

PRODUCT CATALOG

RidgeGate Tools & Technologies Inc.

RG | AVAK

RIVETING INNOVATIONS

MAXDUTY FLEX

SERIES

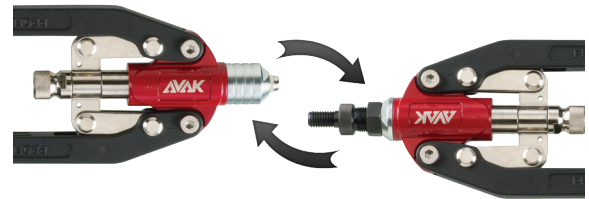
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MaxDuty Flex series multifunctional riveting tool is your solution for fastening rivet, rivet nut (threaded inserts) and rivet stud. This heavy duty riveter has extra-long handles for effortless fastening and with unique FlexHandle feature for easy transport and storage. MaxDuty Flex also features QuickSwitch for fast functional change with 3 steps dismount and 3 steps assembly. MaxDuty Flex tools are capable of fastening both metric and SAE rivet nuts and rivet studs with appropriate mandrels.



3-IN-1 RIVETING TOOL
WIDE RANGE OF ACCESSORIES FOR FASTENING RIVET,
RIVET NUT AND RIVET STUD IN ONE TOOL



QUICKSWITCH 1 > 2 > 3
RAPID FUNCTIONAL CHANGE
3 STEPS DISMOUNT AND 3 STEPS ASSEMBLY



POWERFUL
USE UP TO 6.4MM (1/4") RIVETS, M12(1/2") RIVET NUT AND M8
(5/16") RIVET STUD OF ALL TYPES AND MATERIALS



FLEXIBLE HANDLE
POWERFUL TOOL IN A SMALL PACKAGE
FOR COMPACT STORAGE AND EASY
TRANSPORTATION



MAXDUTY FLEX R

Rivet Function with expandable functions

- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- FlexHandle: For easy storage and transport without losing any power transfer
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- Fastens rivets up to 1/4" (6.4mm)
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MX200	1/8" - 1/4" 3.2 - 6.4mm	Optional	Optional	-



MAXDUTY FLEX N

Rivet Nut Function with expandable functions

- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- FlexHandle: For easy storage and transport without losing any power transfer
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- Fasten Rivet Nuts up to 1/2" or M12
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MX201S		# 8-1/2"		SAE UNC
101-MX201M	Optional	M4-M12	Optional	Metric



MAXDUTY FLEX DUO

2-in-1 Rivet and Rivet Nut with optional Rivet Stud Function

- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- FlexHandle: For easy storage and transport without losing any power transfer
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- Fasten Rivet up to 1/4" (6.4mm) and Rivet Nuts up to 1/2" or M12
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MX202S	1/8" - 1/4"	# 8-1/2"		SAE UNC
101-MX202M	3.2 - 6.4mm	M4-M12	Optional	Metric



MAXDUTY FLEX TRIO

3-in-1 Rivet, Rivet Nut and Rivet Stud Fastening Kit

- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- FlexHandle: For easy storage and transport without losing any power transfer
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- Fasten Rivet up to 1/4" (6.4mm), Rivet Nuts up to 1/2" or M12 and rivet stud 5/16" (M8) rivets for all materials

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MX203S	1/8" - 1/4"	# 8-1/2"	# 8 - 5/16"	SAE UNC
101-MX203M	3.2 - 6.4mm	M4-M12	M4-M8	Metric

MODEL GUIDE

MODEL NUMBER	MAXDUTY FLEX R	MAXDUTY FLEX N		MAXDUTY FLEX DUO		MAXDUTY FLEX TRIO	
PART NO.	101-MX200	101-MX201S	101-MX201M	101-MX202S	101-MX202M	101-MX203S	101-MX203M
RIVET	1/8" - 1/4" 3.2 - 6.4mm	Optional	Optional	1/8" - 1/4" 3.2 - 6.4mm	1/8" - 1/4" 3.2 - 6.4mm	1/8" - 1/4" 3.2 - 6.4mm	1/8" - 1/4" 3.2 - 6.4mm
RIVET NUT	Optional	#8 - 1/2" (SAE UNC)	M4-M12 (Metric)	#8 - 1/2" (SAE UNC)	M4-M12 (Metric)	#8 - 1/2" (SAE UNC)	M4-M12 (Metric)
RIVET STUD	Optional	Optional	Optional	Optional	Optional	#8-5/16" (SAE UNC)	M4-M8 (Metric)
THREAD	-	SAE UNC	Metric	SAE UNC	Metric	SAE UNC	Metric
SIZE (L x W)	520 x 185 mm (Extended)			190 x 290mm (Folded)			
WEIGHT(kg)	1.60						
MATERIAL	ALUMINUM/STEEL						

