

Non-Sparking  
Non-Magnetic  
Corrosion Resistant  
Hand Tools

AMPCO SAFETY TOOLS



The Original Manufacturer  
of Non-Sparking,  
Non-Magnetic Hand Tools.



MADE IN THE  
**USA**

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## Frequently Asked Questions

- Q: What makes Ampco Safety Tools the dependable choice for use in environments with flammable vapors, liquids, dust or residues?**
- A: AMPCO is the most trusted name in Non-Sparking, Non-Magnetic Hand Tools. Since 1937 Factory Mutual has tested and approved the alloys in Ampco Safety Tools and concluded they are safe in even the most volatile atmospheres. Ampco Safety Tools have been proven to meet or exceed requirements and recommendations from OSHA, NFPA and MSHA for use in flammable environments.
- Q: Can dust and residue buildup cause a hazardous explosion?**
- A: Dust explosions are a significant hazard in manufacturing operations. There is a direct correlation between particle size and its explosive hazard; the smaller the particle the more reactive the dust. The U.S. Chemical Safety Board has stated, "dust can be an insidious hazard wherever finely divided organic materials are used. While some of these materials might appear to present a limited fire hazard, when suspended in air under the right conditions, these same materials can explode with deadly consequences."
- Q: Do Ampco Safety Tools perform as well as steel tools?**
- A: Although Non-Sparking Tools by their nature do not have the same hardness as steel tools, Ampco Safety Tools are designed to perform exceptionally well for their intended use. Ampco Safety Tools carry a lifetime warranty.
- Q: Why should I use Ampco Safety Tools instead of some other Non-Sparking tool brand?**
- A: AMPCO invented Non-Sparking, Non-Magnetic Hand Tools. Our extensive knowledge of these AMPCO patented alloys, coupled with over 90 years of experience, results in the highest quality tools in the market today. We have the largest in-house inventory and our dedicated sales staff ensure your order is delivered on-time. For nearly a decade AMPCO's on-time delivery has exceeded 98%. We do what we say we're going to do!
- Q: Are Non-Sparking tools required by the ATEX Directive 94/9/EC?**
- A: Hand tools are specifically mentioned as out of scope for ATEX; therefore, hand tools cannot be required, approved or certified for use in ATEX zones. If companies are representing hand tools as such, please contact the ATEX authority at [atex@ec.europa.eu](mailto:atex@ec.europa.eu). For more information visit: [www.AmpcoSafetyTools.com/ATEX](http://www.AmpcoSafetyTools.com/ATEX)
- Q: What if I'm unsure if I need Non-Sparking, Non-Magnetic Hand Tools?**
- A: Call us. We can answer your questions.





# Your Safety Is Our Business

AMPCO ... The Most Trusted Name in Non-Sparking,  
Non-Magnetic Hand Tools

Since 1922, Ampco Safety Tools has set the global standard for Non-Sparking, Non-Magnetic, Corrosion Resistant Hand Tools. Our tools are made using AMPCO-invented Factory Mutual approved alloys that perform in high-risk and demanding environments. Buy AMPCO and know you are safe:

- The highest quality is our tradition ... yesterday and today
- Stringent raw material and metallurgical controls and standards
- Custom-designed tools—we are your solution provider
- Industry leading service, expertise and regulatory knowledge

If you can't find what you need, we'd love to hear from you. Call us for support, custom products, answers and solutions. We are your Non-Sparking, Non-Magnetic solution provider.



## Non-Sparking

OSHA, NFPA, MSHA and other Standards Developing Organizations recommend and require the use of Non-Sparking Tools in flammable environments when combustible vapors, liquids, dust or residue are present. An investment in AMPCO Non-Sparking Tools today may help prevent dangerous and costly fires tomorrow!



## Non-Magnetic

AMPCO Non-Magnetic Hand Tools prevent accidents and protect property in medical, military and electronics manufacturing locations. They have been independently tested and found to pose no risk in MRI environments, conforming to ASTM F2503 and also meeting the requirements established by ASTM A342. They are ideal for use near highly sensitive magnetic equipment and in clean room environments.



## Corrosion Resistant

Salt water, chemicals and acids take a toll on standard hand tools. Unlike steel tools, AMPCO Hand Tools provide durability even in the most severe corrosive environments.

## Maintenance and Care

It is important that Non-Sparking Tools are kept clean and free from impregnated particles or contaminants which may impair the Non-Sparking properties of the tool.

## Proper Use

Hand Tools should be selected for their intended use and used only for those purposes for which they are designed. Non-Sparking Hand Tools are by their nature softer and more expensive than steel tools. Proper use is imperative to protect the life of the tool and your investment. For more information visit:

[www.AmpcoSafetyTools.com/ProperUse](http://www.AmpcoSafetyTools.com/ProperUse)

*AMPCO and other copper-based tools should not be used in direct contact with acetylene, amatol, DBX and lead azide.*

*Static sparks can ignite flammable vapors, liquids, dust and residues. The alloys used to make Ampco Safety Tools are highly conductive and must be grounded if there is concern for a static-electric charge. For more information visit: [www.AmpcoSafetyTools.com/StaticCharge](http://www.AmpcoSafetyTools.com/StaticCharge).*

## Lifetime Warranty

If a tool breaks or fails to perform under normal use or service, it will be repaired or replaced at no charge—exceptions include defects resulting from misuse, abuse or normal service wear.

## Custom Tools

If you are looking for a specific tool that you cannot find in our catalog, call us. We are happy to make a single tool for your custom needs.

Proudly Made  
IN THE



**AMPCO SAFETY TOOLS.COM**



Tel.: 972-276-6181  
Toll Free: 1-800-580-9835  
Fax: 972-276-5815  
[Sales@AmpcoSafetyTools.com](mailto:Sales@AmpcoSafetyTools.com)

**Quality Tools for a Safe Workplace — Since 1922**



Hammers, Sledges, Wedges and Striking Wrenches  
Marteaux, masses, coins et clés à frapper  
Martillos, almádenas, cuñas y llaves de impacto

Ampco Safety Tools hammers and sledges are built to break through the toughest conditions. Engineered with your safety and comfort in mind.



AMPCO fiberglass handles were specifically chosen for their vibration control and comfort grip. The Super Grip on our sledges absorbs the shock so you don't have to.

Trust Only Genuine  
Ampco Safety Tools.

When you need to break a frozen nut or bolt free, use AMPCO's striking wrenches with the widest and toughest striking surface in the business.

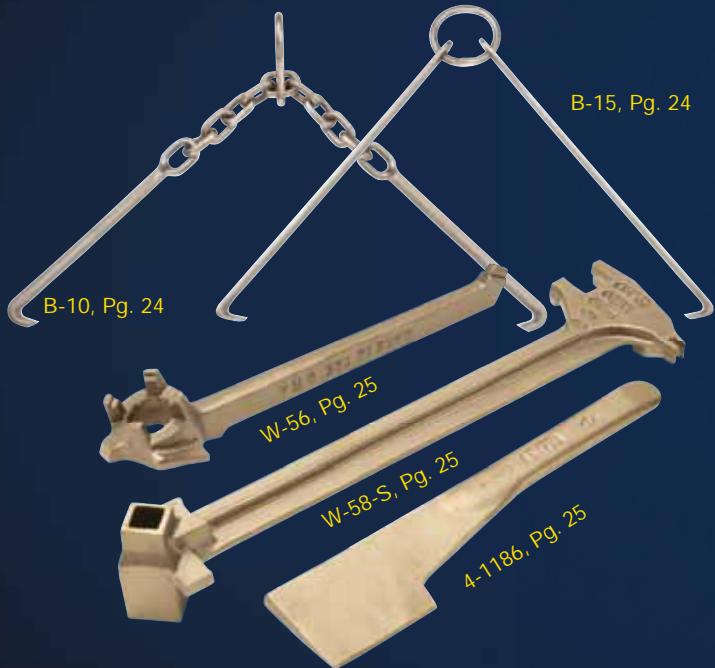


## Housekeeping / Clean-up

### Entretien ménager / nettoyage

### Orden / Limpieza

Prevent combustible dust buildup by using AMPCO's cleaning and maintenance tools. Combustible dust buildup should not exceed the thickness of a dime.



## Drum Tools

### Entretien de la plomberie

### Mantenimiento de tuberías

Safely lift, transport and open drums of flammable or combustible liquids with AMPCO's easy-to-use Barrel Hooks and Drum Tools. Eliminate the need for several wrenches by choosing from our universal Bung Wrenches and Drum Opener. We have the tools that fit your needs.



## Mining Tools

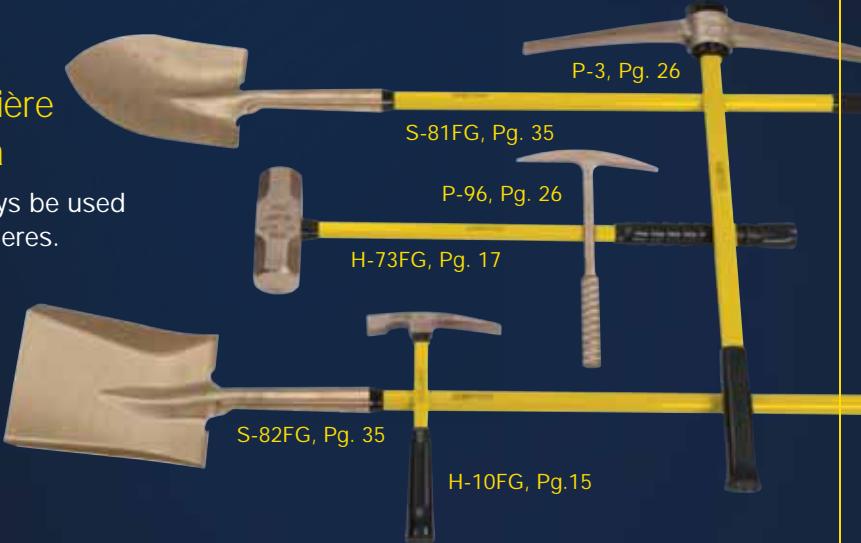
### Outils d'exploitation minière

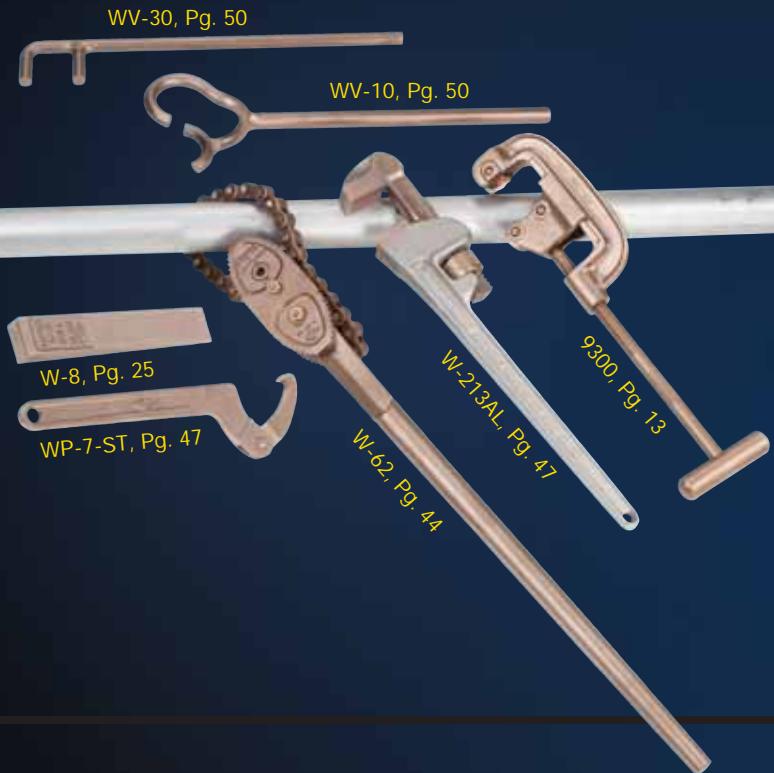
### Herramientas de minería

Non-Sparking tools should always be used in mines with explosive atmospheres.

Use AMPCO punches to open containers of explosives or to punch and prime explosive cartridges.

P-51, Pg. 30





## Pipe Maintenance Outils à baril Herramientas para toneles

If you're working on pipe, choose the best array of tools in the industry.



Call for your free danger sign  
or pipe sticker.

Also available in French and Spanish.



## Non-Magnetic MRI IRM non-magnétique RM no magnética

Magnetic steel tools can unexpectedly launch through the air causing injury or damage to expensive MRI equipment. Protect yourself and equipment by using these MRI certified Non-Magnetic tools for maintenance and repair work.



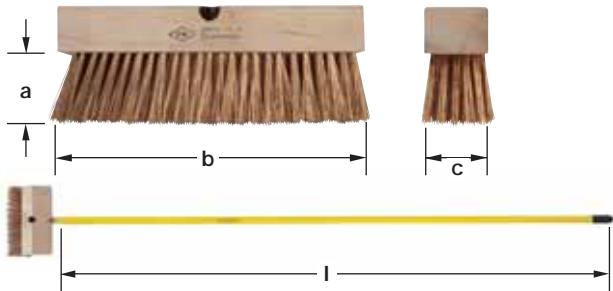
Industry Leading Service, Expertise  
and Regulatory Knowledge.

Call us for Support, Custom  
Products, Answers and Solutions.



## Broom, Round Wire, Push (Handle sold separately)

Balai de rue, fil rond  
Escoba, de Alambre Redondo



No.	Block Size c x b mm inch	Rows	Trim Length a mm inch	$\frac{lb}{g}$ lbs.
PB-10	65 x 305 2-1/2 x 12	- 6 x 26	65 2-1/2	997 2.20
Handle	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{g}$ lbs.
112559C	1475	875	58	1.93

## Brush, Curved Handle, Scratch

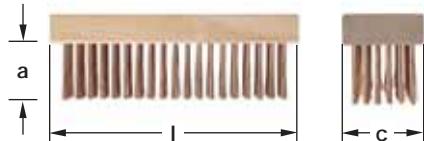
Brosse à manche, fil rond  
Cepillo, de Alambre Redondo



No.	Block Size c x l mm inch	Rows	Trim Length a mm inch	$\frac{lb}{g}$ lbs.
B-400	30 x 350 1-1/8 x 13-3/4	- 4 x 19	30 1-1/8	250 .55

## Brush, Flat Back, Scratch

Brosse à dos plat dure  
Cepillo, de Alambre Redondo



No.	Block Size c x l mm inch	Rows	Trim Length a mm inch	$\frac{lb}{g}$ lbs.
B-401	60 x 185 2-1/4 x 7-1/4	- 6 x 19	45 1-3/4	340 .75

## Brush, Shoe Handle, Scratch

Brosse à manche cintré, fil rond  
Cepillo, de Alambre Redondo



No.	Block Size c x l mm inch	Rows	Trim Length a mm inch	$\frac{lb}{g}$ lbs.
B-399	25 x 255 1 x 10	- 4 x 16	30 1-1/8	205 .45

## Brush, "Toothbrush Style", Scratch

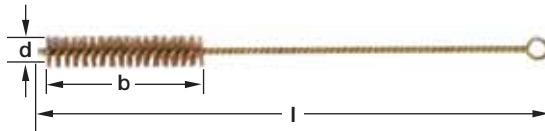
Brosse pour bougies  
Cepillo para Bujías



No.	Block Size c x l mm inch	Rows	Trim Length a mm inch	$\frac{lb}{g}$ lbs.
TB-10	13 x 200 1/2 x 7-7/8	- 3 x 7	13 1/2	45 .10

## Brush, Tube

Goupillon  
Cepillo de Tubo



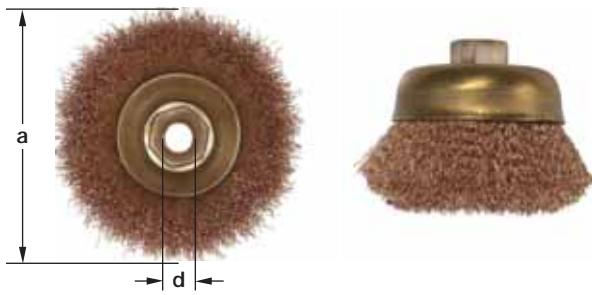
No.	Brush d Width mm inch	Brush b Length mm inch	Overall l Length mm inch	$\frac{lb}{g}$ lbs.
TB-20	20 13/16	100 4	320 12-1/2	200 .44

Trust Only Genuine  
Ampco Safety Tools.



## Brush, Cup, Crimped Wire

Brosse à boisseau, sans tige, fil ondule  
Cepillo de Copa, de Alambre Redo

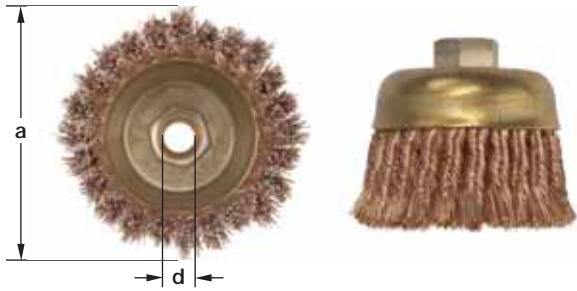


No.	Dia. a mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta\Delta$ g lbs.
CB-30CT	75 3	threaded 5/8-11	.356 .014	12,500 12,500	365 .80
CB-45	100 4	plain 1/2*	.508 .020	8,000 8,000	590 1.30
CB-45CT	100 4	threaded 5/8-11	.356 .014	8,000 8,000	680 1.50
CB-44	150 6	plain 5/8	.508 .020	6,000 6,000	1,270 2.80
CB-44CT	150 6	threaded 5/8-11	.356 .014	6,000 6,000	1,360 3.00

\* Requires Part No. DA-10

## Brush, Cup, Knot Wire

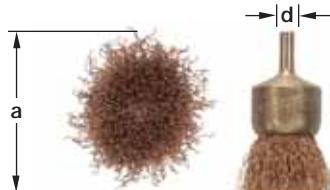
Brosse à boisseau, en faisceaux torsadés  
Cepillo, de Vaso



No.	Dia. a mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta\Delta$ g lbs.
CB-30KT	75 3	threaded 5/8-11	.508 .020	12,500 12,500	455 1.00
CB-40KT	100 4	threaded 5/8-11	.508 .020	7,000 7,000	680 1.50
CB-60KT	150 6	threaded 5/8-11	.508 .020	6,000 6,000	1,540 3.40

## Brush, End, Crimped Wire

Brosse pinceau plate, sans tige fil ondule  
Pincel Plano, de Alambre Redondo



No.	Dia. a mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta\Delta$ g lbs.
EB-1-C	25 1	6 1/4	.356 .014	20,000 20,000	135 .30

## Brush, End, Knot Wire

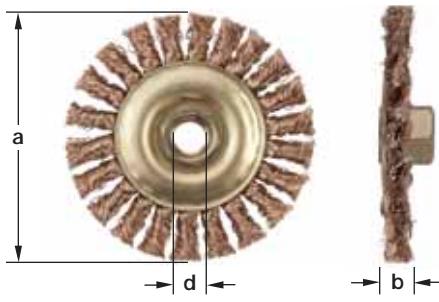
Brosse pinceau plate, en faisceaux torsadés  
Pincel Plano



No.	Dia. a mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta\Delta$ g lbs.
EB-1-K	25 1	6 1/4	.508 .020	20,000 20,000	135 .30

## Brush, Wheel, Knot Wire

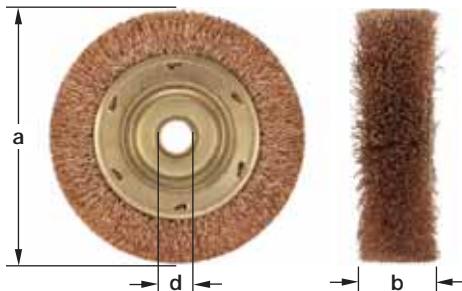
Brosse circulaire, en faisceaux  
Cepillo, Circular de Disco



