveters	
Part Number	Allows
680B46	H9015 & H9055
680B57	H9040 Type

For G794B, G748A & G747 Riveters	
Part Number	Allows
704A6	H9040 Type
704A9	H9015 & 9055 Screw On Type

For G744 Riveter	
Part Number	Allows
744A20	H753A-456 & H781A-456
744B25	Huck 244 (352) Style Blind Bolt Pulling Head

For G689B-S, G689, G700 & G784 Riveters	
Part Number	Allows
680B205	H753A-456 & H781A-456

For G740A & G86A Riveters	
Part Number	Allows
740A26	H753A-456 & H781A-456

For G84 Riveters	
Part Number	Allows
744-190	G67D & Huck 245 (353) Pulling Head
744-206	H744A-8, H827-6, H828-5MB & H829-6MB
744-300	H701B-456, H753A-456 & H781A-456

For G84-LS Riveter	
Part Number	To Adapt To Tool Mounting System
744-900	G744
744-900	G704B, G747 & G746A
744-700	G83 & G84 Bayonet

For G87D Riveter	
Part Number	Allows
652	H84A-8, H83B-6MB, H83B-6MB
660-070	H827-6, H828-6, H744-6MB, H744-6MB, H856-6MB, H829-6MB, & H828-6MB

REMACHADORAS HUCK® / HUCK® PNEUDRALIC

- HUCK® 200**

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-1013	-4	NAS1919B/21B NAS1919M/21M NAS1919C/21C MLSP/MLS100 7MLS100-M
78972 *		
99-458	-5	
78973 *		
99-459	-6	
78980 *		
99-600	-5	MS21140 (B100-EU), MS21141 (BP-EU) MS90353 (B100-T), MS90354 (BP-T) OBP-EU & OB100EU OBP-T & OB100-T 7B100-EU & 7B120-EU 4B100-T06/EU06
99-589	-6	

Peso: 10.5 lbs

Fuerza de tracción: 2,950 lbs @ 90 PSI

Código : MD12074



- HUCK® 2012**

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-2725	-4	NAS1919/21"S", OSMLSP OSMLS100, SMLSP-BT SMLS100-BT, OSR
99-2731	-5	
99-2737	-6	
99-2701	-5	MS90353/54"S" or "U" MS21140/41"S" or "U" OBP-EU/OBP-T/OB100-EU, OB100-T OSBP-EU/OSB100-T UBP-MV/UBP100-MV SB100T05 & 06, SB100EU-05 & 06 S7B100-EU/S4B100-T06
99-2707	-6	

Peso: 4.4 lbs

Fuerza de tracción: 2,670 lbs @ 90 PSI

Código : MD120722



- HUCK® 2013**

Nose Assemblies				
Part Number Straight	Part Number Offset	Part Number Rt. Angle	Fastener Dia.	Installs Fasteners
H701B-456	99-1333	99-1334	-4 thru -6	M7885 NAS9301/9312 BACR15FR/FP "Allmax" "CherryMAX" "HuckMax" "Huck-Clinch"
99-3442	H781A-456	H753A-456		
99-3443	—	—		

Peso: 4.5 lbs

Fuerza de tracción: 2,670 lbs @ 90 PSI

Código : MD120733



REMACHADORAS HUCK® / HUCK® PNEUDRALIC

• HUCK® 202

Código : MD50332



Peso: 5.5 lbs

Fuerza de tracción: 3,900 lbs @ 90 PSI

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-2725	-4	NAS1919/21"S" OSMLSP OSMLS100 SMLSP-BT SMLS100-BT OSR
99-2731	-5	
99-2737	-6	
99-2743	-8	
99-2701	-5	MS90353/54"S" or "U" MS21140/41"S" or "U" OBP-EU/OBP-T/OB100-EU OB100-T OSBP-EU/OSB100-T UBP-MV/UBP100-MV SB100T05 & 06 SB100EU-05 & 06 S7B100-EU/S4B100-T06
99-2707	-6	

• HUCK® 2025

Código : MD50331



Peso: 4.4 lbs

Fuerza de tracción: 2,670 lbs @ 90 PSI

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-2725	-4	NAS1919/21"S" OSMLSP OSMLS100 SMLSP-BT SMLS100-BT OSR
99-2731	-5	
99-2737	-6	
99-2743	-8	
99-2701	-5	MS90353/54"S" or "U" MS21140/41"S" or "U" OBP-EU/OBP-T/OB100-EU OB100-T OSBP-EU/OSB100-T UBP-MV/UBP100-MV SB100T05 & 06 SB100EU-05 & 06 S7B100-EU/S4B100-T06
99-2707	-6	
99-2713	-8	Huckrimp NAS4450/52 NAS4458/56S 03KSP-DT/OKS200-DT
99-833	-5"	
99-834	-6"	ASP Fasteners** ASPPFF/2ASP509F/P 2ASPPFF/PP 2ASPPFF/PP
99-2642	13/64 (06)	
99-2645	17/64 (08)	
99-2648	21/64 (10)	

• HUCK® 246

Código : MD50343



Peso: 4.5 lbs

Fuerza de tracción: 2,670 lbs @ 90 PSI

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-2719	-10	MS21141U()(UBR-EU) MS21140U()(UB100-EU) MS90354U()(UBR-T) MS90353U()(UB100-T) MS90353S(SB100-T) MS21140S(SB100-EU) MS90354S(SBP-T) MS21141S(UBP-EU) OSBP-EU() OSB100-EU() OSBP-T() OSB100-T() OBP-EU() OB100-EU() OBP-T() OB100-T() UBP-MV() UB100-MV() SB100-T05 & 06 SB100-EU05 & 06 S7B100-EU S4B100-T06 4B100-T08
99-2722	-12	

REMACHADORAS HUCK® / HUCK® PNEUDRALIC

• HUCK® 244X



Código : MD12066

Peso: 5.7 lbs

Fuerza de tracción: 4,606 lbs @ 90 PSI

• HUCK® 245 & 255



245

Peso: 5.7 lbs

Fuerza de tracción: 4,606 lbs @ 90 PSI



255

Peso: 5.7 lbs

Fuerza de tracción: 4,606 lbs @ 90 PSI

Código : MD50335

Nose Assemblies		
Part Number Straight	Fastener Diameter	Installs Fasteners
99-2725	-4	NAS1919/21"S" OSMLS100, OSMLS100 SMLS100-BT, SMLS100-BT OSR
99-2731	-5	
99-2737	-6	
99-2743	-8	
99-2701	-5	MS90353/54"S" or "U" MS21140/41"S" or "U" OBP-EU/OBP-T/OB100-EU, OB100-T OSBP-EU/OSB100-T UBP-MV/UBP100-MV SB100T05 & 06, SB100EU-05 & 06 S7B100-EU/S4B100-T06
99-2707	-6	
99-2713	-8	
99-2651	-4	
99-2549S/T	-5	NAS Shear Lockbolts: NAS1436-1442/1446-1452 NAS7024-7032/7034-7042 NAS7004-7012/7014-7022 NAS2406V-2412V/2506V-2512V NAS Tension Lockbolts: NAS1456-1462/1465-1472 NAS1475-1482/1516-1522 NAS1525-1532/1535-1542 NAS2005V-2012V/2105V-2112V NAS2115V-2122V NAS2125-2132/6935-6942 NAS6946-6952/6955-6962 NAS6965-6972
99-2555	-6	
99-2561	-8	
99-2651	-4	
99-2549S/T	-5	GP Lockbolts GPL3S/6S/7T/8T
99-2555	-6	
99-2561	-8	
99-2573	4mm	
99-2579	5mm	MGP Lockbolts MGPL28T
99-2585	6mm	
99-2654	-4	
99-2501	-5	
99-2507	-6	LGP Lockbolts
99-2513	-8	
99-2525	4mm	
99-2531	5mm	
99-2537	6mm	MLGP Lockbolts
99-833	-5"	
99-834	-6"	
99-2642	13/64 (06)	
99-2645	17/64 (08)	Huckrimp NAS4450/52, NAS4458S/66S 03KSP-DT/OKS200-DT
99-2648	21/64 (10)	
99-2642	13/64 (06)	ASP Fasteners** ASPFF/2ASP509F/P 2ASPFF/FP 2ASPFF/PP
99-2645	17/64 (08)	
99-2648	21/64 (10)	
99-2642	13/64 (06)	

Nose Assemblies			
Part No. Straight	Part No. Offset***	Fastener Diameter	Installs Fasteners
99-2725*	99-3715	-4	NAS1919/21"S" OSMLS100, OSMLS100 SMLS100-BT, SMLS100-BT OSR
99-2731*	99-3716	-5	
99-2737*	99-3717	-6	
99-1311	99-3718	-8	
99-335	—	-10	
99-2704	99-3712	-5	MS90353/54"S" or "U" MS21140/41"S" or "U" OBP-EU/OBP-T/OB100-EU OB100-T OSBP-EU/OSB100-T UBP-MV/UBP100-MV SB100T05 & 06 SB100EU-05 & 06 S7B100-EU/S4B100-T06
99-2710	99-3713	-6	
99-2716	99-3714	-8	
99-2719	—	-10	
99-2551	99-3703	-5	
99-2558	99-3704	-6	NAS Shear Lockbolts: NAS1436-1442/1446-1452 NAS7024-7032/7034-7042 NAS7004-7012/7014-7022 NAS2406V-2412V/2506V-2512V NAS Tension Lockbolts: NAS1456-1462/1465-1472 NAS1475-1482/1516-1522 NAS1525-1532/1535-1542 NAS2005V-2012V/2105V-2112V NAS2115V-2122V NAS2125-2132/6935-6942 NAS6946-6952/6955-6962 NAS6965-6972
99-2564	99-3705	-8	
99-2567	99-3720	-10	
99-2552	99-3703	-5	
99-2559	99-3704	-6	
99-2565	99-3705	-8	GP Lockbolts GPL3S/6S/7T/8T
99-2568	99-3720	-10	
99-2576	99-3706	4mm	
99-2582	99-3707	5mm	
99-2588	99-3708	6mm	
99-2591	—	8mm	MGP Lockbolts MGPL28T
99-2595	—	10mm	
99-2504	99-3700	-5	
99-2510	99-3701	-6	
99-2517	99-3702	-8	
99-2519	99-3719	-10	LGP Lockbolts
99-2528	99-3709	4mm	
99-2534	99-3710	5mm	
99-2540	99-3711	6mm	
99-2543	99-3721	8mm	
99-2642*	99-3728	13/64 (06)	MLGP Lockbolts
99-2645*	99-3729	17/64 (08)	
99-2648*	99-3730	21/64 (10)	
99-2642*	99-3730	21/64 (10)	

- HUCK® 256**

Código : MD50355

Esta herramienta está diseñada para aplicaciones de producción de alta velocidad. Incluye un pistón concéntrico de tracción en línea. Los vástagos de pistón chapados extenderán la vida del sello y aumentarán la durabilidad de la herramienta. Capaz de instalar hasta 20 fasteners por minuto.

