

LHF 202 Hand Tool

Hand Installation Tool designed for small production work and prototyping of smaller sized rivet nuts

Installation Sizes: 6-32 to 1/4-20 (M4 – M6)

LHF 202 (Imperial Tool) Includes: 8-32, 10-24 and 1/4-20 head sets

LHF 202M (Metric Tool) Includes: M4, M5, and M6 head sets

Weight: 2.25 pounds (1 kg)

Dimensions: Fully extended – 20.5" (52.1 cm) long – 24" (61 cm) handle span

Replaces MS 510, MS 511, and MS 480

RIV-FLOAT® CAN BE INSTALLED WITH LHF 202 HAND TOOL

RIV-FLOAT® Mandrel and Anvil Part Numbers listed on page 2

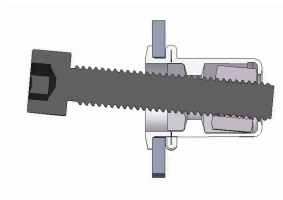


Thread Size	Standard Mandrel	Standard Anvil
6-32	LHFM 0632	LHFA 0632
8-32	LHFM 0832	LHFA 0832
10-24	LHFM 1024	LHFA 10
10-32	LHFM 1032	LHFA 10
1/4-20	LHFM 2520	LHFA 25
1/4-28	LHFM 2528	LHFA 25
M4	LHFM M4	LHFA M4
M5	LHFM M5	LHFA M5
M6	LHFM M6	LHFA M6



Rivet Nut Tool Information

RIV-FLOAT® CAN BE INSTALLED WITH LHF 202 HAND TOOL



Thread Size	RIV-FLOAT® Mandrel
6-32	LHFM 2528
8-32	LHFM 2528
10-32	LHFM 1032
1/4-20	LHFM 2520
M4	LHFM 2528
M5	LHFM M5
M6	LHFM M6

Thread Size	RIV-FLOAT® Anvil
6-32	LHFA 25
8-32	LHFA 25
10-32	LHFA 10RF
1/4-20	LHFA 25RF
M4	LHFA 25
M5	LHFA M5RF
M6	LHFA M6RF

RIV-FLOAT® is covered under U.S. Patent No. 7,713,011

M4 Hand Tool

Heavy Duty Hand Installation Tool designed for small production work and prototyping of larger sized rivet nuts

Installation Sizes: 1/4-20 to 1/2-20 (M6 – M12)

M4 (Imperial Tool) Includes: 1/4-20, 5/16-18, 3/8-16, and 1/2-13 head sets

M4 (Metric Tool) Includes: M6, M8, M10, and M12 head sets

Weight: 3.55 pounds (1.6 kg)

Dimensions: Handle Span Fully extended – 13" (33.0 cm) length – 17" (43.2 cm)



Thread Size	Head Sets (Includes Anvil & Mandrel)	Anvil	Mandrel
1/4-20	MHS-2520	MA-2520	M-2520
1/4-28	MHS-2528	MA-2528	M-2528
5/16-18	MHS-3118	MA-3118	M-3118
5/16-24	MHS-3124	MA-3124	M-3124
3/8-16	MHS-3716	MA-3716	M-3716
3/8-24	MHS-3724	MA-3724	M-3724
1/2-13	MHS-5013	MA-5013	M-5013
1/2-20	MHS-5020	MA-5020	M-5020
M6	MHS-M6	MA-M6	M-M6
M8	MHS-M8	MA-M8	M-M8
M10	MHS-M10	MA-M10	M-M10
M12	MHS-M12	MA-M12	M-M12



Rivet Nut Tool Information

M5 Hand Tool

Ratchet Style Hand Installation tool designed for small production work and prototyping

Installation Sizes: 6-32 to 3/8-24 (M4 – M10)

M5 (Imperial Tool) Includes: 10-32, 1/4-20, 5/16-18, and 3/8-16 head sets

M5 (Metric Tool) Includes: M5, M6, M8, and M10 head sets

Weight: 2.80 pounds (1.25 kg)

Dimensions: **Length:** 5.60" (14.2 cm) **Height:** 7.60" (19.3 cm)



