

DRILLING • RIVETING • COUNTERSINKING • BUCKING



ATI® TOOLS

A Snap-on Specialty Tools Brand

Snap-on

Specialty Tools

AIRFRAME TOOLING FOR PRODUCTION & MAINTENANCE

Edge Breakers



ATI514

ATI514 Sheet Metal Edge Breaker. Quickly removes burrs or sharp edges from any type of sheet metal stock with a hand shield to prevent injury. NSN #5110-01-428-9676



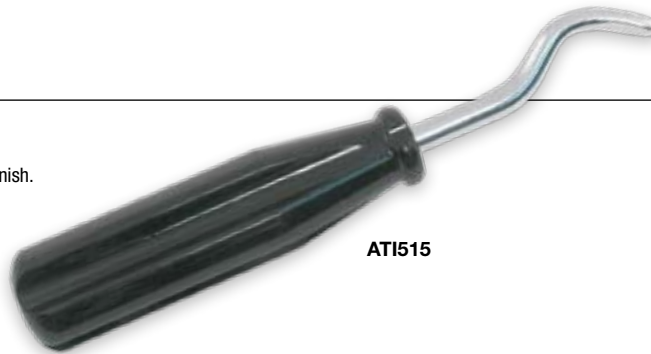
ATISP225

ATISP225 Carbide Double Edge Scraper. Double-sided, indexable, carbide inserts, quickly removes burrs or sharp edges from any type of hardness of sheet metal stock with a hand shield to prevent injury. NSN #5110-01-368-5847

Burnishing Tools

ATI515 Burnish Tool.

Heat-treated blade is hard chrome plated and polished to mirror finish. Designed to remove surface blemishes on material. Large safety handle ensures comfortable grip. NSN #5120-01-428-5626



ATI515

Side Grip Clamps



ATI550SG

ATI550SG Spring Tension Side Grip Clamp - Pliers Operated.

This clamp accommodates a material capacity up to 3/4" thickness and reaches up to 1" in depth. The jaw (cast) with steel spring provides 60 pounds of clamping pressure. May be used in conjunction with optional ATI508S pliers.



ATI551SG

ATI551SG Spring Tension Side Grip Clamp - Pliers Operated.

This clamp accommodates a material capacity up to 3/4" thickness and reaches up to 1/2" in depth. The jaw (cast) with steel spring provides 60 pounds of clamping pressure. May be used in conjunction with optional ATI508S pliers.



ATI552SG

ATI552SG Spring Tension Side Grip Clamp - Pliers Operated.

This clamp accommodates a material capacity up to 1/2" thickness and reaches up to 1" in depth. The jaw (cast) with steel spring provides 60 pounds of clamping pressure. May be used in conjunction with optional ATI508S pliers.

Spring Tension Clamps



ATI542

ATI542 Spring Tension U - Clamp - Pliers Operated.

This clamp accommodates a material capacity up to 7/16" thickness and reaches up to 2" in depth. The Zamak alloy yoke (cast) and a steel spring which provides 70 pounds of clamping pressure. May be used in conjunction with optional ATI508S pliers. NSN #5120-01-428-5605



ATI542S

ATI542S Spring Tension U - Clamp - Pliers Operated.

This clamp accommodates a material capacity up to 7/16" thickness and reaches up to 2" in depth. The steel yoke is used where extreme heat would affect an alloy metal. The steel spring provides 70 pounds of clamping pressure. May be used in conjunction with optional ATI508S pliers. NSN #5120-01-428-5579

Pliers, Spring Tension Clamps



04-4P3

04-4P3 Camloc Plier.

For Camloc Fasteners, stud series 2000, 2700 and 4002.



ATI508S

ATI508S Sheet Holder Plier.

Made from forged steel. Use on plier operated spring tension clamps and all spring loaded type fasteners. NSN #5120-01-368-3971



ATI508SG

ATI508SG Sheet Holder Plier with Grips.

Made from forged steel. Used with spring tension clamps and all spring loaded type fasteners.

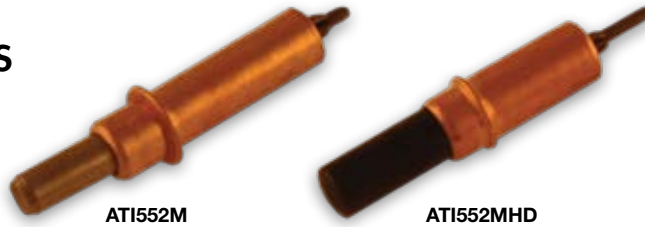


WARNING

- Airframe tooling can cause flying chips.
- Wear safety goggles (user and bystanders).