Nose Assemblies		
FASTENERS	DIA.	STANDARD 3"
BOM®	1/4"	99-830-1
	3/8"	99-1272
	5/16"	99-769
Magna-Lok®	3/8"	99-3318
C6L®	1/4"	99-2564
	5/16"	99-99-245
	3/8"	99-100-245
Magna-Grip®	1/4"	99-1290
		99-3207
	5/16"	99-1439
	3/8"	99-1440



Peso: 11.1 lbs

Fuerza de tracción: 1,875 lbs @ 90 PSI

- HUCK® 256**

Código : MD50470

Este remachador compacto y liviano tiene una asombrosa cantidad de 3.500 libras de fuerza de tracción y presenta un sistema de mandíbula único que lo permite para fijar remaches desde 1/8 "hasta 1/4" de diámetro, de acero, acero inoxidable, aluminio y remaches de plástico cambiando solo el revólver.

Úselo para instalar remaches pop, remaches de plástico, monobolts, remaches divididos en "T" y Magna-Lok®.

Este remachador opera efectivamente a cualquier presión de aire entre 90 y 120 psi.

Peso: 1.75 lbs

Longitud: 7 1/2"



Caja de almacenamiento– Estilo FOD

• HUCK® AK-175

Este remachador compacto y liviano tiene una asombrosa cantidad de 3.500 libras de fuerza de tracción y presenta un sistema de mandíbula único que lo permite para fijar remaches desde 1/8 "hasta 1/4" de diámetro, de acero, acero inoxidable, aluminio y remaches de plástico cambiando solo el revólver.

Úselo para instalar remaches pop, remaches de plástico, monobolts, remaches divididos en "T" y Magna-Lok®.

Este remachador opera efectivamente a cualquier presión de aire entre 90 y 120 psi.

Código : MD50470



Peso: 1.75 lbs

Longitud: 7 1/2"

Caja de almacenamiento– Estilo FOD

REMACHADORAS CONEJITO “A” / PNEUMATIC “A” SQUEEZES

- ACAT “A”



MD12322



MD12323



MD12324



MD12325

MODELO	214A	214A3	TA 1.5-725A	TA 3-725A3
CODIGO	MD12322	MD12323	MD12324	MD12325
FUERZA	3,000 lbs.	1,800 lbs.	6,000 lbs.	3,400 lbs.
MANDIBULA	1 1/2"	3"	1 1/2"	3"
CILINDRO	SIMPLE	SIMPLE	TANDEM	TANDEM
PESO	3.8 lbs.	4.5 lbs.	5 lbs.	6 lbs.
LONGITUD	9 3/16"	10 3/14"	11 3/16"	13 1/2"
CAPACIDAD DE REMACHE	ALUMINIO 1/8"	ALUMINIO 3/32"	ALUMINIO 3/16"	ALUMINIO 1/8"
	ACERO 3/32"	ACERO 1/16"	ACERO 5/32"	ACERO 3/32"

REMACHADORAS CONEJITO “A” / PNEUMATIC “A” SQUEEZES

- AIR FORCE “A”

AirFORCE
PNEUMATIC TOOLS



MD12395

MD12396

MD12397

MD12398

MODELO	1 1/2-SA	3-SA	1 1/2-TA	3-TA
CODIGO	MD12395	MD12396	MD12397	MD12398
FUERZA	3,000 lbs.	1,800 lbs.	6,000 lbs.	3,400 lbs.
MANDIBULA	1 1/2"	3"	1 1/2"	3"
CILINDRO	SIMPLE	SIMPLE	TANDEM	TANDEM
PESO	4.2 lbs.	4.5 lbs.	5.3 lbs.	5.83 lbs.
LONGITUD	9 1/2"	10 1/2"	11 1/2"	14"
CAPACIDAD DE REMACHE	ALUMINIO 1/8"	ALUMINIO 3/32"	ALUMINIO 3/16"	ALUMINIO 1/8"
	ACERO 3/32"	ACERO 1/16"	ACERO 5/32"	ACERO 3/32"

REMACHADORAS CONEJITO "A" / PNEUMATIC "A" SQUEEZES

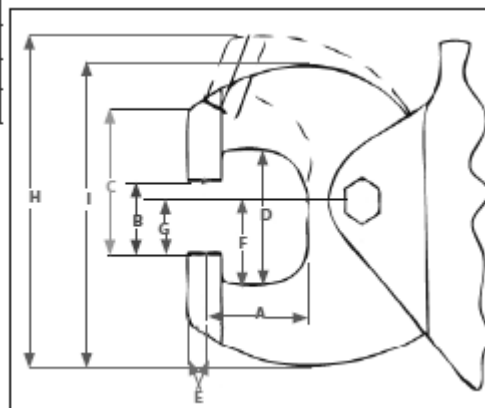
• 30A—30AH



MD30A22HD

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed HL.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD30A15HD	1/8 (3.17)	3/32 (2.36)	1 1/2 (38.1)	7/8 (22.2)	3000 (13.35)	5/8 (15.8)	1/16 (1.57)	9 1/4 (234.9)	4 (1.8)
MD30A22HD	3/32 (2.36)	3/32 (2.36)	2 1/4 (57.15)	7/8 (22.2)	2400 (10.68)	7/8 (22.2)	3/32 (2.36)	10 (254)	4 1/2 (2.04)
MD30A30HD	3/32 (2.36)	1/16 (1.57)	3 (76.2)	7/8 (22.2)	1800 (8.01)	1 1/4 (31.75)	1/8 (3.17)	10 3/4 (273)	5 (2.26)
MD30AH15HD	5/32 (3.96)	1/8 (3.17)	1 1/2 (38.1)	7/8 (22.2)	3900 (17.35)	5/8 (15.8)	3/64 (3.19)	9 1/4 (234.9)	4 (1.8)
MD30AH22HD	1/8 (3.17)	3/32 (2.36)	2 1/4 (57.15)	7/8 (22.2)	3000 (13.35)	7/8 (22.2)	1/16 (1.57)	10 (254)	4 1/2 (2.04)
MD30AH30HD	3/32 (2.36)	1/16 (1.57)	3 (76.2)	7/8 (22.2)	2400 (10.68)	1 1/4 (31.75)	3/32 (2.36)	10 3/4 (273)	5 (2.26)

JAWS	A	B	C	D	E	F	G	H	I
3"	3	7/8	2 1/8	2 1/8	9/32	1 1/4	5/8	5 13/32	5
2 1/4"	2 1/4	7/8	1 7/8	2 1/8	9/32	1 1/4	5/8	5 1/16	4 3/4
1 1/2"	1 1/2	7/8	1 1/2	1 5/8	9/32	1	5/8	4 1/16	3 13/16



REMACHADORAS CONEJITO “A” / PNEUMATIC “A” SQUEEZES

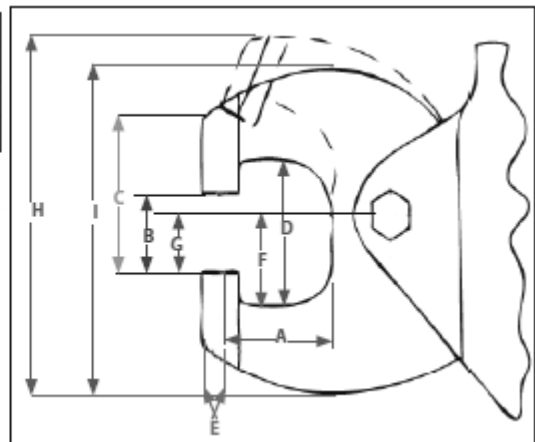
- 60A—60AH



MD60A15HD

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD60A15HD	3/16 (4.75)	5/32 (3.96)	1 1/2 (38.1)	7/8 (22.2)	6000 (26.70)	5/8 (15.8)	1/16 (1.57)	12 (304.8)	5 1/2 (2.49)
MD60A22HD	3/16 (4.75)	1/8 (3.17)	2 1/4 (57.15)	7/8 (22.2)	4600 (20.47)	7/8 (22.2)	3/32 (2.36)	12 3/4 (323.85)	5 1/2 (2.49)
MD60A30HD	5/32 (3.96)	3/32 (2.36)	3 (76.2)	7/8 (22.2)	3400 (15.13)	1 1/4 (31.75)	1/8 (3.17)	13 1/2 (342.9)	6 (2.72)
MD60AH15HD	3/16 (4.75)	5/32 (3.96)	1 1/2 (38.1)	7/8 (22.2)	7200 (32.03)	5/8 (15.8)	3/64 (1.19)	12 (304.8)	5 1/2 (2.49)
MD60AH22HD	3/16 (4.75)	1/8 (3.17)	2 1/4 (57.15)	7/8 (22.2)	5300 (23.58)	7/8 (22.2)	1/16 (1.57)	12 3/4 (323.85)	5 1/2 (2.49)
MD60AH30HD	5/32 (3.96)	1/8 (3.17)	3 (76.2)	7/8 (22.2)	4000 (17.79)	1 1/4 (31.75)	3/32 (2.36)	13 1/2 (342.9)	6 (2.72)

JAWS	A	B	C	D	E	F	G	H	I
3"	3	7/8	2 1/8	2 1/8	9/32	1 1/4	5/8	5 13/32	5
2 1/4"	2 1/4	7/8	1 7/8	2 1/8	9/32	1 1/4	5/8	5 1/16	4 3/4
1 1/2"	1 1/2	7/8	1 1/2	1 5/8	9/32	1	5/8	4 1/16	3 13/16



REMACHADORAS CONEJITO "A" / PNEUMATIC "A" SQUEEZES

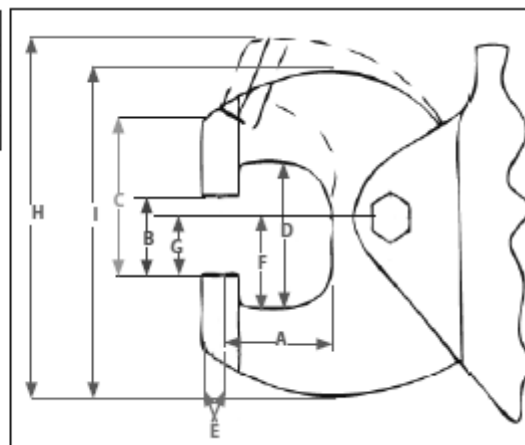
• 90A



MD90A30

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD90A15	1/4 (6.35)	3/16 (4.75)	1 1/2 (38.1)	7/8 (22.2)	9000 (40.05)	5/8 (15.8)	1/16 (1.57)	16 (406.4)	7 (3.17)
MD90A22	3/16 (4.75)	5/32 (3.96)	2 1/4 (57.15)	7/8 (22.2)	7000 (31.15)	7/8 (22.2)	3/32 (2.36)	16 3/4 (425.45)	7 1/2 (3.4)
MD90A30	3/16 (4.75)	5/32 (3.96)	3 (76.2)	7/8 (22.2)	5200 (23.14)	1 1/4 (31.75)	1/8 (3.17)	17 1/2 (444.5)	8 (3.62)