Thread Size	Head Sets (Includes Anvil & Mandrel)	Anvil	Mandrel
6-32	MHS-0632	MA-0632	M-0632
8-32	MHS-0832	MA-0832	M-0832
10-24	MHS-1024	MA-1024	M-1024
10-32	MHS-1032	MA-1032	M-1032
1/4-20	MHS-2520	MA-2520	M-2520
1/4-28	MHS-2528	MA-2528	M-2528
5/16-18	MHS-3118	MA-3118	M-3118
5/16-24	MHS-3124	MA-3124	M-3124
3/8-16	MHS-3716	MA-3716	M-3716
3/8-24	MHS-3724	MA-3724	M-3724
M4	MHS-M4	MA-M4	M-M4
M5	MHS-M5	MA-M5	M-M5
M6	MHS-M6	MA-M6	M-M6
M8	MHS-M8	MA-M8	M-M8
M10	MHS-M10	MA-M10	M-M10

RNHT Installation Tools

Hand Installation tool for small quantity installations or repairs in the field

Requires two wrenches for operation

RIV-FLOAT® CAN BE INSTALLED WITH RNHT INSTALLATION TOOLS

Part Numbers listed on page 6



Thread Size	Part Number
6-32	RNHT-0632
8-32	RNHT-0832
10-24	RNHT-1024
10-32	RNHT-1032
1/4-20	RNHT-2520
1/4-28	RNHT-2528
5/16-18	RNHT-3118
5/16-24	RNHT-3124
3/8-16	RNHT-3716
3/8-24	RNHT-3724
M3	RNHT-M3
M4	RNHT-M4
M5	RNHT-M5
M6	RNHT-M6
M8	RNHT-M8
M10	RNHT-M10



RNHT Installation Tools - KITS



RNHT Installation Tool Kits are available in sizes 6-32 to 3/8-16 (M3 to M10).

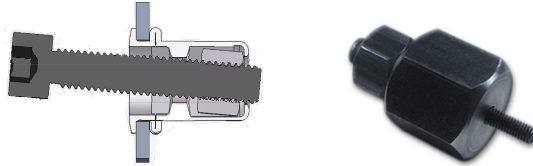
Create your own size kit!

Contact Sherex for current pricing and availability.



RIV-FLOAT® CAN BE INSTALLED WITH RNHT INSTALLATION TOOLS

Requires two wrenches for operation



Thread Size	RNHT RIV-FLOAT® Part Number
6-32	RNHT-2528RF
8-32	RNHT-2528RF
10-32	RNHT-1032RF
1/4-20	RNHT-2520RF
M4	RNHT-2528RF
M5	RNHT-M5RF
M6	RNHT-M6RF

RIV-FLOAT® is covered under U.S. Patent No. 7,713,011



Rivet Nut Tool Information

FLEX-5 Series

*All purpose heavy duty installation tool.
Pull to Pressure & Pull to Stroke Capabilities
Has a Single Stage Trigger & Auto Reverse*

NOTE: The FLEX-5 Series utilizes a standard socket head cap screw mandrel

Rivet Nut Nose Assembly Part Numbers listed on pages 8 through 10

RIV-FLOAT® CAN BE INSTALLED WITH FLEX LINE OF TOOLING

RIV-FLOAT® Head Set Part Numbers listed on page 8

Rivet Nut Stud Head Set Part Numbers listed on page 9

Installation Sizes: 4-40 to 3/8-24 (M3-M10)

Weight: 4.2 pounds

Pulling Force: 5,000 pounds (22 kN)

Stroke: 7mm (0.276 in.)