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ACCESSORIES

INDIVIDUAL PART 1					
FUNCTION	PART	SIZE	PART NO.		
RIVET FUNCTION	Nosepiece	1/8" (3.2mm)	10N-012		
	Nosepiece	5/32" (4.0 mm)	10N-013		
	Nosepiece	3/16" (4.8 mm)	10N-014		
	Nosepiece	1/4" (6.4 mm)	10N-015		
	Nosepiece	1/4" (6.4 mm) Structural	10N-016		
	Jaws	One Size	10J-002		
RIVET NUTS FUNCTION	METRIC ISO261	Mandrel	M4	10M-121M	
		Mandrel	M5	10M-122M	
		Mandrel	M6	10M-123.2M	
		Mandrel	M8	10M-124.2M	
		Mandrel	M10	10M-125M	
		Mandrel	M12	10M-126M	
	SAE UNC	Mandrel	8-32	10M-121S	
		Mandrel	10-24	10M-122S	
		Mandrel	1/4-20	10M-123.2S	
		Mandrel	5/16-18	10M-124.2S	
		Mandrel	3/8-16	10M-125S	
		Mandrel	1/2-13	10M-126S	
		UNF	Please contact us for Part #		
		RIVET STUD FUNCTION	METRIC ISO261	Mandrel	M4
Mandrel	M5			10M-142M	
Mandrel	M6			10M-143M	
Mandrel	M8			10M-144.2M	
SAE UNC	Mandrel		8-32	10M-141S	
	Mandrel		10-24	10M-142S	
	Mandrel		1/4-20	10M-143S	
	Mandrel		5/16-18	10M-144.2S	

INDIVIDUAL PART 2			
FUNCTION	PART	SIZE	PART NO.
RIVET NUTS & RIVET STUDS FUNCTION	Nosepiece	M4 (#8-32)	10N-121
	Nosepiece	M5 (#10-24)	10N-122
	Nosepiece	M6 (1/4"-20)	10N-123
	Nosepiece	M8 (5/16"-18)	10N-124
	Nosepiece	M10 (3/8"-16)	10N-125
	Nosepiece	M12 (1/2"-13)	10N-126
ACCESSORY	Rivet Stem Collector		10B-001

ADD-ON KITS			
FUNCTION	STANDARD	SIZE	PART NO.
RIVET FUNCTION KIT	N/A	1/8"-1/4" 3.2-6.4mm	10FK-041
RIVET NUTS FUNCTION KIT	Metric	M4-M12	10FK-042M
	SAE UNC	#8 - 1/2"	10FK-042S
RIVET STUD FUNCTION KIT	Metric	M4-M8	10FK-043M
	SAE UNC	#8 - 5/16"	10FK-043S

MANDREL EXPANSION SET			
FUNCTION	STANDARD	SIZE	PART NO.
RIVET NUTS MANDREL EXPANSION SET	Metric	M4-M12	10M-133M
	SAE UNC	#8 - 1/2"	10M-133S
RIVET STUD MANDREL EXPANSION SET	Metric	M4-M8	10M-152M
	SAE UNC	#8 - 5/16"	10M-152S

- Rivet Function Kit is for MaxDuty Flex N only
- Rivet Nuts Function Kit and Rivet Stud Function Kit are for MaxDuty Flex R only
- Mandrel Expansion Sets are for MaxDuty Flex N/Duo/Trio or MaxDuty Flex R with "Add-on Kit" only

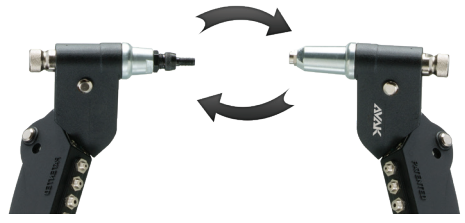
MAXDUTY SWIVEL SERIES



MaxDuty Swivel featuring patented 360° rotating head is the perfect riveting tool for hard to reach places. It is capable of 3 functions, rivet, rivet nut and rivet stud, with ability to use the toughest stainless fasteners in the market with its heavy duty design. MaxDuty Swivel tools also feature unique QuickSwitch for fast functional change with 3 steps dismount and 3 steps assembly and are capable of fastening both metric and SAE rivet nuts and rivet studs with appropriate mandrels. MaxDuty Swivel is designed for the professional that requires flexibility without any compromise to power or performance.