No.	Dia. a mm inch	Face Width b mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta\Delta$ g lbs.
WB-40KT	100 4	9 3/8	threaded 5/8-11	.508 .020	20,000 20,000	225 .50
WB-60KT	150 6	13 1/2	threaded 5/8-11	.508 .020	9,000 9,000	590 1.30

## Brush, Wheel, Crimped Wire

Brosse ronde, sans tige, fil ondule  
Cepillo Girador, de Alambre Redondo

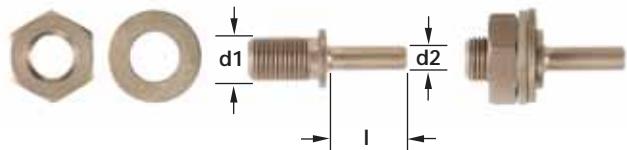


No.	Dia. a mm inch	Face Width b mm inch	Arbor d mm inch	Wire Size mm inch	Max. Safe Free Speed (RPM)	$\Delta g$ lbs.
WB-20C	50 2	6 1/4	plain 1/2	.254 .008	20,000 20,000	.45 .10
WB-30C	75 3	10 3/8	plain 1/2	.356 .014	20,000 20,000	.70 .15
WB-45A	100 4	19 3/4	plain 3/8	.356 .014	6,000 6,000	365 .80
WB-45	100 4	19 3/4	plain 1/2	.356 .014	6,000 6,000	365 .80
WB-45B	100 4	19 3/4	plain 5/8	.356 .014	6,000 6,000	365 .80
WB-44A	150 6	25 1	plain 1/2	.356 .014	4,500 4,500	725 1.60
WB-44	150 6	25 1	plain 5/8	.356 .014	4,500 4,500	725 1.60
WB-44B	150 6	25 1	plain 3/4	.356 .014	4,500 4,500	725 1.60
WB-44C	150 6	25 1	plain 1	.356 .014	4,500 4,500	725 1.60
WB-44D	150 6	25 1	plain 1-1/4	.356 .014	4,500 4,500	725 1.60

## Drive Arbor

(For use with wheel brushes with 1/2" plain Arbors)

Tige de fixation (Pour arbres lisses de 1/2 pounce)  
Vastago de Fijacion (Para ejes lisos 1/2 pulgada)



No.	Shank Dia. d1 mm	Arbor d2 mm	I mm	$\Delta g$ g	Shank Dia. d1 inch	Arbor d2 inch	I inch	$\Delta g$ lbs
DA-10	13	6	22	115	1/2	1/4	7/8	.25



## WIRE BRUSHES

The widest selection of brushes in the industry

Precision-crafted  
shaft and shank

A perfect blend  
of strength and  
durability



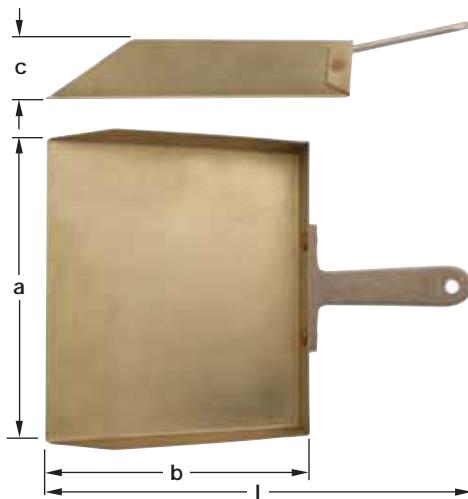
Deep-set wires  
for extra-long life





## Dust Pan

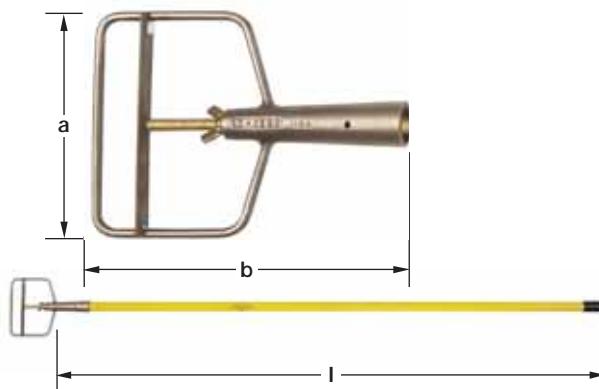
Pelle à poussière  
Recogedor



No.	a mm	b mm	c mm	I mm	$\Delta\Delta$ g	a inch	b inch	c inch	I inch	$\Delta\Delta$ lbs.
D-49	100	200	40	330	515	4	8	1-1/2	13	1.14
D-50	230	190	40	305	780	9	7-1/2	1-1/2	12	1.72

## Mop Holder (Handle sold separately)

Porte-faubert, sans manche (Manche vendu séparément)  
Sujetador de la Mopa (El mango se vende por separado)



No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
M-1286	170	22	225	700	6-1/2	7/8	9	1.54
Handle			I mm	$\Delta\Delta$ g			I inch	$\Delta\Delta$ lbs.

121559C      1500      875      58      1.93

## Chisels

### Caulking Tool<sup>1</sup>

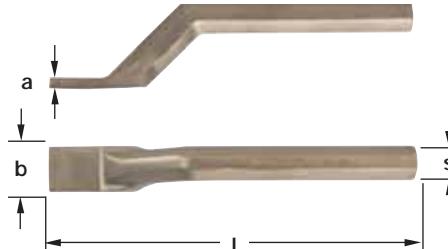
Matoir  
Herramienta de Rematar



No.	a mm	b mm	s mm	I mm	$\Delta\Delta$ g	a inch	b inch	s inch	I inch	$\Delta\Delta$ lbs.
4-1032	3	33	19	230	220	1/8	1-1/4	3/4	9	.49
4-1035	2	15	12	260	480	5/64	5/8	1/2	10-1/4	1.06

### Caulking Tool<sup>1</sup>

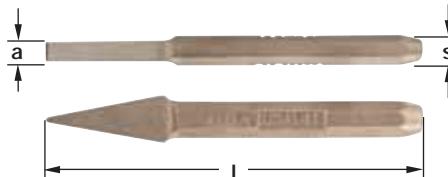
Matoir  
Herramienta de Rematar



No.	a mm	b mm	s mm	I mm	$\Delta\Delta$ g	a inch	b inch	s inch	I inch	$\Delta\Delta$ lbs.
4-1033	6	26	19	200	440	1/4	1	3/4	7-3/4	.97

### Chisel, Cape

Bédane de mécanicien  
Cortahierro de Ranurar



No.	a mm	s mm	I mm	$\Delta\Delta$ g	a inch	s inch	I inch	$\Delta\Delta$ lbs.
C-5	13	20	205	400	1/2	3/4	8	.88
C-5a	16	22	235	610	5/8	7/8	9	1.34

## Chisel, Concrete

Burin à béton

Cincel para Hormigón



No.	a mm	s mm	l mm	$\frac{lb}{g}$	a inch	s inch	l inch	$\frac{lb}{lbs.}$
C-10	45	33	380	2950	1-3/4	1-3/8	15	6.50

## Chisel, Diamond Point

Burin pointe diamante

Cincel Punta de Diamante



No.	a mm	s mm	l mm	$\frac{lb}{g}$	a inch	s inch	l inch	$\frac{lb}{lbs.}$
C-6	13	20	205	435	1/2	3/4	8	.96
C-7	19	23	310	915	3/4	7/8	12	2.02

## Chisel, Groove<sup>2</sup>

Bédane

Cincel de Ranura



No.	a mm	s mm	l mm	$\frac{lb}{g}$	a inch	s inch	l inch	$\frac{lb}{lbs.}$
4-1049	10	19	200	430	3/8	3/4	8	.95
4-1050	13	22	225	670	1/2	7/8	9	1.48

## Chisel, Hand

Burin

Cincel de Mano



No.	a mm	s mm	l mm	$\frac{lb}{g}$	a inch	s inch	l inch	$\frac{lb}{lbs.}$
C-12b	6	6	130	35	1/4	1/4	5-1/4	.08
C-12a	11	10	140	95	7/16	3/8	5-3/4	.16
C-12	14	13	165	165	9/16	1/2	6-1/2	.30
C-13	19	17	155	280	3/4	5/8	6	.54
C-14	21	19	200	480	13/16	3/4	8	.90
C-15	17	17	230	425	11/16	5/8	9-1/8	.82
C-16	19	19	225	560	3/4	3/4	9	1.06
C-17	22	22	225	745	7/8	7/8	9	1.50
C-18	27	25	235	870	1-1/16	1	9-1/4	1.64
C-19	50	32	270	1900	2	1-1/4	10-5/8	3.66
C-20	13	13	305	360	9/16	1/2	12	.72
C-21	22	19	310	780	7/8	3/4	12	1.48
C-22	19	13	355	380	3/4	1/2	14-1/2	.92
C-23	25	25	460	2000	1	1	18	3.62
C-24	25	22	760	2900	1	7/8	30	5.52

## Chisel, Hand, Oval

Burin, ovale

Cincel, oval



No.	a mm	s mm	l mm	$\frac{lb}{g}$	a inch	s inch	l inch	$\frac{lb}{lbs.}$
C-37	18	17	150	170	11/16	21/32	5-7/8	.37
C-38	25	26	250	435	1	1-1/16	10	.95

Industry Leading Service, Expertise and Regulatory Knowledge.  
Call Us for Support, Custom Products, Answers and Solutions.

## Chisel, Pneumatic

### Burin pour marteau pneumatique Cincel Neumático

General Concrete Demolition / Démolition générale - béton / Demoliciones de hormigón en general



No.	d mm	b mm	I1 mm	I2 mm	$\Delta\Delta$ g	d inch	b inch	I1 inch	I2 inch	$\Delta\Delta$ lbs.
C-9a	29	75	305	150	2665	1-1/8	3	12	6	5.88
C-9b	29	67	305	150	2630	1-1/8	2-1/2	12	6	5.80

## Chisel, Pneumatic Bull Point

### Ciseau, pointe de frappe pneumatique Cincel, Percutor Neumático

General Concrete Demolition / Démolition générale - béton / Demoliciones de hormigón en general

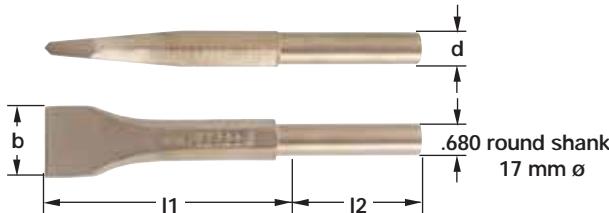


No.	d mm	I1 mm	I2 mm	$\Delta\Delta$ g	d inch	I1 inch	I2 inch	$\Delta\Delta$ lbs.
C-8	29	380	150	3765	1-1/8	15	6	6.10
C-8a	32	405	150	3365	1-1/4	16	6	7.42

## Chisel, Pneumatic Scaling

### Burin de détartrage, pour marteau pneumatique Cincel Burilador Neumático

For Cutting, Chipping, Scraping and Staking Applications / Pour les applications de découpage, d'écaillage, de raclage et de piquetage / Para aplicaciones de corte, astillado, raspado y estacado



No.	d mm	b mm	I1 mm	I2 mm	$\Delta\Delta$ g	d inch	b inch	I1 inch	I2 inch	$\Delta\Delta$ lbs.
CP-20-ST	19	38	125	76	290	3/4	1-1/2	4-3/4	3	.90
CP-21-ST	22	44	130	76	520	7/8	1-3/4	5	3	1.10
CP-22-ST	22	64	150	76	610	7/8	2-1/2	6	3	1.32

## Chisel, Pneumatic Scaling

### Burin de détartrage, pour marteau pneumatique Cincel Burilador Neumático

Remove Unwanted Rust, Scale, Paint and Other Residue / Enlève rouille, tartre, peinture et autres résidus indésirables / Eliminación de óxido, sarro, pintura y demás residuos



No.	d mm	b mm	I mm	$\Delta\Delta$ g	d inch	b inch	I inch	$\Delta\Delta$ lbs.
CS-22-ST	13	32	90	60	1/2	1-1/4	3-1/2	.24
CS-23-ST	13	16	125	60	1/2	5/8	5	.28
CS-24-ST	13	50	125	140	1/2	2	5	.36
CS-25-ST	13	50	200	290	1/2	2	7-3/4	.72

## Chisel, Pneumatic, with Retaining Collar

### Burin pour marteau pneumatique Cincel Neumático

For Cutting, Chipping, Scraping and Staking Applications / Pour les applications de découpage, d'écaillage, de raclage et de piquetage / Para aplicaciones de corte, astillado, raspado y estacado



No.	d mm	b mm	I1 mm	I2 mm	$\Delta\Delta$ g	d inch	b inch	I1 inch	I2 inch	$\Delta\Delta$ lbs.
CR-10-ST	10	32	139	32	140	.401	1-1/4	5-1/2	1-1/4	.34
CR-20-ST	17	40	131	64	400	.680	1-1/2	5-1/4	2-1/2	.90
CR-21-ST	17	45	139	64	500	.680	1-3/4	5-1/2	2-1/2	1.10
CR-22-ST	17	65	156	64	600	.680	2-1/2	6-1/8	2-1/2	1.32

## Clay Digger, Pneumatic

### Tranche pour marteau pneumatique Pala Neumática de Arcilla

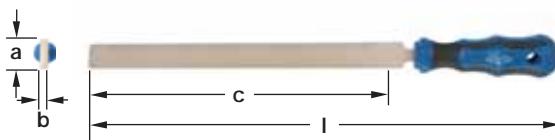


No.	d mm	b mm	I1 mm	I2 mm	$\Delta\Delta$ g	d inch	b inch	I1 inch	I2 inch	$\Delta\Delta$ lbs.
C-40	22	115	425	85	4170	7/8	4-1/2	16-3/4	3-1/4	9.20



## File, Flat<sup>2</sup>

Lime plate  
Lima de Mano



Bastard / Taille bâtarde / Aspera

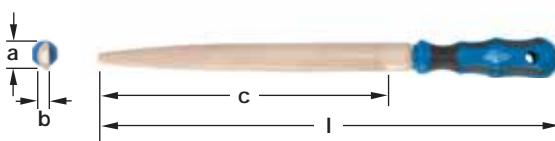
No.	a mm	b mm	c mm	l mm	$\Delta g$	a inch	b inch	c inch	l inch	$\Delta g$	Ibs.
8370	20	5	265	380	350	13/16	3/16	10-1/2	15	.77	

Smooth / Taille douce / Suave

No.	a mm	b mm	c mm	l mm	$\Delta g$	a inch	b inch	c inch	l inch	$\Delta g$	Ibs.
8372	20	5	265	380	350	13/16	3/16	10-1/2	15	.77	

## File, Half Round<sup>2</sup>

Lime Ronde  
Lima Circunferencia



Bastard / Taille bâtarde / Aspera

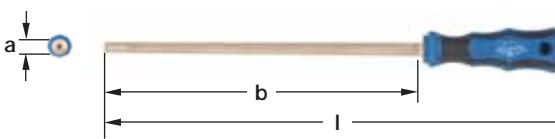
No.	a mm	b mm	c mm	l mm	$\Delta g$	a inch	b inch	c inch	l inch	$\Delta g$	Ibs.
8380	26	10	260	370	500	1	3/8	10-1/4	14-1/2	1.10	

Smooth / Taille douce / Suave

No.	a mm	b mm	c mm	l mm	$\Delta g$	a inch	b inch	c inch	l inch	$\Delta g$	Ibs.
8382	26	10	260	370	500	1	3/8	10-1/4	14-1/2	1.10	

## File, Round<sup>2</sup>

Lime ronde  
Lima Redonda



Bastard / Taille bâtarde / Aspera

No.	a mm	b mm	l mm	$\Delta g$	a inch	b inch	l inch	$\Delta g$	Ibs.
8390	10	260	370	250	3/8	10-1/4	14-1/2	.55	

Smooth / Taille douce / Suave

No.	a mm	b mm	l mm	$\Delta g$	a inch	b inch	l inch	$\Delta g$	Ibs.
8392	10	260	370	250	3/8	10-1/4	14-1/2	.55	

## Pipe Cutter<sup>7</sup>

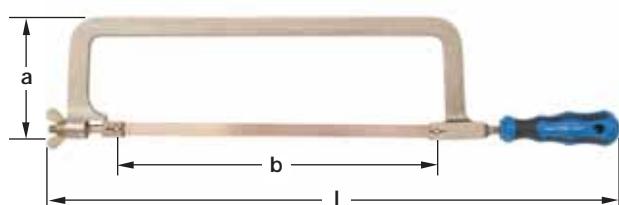
Coupe tube  
Cortadora, Tubo



No.	d max mm	a mm	l mm	$\Delta g$	d max inch	a inch	l inch	$\Delta g$
9300	50	100	430	2500	2	4	17	5.51

## Saw, Hack<sup>1</sup> (DIN 6473)

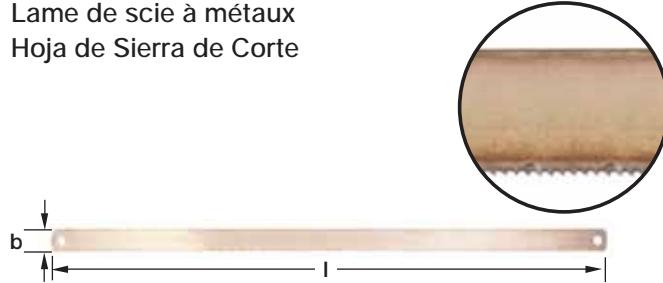
Monture de scie à métaux  
Marco para sierra de Corte



No.	a mm	b mm	l mm	$\Delta g$	a inch	b inch	l inch	$\Delta g$
8360	115	300	540	900	4-1/2	11-3/4	21-1/4	1.98

## Saw, Hack Replacement Blade<sup>3</sup>

Lame de scie à métaux  
Hoja de Sierra de Corte

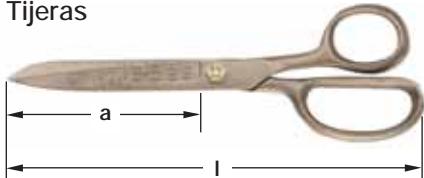


No.	b mm	l mm	$\Delta g$	b inch	l inch	$\Delta g$
8356	12	300	30	1/2	11-3/4	.07

## Shears, Cutting

Ciseaux

Tijeras



No.	a mm	l mm	$\Delta\Delta$ g	a inch	l inch	$\Delta\Delta$ lbs.
S-59	75	150	65	3	6	.14
S-599	110	200	145	4-1/2	8	.32
S-60	150	300	510	6	12	1.12
S-61	200	380	1500	8	15	3.32

## Snips, Tin

Cisaille à tôle

Tijeras de Hojalatero



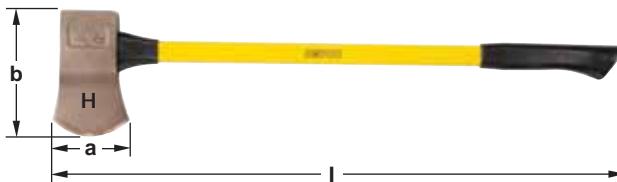
No.	a mm	l mm	$\Delta\Delta$ g	a inch	l inch	$\Delta\Delta$ lbs.
S-1126a	50	210	175	2	8	.38
S-1144	75	305	560	3	12	1.24
S-1144a	115	355	960	4-1/2	14	2.12

## Hammers

### Axe, Flat Head with Fiberglass Handle

Hache d'abattage, emmanchée  
(Avec manche en fibre de verre)