JAWS	A	B	C	D	E	F	G	H	I
3"	3	7/8	2 1/8	2 1/8	9/32	1 1/4	5/8	5 13/32	5
2 1/4"	2 1/4	7/8	1 7/8	2 1/8	9/32	1 1/4	5/8	5 1/16	4 3/4
1 1/2"	1 1/2	7/8	1 1/2	1 5/8	9/32	1	5/8	4 1/16	3 13/16



REMACHADORAS CONEJITO “A” / PNEUMATIC “A” SQUEEZES

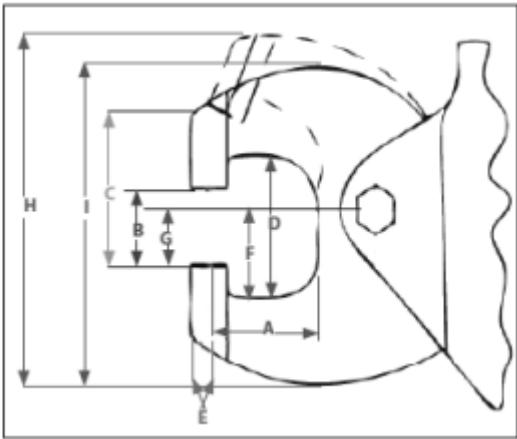
• 630A



MD630A-1527

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD630A-1526	9/32 (7.1)	7/32 (5.5)	3 (76.2)	7/8 (22.2)	10,900 (48.49)	1 3/16 (30.16)	5/64 (1.95)	19 3/4 (501.6)	11 1/2 (5.2)
MD630A-1527	1/4 (6.4)	3/16 (4.8)	5" (127)	7/8 (22.2)	5,900 (26.24)	1 3/8 (35)	1/8 (3.15)	21 3/4 (552.4)	12 (5.5)
MD630A-1528	3/16 (4.8)	1/8 (3.2)	7" (178)	7/8 (22.2)	4,700 (20.90)	1 13/16 (46)	5/32 (3.95)	23 3/4 (603.2)	12 1/2 (5.7)

JAWS	A	B	C	D	E	F	G	H	I
1526	3"	7/8	1 5/8	2 1/4	9/32	1 1/8	7/16	8 7/8	5 5/8
1527	5"	7/8	2"	2 9/32	9/32	1 1/8	7/16	6 1/4	6"
1528	7"	7/8	2 3/8	2 1/4	9/32	1 1/8	7/16	7 1/2	7 1/4



REMACHADORAS CONEJITO "A" / PNEUMATIC "A" SQUEEZES

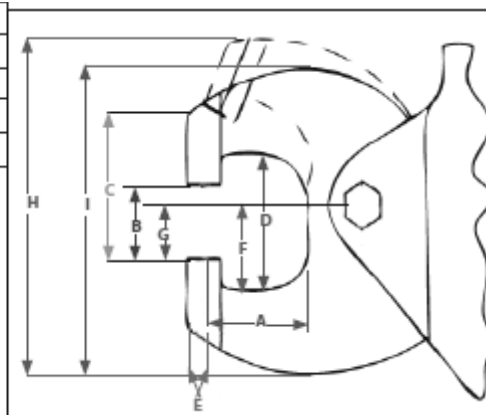
• 444A



MD444AFH32

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE PSI (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD444AFH32	9/32 (7.14)	7/32 (5.56)	3 1/4" (82.5)	7/8 (22.2)	9,800 (43.61)	1 (25.4)	1/8 (3.2)	22.5 (571)	14.5 (6.78)
MD444AFH52	1/4 (6.35)	3/16 (4.76)	5 1/4" (133.3)	7/8 (22.2)	6,800 (30.25)	1 15/32 (37.4)	3/16 (4.75)	24 1/2 (622)	16 (7.26)
MD444AFH72	3/16 (4.76)	5/32 (3.97)	7 1/4 (184.1)	7/8 (22.2)	6000** (26.7)	1 31/32 (49.9)	7/32 (5.6)	26.5 (673)	17.5 (7.94)
MD444AFH92	3/16 (4.76)	5/32 (3.97)	9 1/8 (231.7)	7/8 (22.2)	6000*** (26.7)	2 7/16 (61.8)	15/64 (6)	28.5 (724)	21.5 (9.8)
MD444ASH32	9/32 (7.14)	7/32 (5.56)	3 1/4 (82.5)	7/8 (22.2)	9,800 (43.61)	1 (25.4)	1/8 (3.2)	22.5 (571)	15.5 (7.03)
MD444ASH52	1/4 (6.35)	3/16 (4.76)	5 1/4 (133.3)	7/8 (22.2)	6800 (30.25)	1 15/32 (37.4)	3/16 (4.75)	24.5 (622)	17 (7.71)
MD444ASH72	3/16 (4.76)	5/32 (3.97)	7 1/4 (184.1)	7/8 (22.2)	6000** (26.7)	1 31/32 (49.9)	7/32 (5.6)	26.5 (673)	18.5 (8.39)
MD444ASH92	3/16 (4.76)	5/32 (3.97)	9 1/8 (231.7)	7/8 (22.2)	6000*** (26.7)	2 7/16 (61.8)	15/64 (6)	28.5 (724)	22.5 (10.2)

JAWS	A	B	C	D	E	F	G	H	I
A 32	3 1/4	7/8	2	2 7/32	1/4	1 7/64	7/16	6 3/16	6 3/16
A 52	5 1/4	7/8	2 1/4	2 1/8	9/32	1 1/16	7/16	6 1/2	6 1/2
A 72	7 1/4	7/8	2 5/16	1 5/8	9/32	1 1/16	7/16	7 15/16	7 3/4
A 92	9 1/8	7/8	3 7/16	2 1/8	9/32	1 1/16	7/16	9 7/16	9 1/8



REMACHADORAS CONEJITO “C” / PNEUMATIC “C” SQUEEZES

- AIR FORCE “C”

AirFORCE
PNEUMATIC TOOLS



MODELO	1 1/2-SC	3-SC	1 1/2-TC	3-TC
CODIGO	MD12391	MD12392	MD12393	MD12394
FUERZA	3,000 lbs.	3,000 lbs.	6,000 lbs.	6,000 lbs.
MANDIBULA	1 1/2"	3"	1 1/2"	3"
CILINDRO	SIMPLE	SIMPLE	TANDEM	TANDEM
PESO	5.22 lbs.	5.48 lbs.	6 lbs.	6.33 lbs.
LONGITUD	10 3/4"	10 3/4"	14 1/2"	14 1/2"
CAPACIDAD DE REMACHE	ALUMINIO 1/8"	ALUMINIO 1/8"	ALUMINIO 3/16"	ALUMINIO 3/16"
	ACERO 3/32"	ACERO 3/32"	ACERO 5/32"	ACERO 5/32"

REMACHADORAS CONEJITO "C" / PNEUMATIC "C" SQUEEZES

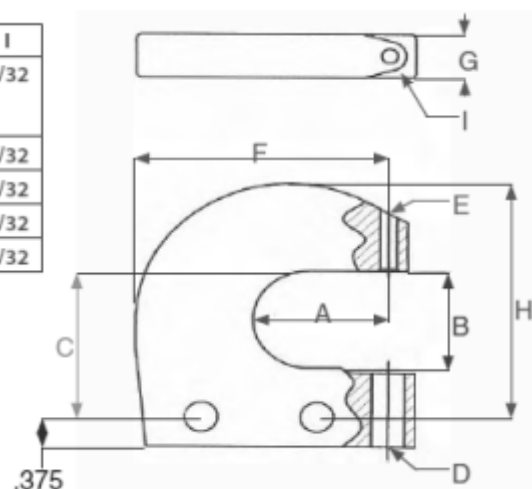
• 30C-30CH



MD30C15

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE PSI (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD30C15	1/8 (3.17)	3/32 (2.36)	11/2 (38.1)	11/16 (17.45)	3000 (13.35)	9/16 (14.27)	1/16 (1.57)	10 1/4 (260.35)	4 1/2 (2.04)
MD30C20	1/8 (3.17)	3/32 (2.36)	2 (50.8)	11/16 (17.45)	3000 (13.35)	9/16 (14.27)	1/16 (1.57)	10 3/4 (273.05)	5 (2.3)
MD30C25	1/8 (3.17)	3/32 (2.36)	2.5 (63.5)	11/16 (17.45)	3000 (13.35)	9/16 (14.27)	1/16 (1.57)	11 (279.4)	5 1/2 (2.49)
MD30C30	1/8 (3.17)	3/32 (2.36)	3 (76.2)	11/16 (17.45)	3000 (13.35)	9/16 (14.27)	1/16 (1.57)	11 1/4 (285.75)	6 (2.72)
MD30CH15	5/32 (4)	3/32 (2.36)	1 1/2 (38.1)	11/16 (17.45)	3800 (19.90)	9/16 (14.27)	1/16 (1.57)	10 1/4 (260.35)	4 1/2 (2.04)
MD30CH20	5/32 (4)	3/32 (2.36)	2 (50.8)	11/16 (17.45)	3800 (19.90)	9/16 (14.27)	1/16 (1.57)	10 3/4 (273.05)	5 (2.3)
MD30CH25	5/32 (4)	3/32 (2.36)	2.5 (63.5)	11/16 (17.45)	3800 (19.90)	9/16 (14.27)	1/16 (1.57)	11 (279.4)	5 1/2 (2.49)
MD30CH30	5/32 (4)	3/32 (2.36)	3 (76.2)	11/16 (17.45)	3800 (19.90)	9/16 (14.27)	1/16 (1.57)	11 1/4 (285.75)	6 (2.72)

YOKE	A	B	C	D	E	F	G	H	I
C15	1 1/2	1 1/4	1 15/16	3/8 or 7/16	3/16 or 1/4	3	9/16	3	9/32
C20	2	1 1/4	1 15/16	3/8	3/16	3 7/16	9/16	3	9/32
C25	2 1/2	1 1/4	2 1/8	3/8	3/16	4 3/8	9/16	3 7/16	9/32
C30	3	1 1/4	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32
C30HD	3	1 1/4	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32