3-IN-1 RIVETING TOOL
WIDE RANGE OF ACCESSORIES FOR FASTENING RIVET, RIVET NUT AND RIVET STUD IN ONE TOOL



QUICKSWITCH 1 2 3
RAPID FUNCTIONAL CHANGE
3 STEPS DISMOUNT AND 3 STEPS ASSEMBLY



POWERFUL
USE UP TO 6.4MM (1/4") RIVETS, M10(3/8") RIVET NUT AND M8 (5/16") RIVET STUD OF ALL TYPES AND MATERIALS



PATENTED SWIVEL HEAD
PATENTED 360° SWIVEL HEAD FOR UNPRECEDENTED ACCESSIBILITY



MAXDUTY SWIVEL R

Rivet Function with expandable functions

- Patented 360° Rotation: Fasten at any angle with patented swivel head
- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design and swivel head
- Fastens rivets up to 1/4" (6.4mm)
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MS200	1/8" - 1/4" 3.2 - 6.4mm	Optional	Optional	-



MAXDUTY SWIVEL N

Rivet Nut Function with expandable functions

- Patented 360° Rotation: Fasten at any angle with patented swivel head
- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design and swivel head
- Fasten Rivet Nuts up to 3/8" or M10
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MS201S	Optional	#8-3/8"	Optional	SAE UNC
101-MS201M		M4-M10		Metric



MAXDUTY SWIVEL DUO

2-in-1 Rivet and Rivet Nut with optional Rivet Stud Function

- Patented 360° Rotation: Fasten at any angle with patented swivel head
- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design and swivel head
- Fasten Rivet up to 1/4" (6.4mm) and Rivet Nuts up to 3/8" or M10
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MS202S	1/8" - 1/4" 3.2 - 6.4mm	#8-3/8"	Optional	SAE UNC
101-MS202M		M4-M10		Metric



MAXDUTY SWIVEL TRIO

3-in-1 Rivet, Rivet Nut and Rivet Stud Fastening Kit

- Patented 360° Rotation: Fasten at any angle with patented swivel head
- QuickSwitch: 3 steps dismount and 3 steps assembly for functional switch
- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design and swivel head
- Fasten Rivet up to 1/4" (6.4mm), Rivet Nuts up to 3/8" or M10 and rivet stud 5/16" (M8) rivets for all materials

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-MS203S	1/8" - 1/4" 3.2 - 6.4mm	#8-3/8"	#8 - 5/16"	SAE UNC
101-MS203M		M4-M10	M4-M8	Metric

MODEL GUIDE

MODEL NUMBER	MAXDUTY SWIVEL R	MAXDUTY SWIVEL N		MAXDUTY SWIVEL DUO		MAXDUTY SWIVEL TRIO	
PART NO.	101-MS200	101-MS201-S	101-MS201-M	101-MS202-S	101-MS202-M	101-MS203-S	101-MS203-M
RIVET	inch mm	1/8" - 1/4" 3.2 - 6.4mm	Optional	Optional	1/8" - 1/4" 3.2 - 6.4mm	1/8" - 1/4" 3.2 - 6.4mm	1/8" - 1/4" 3.2 - 6.4mm
RIVET NUT	Optional	#8 - 3/8" (SAE UNC)	M4-M10 (Metric)	#8 - 3/8" (SAE UNC)	M4-M10 (Metric)	#8 - 3/8" (SAE UNC)	M4-M10 (Metric)
RIVET STUD	Optional	Optional	Optional	Optional	Optional	#8-5/16" (SAE UNC)	M4-M8 (Metric)
THREAD	-	SAE UNC	Metric	SAE UNC	Metric	SAE UNC	Metric
SIZE (L x W)	565 x 200 mm						
WEIGHT(kg)	1.90kg						
MATERIAL	ALUMINUM/STEEL						

ACCESSORIES

INDIVIDUAL PART 1

Function	PART	SIZE	PART NO.	
RIVET FUNCTION	Nosepiece	1/8" (3.2mm)	10N-012	
	Nosepiece	5/32" (4.0 mm)	10N-013	
	Nosepiece	3/16" (4.8 mm)	10N-014	
	Nosepiece	1/4" (6.4 mm)	10N-015	
	Nosepiece	1/4" (6.4 mm) Structural	10N-016	
	Jaws	One Size	10J-002	
RIVET NUTS FUNCTION	METRIC	Mandrel	M4	10M-121M
		Mandrel	M5	10M-122M
		Mandrel	M6	10M-123.2M
		Mandrel	M8	10M-124.2M
		Mandrel	M10	10M-125M
	SAE UNC	Mandrel	8-32	10M-121S
		Mandrel	10-24	10M-122S
		Mandrel	1/4-20	10M-123.2S
		Mandrel	5/16-18	10M-124.2S
		Mandrel	3/8-16	10M-125S
	SAE UNF	Please contact us for Part #		
	RIVET STUD FUNCTION	METRIC	Mandrel	M4
Mandrel			M5	10M-142M
Mandrel			M6	10M-143M
Mandrel			M8	10M-144.2M
SAE UNC		Mandrel	8-32	10M-141S
		Mandrel	10-24	10M-142S
		Mandrel	1/4-20	10M-143S
		Mandrel	5/16-18	10M-144.2S