FLEX-5P

Pull to Pressure Version



FLEX-5S

Pull to Stroke Version

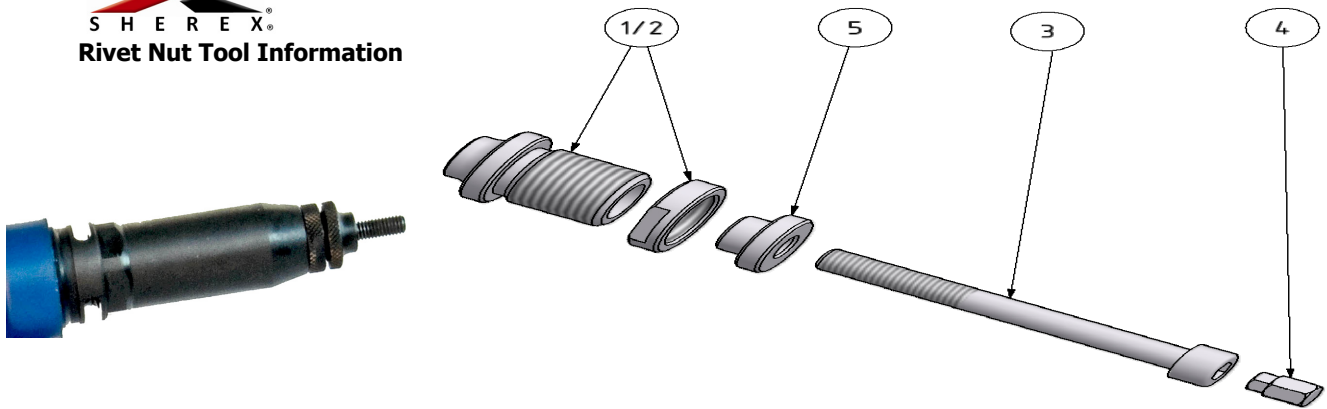
Conversion Kit	Kit Description
FL5-KIT-P2S	Pressure to Stroke Conversion Kit
FL5-KIT-S2P	Stroke to Pressure Conversion Kit



When ordering one of our FLEX Tools, please specify what head assembly you require.

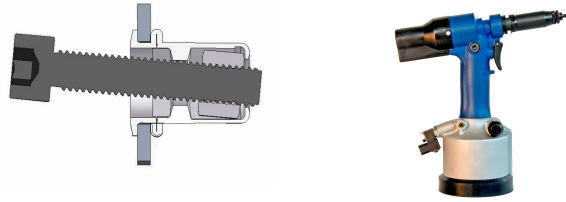
It is recommended to order extra mandrels.

Anvils are minimal wear parts.



 HEAD SET COMPONENT CHART STANDARD RIVET NUTS 					
THREAD SIZE	COMPLETE HEAD SET	1 + 2 ANVIL	3 MANDREL	4 HEX DRIVER	5 REDUCING SLEEVE
M3	FL5-HS-M3	FL5-HS-00903	M-M3-40	FL5-HS-01003	FL5-HS-09103
M4	FL5-HS-M4	FL5-HS-00904	M-M4-55	FL5-HS-01004	FL5-HS-09104
M5	FL5-HS-M5	FL5-HS-00905	M-M5-65	FL5-HS-01005	FL5-HS-09105
M6	FL5-HS-M6	FL5-HS-00906	M-M6-65	FL5-HS-01006	FL5-HS-09106
M8	FL5-HS-M8	FL5-HS-00908	M-M8-65	FL5-HS-01008	FL5-HS-09108
M10	FL5-HS-M10	FL5-HS-00910	M-M10-65	FL5-HS-01010	XXXX
# 4-40 UNC	FL5-HS-0440	FL5-HS-00854	M-0440-175	FL5-HS-00754	FL5-HS-09154
# 6-32 UNC	FL5-HS-0632	FL5-HS-00856	M-0632-175	FL5-HS-00756	FL5-HS-09156
# 8-32 UNC	FL5-HS-0832	FL5-HS-00858	M-0832-175	FL5-HS-00758	FL5-HS-09158
# 10-24 UNC	FL5-HS-1024	FL5-HS-00850	M-1024-250	FL5-HS-00750	FL5-HS-09150
# 10-32 UNF	FL5-HS-1032	FL5-HS-00850	M-1032-250	FL5-HS-00750	FL5-HS-09150
1/4-20 UNC	FL5-HS-2520	FL5-HS-00848	M-2520-250	FL5-HS-00748	FL5-HS-09148
1/4-28 UNF	FL5-HS-2528	FL5-HS-00848	M-2528-250	FL5-HS-00748	FL5-HS-09148
5/16-18 UNC	FL5-HS-3118	FL5-HS-00840	M-3118-250	FL5-HS-00740	FL5-HS-09140
5/16-24 UNF	FL5-HS-3124	FL5-HS-00840	M-3124-250	FL5-HS-00740	FL5-HS-09140
3/8-16 UNC	FL5-HS-3716	FL5-HS-00842	M-3716-250	FL5-HS-00742	XXXX
3/8-24 UNF	FL5-HS-3724	FL5-HS-00842	M-3724-250	FL5-HS-00742	XXXX