Hacha (Con mango de fibra de vidrio)



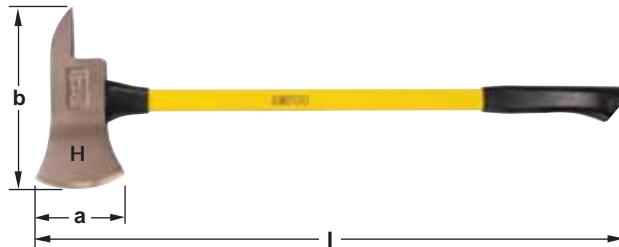
No.	H g	a mm	b mm	l mm	$\Delta\Delta$ g	H lbs.	a inch	b inch	l inch	$\Delta\Delta$ lbs.
A-5FG	2720	125	200	915	3855	6	5	8	36	8.5
A-6FG	3630	125	200	915	4680	8	5	8	36	10.32

### Axe, Pick Head with Fiberglass Handle

Hache de pompier, emmanchée

(Avec manche en fibre de verre)

Hacha de Bombero (Con mango de fibra de vidrio)

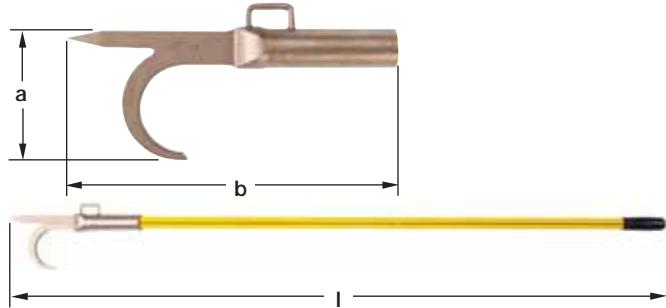


No.	H g	a mm	b mm	l mm	$\Delta\Delta$ g	H lbs.	a inch	b inch	l inch	$\Delta\Delta$ lbs.
A-15FG	2720	125	300	915	3900	6	5	12	36	8.6
A-16FG	3630	125	300	915	4850	8	5	12	36	10.1

### Fireman's Hook/Pike Pole with Fiberglass Handle (DIN 14851)

Crochet de pompier (Avec manche en fibre de verre)

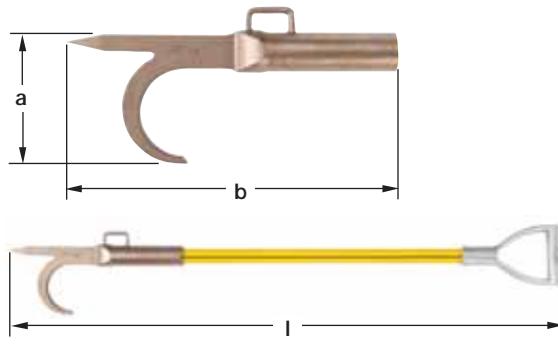
Gancho de Bombero (Con mango de fibra de vidrio)



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
PP-72	145	385	1830	2975	5-11/16	15	72	6.56
PP-96	145	385	2440	3475	5-11/16	15	96	7.66

### Fireman's Hook/Pike Pole with D-Grip Handle

Crochet de pompier avec manche à poignée fermée  
Gancho de Bombero/Cancho de pico con mango en D

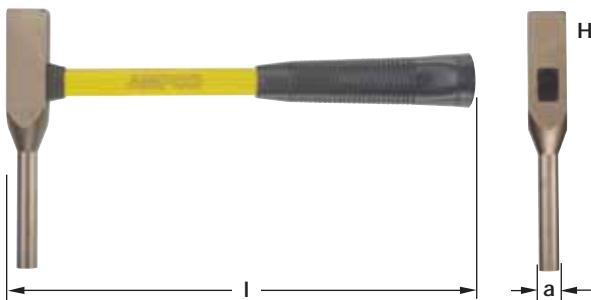


No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
PP-48D	145	385	1220	2930	5-11/16	15	48	6.46

## Hammer, Backing Out, German Type, with Fiberglass Handle

Marteau à poinçon, type allemand, emmanché  
(Avec manche en fibre de verre)

Herramienta de Apoyo Externo, Tipo Alemán  
(Con mango de fibra de vidrio)

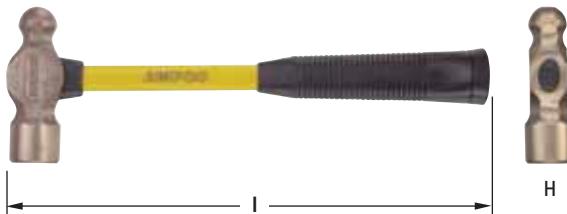


No.	H g	a mm	I mm	$\Delta\Delta$ g	H lbs.	a inch	I inch	$\Delta\Delta$ lbs.
H-32FG	340	8	355	500	.75	5/16	14	1.10
H-34FG	390	10	355	550	1.00	25/64	14	1.20
H-36FG	700	12	355	860	1.50	1/2	14	1.90
H-38FG	890	16	355	1050	2.00	5/8	14	2.30

## Hammer, Ball Peen with Fiberglass Handle

Marteau d'ajusteur, emmanché, type américain  
(Avec manche en fibre de verre)

Martillo de Ingeniero (Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
H-00FG	115	250	181	.25	9-3/4	.40
H-112FG	340	280	565	.75	11	1.25
H-1FG	340	355	590	.75	14	1.30
H212FG	455	280	680	1.00	11	1.50
H-2FG	455	355	726	1.00	14	1.60
H-312FG	680	280	860	1.50	11	1.90
H-3FG	680	355	907	1.50	14	2.00
H-412FG	905	280	1135	2.00	11	2.50
H-4FG	905	355	1179	2.00	14	2.60
H-5FG	1020	355	1315	2.25	14	2.90
H-6FG	1245	355	1451	2.75	14	3.20

## Hammer, Bricklayers' with Fiberglass Handle

Marteau de maçon, emmanché

(Avec manche en fibre de verre)

Martillo de Albañil (Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
H-10FG	680	355	998	1.50	14	2.20



## HAMMERS

Every head made with AMPCO-invented alloys

Fiberglass handles for extra durability, tolerance and vibration control

Built for endurance, handles are 10 times stronger than wood handles



Comfort grip handle prevents slips, improves safety and minimizes vibration



### Hammer, Claw with Fiberglass Handle

Marteau d'emballeur, emmarché

(Avec manche en fibre de verre)

Martillo con Garra (Con mango de fibra de vidrio)



H

No.	H g	I mm	$\frac{lb}{in}$ g	H lbs.	I inch	$\frac{lb}{in}$ lbs.
H-19FG	340	355	635	.75	14	1.40
H-20FG	455	355	815	1.00	14	1.80
H-21FG	565	355	950	1.25	14	2.10

### Hammer, Cross Peen, Engineers'/ Blacksmiths' with Fiberglass Handle

Marteau à panne en travers, de mécanicien/de forgeron (Avec manche en fibre de verre)

Martillo de bola para ingenieros/herreros (Con mango de fibra de vidrio)



H

No.	H g	I mm	$\frac{lb}{in}$ g	H lbs.	I inch	$\frac{lb}{in}$ lbs.
H-40FG	700	355	995	1.50	14	2.20
H-41FG	1150	380	1450	2.50	15	3.20
H-42FG	1600	380	1950	3.50	15	4.30

### Hammer, Cutoff with Fiberglass Handle

Marteau de burinage, emmarché

(Avec manche en fibre de verre)

Martillo de Corte (Con mango de fibra de vidrio)



H

No.	H g	I mm	$\frac{lb}{in}$ g	H lbs.	I inch	$\frac{lb}{in}$ lbs.
H-50FG	1360	380	1540	3.00	15	3.40
H-51FG	2270	380	2450	5.00	15	5.40

### Hammer, Double Face, Engineers' with Fiberglass Handle

Marteau à clouer, de mécanicie (Avec manche en fibre de verre)

Martillo de doble cara para ingenieros (Con mango de fibra de vidrio)



H

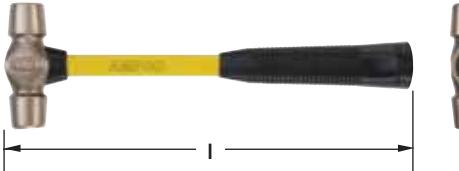
No.	H g	I mm	$\frac{lb}{in}$ g	H lbs.	I inch	$\frac{lb}{in}$ lbs.
H-142FG	800	280	1135	2.00	11	2.50
H-14FG	800	355	1180	2.00	14	2.60
H-152FG	1000	280	1360	2.50	11	3.00
H-15FG	1000	355	1405	2.50	14	3.10
H-162FG	1250	280	1540	2.75	11	3.40
H-16FG	1250	355	1635	2.75	14	3.60
H-172FG	1500	280	1590	3.00	11	3.50
H-17FG	1500	355	1680	3.00	14	3.70
H-182FG	2000	280	2040	4.00	11	4.50
H-18FG	2000	280	2085	4.00	14	4.60
H-702FG	3000	380	3270	6.00	15	6.60

### Hammer, Double Face, Machinists' with Fiberglass Handle

Marteau d'ajusteur, emmarché type anglais

(Avec manche en fibre de verre)

Martillo de Maquinista de Doble Cabeza (Con mango de fibra de vidrio)



H

No.	H g	I mm	$\frac{lb}{in}$ g	H lbs.	I inch	$\frac{lb}{in}$ lbs.
H-44FG	100	250	227	.25	9-3/4	.50
H-452FG	680	280	905	1.50	11	2.00
H-45FG	680	355	816	1.50	14	2.10
H-462FG	800	280	1020	1.75	11	2.25
H-46FG	800	355	1135	1.75	14	2.50
H-47FG	905	355	1245	2.00	14	2.75

Trust Only Genuine Ampco Safety Tools.



## Hammer, Scaling with Fiberglass Handle

Marteau à piquer, emmarché (Avec manche en fibre de verre)  
Martillo Burilador (Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
H-602FG	455	280	680	1.00	11	1.50
H-60FG	455	355	725	1.00	14	1.60
H-612FG	680	280	905	1.50	11	2.00
H-61FG	680	355	955	1.50	14	2.10
H-62FG	1360	380	1588	3.00	15	3.50

## Hammer, Sheet Metal with Fiberglass Handle

Marteau à tôle (Avec manche en fibre de verre)  
Martillo para planchas metálicas  
(Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
H-30FG	490	355	750	1.00	14	1.65

## Hammer, Sledge with Fiberglass Handle

Masse à pans, emmarché (Avec manche en fibre de verre)  
Acotillo (Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
H-70FG	3000	840	3695	6.00	33	8.15
H-71FG	3500	840	4605	8.00	33	10.15
H-712FG	4000	840	5055	9.00	33	11.15
H-72FG	4500	840	5510	10.00	33	12.15
H-722FG	5000	840	5965	11.00	33	13.15
H-724FG	5500	840	6415	12.00	33	14.15
H-726FG	6000	840	6870	13.00	33	15.15
H-73FG	7000	840	8230	16.00	33	18.15
H-74FG	8000	840	9140	18.00	33	20.15
H-76FG	10000	840	10950	22.00	33	24.15

## Hatchet with Fiberglass Handle

Hachette de charpentier, emmarchée  
(Avec manche en fibre de verre)  
Hachuela (Con mango de fibra de vidrio)



No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
H-90FG	90	165	355	1000	3-5/8	6-1/2	14	2.20

## Mallet with Fiberglass Handle

Massette, forme baril, emmarchée  
(Avec manche en fibre de verre)  
Mazo (Con mango de fibra de vidrio)



No.	H g	I mm	$\Delta\Delta$ g	H lbs.	I inch	$\Delta\Delta$ lbs.
M-1FG	900	355	1090	2.00	14	2.40
M-2FG	1800	380	1950	4.00	15	4.30
M-3FG	2700	380	2858	6.00	15	6.30

## Nail Puller (5" stroke)

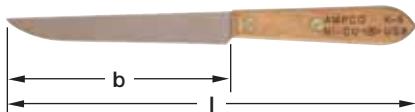
Arrache-clous (course de 127 mm)  
Arrancaclavos (5" [127 mm] de longitud)



No.	a mm	I mm	$\Delta\Delta$ g	a inch	I inch	$\Delta\Delta$ lbs.
N-1	115	460	1815	4-1/2	18	4.00

## Knife, Common

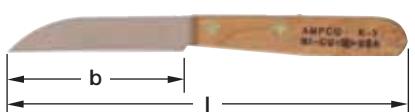
Couteau, forme courbée  
Cuchillo Común



No.	b mm	l mm	$\frac{a}{b}$ g	b inch	l inch	$\frac{a}{b}$ lbs.
K-5	145	260	80	5-3/4	10-1/4	.17

## Knife, Common

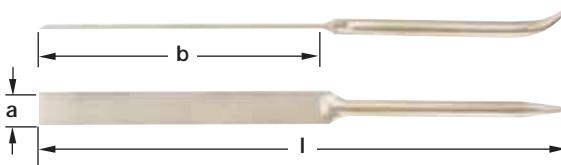
Couteau, forme droite  
Cuchillo Común



No.	b mm	l mm	$\frac{a}{b}$ g	b inch	l inch	$\frac{a}{b}$ lbs.
K-1	80	175	30	3-1/8	6-3/4	.06

## Knife, Gasket

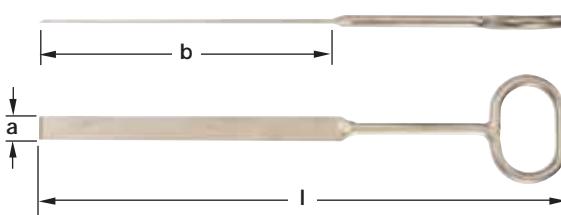
Couteau à joints  
Cuchillo para Empaquetaduras



No.	a mm	b mm	l mm	$\frac{a}{b}$ g	a inch	b inch	l inch	$\frac{a}{b}$ lbs.
K-50	25	220	400	300	1	8-1/2	15-3/4	.66

## Knife, Gasket

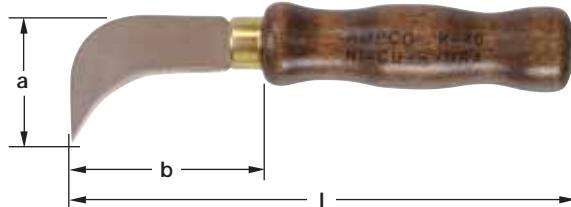
Couteau à joints  
Cuchillo para Empaquetaduras



No.	a mm	b mm	l mm	$\frac{a}{b}$ g	a inch	b inch	l inch	$\frac{a}{b}$ lbs.
K-52	30	400	690	1200	1-3/16	15-3/4	27	2.65
K-54	40	800	1240	2000	1-1/2	31-1/2	49	4.41

## Knife, Linoleum

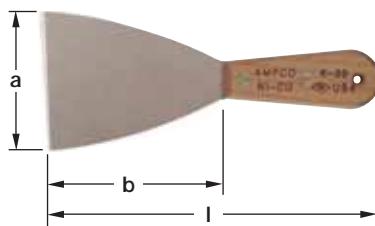
Couteau à Linoleum  
Cuchillo Linoleo



No.	a mm	b mm	l mm	$\frac{a}{b}$ g	a inch	b inch	l inch	$\frac{a}{b}$ lbs.
K-40	65	115	190	80	2-1/2	4-9/16	7-1/2	.18

## Knife, Putty/Hand Scraper, Stiff Blade

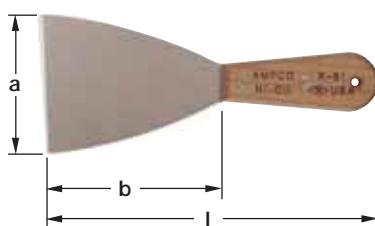
Couteau à palette, lame rigide  
Espátula de Hoja Ridida



No.	a mm	b mm	l mm	$\frac{a}{b}$ g	a inch	b inch	l inch	$\frac{a}{b}$ lbs.
K-15	20	85	185	65	3/4	3-3/8	7-1/4	.14
K-21	30	90	200	75	1-1/4	3-9/16	7-3/4	.16
K-20	50	105	205	110	2	4	8	.24
K-30	90	115	215	145	3-1/2	4-1/2	8-1/2	.32

## Knife, Putty/Hand Scraper, Flexible Blade

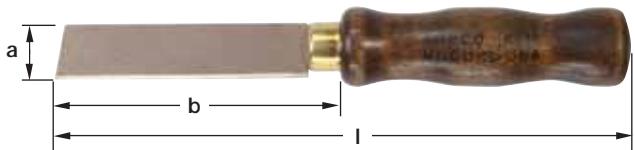
Couteau à palette, lame souple  
Espátula de Hoja Flexible



No.	a mm	b mm	l mm	$\frac{a}{b}$ g	a inch	b inch	l inch	$\frac{a}{b}$ lbs.
K-31	90	115	215	120	3-1/2	4-1/2	8-1/2	.26

## Knife, Utility

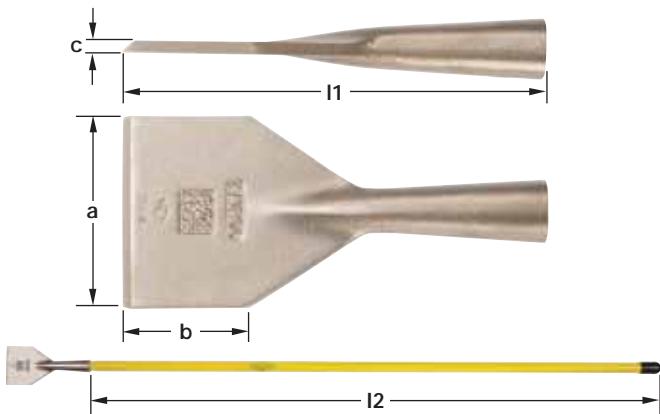
Couteau de cordonnier  
Cuchillo Zapatero



No.	a mm	b mm	I mm	$\frac{lb}{g}$	a inch	b inch	I inch	$\frac{lb}{g}$
K-10	22	100	190	90	7/8	4	7-1/2	.20

## Scraper (Handle sold separately)

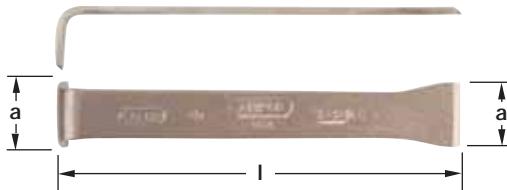
Grattoir, sans manche (Poignée non comprise)  
Raspador (Mango no incluido)



No.	a mm	b mm	c mm	I1 mm	$\frac{lb}{g}$	a inch	b inch	c inch	I1 inch	$\frac{lb}{g}$
S-20	75	64	6	230	605	3	2-1/2	1/4	9	1.34
S-21	100	64	6	230	780	4	2-1/2	1/4	9	1.72
S-22	125	64	6	230	820	5	2-1/2	1/4	9	1.80
S-23	150	57	6	215	900	6	2-1/4	1/4	8-1/2	2.00
S-30	75	38	6	180	480	3	1-1/2	1/4	7	1.06
S-31	100	38	6	180	510	4	1-1/2	1/4	7	1.12
S-32	125	32	6	180	535	5	1-1/4	1/4	7	1.18
S-33	150	38	6	170	555	6	1-1/2	1/4	6-3/4	1.22
<b>Handle</b>			<b>I2 mm</b>	<b><math>\frac{lb}{g}</math></b>				<b>I2 inch</b>	<b><math>\frac{lb}{g}</math></b>	
112559C			1473	875				58	1.93	

## Scraper, Deck

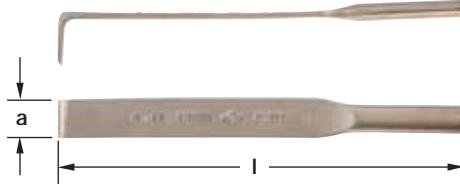
Grattoir coudé, avec poignée  
Raspador Elevado



No.	a mm	I mm	$\frac{lb}{g}$	a inch	I inch	$\frac{lb}{g}$
S-10ag	22	200	210	7/8	7-7/8	.44
S-10g	50	300	570	2	12	1.24

## Scraper, Deck

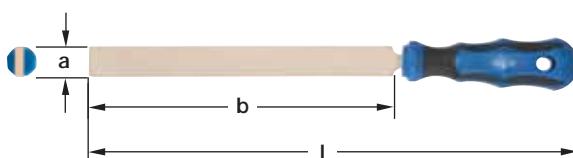
Grattoir coudé, avec poignée  
Raspador Elevado



No.	a mm	I mm	$\frac{lb}{g}$	a inch	I inch	$\frac{lb}{g}$
S-11g	38	380	780	1-1/2	15	1.68

## Scraper, Flat<sup>1</sup>

Grattoir de mécanicien  
Raspador Plano



No.	a mm	b mm	I mm	$\frac{lb}{g}$	a inch	b inch	I inch	$\frac{lb}{g}$
8500	20	200	320	250	3/4	8	12-1/2	.55

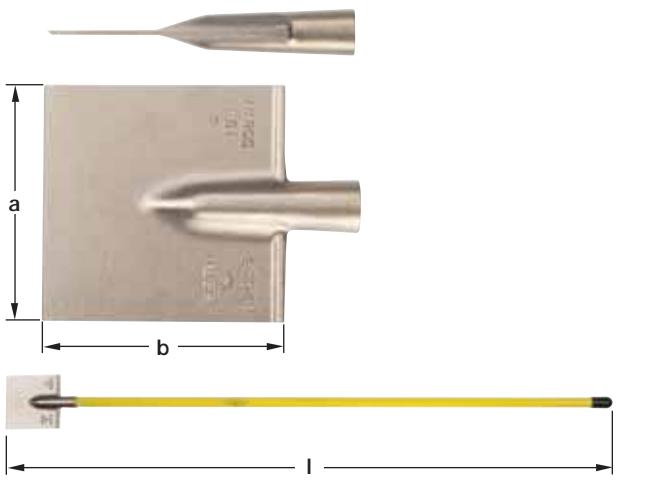
The Original Manufacturer  
of Non-Sparking,  
Non-Magnetic Hand Tools.