INDIVIDUAL PART 2

FUNCTION	PART	SIZE	PART NO.
RIVET NUTS & RIVET STUDS FUNCTION	Nosepiece	M4 (#8-32)	10N-121
	Nosepiece	M5 (#10-24)	10N-122
	Nosepiece	M6 (1/4"-20)	10N-123
	Nosepiece	M8 (5/16"-18)	10N-124
	Nosepiece	M10 (3/8"-16)	10N-125

ADD-ON KITS

Function	STANDARD	SIZE	PART NO.
RIVET FUNCTION KIT	N/A	1/8"-1/4" 3.2-6.4mm	10FK-031
RIVET NUTS FUNCTION KIT	Metric	M4-M12	10FK-032M
	SAE UNC	#8 - 1/2"	10FK-032S
RIVET STUD FUNCTION KIT	Metric	M4-M8	10FK-033M
	SAE UNC	#8 - 5/16"	10FK-033S

MANDREL EXPANSION SET

Function	STANDARD	SIZE	PART NO.
RIVET NUTS MANDREL EXPANSION SET	Metric	M4-M12	10M-133M
	SAE UNC	#8 - 1/2"	10M-133S
RIVET STUD MANDREL EXPANSION SET	Metric	M4-M8	10M-152M
	SAE UNC	#8 - 5/16"	10M-152S

- Rivet Function Kit is for MaxDuty Flex N only
- Rivet Nuts Function Kit and Rivet Stud Function Kit are for MaxDuty Flex R only
- Mandrel Expansion Sets are for MaxDuty Flex N/Duo/Trio or MaxDuty Flex R with "Add-on Kit" only

ML100

SERIES

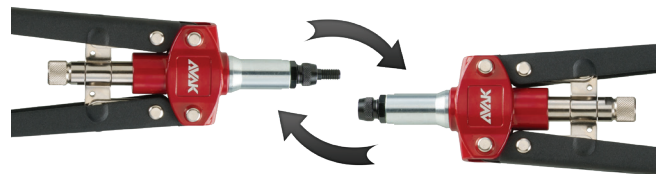


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ML100 series tools are versatile riveting tool capable of 3 functions. Featuring QuickSwitch, ML100 tools allow rapid functional change with 3-steps disassembly and 3-steps assembly. ML100 tools have all metal construction for long-lasting durability and extended handles for extra leverage and effortless riveting. The extended head design permit riveting in hard to reach places with ease. ML100 tools are capable fastening both metric and SAE rivet nuts and rivet studs with corresponding accessories.



3-IN-1 MULTIFUNCTIONAL
FASTEN RIVET, RIVET NUT AND RIVET STUD
WITH ONE SINGLE TOOL



QUICKSWITCH 1 > 2 > 3
3 STEPS DISMOUNT AND 3 STEPS ASSEMBLY



EXTENDED HEAD
EXTENDED HEAD FOR REACHING WORK PIECE DEEP
INSIDE THE MACHINE



EXTENDED HANDLE
12" LONG HANDLE FOR EXTRA LEVERAGE
AND EASY FASTENING



ML100 R

Rivet Function with expandable functions

- Extended handles for extra leverage and effortless riveting
- Die-cast aluminium construction for long-lasting durability
- QuickSwitch: For rapid 3-steps function disassembly and 3-steps assembly
- Reach difficult work piece with the extended head design
- Fasten Rivets up to 3/16" (5.0mm) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-ML100	3/32" - 3/16" 2.4 - 5.0mm	Optional	Optional	-



ML100 N

Rivet Nut Function with expandable functions

- Extended handles for extra leverage and effortless riveting
- Die-cast aluminium construction for long-lasting durability
- QuickSwitch: For rapid 3-steps function disassembly and 3-steps assembly
- Reach difficult work piece with the extended head design
- Fasten rivet nut up to 5/16" (M8) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-ML101S	Optional	#8-5/16"	Optional	SAE UNC
101-ML101M		M4-M8		Metric