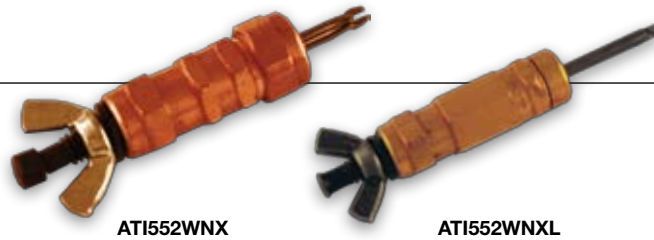


Plier Operated Fasteners



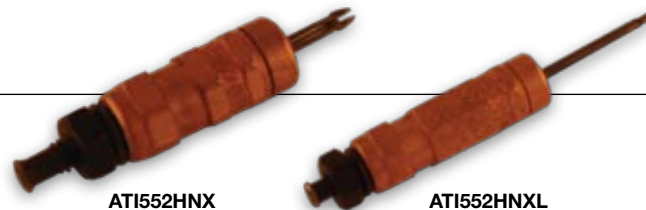
Part Number	Description	Capacity	Drill Size	Material
ATI551M	PLIER OPERATED, Standard	0 - 1/4" capacity,	3/32" size for #40 drill	(Zinc)
ATI552M		0 - 1/4" capacity,	1/8" size for #30 drill	(Copper)
ATI553M	PLIER OPERATED, Heavy Duty, Standard	0 - 1/4" capacity,	5/32" size for #20 drill	(Black)
ATI554M		0 - 1/4" capacity,	3/16" size for #10 drill	(Brass)
ATI556M	PLIER OPERATED, Heavy Duty, Standard	0 - 1/4" capacity,	1/4" size for 1/4" drill	(Copper)
ATIMHD-3/32		0 - 1/2" capacity,	3/32" size for #40 drill	(Zinc)
ATIMHD-1/8	PLIER OPERATED, Heavy Duty, Standard	0 - 1/2" capacity,	1/8" size for #30 drill	(Copper)
ATIMHD-5/32		0 - 1/2" capacity,	5/32" size for #20 drill	(Black)
ATIMHD-3/16	PLIER OPERATED, Heavy Duty, Standard	0 - 1/2" capacity,	3/16" size for #10 drill	(Brass)
ATIMHD-7/32		0 - 1/2" capacity,	7/32" size for #2 drill	(Zinc)
ATIMHD-1/4	PLIER OPERATED, Heavy Duty, Standard	0 - 1/2" capacity,	1/4" size for 1/4" drill	(Copper)

Manually Operated Fasteners



Part Number	Description	Capacity	Drill Size	Material
ATI551WNX	HAND OPERATED, Wing Nut, Standard	0 - 1/2" capacity,	3/32" size for #40 drill	(Zinc)
ATI552WNX		0 - 1/2" capacity,	1/8" size for #30 drill	(Copper)
ATI553WNX	HAND OPERATED, Wing Nut, Standard	0 - 1/2" capacity,	5/32" size for #20 drill	(Black)
ATI554WNX		0 - 1/2" capacity,	3/16" size for #10 drill	(Black)
ATI556WNX	HAND OPERATED, Wing Nut, Long	0 - 1/2" capacity,	1/4" size for 1/4" drill	(Copper)
ATI551WNL		0 - 1" capacity,	3/32" size for #40 drill	(Zinc)
ATI552WNL	HAND OPERATED, Wing Nut, Long	0 - 1" capacity,	1/8" size for #30 drill	(Copper)
ATI553WNL		0 - 1" capacity,	5/32" size for #20 drill	(Black)
ATI554WNL	HAND OPERATED, Wing Nut, Long	0 - 1" capacity,	3/16" size for #10 drill	(Brass)
ATI556WNL		0 - 1" capacity,	1/4" size for 1/4" drill	(Copper)

Power Operated Fasteners



Part Number	Description	Capacity	Drill Size	Material
ATI551HNX	POWER OPERATED, Hex Nut, Standard	0 - 1/2" capacity,	3/32" size for #40 drill	(Zinc)
ATI552HNX		0 - 1/2" capacity,	1/8" size for #30 drill	(Copper)
ATI553HNX	POWER OPERATED, Hex Nut, Standard	0 - 1/2" capacity,	5/32" size for #20 drill	(Black)
ATI554HNX		0 - 1/2" capacity,	3/16" size for #10 drill	(Brass)
ATI556HNX	POWER OPERATED, Hex Nut, Long	0 - 1/2" capacity,	1/4" size for 1/4" drill	(Copper)
ATI551HNXL		0 - 1" capacity,	3/32" size for #40 drill	(Zinc)
ATI552HNXL	POWER OPERATED, Hex Nut, Long	0 - 1" capacity,	1/8" size for #30 drill	(Copper)
ATI553HNXL		0 - 1" capacity,	5/32" size for #20 drill	(Black)
ATI554HNXL	POWER OPERATED, Hex Nut, Long	0 - 1" capacity,	3/16" size for #10 drill	(Brass)
ATI556HNXL		0 - 1" capacity,	1/4" size for 1/4" drill	(Copper)

Carbide Burs

Carbide Burs.