**Scraper, Floor, Plain (Handle sold separately)**

Grattoir d'aire, droit sans manche

(Poignée non comprise)

Raspador de Piso, Llano (Mango no incluido)



No.	a mm	b mm	$\Delta\Delta$ g	a inch	b inch	$\Delta\Delta$ lbs.
S-71S	150	170	720	6	6-3/4	1.58
Handle		I mm	$\Delta\Delta$ g		b inch	$\Delta\Delta$ lbs.
112559C		1650	875		65	1.93

**Scraper, Hand Style**

Grattoir d'aire, emmanché

Raspador Estilo Mano

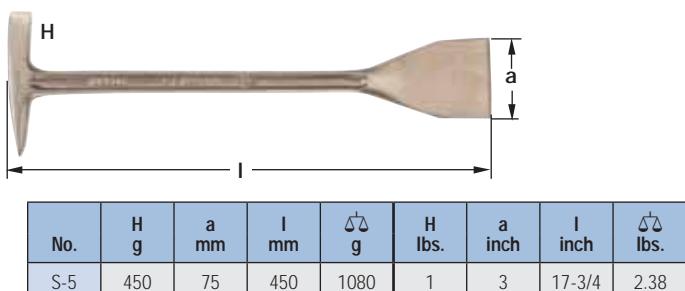


No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
S-1069	95	95	480	640	3-3/4	3-3/4	19	1.42

**Scraper, Pick and Scaler**

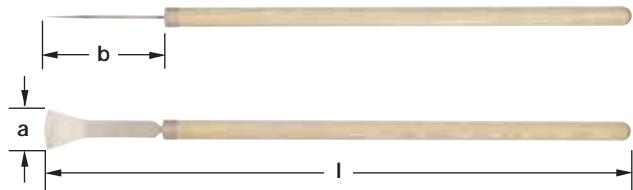
Pic à grattoir et décrasseur

Raspador, pico y raspador de sarro

**Scraper, Rust<sup>1</sup>**

Grattoir antirouille

Raspador de Oxido



No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
8600	75	200	600	560	3	8	23-1/2	1.24
8602	75	200	800	680	3	8	31-1/2	1.50
8604	75	200	1000	800	3	8	39-1/4	1.76
8606	75	200	1200	920	3	8	47-1/4	2.03

**Scraper, Ship**

Grattoir de peintre, forme trapèze

Raspador de Viajado



No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
S-27	100	70	405	610	4	2-3/4	16	1.34
S-27-5			blade only	200			blade only	.42

**Scraper, Spray Booth**

Grattoir pour cabine de peinture au pistolet

Raspado para Cabina de Pintar



No.	a mm	I mm	$\Delta\Delta$ g	a inch	I inch	$\Delta\Delta$ lbs.
S-40	75	235	345	3	9-1/4	.76

Static sparks can ignite flammable vapors, liquids, dust and residues. The metals used to make Ampco Safety Tools are highly conductive and must be grounded if there is concern for a static-electric charge.



## Scraper, Triangular<sup>1</sup>

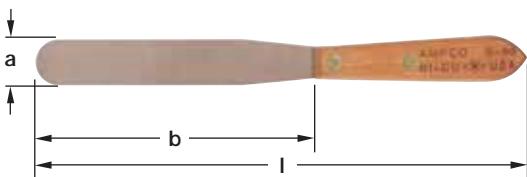
Grattoir triangulaire  
Raspador Triangular



No.	b mm	l mm	$\Delta$ g	b inch	l inch	$\Delta$ lbs.
4-1268	200	320	220	8	12-1/2	.49

## Spatula

Spatule  
Espátula



No.	a mm	b mm	l mm	$\Delta$ g	a inch	b inch	l inch	$\Delta$ lbs.
S-90	25	150	260	90	1	6	10-1/4	.20
S-91	40	230	350	165	1-1/2	9	14	.36
S-92	50	355	490	295	2	14	19-1/4	.65

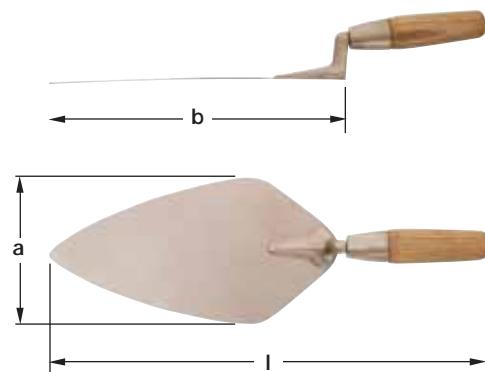
Flexible blades available upon request.

Lames flexibles disponibles sur demande.

Cuchillas flexibles disponibles a petición.

## Trowel, Bricklayers'

Truelle à joints  
Palustre para Ladrillos



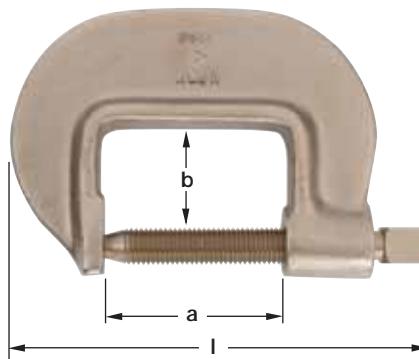
No.	a mm	b mm	l mm	$\Delta$ g	a inch	b inch	l inch	$\Delta$ lbs.
T-10	130	215	335	475	5-1/8	8-1/2	13-1/4	1.04
T-12	140	280	360	615	5-1/2	11	14-1/4	1.36

## Miscellaneous

### Clamp

Presse serre-joint

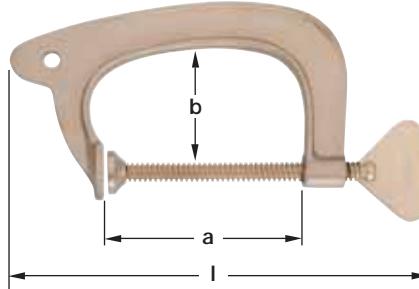
Prensa



No.	a mm	b mm	l mm	$\Delta$ g	a inch	b inch	l inch	$\Delta$ lbs.
C-30-1	19	19	76	175	3/4	3/4	3	.38
C-30-6	115	75	290	4445	4-1/2	3	11-1/2	9.80
C-30-8	165	90	370	9245	6-1/2	3-1/2	14-1/2	20.38

### Clamp, Grounding<sup>2</sup>

Serre-joint  
Prensa para Toma



No.	a mm	b mm	l mm	$\Delta$ g	a inch	b inch	l inch	$\Delta$ lbs.
8480	105	75	230	800	4-1/8	3	9	1.76

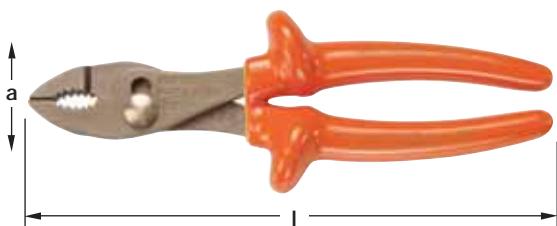
Industry Leading Service, Expertise and Regulatory Knowledge.

Call Us for Support, Custom Products, Answers and Solutions.

## Insulated Pliers, Adjustable Combination

Pince universelle réglable isolante

Alicates combinados ajustables, con aislamiento

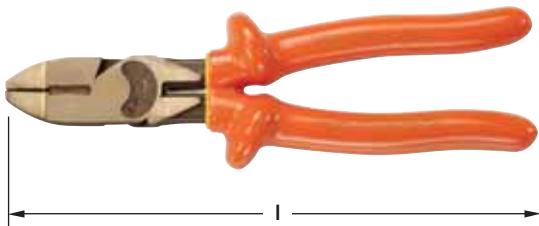


No.	a max. mm	l mm	$\frac{lb}{g}$	a max. inch	l inch	$\frac{lb}{g}$
IP-31	13	208	295	1/2	8-3/16	.65

## Insulated Pliers, Lineman's/Side Cutting

Pince isolante à coupe-fil

Alicates combinados con filo de corte lateral y con aislamiento



No.	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{g}$
IP-35	225	500	8-3/4	1.1

## Insulated Pliers, Diagonal Cutting

Pince coupante diagonale isolante

Alicates con filo de corte diagonal y con aislamiento



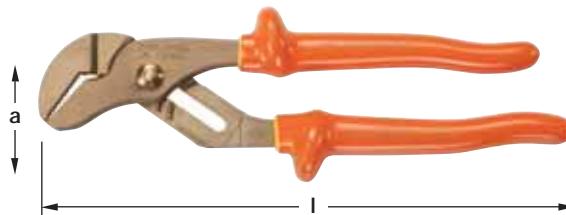
No.	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{g}$
IP-36	185	270	7-1/4	.6

Your Safety Is Our Business.

## Insulated Pliers, Groove Joint

Pince multiprise isolante

Alicates de mordazas ajustables y con aislamiento

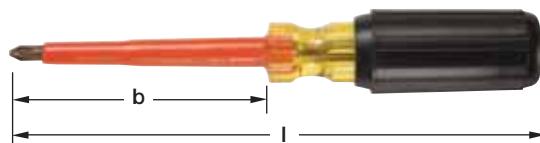


No.	a max. mm	l mm	$\frac{lb}{g}$	a max. inch	l inch	$\frac{lb}{g}$
IP-39	40	260	430	1-1/2	10-1/4	.95

## Insulated Screwdriver, Phillips

Tournevis cruciforme isolant

Destornillador Phillips con aislamiento

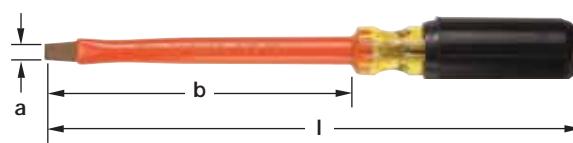


No.	Type	b mm	l mm	$\frac{lb}{g}$	b inch	l inch	$\frac{lb}{g}$
IS-1099	2	105	210	135	4	8-1/4	.30

## Insulated Screwdriver, Standard

Tournevis plat isolant

Destornillador estándar con aislamiento



No.	a mm	b mm	l mm	$\frac{lb}{g}$	a inch	b inch	l inch	$\frac{lb}{g}$
IS-49	8	150	260	180	5/16	6	10-1/4	.40

## Insulated Socket, Standard, 6-Point

Douille isolante standard, 6-pans

Llave de tubo estándar de 6 puntos con aislamiento



No.	a inch	s inch	l inch	$\frac{lb}{g}$
ISS-3/8D7/16	3/8	7/16	1-1/2	.10
ISS-3/8D1/2	3/8	1/2	1-1/2	.10
ISS-3/8D9/16	3/8	9/16	1-1/2	.10



## Insulated Wrench, Ratchet

Clé à cliquet isolante

Llave de trinquete con aislamiento



No.	a inch	I mm	$\frac{\Delta}{\Delta}$ g	I inch	$\frac{\Delta}{\Delta}$ lbs.
IW-142R	3/8	197	430	7-3/4	.95

## Insulated Bar, Extension

Barre de rallonge isolante

Barra de extensión con aislamiento



No.	a inch	I mm	$\frac{\Delta}{\Delta}$ g	I inch	$\frac{\Delta}{\Delta}$ lbs.
IWE-3/8X6	3/8	155	180	6	.40

## Insulated Wrench, Adjustable End

Clé à molette isolante

Barra de extremo ajustable con aislamiento



No.	s max. mm	I mm	$\frac{\Delta}{\Delta}$ g	s max. inch	I inch	$\frac{\Delta}{\Delta}$ lbs.
IW-71	29	213	270	1-1/8	8-3/8	.60
IW-72	33	268	455	1-5/16	10-1/2	1.00

## Insulated Wrench, Single Box End

Clé fermée simple isolante

Llave de cajón de un extremo con aislamiento

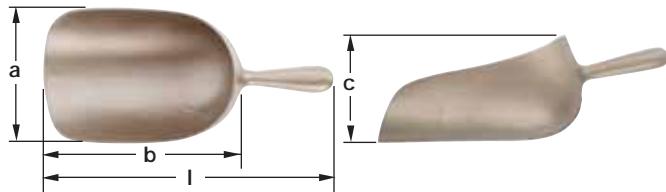


No.	s inch	I inch	$\frac{\Delta}{\Delta}$ lbs.
IWS-7/16	7/16	5-1/2	.15
IWSB-1/2	1/2	5-7/8	.20
IWSB-9/16	9/16	6-1/4	.25

## Scoop, Sugar

Pelle pour matières pulvérulentes

Cuchara Recogedora de Azúcar

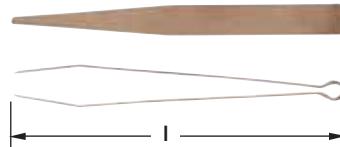


No.	a mm	b mm	c mm	I mm	$\frac{\Delta}{\Delta}$ g	a inch	b inch	c inch	I inch	$\frac{\Delta}{\Delta}$ lbs.
S-43	75	125	50	200	370	3	5	2	8	.82
S-44	125	200	90	300	1034	4-7/8	8	3-1/2	12	2.28
S-45	140	255	100	360	1560	5-1/2	10	4	14	3.44

## Tweezer<sup>1</sup>

Pincette

Pinzeta



No.	I mm	$\frac{\Delta}{\Delta}$ g	I inch	$\frac{\Delta}{\Delta}$ lbs.
8340	110	10	4-1/4	.02

Trust Only Genuine  
Ampco Safety Tools.

**Barrel Hook, Adjustable**

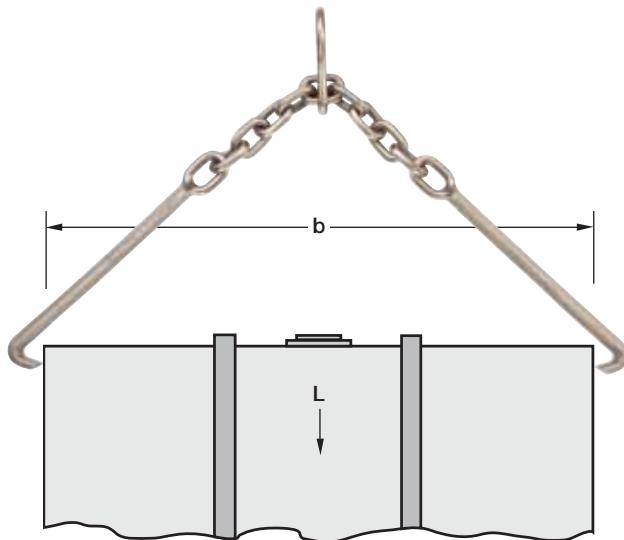
Crochet à fût, réglable

Ganchos para Barril, Ajustable

Rated for 1,500 lbs. (680 kg)

Capacité nominale de 1,500 lbs. (680 kg)

Capacidad nominal de 1,500 lbs. (680 kg)



No.	b max. mm	L max. kg	$\Delta\Delta$ g	b max. inch	L max. lbs.	$\Delta\Delta$ lbs.
B-10	1060	680	4545	42	1500	10.02

**Barrel Hook, Fixed**

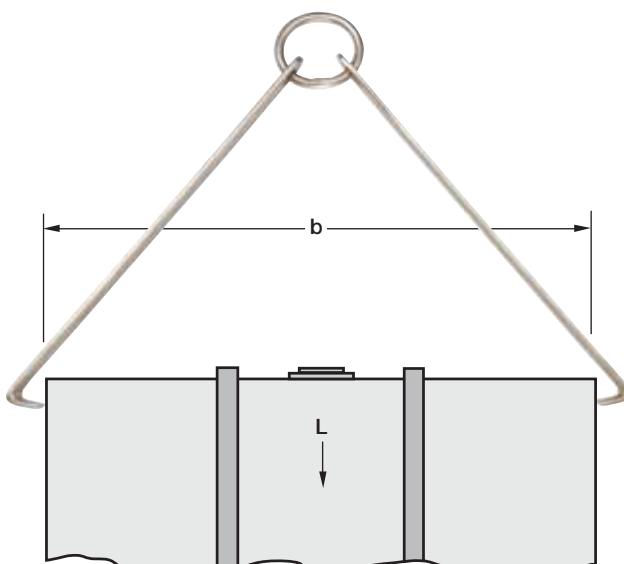
Crochet à fût, fixe

Ganchos para Barril, Fijado

Rated for 1,500 lbs. (680 kg)

Capacité nominale de 1,500 lbs. (680 kg)

Capacidad nominal de 1,500 lbs. (680 kg)



No.	b max. mm	L max. kg	$\Delta\Delta$ g	b max. inch	L max. lbs.	$\Delta\Delta$ lbs.
B-15	1060	680	2430	42	1500	5.36

**BUNG WRENCH**

The one tool you need to open drums of flammable and combustible liquids. They open most plug and bung nuts – plastic and metal, male or female.