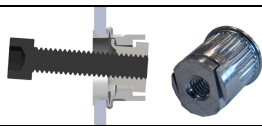
RIV-FLOAT® CAN BE INSTALLED WITH FLEX-5 SERIES



HEAD SET COMPONENT CHART RIV-FLOAT®

THREAD SIZE	COMPLETE HEAD SET	1 + 2 ANVIL	3 MANDREL	4 HEX DRIVER	5 REDUCING SLEEVE
M3	FL5-HS-2528R	FL5-HS-00848	M-2528-225	FL5-HS-00748	FL5-HS-09148
M4	FL5-HS-2528R	FL5-HS-00848	M-2528-225	FL5-HS-00748	FL5-HS-09148
M5	FL5-HS-M5R	FL5-HS-R0995	M-M5-65	FL5-HS-01005	FL5-HS-09105
M6	FL5-HS-M6R	FL5-HS-R0996	M-M6-65	FL5-HS-01006	FL5-HS-09106
# 4-40 UNC	FL5-HS-2528R	FL5-HS-00848	M-2528-225	FL5-HS-00748	FL5-HS-09148
# 6-32 UNC	FL5-HS-2528R	FL5-HS-00848	M-2528-225	FL5-HS-00748	FL5-HS-09148
# 8-32 UNC	FL5-HS-2528R	FL5-HS-00848	M-2528-225	FL5-HS-00748	FL5-HS-09148
# 10-24 UNC	FL5-HS-1024R	FL5-HS-R0950	M-1024-250	FL5-HS-00750	FL5-HS-09150
# 10-32 UNF	FL5-HS-1032R	FL5-HS-R0950	M-1032-250	FL5-HS-00750	FL5-HS-09150
1/4-20 UNC	FL5-HS-2520R	FL5-HS-R0948	M-2520-250	FL5-HS-00748	FL5-HS-09148
1/4-28 UNF	FL5-HS-2528R1	FL5-HS-R0948	M-2528-250	FL5-HS-00748	FL5-HS-09148

RIV-FLOAT® is covered under U.S. Patent No. 7,713,011

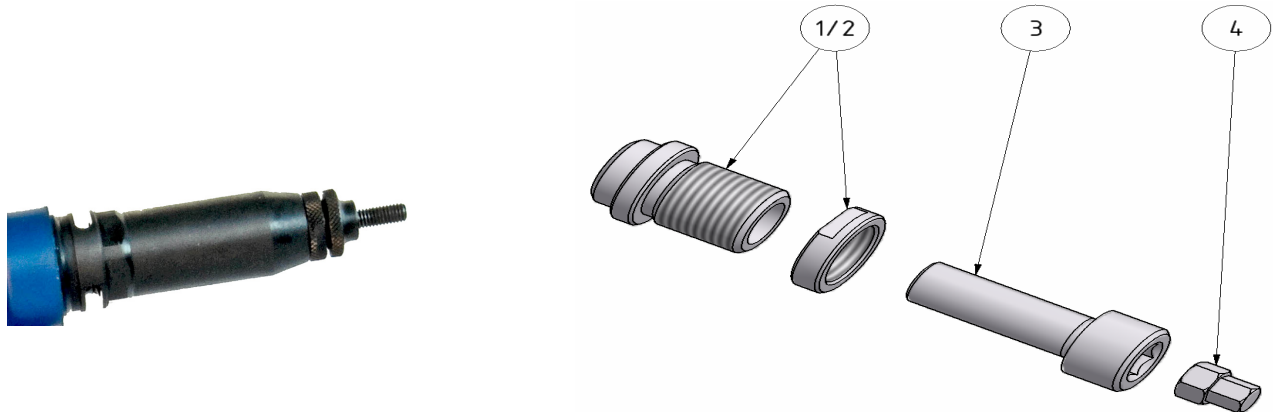


HEAD SET COMPONENT CHART RIV-FLOAT®-SHORT

Patent Pending

THREAD SIZE	COMPLETE HEAD SET	1 + 2 ANVIL	3 MANDREL	4 HEX DRIVER	5 REDUCING SLEEVE
M4	FL5-HS-M4SR	FL5-HS-SR0994	M-M4-55	FL5-HS-01004	FL5-HS-09104
M5	FL5-HS-M5SR	FL5-HS-SR0995	M-M5-65	FL5-HS-01005	FL5-HS-09105
# 8-32 UNC	FL5-HS-0832SR	FL5-HS-SR0858	M-0832-150	FL5-HS-00758	FL5-HS-09158
# 10-24 UNC	FL5-HS-1024SR	FL5-HS-SR0950	M-1024-225	FL5-HS-00750	FL5-HS-09150
# 10-32 UNF	FL5-HS-1032SR	FL5-HS-SR0950	M-1032-225	FL5-HS-00750	FL5-HS-09150