REMACHADORAS CONEJITO "C" / PNEUMATIC "C" SQUEEZES

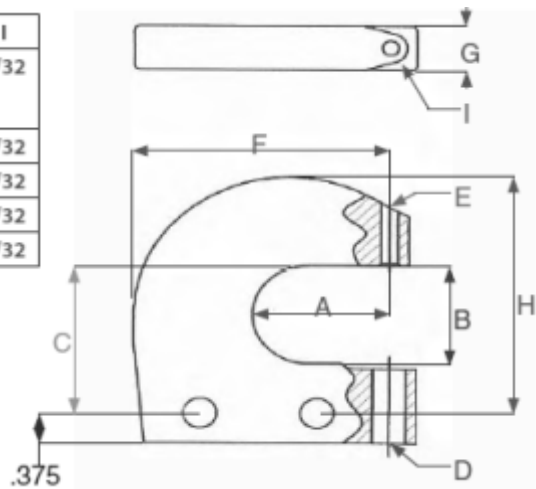
• 60C-60CH



MD60C15

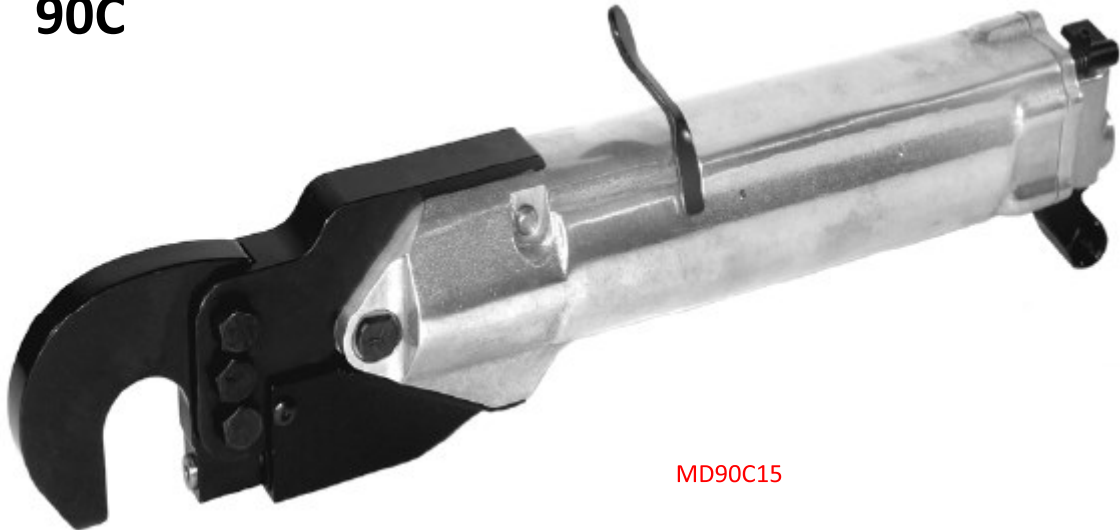
MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD60C15	3/16 (4.75)	5/32 (3.96)	11/2 (38.1)	11/16 (17.45)	6000 (26.70)	9/16 (14.27)	1/16 (1.57)	14 (355.6)	5 1/2 (2.49)
MD60C20	3/16 (4.75)	5/32 (3.96)	2 (50.8)	11/16 (17.45)	6000 (26.70)	9/16 (14.27)	1/16 (1.57)	14 1/2 (368.30)	6 (2.72)
MD60C25	3/16 (4.75)	5/32 (3.96)	2 1/2 (63.5)	11/16 (17.45)	6000 (26.70)	9/16 (14.27)	1/16 (1.57)	14 3/4 (374.65)	6 1/2 (2.95)
MD60C30	3/16 (4.75)	5/32 (3.96)	3 (76.2)	11/16 (17.45)	6000 (26.70)	9/16 (14.27)	1/16 (1.57)	15 (381)	7 (3.18)
MD60C30HD	3/16 (4.75)	5/32 (3.96)	3 (76.2)	11/16 (17.45)	6000 (26.70)	9/16 (14.27)	1/16 (1.57)	15 (381)	7 1/2 (3.40)
MD60CH15	3/16 (4.75) 1/4 (4.75)	5/32 (3.96)	11/2 (38.1)	11/16 (17.45)	7600 (33.81)	9/16 (14.27)	1/16 (1.57)	14 (355.6)	5 1/2 (2.49)
MD60CH20	3/16 (4.75)	5/32 (3.96)	2 (50.8)	11/16 (17.45)	7600 (33.81)	9/16 (14.27)	1/16 (1.57)	14 1/2 (368.30)	6 (2.72)
MD60CH25	3/16 (4.75)	5/32 (3.96)	2.5 (63.5)	11/16 (17.45)	7600 (33.81)	9/16 (14.27)	1/16 (1.57)	14 3/4 (374.65)	6 1/2 (2.95)
MD60CH30	3/16 (4.75)	5/32 (3.96)	3 (76.2)	11/16 (17.45)	7600 (33.81)	9/16 (14.27)	1/16 (1.57)	15 (381)	7 (3.18)
MD60CH30HD	3/16 (4.75)	5/32 (3.96)	3 (76.2)	11/16 (17.45)	7600 (33.81)	9/16 (14.27)	1/16 (1.57)	15 (381)	7 1/2 (3.40)

YOKE	A	B	C	D	E	F	G	H	I
C15	1 1/2	1 1/4	1 15/16	3/8 or 7/16	3/16 or 1/4	3	9/16	3	9/32
C20	2	1 1/4	1 15/16	3/8	3/16	3 7/16	9/16	3	9/32
C25	2 1/2	1 1/4	2 1/8	3/8	3/16	4 3/8	9/16	3 7/16	9/32
C30	3	1 1/4	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32
C30HD	3	1 1/4	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32



REMACHADORAS CONEJITO "C" / PNEUMATIC "C" SQUEEZES

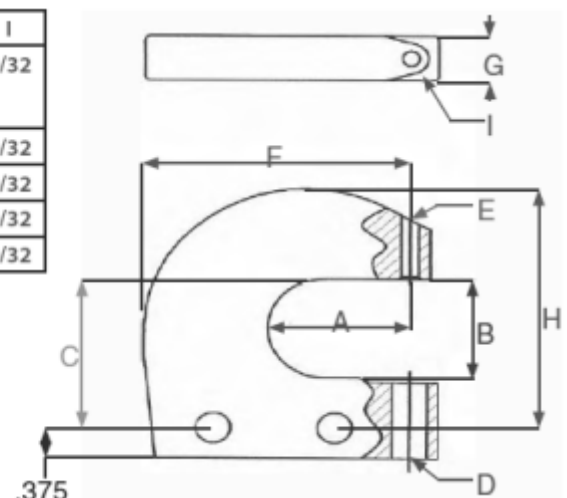
• 90C



MD90C15

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE PSI (kn)	MOVING JAW		OVERALL LENGTH INCHES (mm)	WEIGHT WITH JAWS LBS. (kgs)
	Alum.	Steel	REACH	Closed Ht.		MAX TRAVEL INCHES (mm)	STROKE AT MAX POWER INCHES (mm)		
MD90C15	1/4 (6.35)	3/16 (4.75)	11/2 (38.1)	11/16 (17.45)	9000 (40.05)	9/16 (14.27)	1/16 (1.57)	18 3/4 (476.25)	8 1/2 (3.86)
MD90C20	1/4 (6.35)	3/16 (4.75)	2 (50.8)	11/16 (17.45)	9000 (40.05)	9/16 (14.27)	1/16 (1.57)	19 1/4 (488.95)	9 (4.08)
MD90C25	1/4 (6.35)	3/16 (4.75)	2.5 (63.5)	11/16 (17.45)	9000 (40.05)	9/16 (14.27)	1/16 (1.57)	19 1/2 (495.30)	9 1/2 (4.31)
MD90C30	1/4 (6.35)	3/16 (4.75)	3 (76.2)	11/16 (17.45)	9000 (40.05)	9/16 (14.27)	1/16 (1.57)	19 3/4 (501.65)	10 (4.54)
MD90C30HD	1/4 (6.35)	3/16 (4.75)	3 (76.2)	11/16 (17.45)	9000 (40.05)	9/16 (14.27)	1/16 (1.57)	19 3/4 (501.65)	10 1/2 (4.77)

YOKE	A	B	C	D	E	F	G	H	I
C15	1 1/2	1 1/8	1 15/16	3/8 or 7/16	3/16 or 1/4	3	9/16	3	9/32
C20	2	1 1/8	1 15/16	3/8	3/16	3 7/16	9/16	3	9/32
C25	2 1/2	1 1/8	2 1/8	3/8	3/16	4 3/8	9/16	3 7/16	9/32
C30	3	1 1/8	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32
C30HD	3	1 1/8	2 1/8	3/8	3/16	4 5/8	9/16	3 1/2	9/32



REMACHADORAS CONEJITO “C” / PNEUMATIC “C” SQUEEZES

- ACAT “C”



MODELO	214C	214C3	TC-720C	TC3-720C
CODIGO	MD12326	MD12327	MD12328	MD12329
FUERZA	3,000 lbs.	3,000 lbs.	6,000 lbs.	6,000 lbs.
MANDIBULA	1 1/2"	3"	1 1/2"	3"
CILINDRO	SIMPLE	SIMPLE	TANDEM	TANDEM
PESO	4.5 lbs.	6.7 lbs.	5.5 lbs.	7.5 lbs.
LONGITUD	10 5/16"	11 1/2"	14"	15 1/2"
CAPACIDAD DE REMACHE	ALUMINIO 1/8"	ALUMINIO 1/8"	ALUMINIO 3/16"	ALUMINIO 3/16"
	ACERO 3/32"	ACERO 3/32"	ACERO 5/32"	ACERO 5/32"

REMACHADORAS CONEJITO “C” / PNEUMATIC “C” SQUEEZES

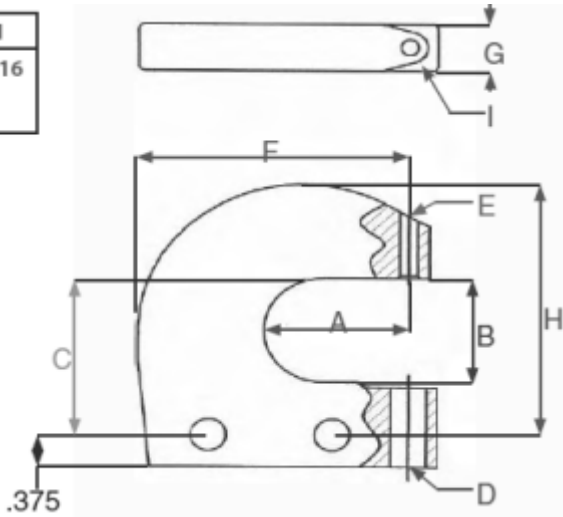
• 444C



MD444CFH21

MODEL NO.	RIVET CAPACITY DIAMETER INCHES (mm)		STANDARD YOKE/JAW DIMENSIONS INCHES (mm)		MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	OVERALL LENGTH		MAX RAM TRAVEL	STROKE AT MAX POWER	WEIGHT LBS. (kgs)
	Alum.	Steel	REACH	GAP		With Out Yoke INCHES (mm)	with standard yoke INCHES (mm)			
MD444CFH21	5/16 (7.9)	1/4 (6.35)	2 1/8 (53.97)	1 1/2 (38.1)	12,000 (53.4)	19 23/32 (500.8)	23 3/16 (588.96)	5/8 (19.05)	3/32 (2.38)	15.5 (7.05)
MD444CSH21	5/16 (7.9)	1/4 (6.35)	2 1/8 (53.97)	1 1/2 (38.1)	12,000 (53.4)	19 23/32 (500.8)	23 3/16 (588.96)	5/8 (19.05)	3.32 (2.38)	16.5 (7.50)

YOKE	A	B	C	D	E	F	G	H	I
C21	2 1/8	1 1/2	2 5/16	1/2	3/16 OR 1/4	4 1/4	1 1/4	3 7/8	5/16



• REMACHADORA MANUAL UNIVERSAL

CODIGO	MANDIBULA
MD12027	1"
MD12028	2"
MD12029	3"



• REMACHADORA MANUAL UNIVERSAL

KITS

Código : MD76201



EL KIT INCLUYE:

- Mandíbulas de 1 1/2 " , 2" y 3 "
- Juegos de embutidores de 3/32 " , 1/8" , 5/32 "y 3/16" extremos macho y hembra.
- Juegos de estampillas para remaches protuberantes de 3/32 " , 1/8" , 5/32 "y 3/16".
- Juegos de estampillas planas de 1/8 " , 3/16" , 1/4 " , 5/16" , 3/8 " , 7/16" y 1/2 " .
- 3 pasadores de cambio rápido
- Estuche de plástico duro estilo FOD.