**Crate Opener**

Ouvre-caisses

Abre Cajas



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
CJ-1-ST	70	35	230	420	2-3/4	1-3/8	9	.94



## Drum Opener<sup>1</sup>

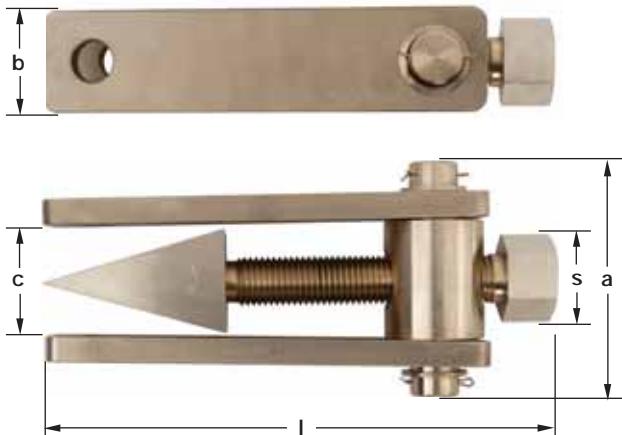
Ouvre tonneau à carbure  
Abridor de Toneles de Carburo



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
4-1186	60	75	305	750	2-3/8	3	12	1.65

## Flange Spreader<sup>2</sup>

Décolleur  
Veleta Difusora



No.	a mm	b mm	c mm	s mm	l mm	$\Delta\Delta$ g	a inch	d inch	c inch	s inch	l inch	$\Delta\Delta$ lbs.
9400	140	60	60	45	305	7200	5-1/2	2-1/4	2-1/4	1-13/16	12	15.87

## Wedge, Flange

Coin (casse joint)  
Cuña de Pestaña



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
W-1	6	15	80	50	1/4	1/2	3-1/4	.04
W-2	13	19	95	100	1/2	3/4	3-3/4	.18
W-3	13	25	150	200	1/2	1	6	.42
W-4	19	38	150	400	3/4	1-1/2	6	.92

1 Made in United Kingdom; 2 Made in Germany

No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
W-5	13	32	180	300	1/2	1-1/4	7	.64
W-6	19	50	180	700	3/4	2	7	1.56
W-7	41	38	195	1300	1-5/8	1-1/2	7-3/4	2.50
W-8	25	38	200	800	1	1-1/2	8	1.72
W-9	19	50	200	700	3/4	2	8	1.66
W-10	32	50	215	1400	1-1/4	2	8-1/2	2.96
W-11	10	50	180	400	3/8	2	7	.74
W-12	10	50	90	200	3/8	2	3-1/2	.40
W-13	50	50	200	2085	2	2	8	4.60

## Wrench, Bung fits 3/4" & 2" bungs

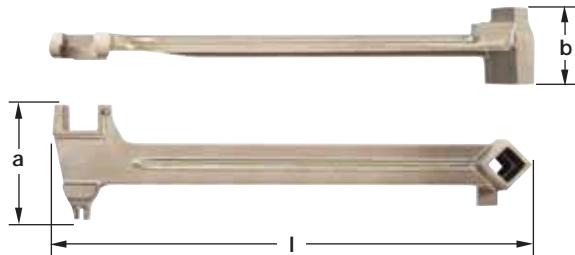
Clé à bondes, pour bondes de 3/4" et 2"  
Lave taponadora para tapones de 3/4" y 2"



No.	l mm	$\Delta\Delta$ g	l inch	$\Delta\Delta$ lbs.
W-56	305	680	12	1.50

## Wrench, Bung for 22 different bungs

Clé universelle, pour débonder les fûts  
Llave Taponadora para 22 Tapones Diferentes



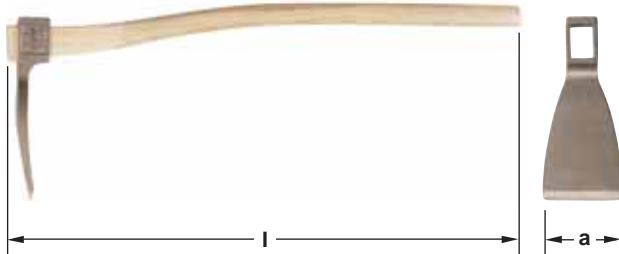
No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
W-58-S	65	60	385	1300	2-1/2	2-1/4	15	2.70





## Adze, Railroad

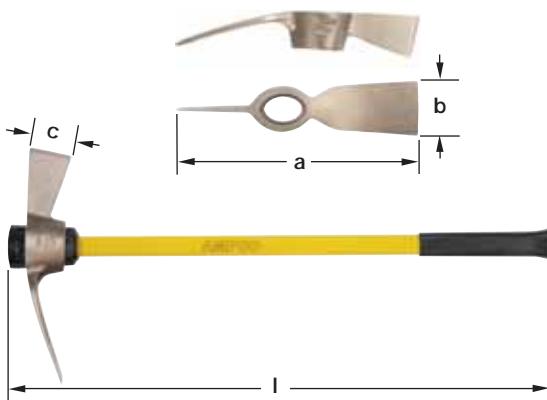
Houe, emmanchée  
Azuela de Ferrocarril



No.	a mm	I mm	$\frac{a}{g}$	a inch	I inch	$\frac{a}{g}$
A-2	130	860	3110	5	34	6.86

## Mattock

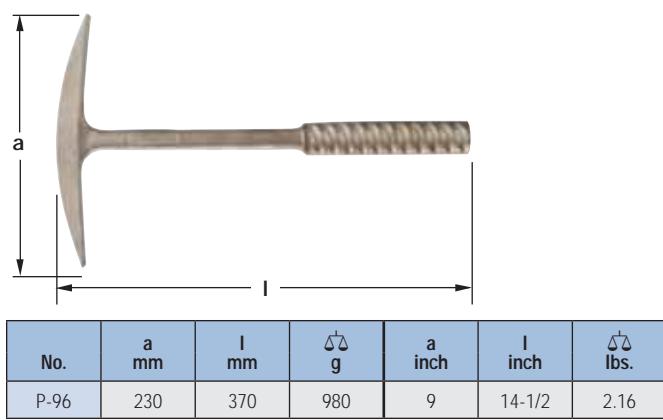
Pioche à défricher, emmanchée  
Piqueta



No.	a mm	b mm	c mm	I mm	$\frac{a}{g}$	a inch	b inch	c inch	I inch	$\frac{a}{g}$
M-55FG	415	100	75	920	3630	16-1/4	3-7/8	3	36-1/4	8.00

## Pick, Hand

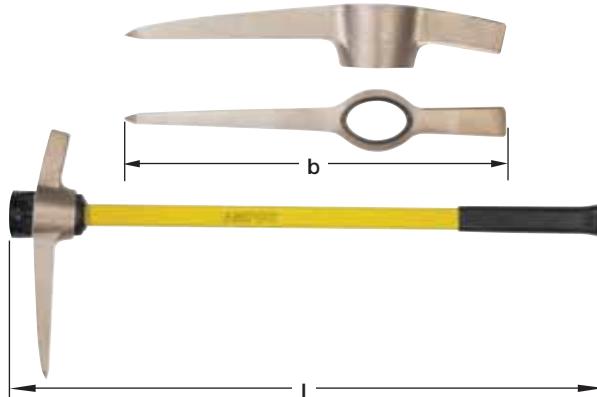
Pic à main, emmanché  
Pico de Mano



1 Made in United Kingdom

## Pick, Miners' (Handle sold separately)

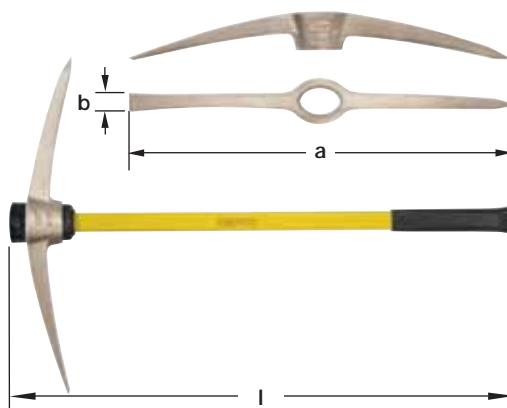
Pic de mineur (Manche vendu séparément)  
Pico de Minero (El mango se vende por separado)



No.	H g	b mm	$\frac{a}{g}$	H lbs.	b inch	$\frac{a}{g}$
P-7	2100	406	2100	4.63	16	4.63
Handle			$\frac{a}{g}$		$\frac{a}{g}$	$\frac{a}{g}$
14736S-A		915	1220		36	2.69

## Pick, Railroad or Clay<sup>1</sup> (\*Handle sold separately) (DIN 20109)

Pioche de terrassier (\*Manche vendu séparément)  
Pico de Ferrocarril (\*El mango se vende por separado)



No.	H g	a mm	b mm	I mm	$\frac{a}{g}$	H lbs.	a inch	b inch	I inch	$\frac{a}{g}$	
* P-1	2041	535	25	915	3307	4.50	21	1	36	7.29	
* P-3	3035	635	32	915	4214	6.69	25	1-1/4	36	9.29	
* P-6	4708	700	38	915	5897	10.38	27-1/2	1-1/2	36	13.00	
7700	1500	400	50	900	2150	3.30	15-3/4	2	35-1/2	4.75	
7702	2500	500	50	950	3500	5.50	19-5/8	2	37	7.70	
7704	3000	550	55	950	4000	6.60	21-5/8	2-1/8	37	8.80	
7706	3500	600	55	950	4500	7.70	23-5/8	2-1/8	37	9.90	
Handle				$\frac{a}{g}$			$\frac{a}{g}$		$\frac{a}{g}$		
14736S-A				915	1220					36	2.69



## Pliers, Thread Cleaning

Pic à nettoyer le filetage  
Pico limpiador de roscas

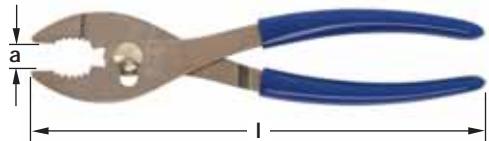


No.	a mm	l mm	$\Delta g$	a inch	l inch	$\Delta lbs.$
P-20	6	250	66	1/4	10	.15
P-22	10	250	145	3/8	10	.35
P-24	13	250	255	1/2	10	.55

## Pliers

### Pliers, Adjustable Combination with Grips

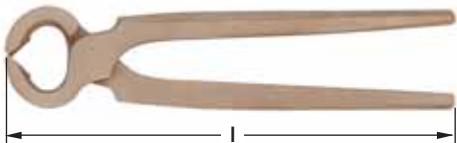
Pince combinée  
Pinza de Combinación Ajustable



No.	a max. mm	l mm	$\Delta g$	a max. inch	l inch	$\Delta lbs.$
P-30	8	165	190	5/16	6-1/2	.42
P-31	13	205	235	1/2	8	.52

### Pliers, Cutting<sup>6</sup>

Tenaille  
Pinza Cortadora



No.	l mm	$\Delta g$	l inch	$\Delta lbs.$
4-1242	230	400	9-7/8	.88

### Pliers, Diagonal Cutting with Grips

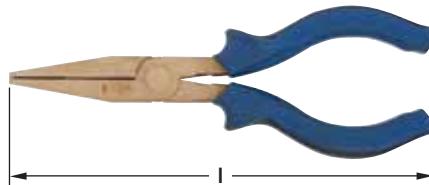
Pince coupante diagonale  
Pinza de Corte Diagonal



No.	l mm	$\Delta g$	l inch	$\Delta lbs.$
P-36	180	160	7	.35

### Pliers, Flat Nose with Grips<sup>6</sup> (DIN 5248)

Pince plate  
Pinza de Punta Aplanada



No.	l mm	$\Delta g$	l inch	$\Delta lbs.$
8254	160	120	6-1/4	.26

### Pliers, Groove Joint with Grips

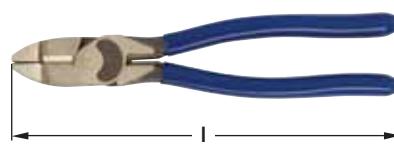
Pince multiprise  
Pinza Junta Estrria



No.	a max. mm	l mm	$\Delta g$	a max. inch	l inch	$\Delta lbs.$
P-39	45	255	400	1-1/2	10	.68
P-312	55	300	550	2-1/8	12	1.24

### Pliers, Lineman's/Side Cutting with Grips

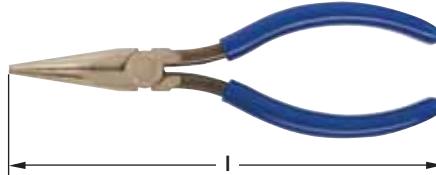
Pince universelle  
Pinza de Combinación



No.	l mm	$\Delta g$	l inch	$\Delta lbs.$
P-35	230	445	8-1/2	.98

### Pliers, Needle-Nose with Side Cutter

Pince demi ronde, longs becs  
Pinza de Punta Larga con Cortador



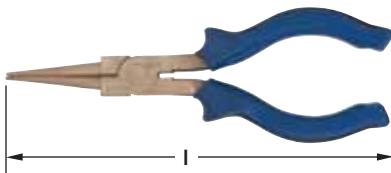
No.	l mm	$\Delta g$	l inch	$\Delta lbs.$
P-326	180	160	7	.34

## Pliers



### Pliers, Round Nose with Grips<sup>6</sup> (DIN 5249)

Pince ronde  
Pinza de Punta Redonda



No.	I mm	$\frac{lb}{in}$ g	I inch	$\frac{lb}{in}$ lbs.
8264	160	110	6-1/4	.24

### Pliers, Snap/Retaining Ring<sup>2</sup> (DIN 5256)

Pince pour circlips intérieurs  
Pinza Abre Anillos

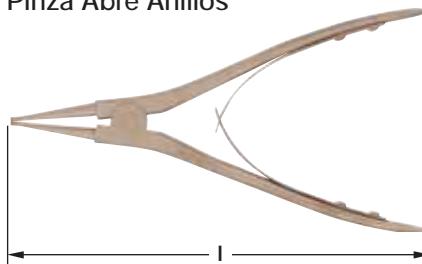


Internal  
Interne  
Interno

No.	I mm	$\frac{lb}{in}$ mm	$\frac{lb}{in}$ g	I inch	$\frac{lb}{in}$ inch	$\frac{lb}{in}$ lbs.
8320	140	8-25	120	5-1/2	5/16-1	.26
8322	180	19-60	220	7	3/4-2-3/8	.49
8324	225	40-100	300	8-3/4	1-9/16 -3-15/16	.66
8326	290	85-165	700	11-1/2	3-5/16 -6-1/2	1.54

### Pliers, Snap/Retaining Ring<sup>2</sup> (DIN 5254)

Pince pour circlips intérieurs  
Pinza Abre Anillos

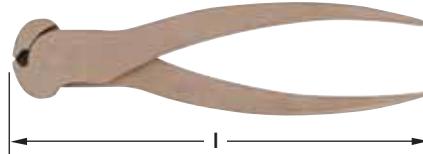


External  
Externe  
Externo

No.	I mm	$\frac{lb}{in}$ mm	$\frac{lb}{in}$ g	I inch	$\frac{lb}{in}$ inch	$\frac{lb}{in}$ lbs.
8300	140	3-10	110	5-1/2	1/8-3/8	.24
8302	140	10-25	120	5-1/2	3/8-1	.26
8304	180	19-60	220	7	3/4-2-3/8	.49
8306	225	40-100	300	8-3/4	1-9/16 -3-15/16	.66
8308	310	85-165	700	12-1/4	3-5/16 -6-1/2	1.54

### Pliers, Top Cutting<sup>2</sup>

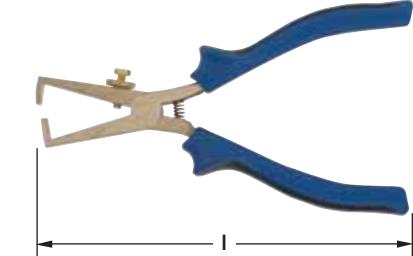
Pince à lame coupante  
Pinza de Corte Superior



No.	I mm	$\frac{lb}{in}$ g	I inch	$\frac{lb}{in}$ lbs.
8350	185	315	7-1/4	.69

### Pliers, Wire Stripping with Grips<sup>2</sup>

Pince à dénuder avec poignées  
Alicates pelacables con mango



No.	Dia. mm	I mm	$\frac{lb}{in}$ g	Dia. inch	I inch	$\frac{lb}{in}$ lbs.
8270	0.5 - 5	155	260	1/32 - 3/16	6	.57

## Pins / Punches

### Awl

Alène  
Lesna



No.	d mm	I mm	$\frac{lb}{in}$ g	d inch	I inch	$\frac{lb}{in}$ lbs.
A-1	5	185	45	3/16	7-1/4	.10

## Drift Pin, Barrel Type/Double-End Aligning Pin

Broche fusiforme

Perno de Dirección, Tipo Barril



No.	a mm	d mm	I mm	$\frac{d}{g}$	a inch	d inch	I inch	$\frac{d}{g}$ lbs.
D-1	5	17	200	230	3/16	11/16	8	.50
D-2	8	21	200	360	5/16	13/16	8	.80
D-3	10	24	200	415	7/16	15/16	8	.94
D-4	13	27	200	600	9/16	1-1/16	8	1.32
D-5	18	30	200	880	11/16	1-3/16	8	1.95
D-6	22	33	200	1050	13/16	1-5/16	8	2.32

## Drift Pin, Straight Type/Single-End Aligning Pin

Broches d'assemblage, droite/simple d'alignement

Perno pasador, Perno alineador recto/de extremo simple

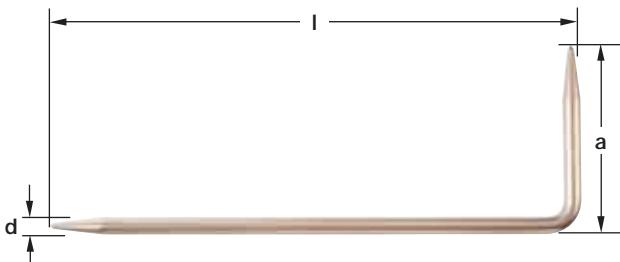


No.	a mm	d mm	I mm	$\frac{d}{g}$	a inch	d inch	I inch	$\frac{d}{g}$ lbs.
D-20	6	13	150	100	1/4	1/2	6	.22
D-21	7	17	150	100	9/32	11/16	6	.22
D-22	8	21	205	175	5/16	13/16	8	.38
D-23	12	24	255	645	7/16	15/16	10	1.42
D-24	13	29	255	865	1/2	1-1/8	10	1.90

## Pin, Offset

Goupille coudée

Perno Acodado



No.	d mm	a mm	I mm	$\frac{d}{g}$	d inch	a inch	I inch	$\frac{d}{g}$ lbs.
P-8200	16	152	450	930	5/8	6	17-3/4	2.05
P-8202	19	152	450	1300	3/4	6	17-3/4	2.87
P-8204	24	152	450	2000	15/16	6	17-3/4	4.41
P-8206	25	152	450	2300	1	6	17-3/4	5.07
P-8208	35	152	450	3300	1-3/8	6	17-3/4	7.28

## Punch (DIN 6458)

Poinçon

Punzón



No.	a mm	d mm	I mm	$\frac{d}{g}$	a inch	d inch	I inch	$\frac{d}{g}$ lbs.
P-8501	1	9.5	120	45	3/64	3/8	4-3/4	.10
P-8502	2	13	120	45	5/64	1/2	4-3/4	.10
P-8503	3	13	120	45	1/8	1/2	4-3/4	.10
P-8504	4	13	120	90	5/32	1/2	4-3/4	.20
P-8505	5	13	120	90	3/16	1/2	4-3/4	.20
P-8506	6	13	120	90	1/4	1/2	4-3/4	.20
P-8507	7	13	120	90	9/32	1/2	4-3/4	.20
P-8508	8	13	120	90	5/16	1/2	4-3/4	.20
P-8505L	5	13	150	115	13/64	1/2	6	.25
P-8506L	6	13	150	115	1/4	1/2	6	.25
P-8507L	7	13	150	115	9/32	1/2	6	.25
P-8508L	8	13	150	115	5/16	1/2	6	.25
P-8509	9	13	150	115	3/8	1/2	6	.25
P-8510	10	13	150	115	25/64	1/2	6	.25
P-8512	12	16	150	180	15/32	5/8	6	.40
P-8513	13	19	150	180	1/2	3/4	6	.40
P-8514	14	19	150	270	9/16	3/4	6	.60
P-8516	16	19	200	500	5/8	3/4	7-3/4	1.10
P-8518	18	22	200	500	45/64	7/8	7-3/4	1.10
P-8520	20	25	200	610	25/32	1	7-3/4	1.35
P-8522	22	25	200	610	7/8	1	7-3/4	1.35