ML100 DUO

2-in-1 Rivet and Rivet Nut with optional Rivet Stud Function

- Extended handles for extra leverage and effortless riveting
- Die-cast aluminium construction for long-lasting durability
- QuickSwitch: For rapid 3-steps function disassembly and 3-steps assembly
- Reach difficult work piece with the extended head design
- Fasten rivets up to 3/16"(5.0mm) and rivet nut up to 5/16"(M8) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-ML102S	3/32" - 3/16"	#8-5/16"	Optional	SAE UNC
101-ML102M	2.4 - 5.0mm	M4-M8		Metric



ML100 TRIO

3-in-1 Rivet, Rivet Nut and Rivet Stud Fastening Kit

- Extended handles for extra leverage and effortless riveting
- Die-cast aluminium construction for long-lasting durability
- QuickSwitch: For rapid 3-steps function disassembly and 3-steps assembly
- Reach difficult work piece with the extended head design
- Fasten rivets up to 3/16"(5.0mm), rivet nut up to 5/16"(M8) and rivet studs up to 5/16"(M8) for all materials

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-ML103S	3/32" - 3/16"	#8-5/16"	#8-5/16"	SAE UNC
101-ML103M	2.4 - 5.0mm	M4-M8	M4-M8	Metric

MODEL GUIDE

MODEL NUMBER	ML100 R	ML100 N		ML100 DUO		ML100 TRIO	
PART NO.	101-ML100	101-ML101S	101-ML101M	101-ML102S	101-ML102M	101-ML103S	101-ML103M
RIVET	inch mm	3/32" - 3/16" 2.4 - 5.0mm	Upgrade to ML100 Duo/ Trio	Upgrade to ML100 Duo/ Trio	3/32" - 3/16" 2.4 - 5.0mm	3/32" - 3/16" 2.4 - 5.0mm	3/32" - 3/16" 2.4 - 5.0mm
RIVET NUT		Upgrade to ML100 Duo/ Trio	#8-5/16" (SAE UNC)	M4-M6 (Metric)	#8-5/16" (SAE UNC)	M4-M6 (Metric)	#8-5/16" (SAE UNC)
RIVET STUD		Upgrade to ML100 Duo/ Trio	Upgrade to ML100 Duo/ Trio	Upgrade to ML100 Duo/ Trio	Upgrade to ML100 Duo/ Trio	Upgrade to ML100 Duo/ Trio	#8-5/16" (SAE UNC)
THREAD		-	SAE UNC	Metric	SAE UNC	Metric	SAE UNC
SIZE(mm)		410 x140					
WEIGHT(kg)		1.18					
MATERIAL		ALUMINUM/STEEL					

ACCESSORIES

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INDIVIDUAL PART				
	PART	SIZE	PART NO.	
RIVET FUNCTION	Nosepiece	3/32" (2.4mm)	10N-001	
	Nosepiece	1/8" (3.2mm)	10N-002	
	Nosepiece	5/32" (4.0 mm)	10N-003	
	Nosepiece	3/16" (4.8 mm)	10N-004	
	Jaws	One Size	10J-001	
RIVET NUTS FUNCTION	METRIC	Mandrel	M4	10M-121M
		Mandrel	M5	10M-122M
		Mandrel	M6	10M-123.1M
		Mandrel	M8	10M-124.1M
	SAE UNC	Mandrel	#8-32	10M-121S
		Mandrel	#10-24	10M-122S
		Mandrel	1/4"-20	10M-123.1S
		Mandrel	5/16"-18	10M-124.1S
	SAE UNF	Please contact us for Part #		
	RIVET STUD FUNCTION	METRIC	Mandrel	M4
Mandrel			M5	10M-142M
Mandrel			M6	10M-143M
Mandrel			M8	10M-144.1M
SAE UNC		Mandrel	#8-32	10M-141S
		Mandrel	#10-24	10M-142S
		Mandrel	1/4"-20	10M-143S
		Mandrel	5/16"-18	10M-144.1S

ADD-ON KITS			
RIVET NUT & RIVET STUD FUNCTION	Nosepiece	M4(#8-32)	10N-121
	Nosepiece	M5(#10-24)	10N-122
	Nosepiece	M6(1/4"-20)	10N-123
	Nosepiece	M8(5/16"-18)	10N-124
Accessory	Rivet Stem Collector		10B-001