RIVET NUT STUDS CAN BE INSTALLED WITH FLEX-5 SERIES



 HEAD SET COMPONENT CHART RIVET NUT STUDS				
THREAD SIZE	COMPLETE HEAD SET	1 + 2 ANVIL	3 MANDREL	4 HEX DRIVER
M5	FL5-HS-M5S	FL5-HS-S0905	FL5-HS-0S005	FL5-HS-01010
M6	FL5-HS-M6S	FL5-HS-S0906	FL5-HS-0S006	FL5-HS-01010
M8*	FL5-HS-M8S	FL5-HS-S0908	FL5-HS-0S008	FL5-HS-01010
# 10-24 UNC	FL5-HS-1024S	FL5-HS-S0850	FL5-HS-S1024	FL5-HS-01010
# 10-32 UNF	FL5-HS-1032S	FL5-HS-S0850	FL5-HS-S1032	FL5-HS-01010
1/4-20 UNC	FL5-HS-2520S	FL5-HS-S0848	FL5-HS-S2520	FL5-HS-01010
1/4-28 UNF Stud	FL5-HS-2528S	FL5-HS-S0848	FL5-HS-S2528	FL5-HS-01010
5/16-18 UNC*	FL5-HS-3118S	FL5-HS-S0840	FL5-HS-S3118	FL5-HS-01010
5/16-24 UNF*	FL5-HS-3124S	FL5-HS-S0840	FL5-HS-S3124	FL5-HS-01010

*Headsets include p/n FL5-HS-12S92 adaptor nut



Rivet Nut Tool Information

FLEX-18 Tool

*All purpose heavy duty installation tool.
Pull to Pressure & Pull to Stroke Capabilities
Has a Single Stage Trigger & Auto Reverse*

Installation Sizes: 5/16-18 to 3/4-16 (M8-M20)

Weight: 5.1 pounds

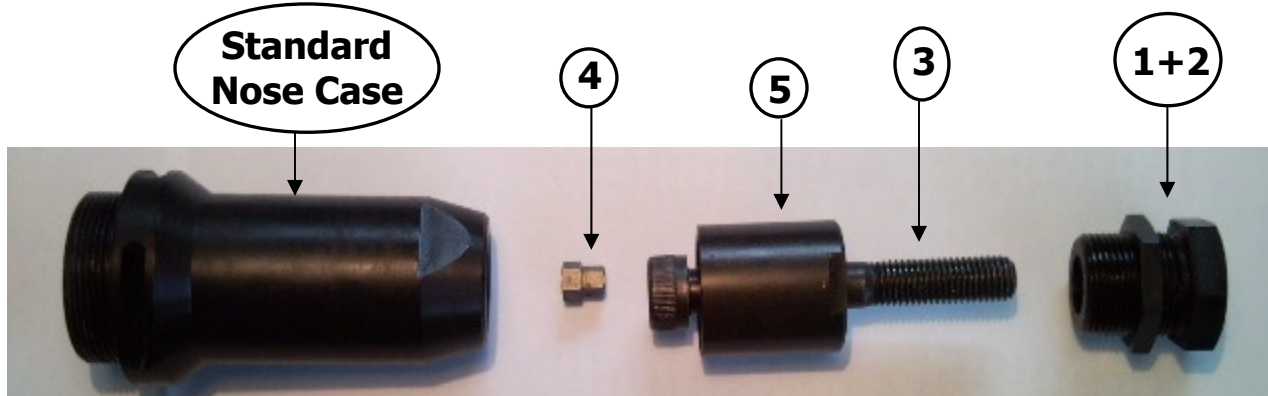
Pulling Force: 18,000 pounds (80 kN)

Stroke: 15mm (0.276 in.)



When ordering one of our FLEX Tools, please
specify what head assembly you require.
It is recommended to order extra mandrels.