## Punch, Center

Pointeau

Punzón de Marcar



No.	d mm	I mm	$\frac{d}{g}$	d inch	I inch	$\frac{d}{g}$ lbs.
P-1290	8	100	25	5/16	4	.06
P-1291	10	115	45	3/8	4-1/2	.10
P-1292	13	130	90	1/2	5	.20
P-1292A	14	70	45	9/16	4-1/4	.15
P-1293	16	150	175	5/8	6	.38
P-1294	18	140	270	11/16	5-1/2	.60
P-1295	20	160	340	3/4	6-1/4	.75
P-1296	24	205	545	15/16	8	1.20
P-1297	27	240	795	1-1/16	9-1/2	1.75

## Punch, Machinists'

Chasse-goupilles, série lourde  
Punzón de Mecánico



No.	a mm	d mm	I mm	$\Delta\Delta$ g	a inch	d inch	I inch	$\Delta\Delta$ lbs.
P-40	5	16	215	255	3/16	5/8	8-1/2	.56
P-41	10	19	230	420	3/8	3/4	9	.92
P-42	13	25	255	880	1/2	1	10	1.94

## Punch, Pin

Chasse-goupilles, série légère  
Botador



No.	a mm	d mm	I mm	$\Delta\Delta$ g	a inch	d inch	I inch	$\Delta\Delta$ lbs.
P-48	1.5	8	110	45	1/16	5/16	4-3/16	.10
P-49	2	8	110	45	1/16	5/16	4-3/16	.10
P-50	3	10	125	45	1/8	3/8	5	.10
P-51	6	14	150	125	1/4	9/16	6	.28
P-51A	8	14	150	135	5/16	9/16	6	.30
P-52	10	14	175	155	3/8	9/16	7	.34
P-53	13	17	200	290	1/2	11/16	8	.64
P-54	16	21	230	480	5/8	13/16	9	1.06

## Scriber, Double End

Pointe à tracer double  
Rayador de Doble Extremo



No.	d mm	I mm	$\Delta\Delta$ g	d inch	I inch	$\Delta\Delta$ lbs.
S-100	3	150	9	1/8	6	.02

## Spike, Marlin

Epissoir  
Pica de Marlin



No.	I mm	$\Delta\Delta$ g	I inch	$\Delta\Delta$ lbs.
MS-1-ST	405	915	16	2.02



## Bar, Crow

Pince à décoffrer  
Barra de Demolición



No.	a mm	b mm	I mm	$\Delta\Delta$ g	a inch	b inch	I inch	$\Delta\Delta$ lbs.
W-29	28	16	460	870	1-1/8	5/8	18	1.92
W-30	33	19	610	1700	1-1/4	3/4	24	3.78
W-30a	39	22	760	2720	1-9/16	7/8	30	6.00
W-31	43	22	920	3300	1-11/16	7/8	36	7.24

## Bar, Pinch

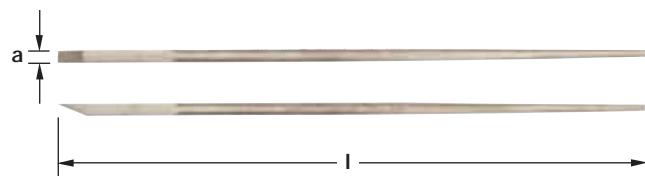
Pince à talon  
Barra Pie de Cabra



No.	b mm	s mm	I mm	$\Delta\Delta$ g	b inch	s inch	I inch	$\Delta\Delta$ lbs.
P-9	25	19	460	1040	1	3/4	18	2.28
P-8	28	22	760	2330	1-1/8	7/8	30	5.14
P-10	35	25	910	3960	1-3/8	1	36	8.74

## Bar, Pry

Pince à levier  
Barra Pata de Gallo



No.	a mm	I mm	$\Delta\Delta$ g	a inch	I inch	$\Delta\Delta$ lbs.
P-11	28	1525	8500	1-1/4	60	18.76
P-12	32	1730	11000	1-3/8	68	24.48



## CROW BARS

Strongest bars in the industry

- Industry-standard grip for familiarity and confidence



Corrosion Resistant

High-performance design



## Hex Nut Driver

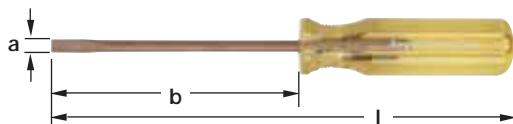
Clé à douille pour boulons à six pans  
Dirigidor de Tuercas Hexagonales



Millimeter (mm)				American Inch ("")					
No.	s mm	a mm	l mm	$\frac{d}{2}$ g	No.	s inch	a inch	l inch	$\frac{d}{2}$ lbs.
ND-3.5MM	3.5	130	215	70	ND-1/8	1/8	3-7/16	6-7/8	.15
ND-4MM	4	130	215	70	ND-5/32	5/32	3-7/16	6-7/8	.15
ND-4.5MM	4.5	130	215	70	ND-3/16	3/16	3-7/16	6-7/8	.15
ND-5MM	5	130	215	70	ND-7/32	7/32	3-7/16	6-7/8	.15
ND-5.5MM	5.5	130	215	70	ND-1/4	1/4	3-7/16	6-7/8	.20
ND-6MM	6	130	215	70	ND-9/32	9/32	3-7/16	6-7/8	.25
ND-6.5MM	6.5	130	215	70	ND-5/16	5/16	3-7/16	6-7/8	.25
ND-7MM	7	130	215	70	ND-11/32	11/32	3-7/16	7-7/16	.40
ND-7.5MM	7.5	130	215	70	ND-3/8	3/8	3-7/16	7-7/16	.40
ND-8MM	8	130	215	70	ND-7/16	7/16	3-7/16	7-7/16	.40
ND-9MM	9	130	215	70	ND-1/2	1/2	3-7/16	7-7/16	.40
ND-10MM	10	130	230	135	ND-9/16	9/16	3-7/16	7-7/16	.40
ND-11MM	11	130	230	135	ND-5/8	5/8	3-7/16	7-7/16	.50
ND-12MM	12	130	230	135	ND-11/16	11/16	4-5/16	9	.55
ND-13MM	13	130	230	135	ND-3/4	3/4	4-5/16	9	.55
ND-14MM	14	130	230	135	ND-13/16	13/16	4-5/16	9	.55
ND-15MM	15	130	230	225	ND-7/8	7/8	4-5/16	9	.55
ND-16MM	16	130	255	225					
ND-17MM	17	130	255	225					
ND-18MM	18	130	255	225					

## Screwdriver, Cabinet-Tip

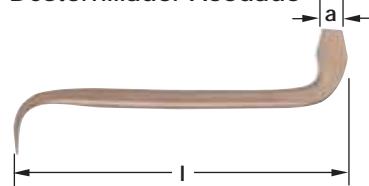
Tournevis, lame cylindrique  
Destornillador, Hoja Cilíndrica



No.	a mm	b mm	l mm	$\frac{d}{2}$ g	a inch	b inch	l inch	$\frac{d}{2}$ lbs.
S-53	5	80	170	45	3/16	3-1/8	6-5/8	.14
S-55	5	150	240	75	3/16	6	9-1/2	.16
S-52	6	100	195	65	1/4	4	7-5/8	.14
S-56	10	305	430	340	3/8	12	17	.75

## Screwdriver, Offset

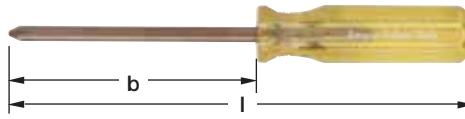
Tournevis coudé  
Destornillador Acodado



No.	a mm	l mm	$\frac{d}{2}$ g	a inch	l inch	$\frac{d}{2}$ lbs.
S-1004b	6	130	35	1/4	5	.08
S-1004	10	140	90	3/8	5-1/4	.18
S-1005	13	190	190	1/2	7-1/4	.42

## Screwdriver, Phillips

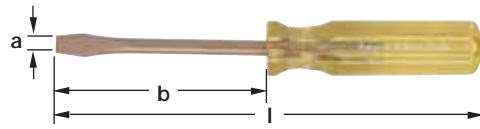
Tournevis cruciforme  
Destornillador Estrella



No.	Type	b mm	l mm	$\frac{d}{2}$ g	b inch	l inch	$\frac{d}{2}$ lbs.
S-1098	0	60	150	35	2-3/8	6	.08
S-1099a	1	75	155	55	3	6-1/2	.12
S-1099	2	100	190	75	4	7-1/2	.16
S-1100	3	150	260	135	6	10-1/8	.30
S-1101	4	200	330	225	8	13	.50

## Screwdriver, Standard

Tournevis, manche plastique  
Destornillador

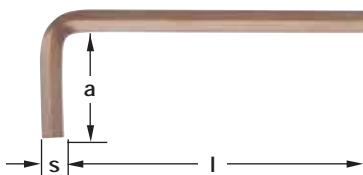


No.	a mm	b mm	l mm	$\frac{d}{2}$ g	a inch	b inch	l inch	$\frac{d}{2}$ lbs.
S-34	3	60	140	25	1/8	2-3/8	5-1/2	.05
S-54	3	150	240	65	1/8	6	9-1/2	.14
S-35	4	70	165	35	5/32	2-3/4	6-1/2	.08
S-36	4	120	215	55	5/32	4-3/4	8-1/2	.12
S-37	5	80	170	35	3/16	3-1/8	6-5/8	.08
S-38	6	100	195	45	1/4	4	7-5/8	.10
S-39	6	150	245	65	1/4	5-7/8	9-5/8	.14
S-48	8	75	165	45	5/16	3	6-1/2	.10
S-49	8	150	260	135	5/16	6	10-1/8	.30
S-50	10	200	330	225	3/8	8	13	.50
S-51	10	300	430	290	3/8	12	17	.64



## Wrench, Hex Key<sup>5</sup> (DIN 6911)

Clé male pour vis creuse à 6 pans  
Llave Allen



Millimeter (mm)					American Inch ("")				
No.	s mm	a mm	l mm	lbs.	No.	s inch	a inch	l inch	lbs.
WH-1.5MM	1.5	20	45	.2	WH-1/16	1/16	3/4	1-3/4	.01
WH-2MM	2	20	45	.2	WH-5/64	5/64	3/4	1-3/4	.02
WH-2.5MM	2.5	20	45	.4	WH-3/32	3/32	3/4	1-7/8	.02
WH-3MM	3	20	63	.5	WH-1/8	1/8	13/16	2-5/16	.02
WH-4MM	4	25	70	11	WH-5/32	5/32	7/8	2-1/2	.02
WH-5MM	5	28	79	19	WH-3/16	3/16	7/8	2-7/8	.04
WH-6MM	6	32	90	30	WH-7/32	7/32	1-1/16	3-1/8	.06
WH-7MM	7	35	95	45	WH-1/4	1/4	1-1/16	3-7/8	.08
WH-8MM	8	36	100	60	WH-5/16	5/16	1-3/8	4-1/8	.14
WH-9MM	9	38	105	83	WH-3/8	3/8	1-1/2	4-1/2	.24
WH-10MM	10	40	110	105	WH-7/16	7/16	1-3/4	5-1/4	.36
WH-11MM	11	41	120	138	WH-1/2	1/2	1-3/4	5-1/4	.46
WH-12MM	12	44	125	170	WH-9/16	9/16	1-3/4	5-3/4	.62
WH-13MM	13	51	135	215	WH-5/8	5/8	1-7/8	6-1/4	.86
WH-14MM	14	57	140	260	WH-11/16	11/16	2-1/4	7-1/4	1.20
WH-17MM	17	63	160	444	WH-3/4	3/4	2-1/4	7-1/4	1.42
WH-19MM	19	70	180	618	WH-7/8	7/8	2-1/4	7-1/4	1.98
WH-22MM	22	80	200	950	WH-1	1	2-1/4	7-1/4	2.60
WH-24MM	24	90	222	1260					
WH-27MM	27	100	250	1780					
WH-30MM	30	115	280	2460					
WH-32MM	32	125	320	3140					
WH-36MM	36	140	355	4470					

## Wrench, Hex Key, T-Handle

Clé, clé hexagonale, poignée en T  
Llave Allen de mango en T



Millimeter (mm)					American Inch ("")				
No.	s mm	a mm	l mm	lbs.	No.	s inch	a inch	l inch	lbs.
WT-2MM	2	115	150	.45	WT-5/64	5/64	4-1/2	6	.10

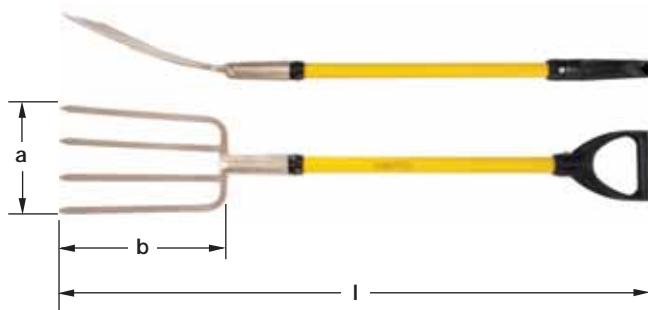
No.	s mm	a mm	l mm	lbs.	No.	s inch	a inch	l inch	lbs.
WT-2.5MM	2.5	115	150	.45	WT-3/32	3/32	4-1/2	6	.10
WT-3MM	3	115	150	.45	WT-1/8	1/8	4-1/2	6	.20
WT-4MM	4	115	150	.70	WT-5/32	5/32	4-1/2	6	.20
WT-5MM	5	115	150	1.35	WT-3/16	3/16	4-1/2	6	.30
WT-6MM	6	115	150	1.35	WT-7/32	7/32	4-1/2	6	.30
WT-7MM	7	115	150	1.60	WT-1/4	1/4	4-1/2	6	.35
WT-8MM	8	115	150	2.70	WT-5/16	5/16	4-1/2	6	.60
WT-9MM	9	115	150	2.70	WT-3/8	3/8	4-1/2	6	.90
WT-10MM	10	115	150	4.10					

## Shovels / Forks

### Fork, Garden with Fiberglass Handle

Fourche bêche, emmanchée  
(Avec manche en fibre de verre)

Horquilla de Jardinería (Con mango de fibra de vidrio)

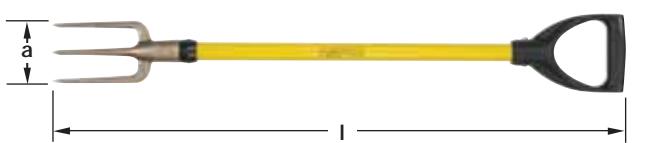


No.	a mm	b mm	l mm	lbs.	a inch	b inch	l inch	lbs.
F-5FG	180	290	1015	1680	7	11-1/2	40	3.70

### Fork, Guncotton with Fiberglass Handle

Fourche pour fulmicoton ou nitrocellulose  
(Avec manche en fibre de verre)

Horquilla para Algodón (Con mango de fibra de vidrio)



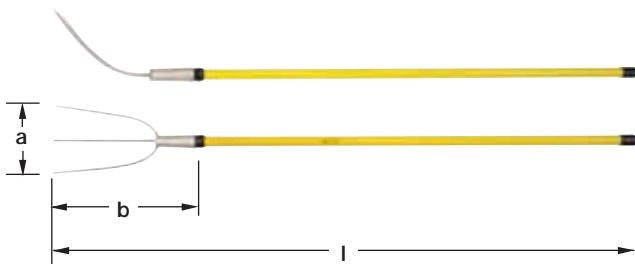
No.	Tine	a mm	l mm	lbs.	a inch	l inch	lbs.
F-1FG	3	100	915	590	4	36	2.70
F-1AFG	4	150	1065	1300	6	42	4.20

**Fork, Hay with Fiberglass Handle**

Fourche 3 dents, emmanchée

(Avec manche en fibre de verre)

Horquilla para Heno (Con mango de fibra de vidrio)



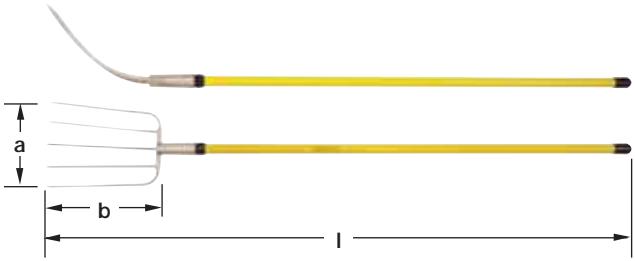
No.	a mm	b mm	l mm	$\frac{lb}{g}$	a inch	b inch	l inch	$\frac{lb}{lbs.}$
F-3FG	180	290	1660	1406	7	11-1/2	65-1/4	3.10

**Fork, Manure with Fiberglass Handle**

Fourche 5 dents, emmanchée

(Avec manche en fibre de verre)

Horquilla para Abono (Con mango de fibra de vidrio)

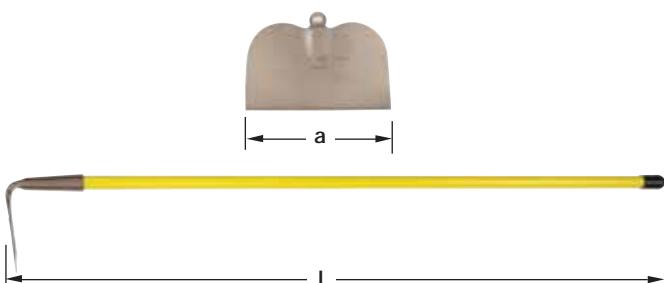


No.	a mm	b mm	l mm	$\frac{lb}{g}$	a inch	b inch	l inch	$\frac{lb}{lbs.}$
F-4FG	230	330	1665	1770	9	13	65-1/2	3.90

**Hoe, Garden/Mixing, Straight Blade with Fiberglass Handle**

Houe à manche long (Avec manche en fibre de verre)

Azadón de Jardín (Con mango de fibra de vidrio)

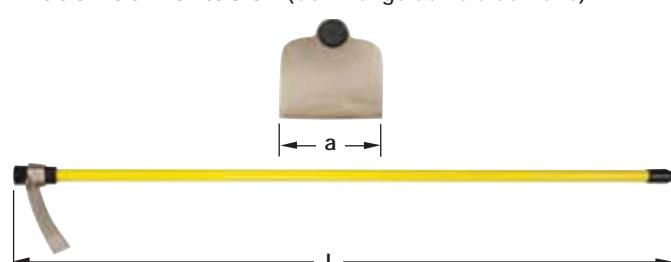


No.	a mm	l mm	$\frac{lb}{g}$	a inch	l inch	$\frac{lb}{lbs.}$
H-100FG	150	1400	1635	6	55	3.60
H-101FG	200	1400	1770	8	55	3.90
H-102FG	250	1400	2090	10	55	4.60
H-103FG	290	1400	2175	11-1/2	55	4.80

**Hoe, Planters'/Mixing, Angled Blade with Fiberglass Handle**

Houe, emmanchée (Avec manche en fibre de verre)

Azadón de Plantación (Con mango de fibra de vidrio)