ADD-ON KITS			
	STANDARD	SIZE	PART NO.
RIVET FUNCTION KIT	N/A	3/32"-3/16" 2.4-5.0mm	10FK-021
RIVET NUTS FUNCTION KIT	Metric	M4-M8	10FK-022M
	SAE UNC	#8 - 5/16"	10FK-022S
RIVET STUD FUNCTION KIT	Metric	M4-M8	10FK-023M
	SAE UNC	#8 - 5/16"	10FK-023S

MANDREL EXPANSION SET			
	STANDARD	SIZE	PART NO.
RIVET NUTS MANDREL EXPANSION SET	Metric	M4-M8	10M-131M
	SAE UNC	#8 - 5/16"	10M-131S
RIVET STUD MANDREL EXPANSION SET	Metric	M4-M8	10M-151M
	SAE UNC	#8 - 5/16"	10M-151S

- Rivet Function Kit is for ML100 N only
- Rivet Nuts Function Kit and Rivet Stud Function Kit are for ML100 R only
- Mandrel Expansion Sets are for ML100 N/Duo/Trio or ML100 R with "Function Add-on Kit" only

SH360 SERIES



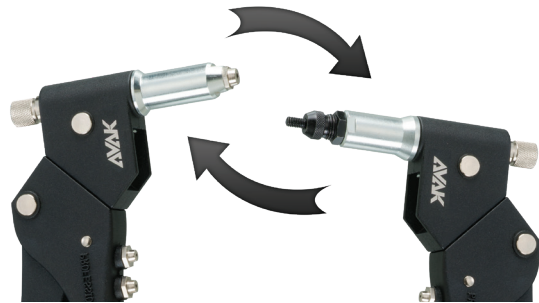
SH360 series multifunctional swivel head riveter is a highly versatile riveter. It is designed to fasten rivets, rivet nuts and rivet studs with a rotatable 360° for easy riveting in odd angle application. SH360 tools feature QuickSwitch with 3 steps dismount and 3 steps assembly for functional changes and the extended nose design allowing it to reach into deep work pieces. SH360 tools are capable fastening both metric and SAE with corresponding accessories.



360° SWIVEL HEAD
FOR FASTENING ODD ANGLE WORK PIECES



EXTENDED NOSE
EXTENDED HEAD FOR
REACHING WORK PIECE DEEP
INSIDE THE MACHINE



QUICKSWITCH 1 2 3
3 STEPS DISMOUNT AND 3 STEPS ASSEMBLY



SH360 R

Rivet Function with expandable functions

- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- 360 ° swivel head allows for any angle operation.
- Spring loaded for automatic rivet stem ejection
- Fasten rivets up to 3/16"(5.0mm) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-SH100	3/32" - 3/16" 2.4 - 5.0mm	Optional	Optional	-



SH360 N

Rivet Nut Function with expandable functions

- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- 360 ° swivel head allows for any angle operation.
- Spring loaded for automatic rivet stem ejection
- Fasten rivet nuts up to 1/4"(M6) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-SH101S		#6-1/4"		SAE UNC
101-SH101M	Optional	M3-M6	Optional	Metric



SH360 DUO

2-in-1 Rivet and Rivet Nut with optional Rivet Stud Function

- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- 360 ° swivel head allows for any angle operation.
- Spring loaded for automatic rivet stem ejection
- Fasten rivets up to 3/16"(5.0mm) and rivet nuts up to 1/4"(M6) for all materials
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-SH102S	3/32" - 3/16"	#6-1/4"		SAE UNC
101-SH102M	2.4 - 5.0mm	M3-M6	Optional	Metric



SH360 TRIO

3-in-1 Rivet, Rivet Nut and Rivet Stud Fastening Kit

- Die-cast aluminium construction for long-lasting durability
- Reach difficult work piece with the extended head design
- 360 ° swivel head allows for any angle operation.
- Spring loaded for automatic rivet stem ejection
- Fasten rivets up to 3/16"(5.0mm) , rivet nuts up to 1/4"(M6) and rivet studs up to 1/4"(M6) for all materials

SKU	Rivet	Rivet Nut	Rivet Stud	Version
101-SH103S	3/32" - 3/16"	#6-1/4"	#8-1/4"	SAE UNC
101-SH103M	2.4 - 5.0mm	M3-M6	M4-M6	Metric