*Standard Rivet Nut Head Sets are included in the cost of the tool
Rivet Nut Stud & some RIV-FLOAT® Head Sets incur additional costs*



HEAD SET COMPONENT PRICING CHART

STANDARD NOSE CASE

THREAD SIZE	COMPLETE HEAD SET	1 + 2 ANVIL	3 MANDREL	4 HEX DRIVER	5 ADAPTOR NUT
M8	FL18-HS-M8	FL18-HS-00908	M-M8-65	FL5-HS-01008	FL18-HS-09108
M10	FL18-HS-M10	FL18-HS-00910	M-M10-65	FL5-HS-01010	FL18-HS-09110
M12	FL18-HS-M12	FL18-HS-00912	M-M12-65	FL18-HS-01012	FL18-HS-09112
5/16-18 UNC	FL18-HS-3118	FL18-HS-00908	M-3118-250	FL5-HS-00740	FL18-HS-09108
5/16-24 UNF	FL18-HS-3124	FL18-HS-00908	M-3124-250	FL5-HS-00740	FL18-HS-09108
3/8-16 UNC	FL18-HS-3716	FL18-HS-00910	M-3716-300	FL5-HS-00742	FL18-HS-09110
3/8-24 UNF	FL18-HS-3724	FL18-HS-00910	M-3724-300	FL5-HS-00742	FL18-HS-09110
1/2-13 UNC	FL18-HS-5013	FL18-HS-00950	M-5013-300	FL18-HS-00750	FL18-HS-09150
1/2-20 UNF	FL18-HS-5020	FL18-HS-00950	M-5020-300	FL18-HS-00750	FL18-HS-09150



HEAD SET COMPONENT PRICING CHART LARGE THREAD NOSE CASE			
THREAD SIZE	COMPLETE HEAD SET	1 ANVIL	3 MANDREL
M16	FL18-HS-M16	FL18-HS-00916	M-M16-FL18
5/8-11 UNC	FL18-HS-6211	FL18-HS-00962	M-6211-FL18
3/4-10 UNC	FL18-HS-7510	FL18-HS-00975	M-7510-FL18



Rivet Nut Tool Information

MS 100: Hydro-Pneumatic Tool

*All purpose heavy duty installation tool.
Stroke to distance tool can set rivet nuts in different thickness.
Has a one touch trigger with auto reverse.*

NOTE: You can order the MS 100 with our new nose piece assembly.
This new nose piece utilizes a standard socket head cap screw to replace specially machined mandrels.

Installation Sizes: 5/16-18 to 1/2-20 (M8-M14)

Weight: 6.39 pounds

Pulling Force: 7,643 pounds



MS 100

Thread Size	Standard Mandrel	Standard Anvil
5/16-18	MA-373-3118	MA-369-3118
5/16-24	MA-377-3124	MA-369-3118
3/8-16	MA-374-3716	MA-370-3716
3/8-24	MA-378-3724	MA-370-3716
7/16-14	MA-375-4314	MA-371-4314
7/16-20	MA-301-4320	MA-371-4314
1/2-13	MA-376-5013	MA-372-5013
1/2-20	MA-379-5020	MA-372-5013
M8	MA-308-08MM	MA-318-08MM
M10	MA-310-10MM	MA-320-10MM
M12	MA-312-12MM	MA-322-12MM
M14	MA-312-14MM	MA-324-14MM



MS 100S

Thread Size	Complete Head Assembly	Mandrel	Anvil
5/16-18	SH-50-038-3118	M-3118-400	MA-369-3118
3/8-16	SH-50-038-3716	M-3716-400	MA-370-3716
M8	SH-50-038-8125	M-M8-100	MA-318-08MM
M10	SH-50-038-1015	M-1015-100	MA-320-10MM

Thread Size	Complete Head Assembly	Mandrel	Anvil
1/2-13	SH-50-038-5013	M-5013-400	MA-372-5013
M12	SH-50-038-12175	M-12175-100	MA-322-12MM

When ordering an MS 100, please specify
what mandrel and anvil you require.
It is recommended to order extra mandrels.
Anvils are minimal wear parts.