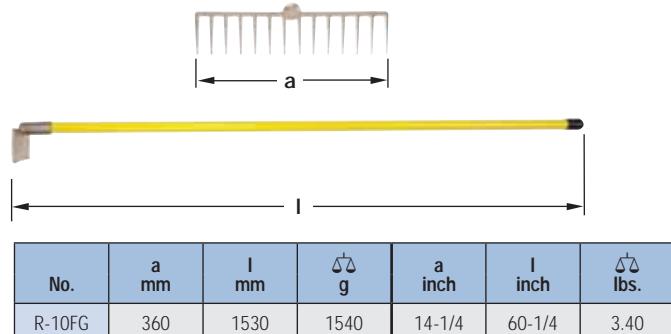


No.	a mm	l mm	$\frac{lb}{g}$	a inch	l inch	$\frac{lb}{lbs.}$
H-110FG	200	1400	1540	7-3/4	55	3.40

**Rake with Fiberglass Handle**

Rateau, 14 dents (Avec manche en fibre de verre)

Rastrillo (Con mango de fibra de vidrio)

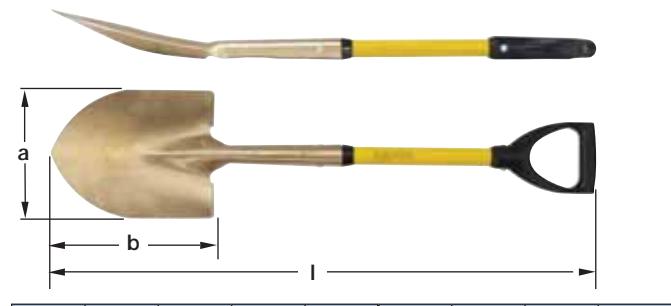


No.	a mm	l mm	$\frac{lb}{g}$	a inch	l inch	$\frac{lb}{lbs.}$
R-10FG	360	1530	1540	14-1/4	60-1/4	3.40

**Shovel, Round Point with Foot Step & D-Grip with Fiberglass Handle (DIN 20121)**

Pelle de terrassier avec manche à poignée fermée (Avec manche en fibre de verre)

Pala de punta redonda con pie de empuje y mango en D (Con mango de fibra de vidrio)



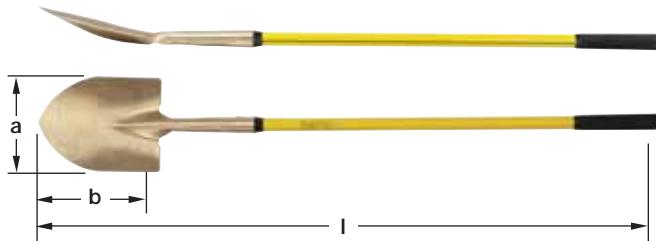
No.	a mm	b mm	l mm	$\frac{lb}{g}$	a inch	b inch	l inch	$\frac{lb}{lbs.}$
S-83FG	230	285	940	1905	9	11-1/4	37	4.20

## Shovel, Round Point with Foot Step & Long Handle with Fiberglass Handle (DIN 20121)

Pelle de terrassier, manche droit

(Avec manche en fibre de verre)

Pala de punta redonda con pie de empuje y mango largo (Con mango de fibra de vidrio)



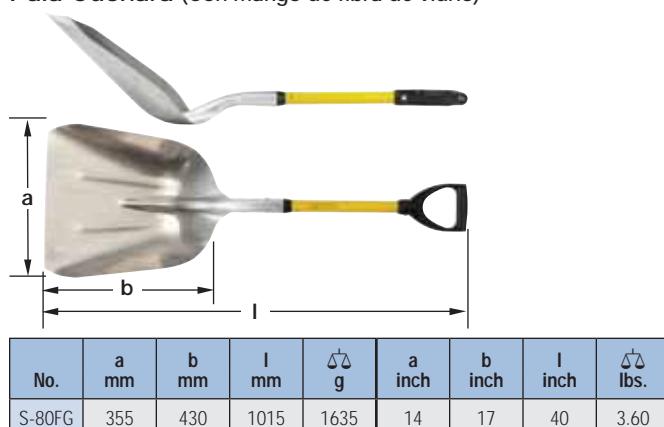
No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
S-81FG	230	285	1435	2270	9	11-1/4	56-1/2	5.00

## Shovel, Scoop with D-Grip with Fiberglass Handle

Pelle creuse, manche à poignée

(Avec manche en fibre de verre)

Pala Cuchara (Con mango de fibra de vidrio)

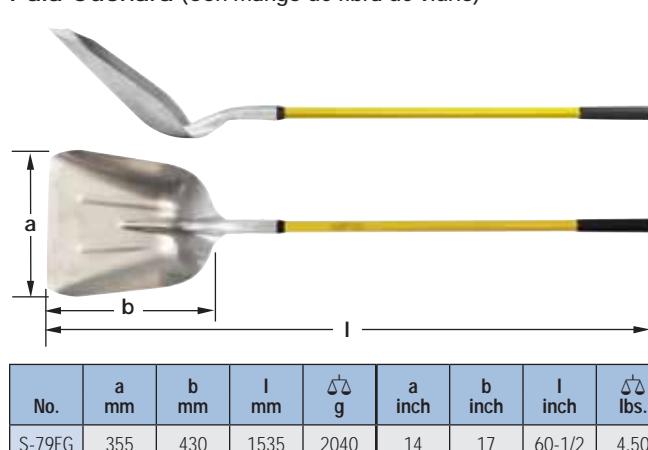


No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
S-80FG	355	430	1015	1635	14	17	40	3.60

## Shovel, Scoop with Long Handle with Fiberglass Handle

Pelle creuse, manche droit (Avec manche en fibre de verre)

Pala Cuchara (Con mango de fibra de vidrio)



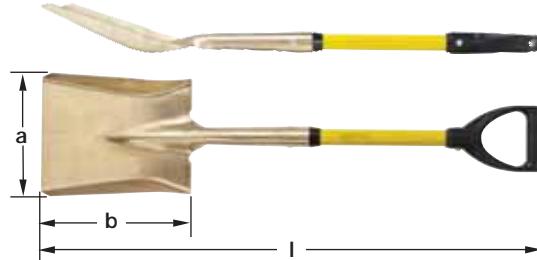
No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
S-79FG	355	430	1535	2040	14	17	60-1/2	4.50

## Shovel, Square Point with Foot Step & D-Grip with Fiberglass Handle

Pelle à boue avec manche à poignée fermée

(Avec manche en fibre de verre)

Pala de punta cuadrada con pie de empuje y mango en D (Con mango de fibra de vidrio)



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
S-84FG	230	280	940	2180	9	11	37	4.80

## Shovel, Square Point with Foot Step & Long Handle with Fiberglass Handle (DIN 20123)

Pelle à boue, manche droit et longue poignée

(Avec manche en fibre de verre)

Pala de punta cuadrada con pie de empuje y mango largo (Con mango de fibra de vidrio)

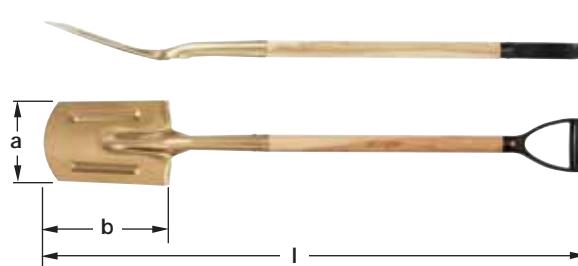


No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
S-82FG	230	280	1475	2631	9	11	58	5.80

## Spade, Edging with D-Grip<sup>1</sup> with Fiberglass Handle (DIN 20127)

Bêche, manche à poignée (Avec manche en fibre de verre)

Azada de Borde (Con mango de fibra de vidrio)



No.	a mm	b mm	l mm	$\Delta\Delta$ g	a inch	b inch	l inch	$\Delta\Delta$ lbs.
7732	185	280	1180	2700	7-1/4	11	46-1/2	5.95

<sup>1</sup> Made in United Kingdom

## Sockets, 6-Point

Douille, 6 Pans  
Cubo, 6-Puntos



1/4" Drive (a) Standard / Standard / Estándar

1/4" Drive (a) Deep Well / Profondes / Cubo largo

No.	s mm	I mm	$\frac{lbs}{g}$	No.	s mm	I mm	$\frac{lbs}{g}$
SS-1/4D4MM	4	13	11	DW-1/4D4MM	4	50	23
SS-1/4D4.5MM	4.5	13	11	DW-1/4D4.5MM	4.5	50	23
SS-1/4D5MM	5	13	12	DW-1/4D5MM	5	50	23
SS-1/4D5.5MM	5.5	13	12	DW-1/4D5.5MM	5.5	50	23
SS-1/4D6MM	6	13	12	DW-1/4D6MM	6	50	23
SS-1/4D7MM	7	13	13	DW-1/4D7MM	7	50	23
SS-1/4D8MM	8	16	15	DW-1/4D8MM	8	50	23
SS-1/4D9MM	9	16	17	DW-1/4D9MM	9	50	35
SS-1/4D10MM	10	17	18	DW-1/4D10MM	10	50	45
SS-1/4D11MM	11	17	24	DW-1/4D11MM	11	50	70
SS-1/4D12MM	12	21	32	DW-1/4D12MM	12	50	70
SS-1/4D13MM	13	21	32	DW-1/4D13MM	13	50	70
SS-1/4D14MM	14	22	40	DW-1/4D14MM	14	50	70

No.	s inch	I inch	$\frac{lbs}{g}$	No.	s inch	I inch	$\frac{lbs}{g}$
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SS-1/4D3/16	3/16	9/16	.02	DW-1/4D3/16	3/16	1-15/16	.05
SS-1/4D7/32	7/32	9/16	.03	DW-1/4D7/32	7/32	1-15/16	.05
SS-1/4D1/4	1/4	5/8	.03	DW-1/4D1/4	1/4	1-15/16	.05
SS-1/4D9/32	9/32	5/8	.03	DW-1/4D9/32	9/32	1-15/16	.05
SS-1/4D5/16	5/16	5/8	.03	DW-1/4D5/16	5/16	1-15/16	.05
SS-1/4D11/32	11/32	5/8	.03	DW-1/4D11/32	11/32	1-15/16	.08
SS-1/4D3/8	3/8	11/16	.04	DW-1/4D3/8	3/8	1-15/16	.10
SS-1/4D7/16	7/16	11/16	.05	DW-1/4D7/16	7/16	1-15/16	.15
SS-1/4D1/2	1/2	13/16	.07	DW-1/4D1/2	1/2	1-15/16	.15
SS-1/4D9/16	9/16	7/8	.09	DW-1/4D9/16	9/16	1-15/16	.20

3/8" Drive (a) Standard / Standard / Estándar

3/8" Drive (a) Deep Well / Profondes / Cubo largo

No.	s mm	I mm	$\frac{lbs}{g}$	No.	s mm	I mm	$\frac{lbs}{g}$
SS-3/8D7MM	7	19	25	DW-3/8D7MM	7	44	90
SS-3/8D8MM	8	19	25	DW-3/8D8MM	8	44	90
SS-3/8D9MM	9	21	25	DW-3/8D9MM	9	44	90
SS-3/8D10MM	10	21	25	DW-3/8D10MM	10	44	90
SS-3/8D11MM	11	22	25	DW-3/8D11MM	11	44	90
SS-3/8D12MM	12	25	25	DW-3/8D12MM	12	44	90

No.	s mm	I mm	$\frac{lbs}{g}$	No.	s mm	I mm	$\frac{lbs}{g}$
SS-3/8D13MM	13	25	45	DW-3/8D13MM	13	44	110
SS-3/8D14MM	14	27	45	DW-3/8D14MM	14	47	115
SS-3/8D15MM	15	27	45	DW-3/8D15MM	15	47	115
SS-3/8D16MM	16	30	45	DW-3/8D16MM	16	50	135
SS-3/8D17MM	17	30	70	DW-3/817MM	17	50	135
SS-3/8D18MM	18	30	70	DW-3/8D18MM	18	54	140
SS-3/8D19MM	19	30	70	DW-3/8D19MM	19	54	160
SS-3/8D20MM	20	30	70	DW-3/8D20MM	20	54	160
SS-3/8D21MM	21	32	70	DW-3/8D21MM	21	63	180
SS-3/8D22MM	22	33	90	DW-3/8D22MM	22	63	180
SS-3/8D23MM	23	33	90	DW-3/8D23MM	23	64	180
SS-3/8D24MM	24	33	90	DW-3/8D24MM	24	65	225
SS-3/8D25MM	25	33	90	DW-3/8D25MM	25	67	250

No.	s inch	I inch	$\frac{lbs}{g}$	No.	s inch	I inch	$\frac{lbs}{g}$
SS-3/8D1/4	1/4	3/4	.05	DW-3/8D1/4	1/4	1-3/4	.20
SS-3/8D5/16	5/16	3/4	.05	DW-3/8D5/16	5/16	1-3/4	.20
SS-3/8D3/8	3/8	13/16	.05	DW-3/8D3/8	3/8	1-3/4	.20
SS-3/8D7/16	7/16	7/8	.05	DW-3/8D7/16	7/16	1-3/4	.20
SS-3/8D1/2	1/2	15/16	.10	DW-3/8D1/2	1/2	1-3/4	.20
SS-3/8D9/16	9/16	1-1/16	.10	DW-3/8D9/16	9/16	1-7/8	.25
SS-3/8D5/8	5/8	1-1/8	.20	DW-3/8D5/8	5/8	2	.30
SS-3/8D11/16	11/16	1-1/8	.20	DW-3/8D11/16	11/16	2-1/8	.30
SS-3/8D3/4	3/4	1-3/16	.20	DW-3/8D3/4	3/4	2-1/8	.35
SS-3/8D13/16	13/16	1-1/4	.25	DW-3/8D13/16	13/16	2-1/2	.40
SS-3/8D7/8	7/8	1-5/16	.28	DW-3/8D7/8	7/8	2-1/2	.40
SS-3/8D15/16	15/16	1-5/16	.30	DW-3/8D15/16	15/16	2-1/2	.50
SS-3/8D1	1	1-3/8	.30	DW-3/8D1	1	2-1/2	.50



## SOCKETS

A full line of Standard, Impact and Deep Well Sockets and Accessories available in 1/4", 3/8", 1/2", 3/4" and 1" sizes





1/2" Drive (a) Standard / Standard / Estándar				1/2" Drive (a) Deep Well / Profondes / Cubo largo			
No.	s mm	I mm	lbs g	No.	s mm	I mm	lbs g
SS-1/2D6MM	6	30	.45	DW-1/2D6MM	6	75	.225
SS-1/2D7MM	7	30	.45	DW-1/2D7MM	7	75	.225
SS-1/2D8MM	8	30	.70	DW-1/2D8MM	8	75	.225
SS-1/2D9MM	9	30	.70	DW-1/2D9MM	9	75	.225
SS-1/2D10MM	10	30	.70	DW-1/2D10MM	10	75	.225
SS-1/2D11MM	11	30	.70	DW-1/2D11MM	11	75	.225
SS-1/2D12MM	12	30	.70	DW-1/2D12MM	12	75	.225
SS-1/2D13MM	13	30	.70	DW-1/2D13MM	13	75	.225
SS-1/2D14MM	14	30	.70	DW-1/2D14MM	14	75	.225
SS-1/2D15MM	15	30	.90	DW-1/2D15MM	15	75	.225
SS-1/2D16MM	16	37	1.15	DW-1/2D16MM	16	75	.250
SS-1/2D17MM	17	37	1.15	DW-1/2D17MM	17	75	.250
SS-1/2D18MM	18	37	1.15	DW-1/2D18MM	18	75	.250
SS-1/2D19MM	19	37	1.15	DW-1/2D19MM	19	75	.270
SS-1/2D20MM	20	38	1.60	DW-1/2D20MM	20	75	.320
SS-1/2D21MM	21	38	1.60	DW-1/2D21MM	21	75	.320
SS-1/2D22MM	22	38	2.05	DW-1/2D22MM	22	75	.385
SS-1/2D23MM	23	38	2.05	DW-1/2D23MM	23	75	.385
SS-1/2D24MM	24	38	2.25	DW-1/2D24MM	24	75	.410
SS-1/2D25MM	25	38	2.25	DW-1/2D25MM	25	75	.410
SS-1/2D26MM	26	38	2.50	DW-1/2D26MM	26	75	.430
SS-1/2D27MM	27	38	2.70	DW-1/2D27MM	27	75	.430
SS-1/2D28MM	28	41	2.95	DW-1/2D28MM	28	75	.430
SS-1/2D29MM	29	41	3.40	DW-1/2D29MM	29	75	.465
SS-1/2D30MM	30	41	3.40	DW-1/2D30MM	30	75	.465
SS-1/2D31MM	31	41	3.40	DW-1/2D31MM	31	75	.465
SS-1/2D32MM	32	41	3.40	DW-1/2D32MM	32	75	.465
No.	s inch	I inch	lbs.	No.	s inch	I inch	lbs.
SS-1/2D1/4	1/4	1-3/16	.15	DW-1/2D1/4	1/4	3-3/16	.50
SS-1/2D5/16	5/16	1-3/16	.15	DW-1/2D5/16	5/16	3-3/16	.50
SS-1/2D3/8	3/8	1-3/16	.15	DW-1/2D3/8	3/8	3-3/16	.50
SS-1/2D7/16	7/16	1-3/16	.15	DW-1/2D7/16	7/16	3-3/16	.50
SS-1/2D1/2	1/2	1-3/16	.20	DW-1/2D1/2	1/2	3-3/16	.50
SS-1/2D9/16	9/16	1-3/16	.20	DW-1/2D9/16	9/16	3-3/16	.50
SS-1/2D19/32	19/32	1-3/16	.20	DW-1/2D19/32	19/32	3-3/16	.50
SS-1/2D5/8	5/8	1-7/16	.25	DW-1/2D5/8	5/8	3-3/16	.55
SS-1/2D21/32	21/32	1-7/16	.25	DW-1/2D21/32	21/32	3-3/16	.55
SS-1/2D11/16	11/16	1-7/16	.25	DW-1/2D11/16	11/16	3-3/16	.55
SS-1/2D3/4	3/4	1-7/16	.35	DW-1/2D3/4	3/4	3-3/16	.60
SS-1/2D25/32	25/32	1-7/16	.35	DW-1/2D25/32	25/32	3-3/16	.70
SS-1/2D13/16	13/16	1-7/16	.35	DW-1/2D13/16	13/16	3-3/16	.70
SS-1/2D7/8	7/8	1-1/2	.40	DW-1/2D7/8	7/8	3-3/16	.85
SS-1/2D15/16	15/16	1-1/2	.40	DW-1/2D15/16	15/16	3-3/16	.85
SS-1/2D1	1	1-1/2	.50	DW-1/2D1	1	3-3/16	1.00
SS-1/2D1-1/16	1-1/16	1-1/2	.60	DW-1/2D1-1/16	1-1/16	3-3/16	1.20
SS-1/2D1-1/8	1-1/8	1-5/8	.60	DW-1/2D1-1/8	1-1/8	3-3/16	1.20