Código : MD76200



EL KIT INCLUYE:

- Mandíbulas de 1 1/2 " y 3 "
- Juegos de embutidores de 3/32 " , 1/8" , 5/32 "y 3/16" extremos macho y hembra.
- Juegos de estampillas para remaches protuberantes de 3/32 " , 1/8" , 5/32 "y 3/16".
- Juegos de estampillas planas de 1/8 " , 3/16" , 1/4 " , 5/16" , 3/8 " , 7/16" y 1/2 " .
- 3 pasadores de cambio rápido
- Estuche de plástico duro estilo FOD.

• REMACHADORA MANUAL UNIVERSAL



CODIGO	ALCANCE	CAPACIDAD DE REMACHE	FUERZA DE GOLPEO (MAX.)	ABERTURA	INCLUYE
MD12342	4 1/2"	3/16"	9/16"	3 1/2"	CONTROL DE PIE CON GUARDA Y MANGUERA DE 7 PIES



CODIGO	ALCANCE	CAPACIDAD DE REMACHE	FUERZA DE GOLPEO (MAX.)	ABERTURA	INCLUYE
MD12343	10"	3/16"	9/16"	3 1/2"	CONTROL DE PIE CON GUARDA

• 30C-30CH

MODEL NO.	YOKE THICKNESS INCHES (mm)	REACH INCHES (mm)	MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	GAP INCHES (mm)	WEIGHT LBS. (kgs)
MD30C60B	1 3/8 (34.9)	6 (152.4)	3000 (13.35)	3 1/2 (88.9)	31 (14)
MD30C90B	1 5/8 (41.3)	9 1/2 (241.3)	3000 (13.35)	3 1/2 (88.9)	59 (27)
MD30C120B	2 3/8 (60.3)	12 1/2 (317.5)	3000 (13.35)	4 (101.6)	179 (81.4)

MD30C60B



• 60C-60CH

MODEL NO.	YOKE THICKNESS INCHES (mm)	REACH INCHES (mm)	MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	GAP INCHES (mm)	WEIGHT LBS. (kgs)
MD60C60B	1 3/8 (34.9)	6 (152.4)	6000 (26.70)	3 1/2 (88.9)	33 (15)
MD60C90B	1 5/8 (41.3)	9 1/2 (241.3)	6000 (26.70)	3 1/2 (88.9)	61 (28)
MD60C120B	2 3/8 (60.3)	12 1/2 (317.5)	6000 (26.70)	4 (101.6)	181 (82.3)
MD60C180B	2 3/4 (69.85)	18 (457.2)	6000 (26.70)	4 (101.6)	406 (185)

MD60C90B

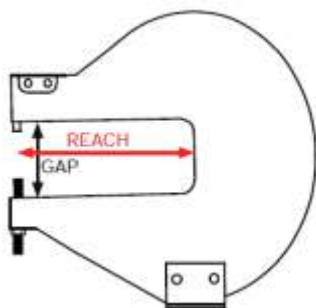


• 90C

MODEL NO.	YOKE THICKNESS INCHES (mm)	REACH INCHES (mm)	MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	GAP INCHES (mm)	WEIGHT LBS. (kgs)
MD90C60B	1 3/8 (34.9)	6 (152.4)	9000 (40.05)	3 1/2 (88.9)	35 (16)
MD90C90B	1 5/8 (41.3)	9 1/2 (241.3)	9000 (40.05)	3 1/2 (88.9)	63 (29)
MD90C90BHD	2 3/8 (69.85)	9 1/2 (241.3)	9000 (40.05)	3 1/2 (88.9)	153 (70)
MD90C120B	2 3/8 (60.3)	12 1/2 (317.5)	9000 (40.05)	4 (101.6)	183 (83)
MD90C180B	2 3/4 (69.85)	18 (457.2)	9000 (40.05)	4 (101.6)	408 (186)



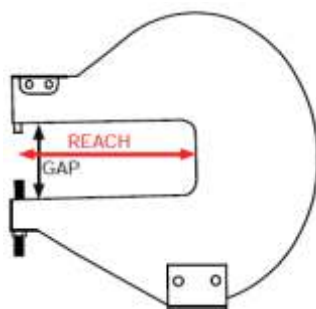
• 444CB



MD444CB240B

MODEL NO.	YOKE THICKNESS INCHES (mm)	REACH INCHES (mm)	MAX FORCE w/90 PSI (6.21 Bar) AIR PRESSURE (kn)	GAP INCHES (mm)	WEIGHT LBS. (kgs)
MD444CB120BHD	2 3/8 (60.3)	12 1/2 (317.5)	12,000 (53.38)	4 (101.6)	190 (86.4)
MD444CB180B	2 3/4 (69.85)	18 (457.2)	12,000 (53.38)	4 (101.6)	415 (189)
MD444CB240B	3 1/4 (82.3)	24 (610)	12,000 (53.38)	6 (152.4)	1015 (461.4)

• 458CB



MD458CB180B

MODEL NO.	YOKE THICKNESS INCHES (mm)	REACH INCHES (mm)	MAX FORCE w/70 PSI (4.83 Bar) AIR PRESSURE (kn)	GAP INCHES (mm)	WEIGHT LBS. (kgs)
MD458CB180B	3 3/4 (95.25)	18 (457.2)	22,000 (97.9)	6 (152.4)	1015 (461.4)
MD458CB240B	3 3/4 (95.25)	24 (610)	22,000 (97.9)	6 (152.4)	1350 (613)

* CONSULTAR MEDIDAS

• REMACHES PROTUBERANTES



CODIGO	MD10111	MD10112	MD10113	MD10114	MD10115
DIAMETRO	3/32"	1/8"	5/32"	3/16"	1/4"
ESPEJOR	1/4"	1/4"	1/4"	1/4"	1/4"
EJE	3/16"	3/16"	3/16"	3/16"	3/16"
TIPO DE REMACHE	AN470	AN470	AN470	AN470	AN470

• REMACHES PROTUBERANTES (PERFIL BAJO)



CODIGO	MD11220	MD11221	MD11222	MD11223	MD10117
DIAMETRO	3/32"	1/8"	5/32"	3/16"	1/8" PLANA
ALTURA	1/8"	1/8"	1/8"	1/8"	1/8"
EJE	3/16"	3/16"	3/16"	3/16"	3/16"
TIPO DE REMACHE	AN470	AN470	AN470	AN470	AN470

• REMACHES PROTUBERANTES (PERFIL BAJO)



CODIGO	MD10117	MD11200	MD11201	MD11202	MD10116	MD11203	MD11204
DIAMETRO	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
ESPEJOR	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
EJE	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
TIPO DE REMACHE	AN470	AN470	AN470	AN470	AN470	AN470	AN470

*** CONSULTAR MEDIDAS**

• SEMI-TUBULAR (FLARING)

CODIGO	MD26203	MD26204	MD26205	MD26206
DIAMETRO	3/32"	1/8"	5/32"	3/16"
EJE	3/16"	3/16"	3/16"	3/16"
TIPO DE REMACHE	AN450	AN450	AN450	AN450



• SEMI-TUBULAR (ANVIL)

CODIGO	MD26213	MD26214	MD26215	MD26216
DIAMETRO	3/32"	1/8"	5/32"	3/16"
EJE	3/16"	3/16"	3/16"	3/16"
TIPO DE REMACHE	AN450	AN450	AN450	AN450



• BACR15FT

CODIGO	MD10932	MD10933	MD10934	MD10935
DIAMETRO	5/32"	3/16"	7/32"	1/4"
TIPO DE REMACHE	BOEING	BOEING	BOEING	BOEING



• EMBUTIDORES (MACHO Y HEMBRA)



CODIGO	MD10131	MD10132	MD10133	MD10134	MD10136	MD10137	MD10138
DIAMETRO	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
EJE	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"

- BUTEROLAS CONEJITO Y EMBUTIDORES**

Código : MD76100



EL KIT INCLUYE:

14 piezas

- Embutidores machos y hembras de 3/32", 1/8", 5/32" y 3/16".
- Buterolas conejito para remaches protuberantes de 3/32", 1/8", 5/32" y 3/16".
- Buterolas conejito planas 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" y 1/2".

- BUTEROLAS CONEJITO**

Código : MD76101



EL KIT INCLUYE:

11 piezas

- Buterolas conejito para remaches protuberantes de 3/32", 1/8", 5/32" y 3/16".
- Buterolas conejito planas 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" y 1/2".

- EMBUTIDORES (MACHOS Y HEMBRAS)**

Código : MD76102



EL KIT INCLUYE:

4 piezas

- Embutidores machos y hembras de 3/32", 1/8", 5/32" y 3/16".