SSG-800, 900 & 910 Series Torque Tools – Pneumatic Tool

Known as "Spin-Spin Tools," this line of tooling is designed to set the rivet nut to a pre-set torque allowing thin wall rivet nuts to be installed in various material thicknesses with no adjustment to the tool. The SSG 800 Series is the Pistol Grip version of the tool. Our SSG 900 Series is the inline version of the tool which is ideal for vertical installations & our Right Angle Inline version of the tool, the SSG-910 Series is meant for applications that are difficult to access.

These tools are designed to install Sherex CAL, CAK, CAH, CAO, CFT/CAT, CFW/CAW, & CPB Style Rivet Nuts. Features quick change nose piece for head set replacement without tools.



SSG-800
PISTOL STYLE SERIES



SSG-900
INLINE STYLE SERIES



SSG-910
RIGHT ANGLE
INLINE STYLE SERIES

Pistol Grip Tools	RPM	Thread Sizes
SSG-801	3,000	4-40, 6-32, 8-32, M3, M4
SSG-802	1,500	10-24, 10-32, 1/4-20, 1/4-28, M5, M6
SSG-803	600	5/16-18, 5/16-24, 3/8-16, 3/8-24, M8, M10
SSG-804	400	5/16-18, 5/16-24, 3/8-16, 3/8-24, M8, M10 (Higher Torque than the SSG-803)
SSG-808	275	1/2-13, 1/2-20, M12
Inline Tools	RPM	Thread Size
SSG-901	3,000	4-40, 6-32, 8-32, M3, M4
SSG-902	1,500	10-24, 10-32, 1/4-20, 1/4-28, M5, M6
SSG-903	600	5/16-18, 5/16-24, 3/8-16, 3/8-24, M8, M10
Right Angle Inline Tools	RPM	Thread Sizes
SSG-911	2,200	4-40, 6-32, 8-32, M3, M4
SSG-912	1,100	10-24, 10-32, 1/4-20, 1/4-28, M5, M6
SSG-913	400	5/16-18, 5/16-24, 3/8-16, 3/8-24, M8, M10

Head Sets – Tools come with one free head set. Please specify the head set needed when ordering

SSG-800, 900 & 910 Series Torque Tools – Pneumatic Tools

Head Sets – Tools come with one free head set. Please specify the head set needed when ordering

Tool Part Number	Thread Size	Complete Head Assembly	Mandrel	Bearing Set	Hex Driver
SSG 801, 901, & 911 SERIES	4-40	HS-0440	M-0440-150	BS-4	HD-4
	6-32	HS-0632	M-0632-150	BS-6	HD-6
	8-32	HS-0832	M-0832-150	BS-8	HD-8
	M3	HS-M3	M-M3-30	BS-M3	HD-M3
	M4	HS-M4	M-M4-35	BS-M4	HD-M4
SSG 802, 902, & 912 SERIES	10-24	HS-1024	M-1024-175	BS-10	HD-10
	10-32	HS-1032	M-1032-175	BS-10	HD-10
	1/4-20	HS-2520	M-2520-175	BS-25	HD-25
	1/4-28	HS-2528	M-2528-200	BS-25	HD-25
	M5	HS-M5	M-M5-40	BS-M5	HD-M5
	M6	HS-M6	M-M6-40	BS-M6	HD-M6
SSG 803, 903, & 913 SERIES	5/16-18	HS-3118	M-3118-175	BS-31	HD-31
	5/16-24	HS-3124	M-3124-175	BS-31	HD-31
	3/8-16	HS-3716	M-3716-200	BS-37	HD-37
	3/8-24	HS-3724	M-3724-200	BS-37	HD-37
	M8	HS-M8	M-M8-40	BS-M8	HD-M8
	M10	HS-M10	M-M10-45	BS-M10	HD-M10
SSG 804 SERIES	5/16-18	HS-3118	M-3118-175	BS-31	HD-31
	5/16-24	HS-3124	M-3124-175	BS-31	HD-31
	3/8-16	HS-3716	M-3716-200	BS-37	HD-37
	3/8-24	HS-3724	M-3724-200	BS-37	HD-37
	M8	HS-M8	M-M8-40	BS-M8	HD-M8
	M10	HS-M10	M-M10-45	BS-M10	HD-M10
SSG 808 SERIES	1/2-13	HS-5013	M-5013-250	BS-50	HD-50
	1/2-20	HS-5020	M-5020-225	BS-50	HD-50
	M12	HS-M12	M-M12-60	BS-M12	HD-M12