MODEL GUIDE

MODEL NUMBER	SH360 R		SH360 N		SH360 DUO		SH360 TRIO	
PART NO.	101-SH100	101-SH101S	101-SH101M	101-SH102S	101-SH102M	101-SH103S	101-SH103M	
RIVET	inch mm	3/32" - 3/16" 2.4 - 5.0mm	Optional	Optional	3/32" - 3/16" 2.4 - 5.0mm	3/32" - 3/16" 2.4 - 5.0mm	3/32" - 3/16" 2.4 - 5.0mm	3/32" - 3/16" 2.4 - 5.0mm
RIVET NUT	Optional	#6-1/4" (SAE UNC)	M3-M6 (Metric)	#6-1/4" (SAE UNC)	M3-M6 (Metric)	#6-1/4" (SAE UNC)	M3-M6 (Metric)	
RIVET STUD	Optional	Optional	Optional	Optional	Optional	#8-1/4" (SAE UNC)	M4-M6 (Metric)	
THREAD	-	SAE UNC	Metric	SAE UNC	Metric	SAE UNC	Metric	
SIZE(mm)	290 x150							
WEIGHT(kg)	0.90							
MATERIAL	ALUMINUM/STEEL							

ACCESSORIES

INDIVIDUAL PART				
	PART	SIZE	PART NO.	
RIVET FUNCTION	Nosepiece	3/32" (2.4mm)	10N-010	
	Nosepiece	1/8" (3.2mm)	10N-011	
	Nosepiece	5/32" (4.0 mm)	10N-012	
	Nosepiece	3/16" (4.8 mm)	10N-013	
	Jaws	One Size	10J-001	
RIVET NUTS FUNCTION	METRIC ISO261 COARSE	Mandrel	M3	10M-120M
		Mandrel	M4	10M-121M
		Mandrel	M5	10M-122M
		Mandrel	M6	10M-123.1M
	SAE UNC	Mandrel	#6-32	10M-120S
		Mandrel	#8-32	10M-121S
		Mandrel	#10-24	10M-122S
		Mandrel	1/4"-20	10M-123.1S
	SAE UNF	Please contact us for Part #		
	RIVET STUD FUNCTION	METRIC	Mandrel	M4
Mandrel			M5	10M-142M
Mandrel			M6	10M-143M
SAE UNC		Mandrel	#8-32	10M-141S
		Mandrel	#10-24	10M-142S
		Mandrel	1/4"-20	10M-143S
RIVET NUTS & RIVET STUD FUNCTION	Nosepiece	M3(#6-32)	10N-120	
	Nosepiece	M4(#8-32)	10N-121	
	Nosepiece	M5(#10-24)	10N-122	
	Nosepiece	M6(1/4"-20)	10N-123	

ADD-ON KITS			
	STANDARD	SIZE	PART NO.
RIVET FUNCTION KIT	N/A	3/32"-3/16" 2.4-5.0mm	10FK-011
RIVET NUTS FUNCTION KIT	Metric	M3-M6	10FK-012M
	SAE UNC	#6 - 1/4"	10FK-012S
RIVET STUD FUNCTION KIT	Metric	M4-M6	10FK-013M
	SAE UNC	#8 - 1/4"	10FK-013S

MANDREL Expansion SET			
	STANDARD	SIZE	PART NO.
RIVET NUTS MANDREL EXPANSION SET	Metric	M3-M6	10M-130M
	SAE UNC	#6 - 1/4"	10M-130S
RIVET STUD MANDREL EXPANSION SET	Metric	M4-M6	10M-150M
	SAE UNC	#8 - 1/4"	10M-150S

- Rivet Function Kit is for SH360 N only
- Rivet Nuts Function Kit and Rivet Stud Function Kit are for SH360 R only
- Mandrel Expansion Sets are for SH360 N/Duo/Trio or SH360 R with "Add-on Kit" only

CLASSIC

SERIES

AVAK Classic series riveting tools have gone beyond the standards as they stood the test of time of many decades of continuous refinement. These tools have become the basic necessities for many industries and have shown their durability and strength throughout the endless years in industrial applications.



RP10

Plastic Rivet Fastening Tool

- Spring loaded for automatic rivet ejection
- All metal construction for long-lasting durability and strength
- Powerful but light weight design
- Comfortable rubber grips for enhanced comfort

SKU	Rivet
100-RP010	5/32"-1/4" 4.0-6.4mm



S360

Swivel Head Riveter

- Die-cast aluminium construction for long-lasting durability
- 360 ° swivel head allows for any angle operation.
- Spring loaded for automatic rivet stem ejection
- Fasten rivets up to 3/16"(5.0mm) for all materials

SKU	Rivet
100-RS100	3/32"-3/16" 2.4-5.0mm



VIPER

Right Angle Riveter with Light Weight Design

- Spring loaded for automatic rivet ejection
- All metal construction for long-lasting durability and strength
- Powerful but light weight design
- Comfortable rubber grips for enhanced comfort