BUTEROLAS REMACHADO / RIVETS SETS

BUTEROLAS PLANAS Y CURVAS AN470



1/2"

PLANAS		CURVAS
CODIGO	DIAMETRO	
MD10301	3/32"	MD10310
MD10302	1/8"	MD10311
MD10303	5/32"	MD10312
MD10304	3/16"	MD10313
MD10305	1/4"	MD10314
MD10306	FLUSH	-



2 1/2"

CODIGO	DIAMETRO
MD10021	3/32"
MD10022	1/8"
MD10023	5/32"
MD10024	3/16"
MD10025	1/4"

3 1/2"

PLANAS		CURVAS
CODIGO	DIAMETRO	CODIGO
MD10001	3/32"	MD10007
MD10002	1/8"	MD10008
MD10003	5/32"	MD10009
MD10004	3/16"	MD10010
MD10005	1/4"	MD10011



7 1/2"

PLANAS		CURVAS
CODIGO	DIAMETRO	CODIGO
MD10061	3/32"	MD10066
MD10062	1/8"	MD10067
MD10063	5/32"	MD10068
MD10064	3/16"	MD10069
MD10065	1/4"	MD10070



5 1/2"

PLANAS		CURVAS
CODIGO	DIAMETRO	CODIGO
MD10041	3/32"	MD10046
MD10042	1/8"	MD10047
MD10043	5/32"	MD10048
MD10044	3/16"	MD10049
MD10045	1/4"	-

10 1/2"



CODIGO	MD10401	MD10402	MD10403	MD10404
DIAMETRO	3/32"	1/8"	5/32"	3/16"

BUTEROLAS ESPECIALES



5 1/2"

DOBLE CURVA

CODIGO	DIAMETRO
MD10061	3/32"
MD10062	1/8"
MD10063	5/32"
MD10064	3/16"



*ENVASES DE 10 UNIDADES

SNAP SOCS

CODIGO	MD10330	MD10331	MD10332	MD10333	MD10334
DIAMETRO	3/32"	1/8"	5/32"	3/16"	1/4"
COLOR	BLANCO	NARANJA	VERDE	AMARILLO	AZUL



BACR15FT

PLANAS		CURVAS
CODIGO	DIAMETRO	CODIGO
MD10001	3/32"	MD10001
MD10002	1/8"	MD10002
MD10003	5/32"	MD10003
MD10004	3/16"	MD10004



7 1/2"

CUELLO CISNE

CODIGO	DIAMETRO
MD10061	3/32"
MD10062	1/8"
MD10063	5/32"
MD10064	3/16"

Ideal para áreas difíciles.

Nuestras Buterolas de cuello de cisne son de acero de alta aleación y tratados térmicamente para eliminar roturas y entregar un remache de arrastre firme. Las copas están muy pulidas y todos los conjuntos tienen un vástago .401.



BUTEROLA PLANA "SUICIDE"

Utilizar este conjunto de color para entrar en esas áreas difíciles de alcanzar.

Vástago: .401 Diámetro: 1/2" Largo: 3 1/2"

Código : MD50192



BUTEROLA PLANA COBRE

Estas Buterolas tienen una cara suave para evitar daños a los fasteners cuando se insertan o quitan.

Vástago: .401 Diámetro: 1" Largo: 3 1/8"

Código : MD10078



BUTEROLA PLANA ALUMINIO

La cara suave de esta Buterola de aluminio ayuda a eliminar daños al remachar.

Vástago: .401 Diámetro: 1" Largo: 3 1/8"

Código : MD10146



BUTEROLA PLANA NYLON

Esta Buterola de nylon está diseñada para reducir el daño potencial durante el remachado.

Vástago: .401 Diámetro: 1" Largo: 3 1/8"

Código : MD10146



• ESTAMPILLA PLANA EN "T"

Este conjunto "T" es perfecto para alcanzar esas áreas difíciles e incómodas.

Vástago: .401

Código : MD10710



• ESTAMPILLA PLANA EN "C" CON ORIFICIO DE 3/16"

Utilice esta estampilla de 90 ° "C" para abrirse camino en áreas de difícil acceso. Tiene un orificio de 3/16 "de diámetro en la parte superior para usar juegos de embutidores o estampillas para conejito con ejes de 3/16 ".

Vástago: .401

Código : MD10198



• ESTAMPILLA PLANA EN "C"

Cuando los ángulos están en su contra, este ángulo de 60º serie "C" puede entrar en puntos de acceso limitado.

Vástago: .401

Código : MD10076



• ESTAMPILLA PLANA EN "J" CON ORIFICIO DE

El conjunto "J" es para llegar a esas áreas difíciles de alcanzar. Esta herramienta presenta un orificio de 1/4 "de diámetro en la parte superior para poder usar juegos de embutidores o estampillas para conejito con ejes de 1/4 ".

Vástago: .401

Código : MD10169



• ESTAMPILLA PLANA EN "J"

El conjunto "J" es ideal para alcanzar obstáculos en áreas de acceso limitado.

Vástago: .401

Código : MD10172



• ELEPHANT LEG RIVET SET .187

Esta herramienta le permite instalar una variedad de remaches y fasteners en áreas de difícil acceso. Utiliza juegos estándar de 3/16" de estampillas para conejito y embutidores.

Vástago: .401

Longitud total: 4 1/2"

Longitud de pie: 1"

Código : MD10766



• ELEPHANT LEG RIVET SET .401

Esta herramienta le permite instalar una variedad de remaches y fasteners en áreas de difícil acceso. Acepta cualquier herramienta con un vástago .401 estándar, como conjuntos de remaches, estampillas planas, adaptadores y más.

Vástago: .401

Longitud total: 4 1/2"

Longitud de pie: 1"

Código : MD10767



- **ESTAMPILLA PLANA
ESTANDAR 1"**

Vástago: .401
Diámetro: 1"
Longitud total: 2 1/2"



Código : MD10170

- **ESTAMPILLA PLANA
1 1/4" CON ANILLO DE GOMA**

Vástago: .401 Diámetro: 1 1/4"
Longitud total: 2 1/2"



Código : MD10082

- **ESTAMPILLA PLANA
2" NO-MAR**

Vástago: .401 Longitud total: 2 1/4"
Diámetro: 2"



Código : MD10129

- **ESTAMPILLA PLANA
3/4"**

Vástago: .401
Diámetro: 3/4"
Longitud total: 2"



Código : MD10130

- **ESTAMPILLA PLANA
OSCILANTE 1 1/4"**

Vástago: .401
Diámetro: 1 1/4"
Longitud total: 3"



Código : MD10175

- **ESTAMPILLA PLANA
OSCILANTE**

Vástago: .401
Diámetro: 1 1/8"
Longitud total: 3 3/4"



Código : MD10100

- **ESTAMPILLA PLANA
OSCILANTE 3/4"**

Vástago: .401
Diámetro: 3/4"
Longitud total: 3"



Código : MD18180

- **ESTAMPILLA PLANA
1 1/4"**

Vástago: .401
Diámetro: 1 1/4"
Longitud total: 3 1/2"



Código : MD10249

- **ESTAMPILLA PLANA
2"**

Vástago: .401
Diámetro: 2"
Longitud total: 3"



Código : MD10177

ESTAMPILLAS PLANAS / FLUSH RIVETS SETS

- **ESTAMPILLA PLANA
ESTANDAR 1"**

Vástago: .401

Diámetro: 1"

Longitud total: 5 1/2"



Código : MD10090

- **ESTAMPILLA PLANA
ESTANDAR 1"**

Vástago: .401

Diámetro: 1"

Longitud total: 7 1/2"



Código : MD10270

- **ESTAMPILLA PLANA
CURVA 3/4"**

Vástago: .401

Diámetro: 3/4"

Longitud total: 3"



Código : MD10700

- **ESTAMPILLA PLANA
CURVA 1"**

Vástago: .401

Diámetro: 1"

Longitud total: 3 1/2"



Código : MD10701

- **ESTAMPILLA PLANA
CURVA 1"**

Vástago: .401

Diámetro: 1"

Longitud total: 5 1/2"



Código : MD10702

- **ESTAMPILLA PLANA
CURVA 1"**

Vástago: .401

Diámetro: 1"

Longitud total: 7 1/2"



Código : MD10703

KITS
DE 4 - 8 PCS

INFÓRMATE



ENTIVES DE WOLFRAMIO/ TUNGSTEN BUCKING BARS

Los entives del futuro están hechos de tungsteno, ¡y están disponibles en M&D Aeroespacial!

Nuestras barras de refuerzo fabricadas con tungsteno son más seguras de usar porque vibran mucho menos, lo que reduce el riesgo de lesiones, según un reciente estudio universitario.

Hay muchos tamaños y formas disponibles, todo lo que necesita para fijar remaches de aluminio macizo.

Todos nuestros entives de tungsteno están hechos de 90% de wolframio.

Todos los bordes están desbarbados y las superficies de trabajo están pulidas para un uso sin problemas.

TUS MANOS TE LO AGRADECERÁN.

• **1.16 LBS.**



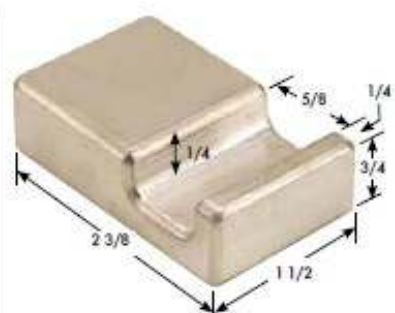
Código : MD74100

• **1.07 LBS.**



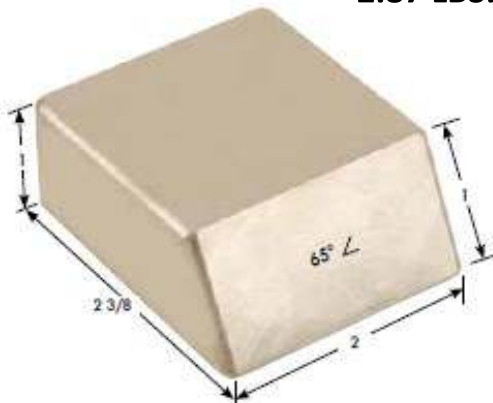
Código : MD74101

• **1.31 LBS.**



Código : MD74103

• **2.87 LBS.**



Código : MD74102

• **1.2 LBS.**



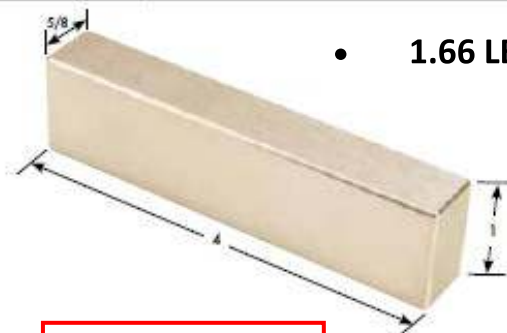
Código : MD74104

• **1.79 LBS.**



Código : MD74205

• **1.66 LBS.**

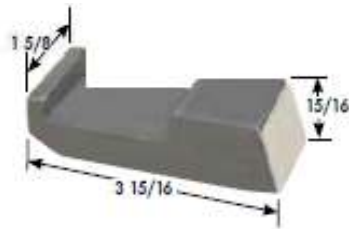


Código : MD74210



• 2 LBS.

Código : MD15000



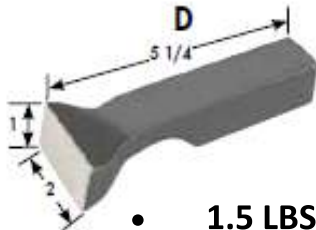
• 1.25 LBS.

Código : MD15001



• 1.25 LBS.

Código : MD15012



• 1.5 LBS.

Código : MD15058



• 1.7 LBS.

Código : MD15002



• 2 LBS.

Código : MD15004



• 5.35 LBS.

Código : MD15008



• 1 LBS.