These double cut burs were designed to substantially cut manufacturer's production costs. The design and cut removes more material per hour, engineered for heavy-duty applications, more durable due to the depth of the teeth, more resistant to chipping, wider teeth make longer chips so it breaks up easier and the profile of the teeth are less prone to filling up with chips.



CYLINDER PLAIN

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
1/4"	5/8"	2"	1/4"	SA1	ATI32.546SY	CYL/PLAIN
3/8"	3/4"	2-1/2"	1/4"	SA5	ATI32.552SY	CYL/PLAIN
7/16"	1"	2-1/2"	1/4"	SA4	ATI3255320SY	CYL/PLAIN
1/2"	1"	2-1/2"	1/4"	SA5	ATI32.555SY	CYL/PLAIN
5/8"	1"	2-1/2"	1/4"	SA6	ATI32.558SY	CYL/PLAIN

BALL

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	5/16"	2-1/16"	1/4"	SD3	ATI32.645SY	BALL
7/16"	3/8"	2-1/8"	1/4"	SD4	ATI3264602SY	BALL
1/2"	7/16"	2-3/16"	1/4"	SD5	ATI32.648SY	BALL
5/8"	9/16"	2-5/16"	1/4"	SD6	ATI32.651SY	BALL

CYLINDER RADIUS

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	3/4"	2-1/2"	1/4"	SC3	ATI32.618SY	CYL/RADIUS
7/16"	1"	2-3/4"	1/4"	SC4	ATI3261912SY	CYL/RADIUS
1/2"	1"	2-3/4"	1/4"	SC5	ATI32.621SY	CYL/RADIUS
5/8"	1"	2-3/4"	1/4"	SC6	ATI32.624SY	CYL/RADIUS

OVAL

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	19/32"	2-11/32"	1/4"	SE3	ATI32.663SY	OVAL
1/2"	7/8"	2-5/8"	1/4"	SE5	ATI32.666SY	OVAL
5/8"	1"	2-3/4"	1/4"	SE6	ATI32.669SY	OVAL

CONE POINTED

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	3/4"	2-1/2"	1/4"	SM4	ATI32.747SY	28° ANGLE
1/2"	1"	2-3/4"	1/4"	SM5	ATI32.750SY	28° ANGLE
5/8"	1-1/8"	2-7/8"	1/4"	SM6	ATI32.753SY	28° ANGLE

TREE POINTED

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	3/4"	2-1/2"	1/4"	SG3	ATI32.687SY	TREE/POINTED
1/2"	3/4"	2-1/2"	1/4"	SG13	ATI32.690SY	TREE/POINTED
1/2"	1"	2-3/4"	1/4"	SG5	ATI32.693SY	TREE/POINTED
5/8"	1"	2-3/4"	1/4"	SG6	ATI32.696SY	TREE/POINTED

TREE RADIUS

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	3/4"	2-1/2"	1/4"	SF3	ATI32.705SY	TREE/RADIUS
7/16"	1"	2-3/4"	1/4"	SF4	ATI3270602SY	TREE/RADIUS
1/2"	3/4"	2-1/2"	1/4"	SF13	ATI3270610SY	TREE/RADIUS
1/2"	1"	2-3/4"	1/4"	SF5	ATI32.708SY	TREE/RADIUS
5/8"	1"	2-3/4"	1/4"	SF6	ATI32.711SY	TREE/RADIUS

CONE RADIUS

Head Dia.	Head Length	Overall Length	Shank	SCTI	Bear Cut	Description
3/8"	1-1/16"	2-13/16"	1/4"	SL3	ATI32.726SY	CONE/RADIUS
1/2"	1-1/8"	2-7/8"	1/4"	SL4	ATI32.729SY	CONE/RADIUS
5/8"	1-3/16"	2-15/16"	1/4"	SL5	ATI3273002SY	CONE/RADIUS
3/8"	1-5/16"	3-1/16"	1/4"	SL6	ATI32.732SY	CONE/RADIUS



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