SKU	Rivet
100-RV010	3/32" - 3/16" 2.4 - 5.0mm



RV100 R

Rivet Function with expandable functions

- Small profile design
- All metal construction for long-lasting durability
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Version
101-RV100	3/32" - 3/16" 2.4 - 5.0mm	Optional	-



RV100 N

Rivet Nut Function with expandable functions

- Small profile design
- All metal construction for long-lasting durability
- Adjustable fixing screws allowing precise stroke length control
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Version
101-RV101S	Optional	#6-1/4"	SAE UNC
101-RV101M		M3-M6	Metric



RV100 Duo

2-in-1 Rivet and Rivet Nut Tool Kit

RV100 Duo combines RV100 R and RV100 N into one convenient package for both rivet and rivet nut fastening. All metal construction with A380 aluminum, RV100 Duo is designed for long-lasting durability. RV100 Duo is capable of both SAE and Metric standard rivet nuts with appropriate mandrels.

- 2-in-1 rivet and rivet nut functions
- Small profile design
- All metal construction for long-lasting durability
- Adjustable fixing screws allowing precise stroke length control
- Expandable with optional accessory kits for additional riveting function

SKU	Rivet	Rivet Nut	Version
101-RV102S	3/32" - 3/16" 2.4-5.0mm	#6-1/4"	SAE UNC
101-RV102M		M3-M6	Metric



MODEL GUIDE

MODEL NUMBER	RP10	S360	VIPER	RV100 R	RV100 N		RV100 DUO		
PART NO.	100-RP010	100-RS100	100-RV010	101-RV100	101-RV101S	101-RV101-M	101-RV102S	101-RV102M	
RIVET	inch mm	5/32"-1/4" 4.0 - 6.4	3/32"-3/16" 2.4-5.0	3/32"-3/16" 2.4-5.0	3/32" - 3/16" 2.4 - 5.0	Optional	Optional	3/32" - 3/16" 2.4-5.0	3/32" - 3/16" 2.4-5.0
RIVET NUT	-	-	-	Optional	#6-1/4" (SAE UNC)	M3-M6 (Metric)	#6-1/4" (SAE UNC)	#8-1/4" (SAE UNC)	
SIZE(mm)	220 x 110	280 x 110	240 x 90	262 x 90					
WEIGHT(kg)	0.50	0.75	0.42	0.56					
MATERIAL	ALUMINUM/STEEL								

ACCESSORIES

INDIVIDUAL PART				ADD-ON KITS (RV SERIES ONLY)			
FUNCTION	PART	SIZE	PART NO.	FUNCTION	STANDARD	SIZE	PART NO.
RIVET FUNCTION	Nosepiece	3/32" (2.4mm)	10N-001	RIVET FUNCTION KIT	N/A	3/32"-3/16" 2.4-5.0mm	10FK-001
	Nosepiece	1/8" (3.2mm)	10N-002				
	Nosepiece	5/32" (4.0 mm)	10N-003	RIVET NUTS FUNCTION KIT	Metric	M3-M6	10FK-002M
	Nosepiece	3/16" (4.8 mm)	10N-004		SAE UNC	#6 - 1/4"	10FK-002S
	Nosepiece (RP10 only)	RP10 1/4" (6.4 mm)	10N-017	MANDREL Expansion SET (RV SERIES ONLY)			
	Jaws	One Size	10J-001	FUNCTION	STANDARD	SIZE	PART NO.
	Jaws (RP10 only)	RP10 One Size	10J-002	RIVET NUTS MANDREL EXPANSION SET	Metric	M3-M6	10M-110M
RIVET NUT MANDREL	Mandrel	M3	10M-100M		SAE UNC	#6 - 1/4"	10M-110S
	METRIC	Mandrel	M4	10M-101M	<ul style="list-style-type: none"> Rivet Function Kit is for RV100 N only Rivet Nuts Function Kit is for RV100 R only Mandrel Expansion Set are for RV100 N/Duo or RV100 R with Add-on Kit only 		
		Mandrel	M5	10M-102M			
		Mandrel	M6	10M-103M			
	SAE UNC	Mandrel	#6-32	10M-100S			
		Mandrel	#8-32	10M-101S			
		Mandrel	#10-24	10M-102S			
SAE UNF	Mandrel	1/4"-20	10M-103S				
	Mandrel	#10-32	10M-102SF				
RIVET NUT NOSEPIECE	METRIC & SAE	Mandrel	1/4"-28	10M-103SF			
		Nosepiece	#6 (M3)	10N-100			
		Nosepiece	#8 (M4)	10N-101			
		Nosepiece	#10 (M5)	10N-102			
Nosepiece	1/4" (M6)	10N-103					



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