Código : MD15009



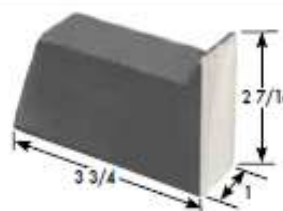
• 2 LBS.

Código : MD15013



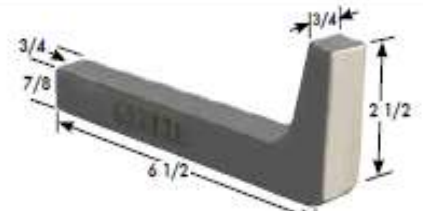
• 1.5 LBS.

Código : MD15015



• 1.76 LBS.

Código : MD15018



• 1.3 LBS.

Código : MD15024



• 1.82 LBS.

Código : MD15031



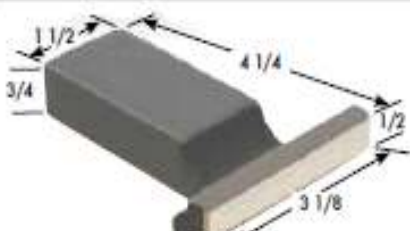
• 1.6 LBS.

Código : MD15034



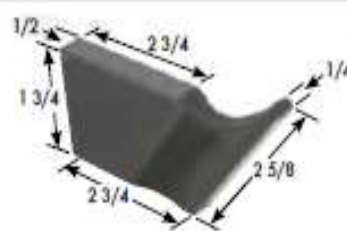
• 1.6 LBS.

Código : MD15038



• 1.2 LBS.

Código : MD15039



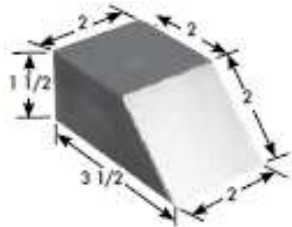
• 0.83 LB.

Código : MD15040



• 1.4 LBS.

Código : MD15041



• **2.3 LBS.**

Código : MD15047



• **.70 LB.**

Código : MD15049



• **2.44 LBS.**

Código : MD15053



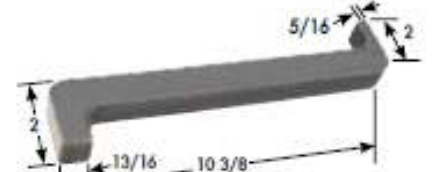
• **2.36 LBS.**

Código : MD15088



• **2.15 LBS.**

Código : MD15089



• **3.15 LBS.**

Código : MD15090



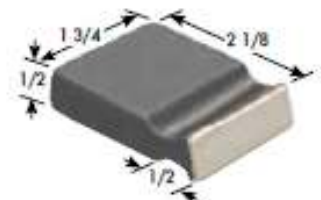
• **1.12 LBS.**

Código : MD15091



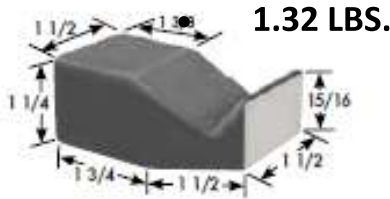
• **.41 LB.**

Código : MD71001



• **.5 LB.**

Código : MD71025



1.32 LBS.

Código : MD71032



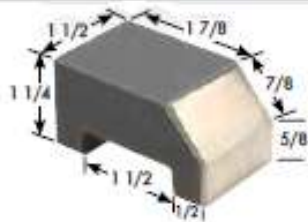
• **3.5 LBS.**

Código : MD71036



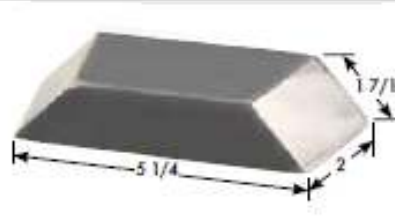
• **.62 LB.**

Código : MD71037



• **.9 LB.**

Código : MD71038



• **2.7 LBS.**

Código : MD71039



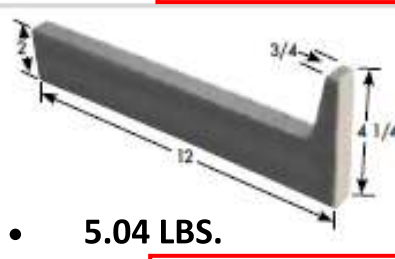
• **2.86 LBS.**

Código : MD71055



• **1.03 LBS.**

Código : MD71074



• **5.04 LBS.**

Código : MD71081



• **1.8 LBS.**

Código : MD71083

INSTALACION PINZAS CLECO / CLECO INSTALLATION TOOLS

- **PISTOLA AERO-FAST PINZAS CLECOS CILINDRICAS AF-5100**

Código : MD12265

Para la instalación y extracción de cecos cilíndricos. Cuenta con un botón de retroceso bloqueable, un gatillo de velocidad variable y una tapa de vinilo en el extremo de la herramienta para ayudar a prevenir daños en la piel del avión. El casquillo de guía ayuda a alinear el cleco con la herramienta con facilidad.

RPM: 2,800 Peso: 1.92 lbs Longitud: 8"



- **PISTOLA AIR-FORCE PINZAS CLECOS CILINDRICAS**

Código : MD12257

Esta herramienta se utiliza para instalar y eliminar cecos cilíndricos de forma rápida y sin esfuerzo. Cuenta con un botón de retroceso bloqueable en la parte superior de la herramienta, gatillo de velocidad variable y un cómodo mango de goma para menos fatiga del operador. El casquillo de guía ayuda a alinear el cleco con la herramienta con facilidad.

RPM: 2,000 Peso: 2.5 lbs Longitud: 10"



- **PISTOLA ZEPHYR PINZAS CLECOS CILINDRICAS KCB2000**

Código : MD12258

Esta herramienta se utiliza para instalar y eliminar cecos cilíndricos de forma rápida y sin esfuerzo.

RPM: 2,000 Peso: 2.36 lbs Longitud: 9 1/2"



- **PISTOLA TEXAS PINZAS CLECOS HEXAGONALES**

Código : MD12680

Esta herramienta se usa para instalar y extraer cecos de tuercas hexagonales de forma rápida y sin esfuerzo. Cuenta con un botón de retroceso bloqueable en la parte superior de la herramienta, gatillo de velocidad variable y un agarre de goma cómodo para una menor fatiga del operador.

RPM: 2,000 Peso: 2.07 lbs Longitud: 10"



- **PISTOLA SIOUX PINZAS CLECOS HEXAGONALES**

Código : MD12224

SSR6P25

Esta pistola Sioux® está diseñada para instalar y quitar de forma rápida y sencilla cecos de estilo tuerca hexagonal. Diseñado para años de servicio, esta herramienta bien equilibrada es cómoda de usar y reduce la fatiga del operador. La herramienta se invierte con el clic de un botón.

RPM: 2,500 Peso: 2.7 lbs Longitud: 10 1/2"



- **INSTALADOR/DESINSTALADOR PINZAS CLECO**

Código : MD13750

Una herramienta de agarre en línea que instala y elimina rápida y fácilmente cecos de primavera. La nariz de la herramienta gira para que la palanca nunca se interponga. Evita que sus manos dañen el estrés repetitivo. Funciona en todos los tipos de primavera cecos. Cuenta con una manguera trenzada de poliuretano de 69".



PINZAS CLECO ESTANDAR

MODELO	DIAMETRO	GRIP	CODIGO
K	3/32"	0-1/4"	MD11011
K	1/8"	0-1/4"	MD11012
K	5/32"	0-1/4"	MD11013
K	3/16"	0-1/4"	MD11014
K	1/4"	0-1/4"	MD11017



MODELO	DIAMETRO	GRIP	CODIGO
K	1/16"/#50	0-1/4"	MD11050
K	7/64"	0-1/4"	MD11074
K	K144/#27	0-1/4"	MD11075
K	K177/#16	0-1/4"	MD11077
K	7/32"	0-1/4"	MD11016



MODELO	DIAMETRO	GRIP	CODIGO
K	2.50MM	0-1/4"	MD11320
K	3.00MM	0-1/4"	MD11321
K	3.50MM	0-1/4"	MD11322
K	4.00MM	0-1/4"	MD11323



MODELO	DIAMETRO	GRIP	CODIGO
KK	3/32"	0-1/4"	MD11018
KK	1/8"	0-1/4"	MD11019
KK	5/32"	0-1/4"	MD11020
KK	3/16"	0-1/4"	MD11021



MODELO	DIAMETRO	GRIP	CODIGO
KHD	3/32"	0-1/2"	MD11000
KHD	1/8"	0-1/2"	MD11001
KHD	5/32"	0-1/2"	MD11002
KHD	3/16"	0-1/2"	MD11003
KHD	7/32"	0-1/2"	MD11004
KHD	1/4"	0-1/2"	MD11005



PINZAS CLECO HEXAGONALES

MODELO	DIAMETRO	GRIP	CODIGO
KHN	3/32"	0-1/2"	MD11150
KHN	1/8"	0-1/2"	MD11151
KHN	5/32"	0-1/2"	MD11152
KHN	3/16"	0-1/2"	MD11153
KHN	7/32"	0-1/2"	MD11500
KHN	1/4"	0-1/2"	MD11154
KHN	5/16"	0-1/2"	MD11169



MODELO	DIAMETRO	GRIP	CODIGO
KHNL	3/32"	0-1"	MD11155
KHNL	1/8"	0-1"	MD11156
KHNL	5/32"	0-1"	MD11157
KHNL	3/16"	0-1"	MD11158
KHNL	7/32"	0-1"	MD11510
KHNL	1/4"	0-1"	MD11159
KHNL	5/16"	0-1"	MD11160
KHNL	3/18"	0-1"	MD11161



MODELO	DIAMETRO	GRIP	CODIGO
KHNEL	3/32"	1/2-1 1/2"	MD11162
KHNEL	1/8"	1/2-1 1/2"	MD11163
KHNEL	5/32"	1/2-1 1/2"	MD11164
KHNEL	3/16"	1/2-1 1/2"	MD11165
KHNEL	1/4"	1/2-1 1/2"	MD11166
KHNEL	5/16"	1/2-1 1/2"	MD11167



MODELO	DIAMETRO	GRIP	CODIGO
KHNK	1/8"	1 1/2-2 1/2"	MD11520
KHNEL	5/32"	1 1/2-2 1/2"	MD11521
KHNEL	3/16"	1 1/2-2 1/2"	MD11522
KHNEL	7/32"	1 1/2-2 1/2"	MD11523
KHNEL	1/4"	1 1/2-2 1/2"	MD11524
KHNEL	5/16"	1 1/2-2 1/2"	MD11525



- PINZAS CLECO HEXAGONALES CON PALOMETA**

MODELO	DIAMETRO	GRIP	CODIGO
KWN	3/32"	0-1/2"	MD11170
KWN	1/8"	0-1/2"	MD11171
KWN	5/32"	0-1/2"	MD11172
KWN	3/16"	0-1/2"	MD11173
KWN	1/4"	0-1/2"	MD11574



MODELO	DIAMETRO	GRIP	CODIGO
KWNL	3/32"	0-1"	MD11175
KWNL	1/8"	0-1"	MD11176
KWNL	5/32"	0-1"	MD11177
KWNL	3/16"	0-1"	MD11178
KWNL	7/32"	0-1"	MD11580
KWNL	1/4"	0-1"	MD11179



MODELO	DIAMETRO	GRIP	CODIGO
KWNEL	3/32"	1/2-1 1/2"	MD11185
KWNEL	1/8"	1/2-1 1/2"	MD11186
KWNEL	5/32"	1/2-1 1/2"	MD11187
KWNEL	3/16"	1/2-1 1/2"	MD11188
KWNEL	1/4"	1/2-1 1/2"	MD11190



MODELO	DIAMETRO	GRIP	CODIGO
KWNK	1/8"	1 1/2-2 1/2"	MD11192
KWNK	5/32"	1 1/2-2 1/2"	MD11193
KWNK	3/16"	1 1/2-2 1/2"	MD11194
KWNK	1/4"	1 1/2-2 1/2"	MD11195



- PINZAS CLECO CILINDRICAS

MODELO	DIAMETRO	GRIP	CODIGO
CBX	3/32"	0-1/2"	MD11112
CBX	1/8"	0-1/2"	MD11113
CBX	5/32"	0-1/2"	MD11114
CBX	3/16"	0-1/2"	MD11115
CBX	7/32"	0-1/2"	MD11134
CBX	1/4"	0-1/2"	MD11116
CBX	5/16"	0-1/2"	MD11133
CBX	3/8"	0-1/2"	MD11132



MODELO	DIAMETRO	GRIP	CODIGO
CBXL	3/32"	0-1"	MD11117
CBXL	1/8"	0-1"	MD11118
CBXL	5/32"	0-1"	MD11119
CBXL	3/16"	0-1"	MD11120
CBXL	7/32"	0-1"	MD11141
CBXL	1/4"	0-1"	MD11121
CBXL	5/16"	0-1"	MD11140
CBXL	3/8"	0-1"	MD11139



MODELO	DIAMETRO	GRIP	CODIGO
CBXEL	3/32"	1/2-1 1/2"	MD11122
CBXEL	1/8"	1/2-1 1/2"	MD11123
CBXEL	5/32"	1/2-1 1/2"	MD11124
CBXEL	3/16"	1/2-1 1/2"	MD11125
CBXEL	7/32"	1/2-1 1/2"	MD11126
CBXEL	1/4"	1/2-1 1/2"	MD11137
CBXEL	5/16"	1/2-1 1/2"	MD11136



PINZAS CLECO CILINDRICAS

MODELO	DIAMETRO	GRIP	CODIGO
CBXK	3/32"	1 1/2-2 1/2"	MD11128
CBXK	1/8"	1 1/2-2 1/2"	MD11129
CBXK	5/32"	1 1/2-2 1/2"	MD11130
CBXK	3/16"	1 1/2-2 1/2"	MD11143
CBXK	7/32"	1 1/2-2 1/2"	MD11131
CBXK	1/4"	1 1/2-2 1/2"	MD11144
CBXK	5/16"	1 1/2-2 1/2"	MD11138



MODELO	DIAMETRO	GRIP	CODIGO
CSX	3/32"	0-1/2"	MD11300
CSX	1/8"	0-1/2"	MD11301
CSX	5/32"	0-1/2"	MD11302
CSX	3/16"	0-1/2"	MD11303



TAPONES PINZAS CLECO CILINDRICAS

Código : MD12224



SE UTILIZAN EN LAS PINZAS CLECO DE LAS SERIES:

• K / KK / KHD

Se instalan fácilmente, estas tapas de vinilo evitan estropear el revestimiento de la aeronave.



COLOR	TAMAÑO	CODIGO
GRIS	3/32"	MD11230
NARANJA	1/8"	MD11231
NEGRO	5/32"	MD11232
AZUL	3/16"	MD11233
AMARILLO	1/4"	MD11234
ROJO	5/16"	MD11235

SE UTILIZAN EN LAS PINZAS CLECO DE:

TUERCAS HEXAGONALES



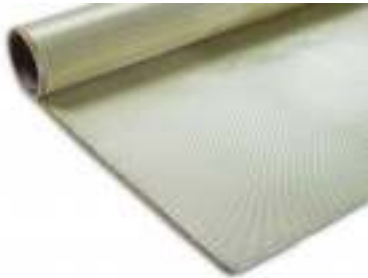
COLOR	TAMAÑO	CODIGO
GRIS	3/32"	MD11101
NARANJA	1/8"	MD11102
NEGRO	5/32"	MD11103
AZUL	3/16"	MD11104
AMARILLO	1/4"	MD11105



HRH-10-F50 GR5.5 – 0.308" - Non-Metallic Honeycomb

Certified To: D210-12012-1-A PDD 8-28 CL 4B

HRH-10-F50 GR5.5 - 0.308" is a non-metallic nomex honeycomb that is typically used as core material in sandwich composite constructions.



KEVLAR 285 - Dry Kevlar Cloth

Certified To: AMS 3902 TY 285

Kevlar® 285 is a 4-harness satin weave aramid fabric. Kevlar® 285 holds its strength through temperatures ranging from -320°F to 800°F. This fabric is 43 percent lighter than fiberglass fabrics with double the strength.



KEVLAR 281 - Dry Kevlar Cloth

Certified To: AMS 3902 TY 281

Kevlar® 281 is a plain weave aramid fabric. Kevlar® 281 holds its strength through temperatures ranging from -320°F to 800°F. This fabric is 43 percent lighter than fiberglass fabrics with double the strength.



BMS 9-8 3K-70-P - Dry Graphite Cloth

Certified To: BMS 9-8 TY1 CL2 GR3 STYLE 3K-70-P

BMS 9-8 3K-70-P is a plain weave dry graphite fabric. This fabric has light weight properties, extreme high strength, while maintaining a fatigue and fire resistant stature.



BMS 9-8 3K-135-8H - Dry Graphite Cloth

Certified To: BMS 9-8 TY1 CL2 STYLE 3K-135-8H

BMS 9-8 3K-135-8H is a 8-harness satin weave dry graphite fabric. This fabric has light weight properties, extreme high strength, while maintaining a fatigue and fire resistant stature.



BMS 9-3 Style 7781 - Dry Fiberglass Cloth

Certified To: BMS 9-3 TY H-3 CL7 STY 7781

AMS-C-9084 TY8B CL1&2

BMS 9-3 Style 7781 is a 8-harness satin weave dry fiberglass fabric. This fabric was designed to prevent stretching and shrinking when exposed to high or low temperatures.



BMS 9-3 Style 1581 - Dry Fiberglass Cloth

Certified To: BMS 9-3 TY H-2 CL7 STY1581

AMS-C-9084 TY8A CL1&2

BMS 9-3 Style 1581 is a 8-harness satin weave dry fiberglass fabric. This fabric was designed to prevent stretching and shrinking when exposed to high or low temperatures.



BMS 9-3 Style 120 - Dry Fiberglass Cloth

Certified To: BMS 9-3 TY D CL 7 ST 120

AMS-C-9084 TY 3 CL 1 & 2

BMS 9-3 Style 120 is a 4-harness satin weave dry fiberglass fabric. This fabric was designed to prevent stretching and shrinking when exposed to high or low temperatures.



BMS 8-79 Style 7781 50" CL3 - Fiberglass Pre-Preg 250 Degree

Certified To: BMS 8-79 Style 7781 50" CL3

BMS 8-79 Style 7781 50" CL3 is a fiberglass pre-preg style 7781 that contains HexPly® F155 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-79 Style 7781 38" CL3 - Fiberglass Pre-Preg 250 Degree

Certified To: BMS 8-79 Style 7781 38" CL3

BMS 8-79 Style 7781 38" CL3 is a fiberglass pre-preg style 7781 that contains HexPly® F155 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-79 Style 1581 38" CL3 - Fiberglass Pre-Preg 250 Degree

Certified To: BMS 8-79 Style 1581 38" CL3

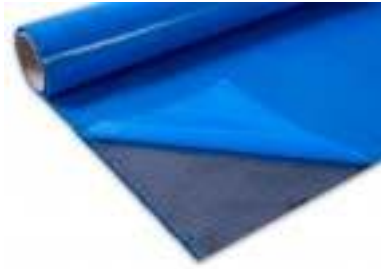
BMS 8-79 Style 1581 38" CL3 is a fiberglass pre-preg style 1581 that contains HexPly® F155 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-79 Style 120 38" CL3 - Fiberglass Pre-Preg 250 Degree

Certified To: BMS 8-79 Style 120 38" CL3

BMS 8-79 Style 120 38" CL3 is a fiberglass pre-preg style 120 that contains HexPly® F155 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-212 3K-70-PW TY4 CL 2 - Graphite Pre-Preg 350 Degree

Certified To: BMS 8-212 3K-70-PW TY4 CL 2

BMS 8-212 3K-70-PW TY4 CL 2 is graphite pre-preg plain weave that contains HexPly® F263 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-168 3K-70-PW TY2&3 - Graphite Pre-Preg 250 Degree

Certified To: BMS 8-168 3K-70-PW TY2&3 CL 2

BMS 8-168 3K-70-PW TY2&3 is a graphite pre-preg plain weave that contains HexPly® F155 resin system. It's an advanced modified epoxy formulation designed for autoclave curing to offer very high laminate strengths.



BMS 8-139 Style 7781 38" CL1 - Fiberglass Pre-Preg 350 Degree

Certified To: BMS 8-139 Style 7781 38" CL1

BMS 8-139 Style 7781 38" CL1 is a fiberglass pre-preg style 7781 that contains HexPly® F161 resin system. It is a high temperature, laminate grade epoxy resin with a 350°F cure.



BMS 8-139 Style 1581 38" CL1 - Fiberglass Pre-Preg 350 Degree

Certified To: BMS 8-139 Style 1581 38" CL1

BMS 8-139 Style 1581 38" CL1 is a fiberglass pre-preg style 1581 that contains HexPly® F161 resin system. It is a high temperature, laminate grade epoxy resin with a 350°F cure.



BMS 8-139 Style 120 38" CL1 - Fiberglass Pre-Preg 350 Degree

Certified To: BMS 8-139 Style 120 38" CL1

BMS 8-139 Style 120 38" CL1 is a fiberglass pre-preg style 120 that contains HexPly® F161 resin system. It is a high temperature, laminate grade epoxy resin with a 350°F cure.



AH370-5H-39" - Dry Graphite Cloth

AH370-5H-39" is a 5-harness satin weave dry graphite fabric. This fabric has light weight properties, extreme high strength, while maintaining a fatigue and fire resistant stature.



7500 Fiberglass Tooling Cloth - Dry Fiberglass Cloth

7500 Fiberglass Tooling Cloth is a volan E-Glass that is designed for tooling or industrial applications.



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