No.	s inch	I inch	lbs.	No.	s inch	I inch	lbs.
SS-1/2D1-3/16	1-3/16	1-5/8	.75	DW-1/2D1-3/16	1-3/16	3-3/16	1.50
SS-1/2D1-1/4	1-1/4	1-5/8	.75	DW-1/2D1-1/4	1-1/4	3-3/16	1.50
SS-1/2D1-5/16	1-5/16	1-7/8	.90	DW-1/2D1-5/16	1-5/16	3-3/16	1.60
SS-1/2D1-3/8	1-3/8	1-7/8	.90	DW-1/2D1-3/8	1-3/8	3-3/16	1.60
SS-1/2D1-7/16	1-7/16	1-7/8	1.05	DW-1/2D1-7/16	1-7/16	3-3/16	1.60
SS-1/2D1-1/2	1-1/2	2-3/16	1.10	DW-1/2D1-1/2	1-1/2	3-3/16	1.65
SS-1/2D1-9/16	1-9/16	2-1/4	1.10	DW-1/2D1-9/16	1-9/16	3-3/16	1.65
SS-1/2D1-5/8	1-5/8	2-1/4	1.55	DW-1/2D1-5/8	1-5/8	3-3/16	1.65
3/4" Drive (a) Standard / Standard / Estándar				3/4" Drive (a) Deep Well / Profondes / Cubo largo			
No.	s mm	I mm	lbs g	No.	s mm	I mm	lbs g
SS-3/4D19MM	19	44	180	DW-3/4D19MM	19	85	455
SS-3/4D21MM	21	44	180	DW-3/4D21MM	21	85	455
SS-3/4D22MM	22	44	180	DW-3/4D22MM	22	85	455
SS-3/4D23MM	23	44	180	DW-3/4D23MM	23	85	455
SS-3/4D24MM	24	46	250	DW-3/4D24MM	24	85	455
SS-3/4D25MM	25	46	250	DW-3/4D25MM	25	85	455
SS-3/4D26MM	26	46	270	DW-3/4D26MM	26	85	635
SS-3/4D27MM	27	46	270	DW-3/4D27MM	27	85	635
SS-3/4D28MM	28	46	270	DW-3/4D28MM	28	85	635
SS-3/4D29MM	29	46	300	DW-3/4D29MM	29	85	635
SS-3/4D30MM	30	48	300	DW-3/4D30MM	30	85	705
SS-3/4D31MM	31	49	430	DW-3/4D31MM	31	85	705
SS-3/4D32MM	32	49	430	DW-3/4D32MM	32	85	705
SS-3/4D33MM	33	49	500	DW-3/4D33MM	33	85	795
SS-3/4D34MM	34	49	500	DW-3/4D34MM	34	85	795
SS-3/4D35MM	35	49	500	DW-3/4D35MM	35	85	795
SS-3/4D36MM	36	49	660	DW-3/4D36MM	36	85	995
SS-3/4D37MM	37	52	660	DW-3/4D37MM	37	85	995
SS-3/4D38MM	38	52	660	DW-3/4D38MM	38	85	995
SS-3/4D40MM	40	52	660	DW-3/4D40MM	40	95	1020
SS-3/4D41MM	41	52	660	DW-3/4D41MM	41	95	1020
SS-3/4D42MM	42	57	930	DW-3/4D42MM	42	95	1135
SS-3/4D46MM	46	57	930	DW-3/4D46MM	46	95	1135
SS-3/4D47MM	47	62	930	DW-3/4D47MM	47	95	1585
SS-3/4D50MM	50	62	930	DW-3/4D50MM	50	95	1585
SS-3/4D52MM	52	67	1450	DW-3/4D52MM	52	95	2495
SS-3/4D54MM	54	67	1925	DW-3/4D54MM	54	95	2495
SS-3/4D55MM	55	67	1925	DW-3/4D55MM	55	95	2495
SS-3/4D56MM	56	67	1925	DW-3/4D56MM	56	95	2495
SS-3/4D57MM	57	67	1925	DW-3/4D57MM	57	95	2495
SS-3/4D58MM	58	73	1950	DW-3/4D58MM	58	95	3265
SS-3/4D60MM	60	73	1950	DW-3/4D60MM	60	95	3265
No.	s inch	I inch	lbs.	No.	s inch	I inch	lbs.
SS-3/4D3/4	3/4	1-11/16	.40	DW-3/4D3/4	3/4	3-1/4	1.00
SS-3/4D13/16	13/16	1-11/16	.40	DW-3/4D13/16	13/16	3-1/4	1.00
SS-3/4D7/8	7/8	1-3/4	.40	DW-3/4D7/8	7/8	3-1/4	1.00

## Sockets, 6-Point – Cont.

No.	s inch	I inch	lbs. in	No.	s inch	I inch	lbs. in
SS-3/4D15/16	15/16	1-13/16	.40	DW-3/4D15/16	15/16	3-1/4	1.00
SS-3/4D1	1	1-13/16	.50	DW-3/4D1	1	3-3/8	1.00
SS-3/4D1-1/16	1-1/16	1-15/16	.75	DW-3/4D1-1/16	1-1/16	3-3/8	1.40
SS-3/4D1-1/8	1-1/8	2	.75	DW-3/4D1-1/8	1-1/8	3-3/8	1.40
SS-3/4D1-3/16	1-3/16	2	.80	DW-3/4D1-3/16	1-3/16	3-3/8	1.40
SS-3/4D1-1/4	1-1/4	2	.80	DW-3/4D1-1/4	1-1/4	3-3/8	1.50
SS-3/4D1-5/16	1-5/16	2	1.20	DW-3/4D1-5/16	1-5/16	3-3/8	1.75
SS-3/4D1-3/8	1-3/8	2	1.20	DW-3/4D1-3/8	1-3/8	3-3/8	1.75
SS-3/4D1-7/16	1-7/16	2	1.50	DW-3/4D1-7/16	1-7/16	3-3/8	1.75
SS-3/4D1-1/2	1-1/2	2-1/16	1.50	DW-3/4D1-1/2	1-1/2	3-3/8	2.20
SS-3/4D1-9/16	1-9/16	2-1/4	1.65	DW-3/4D1-9/16	1-9/16	3-3/8	2.20
SS-3/4D1-5/8	1-5/8	2-1/4	1.65	DW-3/4D1-5/8	1-5/8	3-3/8	2.25
SS-3/4D1-11/16	1-11/16	2-1/4	2.10	DW-3/4D1-11/16	1-11/16	3-3/8	2.50
SS-3/4D1-3/4	1-3/4	2-9/16	2.10	DW-3/4D1-3/4	1-3/4	3-7/16	2.50
SS-3/4D1-13/16	1-13/16	2-9/16	2.10	DW-3/4D1-13/16	1-13/16	3-7/16	2.50
SS-3/4D1-7/8	1-7/8	2-9/16	2.50	DW-3/4D1-7/8	1-7/8	3-7/16	3.50
SS-3/4D1-15/16	1-15/16	2-9/16	2.50	DW-3/4D1-15/16	1-15/16	3-1/2	4.80
SS-3/4D2	2	2-9/16	2.55	DW-3/4D2	2	3-1/2	4.80
SS-3/4D2-1/16	2-1/16	2-13/16	3.50	DW-3/4D2-1/16	2-1/16	3-1/2	5.50
SS-3/4D2-1/8	2-1/8	2-13/16	3.50	DW-3/4D2-1/8	2-1/8	3-1/2	5.50
SS-3/4D2-3/16	2-3/16	3-1/16	4.05	DW-3/4D2-3/16	2-3/16	3-1/2	5.50
SS-3/4D2-1/4	2-1/4	3-1/16	5.60	DW-3/4D2-1/4	2-1/4	3-1/2	7.20
SS-3/4D2-5/16	2-5/16	3-1/16	5.60	DW-3/4D2-5/16	2-5/16	3-1/2	7.20
SS-3/4D2-3/8	2-3/8	3-1/16	5.60	DW-3/4D2-3/8	2-3/8	3-1/2	7.20

## 1" Drive (a) Standard / Standard / Estándar      1" Drive (a) Deep Well / Profondes / Cubo largo

No.	s mm	I mm	lbs. g	No.	s mm	I mm	lbs. g
SS-1D34MM	34	65	850	–	–	–	–
SS-1D36MM	36	65	850	–	–	–	–
SS-1D38MM	38	65	905	–	–	–	–
SS-1D40MM	40	65	905	–	–	–	–
SS-1D41MM	41	65	1045	DW-1D41MM	41	90	1225
SS-1D42MM	42	65	1045	DW-1D42MM	42	90	1225
SS-1D46MM	46	71	1745	DW-1D46MM	46	90	1360
SS-1D50MM	50	83	2020	DW-1D50MM	50	95	2270
SS-1D55MM	55	87	2380	DW-1D55MM	55	100	3175
SS-1D60MM	60	87	2700	DW-1D60MM	60	105	3265
SS-1D65MM	65	87	2800	DW-1D65MM	65	110	4035
SS-1D70MM	70	100	3445	DW-1D70MM	70	120	4535
SS-1D75MM	75	110	4740	DW-1D75MM	75	120	5350
SS-1D80MM	80	110	5440	DW-1D80MM	80	130	6010
SS-1D85MM	85	120	5440	DW-1D85MM	85	140	7260
SS-1D90MM	90	120	5895	DW-1D90MM	90	140	7485
SS-1D95MM	95	120	5895	DW-1D95MM	95	140	7485
SS-1D100MM	100	130	6800	DW-1D100MM	100	150	9525

No.	s inch	I inch	lbs. in	No.	s inch	I inch	lbs. in
SS-1D1-1/16	1-1/16	2-1/2	1.50	–	–	–	–
SS-1D1-1/8	1-1/8	2-1/2	1.50	–	–	–	–
SS-1D1-3/16	1-3/16	2-1/2	1.50	–	–	–	–
SS-1D1-1/4	1-1/4	2-1/2	1.50	–	–	–	–
SS-1D1-5/16	1-5/16	2-1/2	1.50	--	–	–	–
SS-1D1-3/8	1-3/8	2-3/4	2.25	–	–	–	–
SS-1D1-7/16	1-7/16	2-3/4	2.25	–	–	–	–
SS-1D1-1/2	1-1/2	2-3/4	2.50	–	–	–	–
SS-1D1-9/16	1-9/16	2-3/4	2.50	–	–	–	–
SS-1D1-5/8	1-5/8	2-7/8	2.75	DW-1D1-5/8	1-5/8	3-7/16	2.70
SS-1D1-11/16	1-11/16	2-7/8	3.00	DW-1D1-11/16	1-11/16	3-7/16	3.00
SS-1D1-3/4	1-3/4	2-7/8	3.00	DW-1D1-3/4	1-3/4	3-7/16	3.00
SS-1D1-13/16	1-13/16	2-7/8	3.00	DW-1D1-13/16	1-13/16	3-7/16	4.20
SS-1D1-7/8	1-7/8	2-7/8	3.00	DW-1D1-7/8	1-7/8	3-7/16	4.20
SS-1D1-15/16	1-15/16	2-7/8	3.00	DW-1D1-15/16	1-15/16	3-5/8	4.80
SS-1D2	2	3-3/16	4.25	DW-1D2	2	3-11/16	5.00
SS-1D2-1/16	2-1/16	3-3/16	4.25	DW-1D2-1/16	2-1/16	3-11/16	5.00
SS-1D2-1/8	2-1/8	3-7/16	4.25	DW-1D2-1/8	2-1/8	3-15/16	6.20
SS-1D2-3/16	2-3/16	3-7/16	5.25	DW-1D2-3/16	2-3/16	3-15/16	6.75
SS-1D2-1/4	2-1/4	3-7/16	5.25	DW-1D2-1/4	2-1/4	3-15/16	6.75
SS-1D2-5/16	2-5/16	3-7/16	5.25	DW-1D2-5/16	2-5/16	4	7.00
SS-1D2-3/8	2-3/8	3-7/16	5.25	DW-1D2-3/8	2-3/8	4-1/16	7.20
SS-1D2-7/16	2-7/16	3-7/16	5.25	DW-1D2-7/16	2-7/16	4-5/16	7.20
SS-1D2-1/2	2-1/2	3-7/16	5.25	DW-1D2-1/2	2-1/2	4-5/16	7.20
SS-1D2-9/16	2-9/16	3-7/16	5.25	DW-1D2-9/16	2-9/16	4-5/16	8.90
SS-1D2-5/8	2-5/8	3-9/16	7.35	DW-1D2-5/8	2-5/8	4-5/8	10.00
SS-1D2-3/4	2-3/4	3-15/16	7.60	DW-1D2-3/4	2-3/4	4-5/8	10.00
SS-1D2-13/16	2-13/16	3-15/16	7.60	DW-1D2-13/16	2-13/16	4-13/16	11.80
SS-1D2-15/16	2-15/16	3-15/16	10.50	DW-1D2-15/16	2-15/16	4-13/16	11.80
SS-1D3	3	4-3/8	10.50	DW-1D3	3	5-1/16	13.25
SS-1D3-1/8	3-1/8	4-3/8	12.00	DW-1D3-1/8	3-1/8	5-1/16	13.25
SS-1D3-1/4	3-1/4	4-3/8	12.00	DW-1D3-1/4	3-1/4	5-1/4	15.00
SS-1D3-3/8	3-3/8	4-11/16	12.50	DW-1D3-3/8	3-3/8	5-7/16	16.00
SS-1D3-1/2	3-1/2	4-11/16	13.00	DW-1D3-1/2	3-1/2	5-7/16	16.50
SS-1D3-3/4	3-3/4	4-11/16	13.50	DW-1D3-3/4	3-3/4	5-7/16	18.50
SS-1D3-7/8	3-7/8	5-3/16	14.25	DW-1D3-7/8	3-7/8	5-7/16	18.50
SS-1D4	4	5-3/16	15.00	DW-1D4	4	6	21.00
SS-1D4-1/8	4-1/8	5-3/16	15.00	DW-1D4-1/8	4-1/8	6	21.00

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## Sockets, 6-Point, Impact

Douille, 6 Pans  
Cubo, 6-Puntos



1/2" Drive (a) Standard / Standard à choc / Impacto estándar				1/2" Drive (a) Deep Well / Profondes / Cubo largo			
No.	s mm	I mm	lbs. g	No.	s mm	I mm	lbs. g
I-1/2D8MM	8	30	70	DWI-1/2D8MM	8	75	225
I-1/2D9MM	9	30	70	DWI-1/2D9MM	9	75	225
I-1/2D10MM	10	30	70	DWI-1/2D10MM	10	75	225
I-1/2D11MM	11	30	70	DWI-1/2D11MM	11	75	225
I-1/2D12MM	12	30	70	DWI-1/2D12MM	12	75	225
I-1/2D13MM	13	30	70	DWI-1/2D13MM	13	75	225
I-1/2D14MM	14	30	70	DWI-1/2D14MM	14	75	225
I-1/2D15MM	15	30	90	DWI-1/2D15MM	15	75	225
I-1/2D16MM	16	37	115	DWI-1/2D16MM	16	75	250
I-1/2D17MM	17	37	115	DWI-1/2D17MM	17	75	250
I-1/2D18MM	18	37	115	DWI-1/2D18MM	18	75	250
I-1/2D19MM	19	37	115	DWI-1/2D19MM	19	75	270
I-1/2D20MM	20	38	160	DWI-1/2D20MM	20	75	320
I-1/2D21MM	21	38	160	DWI-1/2D21MM	21	75	320
I-1/2D22MM	22	38	205	DWI-1/2D22MM	22	75	385
I-1/2D23MM	23	38	205	DWI-1/2D23MM	23	75	385
I-1/2D24MM	24	38	225	DWI-1/2D24MM	24	75	410
I-1/2D25MM	25	38	225	DWI-1/2D25MM	25	75	410
I-1/2D26MM	26	38	250	DWI-1/2D26MM	26	75	430
I-1/2D27MM	27	38	270	DWI-1/2D27MM	27	75	430
I-1/2D28MM	28	40	295	DWI-1/2D28MM	28	75	430
I-1/2D29MM	29	40	340	DWI-1/2D29M	29	75	465
I-1/2D30MM	30	40	340	DWI-1/2D30MM	30	75	465
I-1/2D31MM	31	40	340	DWI-1/2D31MM	31	75	465
I-1/2D32MM	32	40	340	DWI-1/2D32MM	32	75	465
No.	s inch	I inch	lbs. lbs.	No.	s inch	I inch	lbs. lbs.
I-1/2D3/8	3/8	1-3/16	.15	DWI-1/2D3/8	3/8	3-3/16	.50
I-1/2D7/16	7/16	1-3/16	.15	DWI-1/2D7/16	7/16	3-3/16	.50
I-1/2D1/2	1/2	1-3/16	.20	DWI-1/2D1/2	1/2	3-3/16	.50
I-1/2D9/16	9/16	1-3/16	.20	DWI-1/2D9/16	9/16	3-3/16	.50
I-1/2D5/8	5/8	1-7/16	.25	DWI-1/2D5/8	5/8	3-3/16	.55
I-1/2D11/16	11/16	1-7/16	.25	DWI-1/2D11/16	11/16	3-3/16	.55

No.	s inch	I inch	lbs. lbs.	No.	s inch	I inch	lbs. lbs.
I-1/2D3/4	3/4	1-7/16	.35	DWI-1/2D3/4	3/4	3 3/16	.60
I-1/2D13/16	13/16	1-7/16	.35	DWI-1/2D13/16	13/16	3-3/16	.70
I-1/2D7/8	7/8	1-1/2	.40	DWI-1/2D7/8	7/8	3 3/16	.85
I-1/2D15/16	15/16	1-1/2	.40	DWI-1/2D15/16	15/16	3-3/16	.85
I-1/2DI	1	1-1/2	.50	DWI-1/2DI	1	3-3/16	1.00
I-1/2D1-1/16	1-1/16	1-1/2	.60	DWI-1/2D1-1/16	1-1/16	3-3/16	1.20
I-1/2D1-1/8	1-1/8	1-5/8	.60	DWI-1/2D1-1/8	1-1/8	3-3/16	1.20
I-1/2D1-3/16	1-3/16	1-5/8	.75	DWI-1/2D1-3/16	1-3/16	3-3/16	1.50
I-1/2D1-1/4	1-1/4	1-5/8	.75	DWI-1/2D1-1/4	1-1/4	3-3/16	1.50
I-1/2D1-5/16	1-5/16	1-7/8	1.35	DWI-1/2D1-5/16	1-5/16	3-3/16	1.50
I-1/2D1-3/8	1-3/8	1-7/8	1.35	DWI-1/2D1-3/8	1-3/8	3-3/16	1.60
I-1/2D1-7/16	1-7/16	1-7/8	1.50	DWI-1/2D1-7/16	1 7/16	3-3/16	1.60
I-1/2D1-1/2	1-1/2	2-3/16	1.55	DWI-1/2D1-1/2	1-1/2	3-3/16	1.65
I-1/2D1-9/16	1-9/16	2-1/4	1.55	DWI-1/2D1-9/16	1-9/16	3-3/16	1.65
3/4" Drive (a) Standard / Standard à choc / Impacto estándar				3/4" Drive (a) Deep Well / Profondes / Cubo largo			
No.	s mm	I mm	lbs. g	No.	s mm	I mm	lbs. g
I-3/4D17MM	17	44	180	DWI-3/4D17MM	17	85	455
I-3/4D18MM	18	44	180	DWI-3/4D18MM	18	85	455
I-3/4D19MM	19	44	180	DWI-3/4D19MM	19	85	455
I-3/4D20MM	20	44	180	DWI-3/4D20MM	20	85	455
I-3/4D21MM	21	44	180	DWI-3/4D21MM	21	85	455
I-3/4D22MM	22	44	180	DWI-3/4D22MM	22	85	455
I-3/4D23MM	23	44	180	DWI-3/4D23MM	23	85	455
I-34D24MM	24	46	250	DWI-3/4D24MM	24	85	455
I-3/4D25MM	25	46	250	DWI-3/4D25MM	25	85	455
I-3/4D26MM	26	46	270	DWI-3/4D26MM	26	85	635
I-3/4D27MM	27	46	270	DWI-3/4D27MM	27	85	635
I-3/4D28MM	28	46	270	DWI-3/4D28MM	28	85	635
I-3/4D29MM	29	48	300	DWI-3/4D29MM	29	85	635
I-3/4D30MM	30	48	300	DWI-3/4D30MM	30	85	705
I-3/4D31MM	31	50	430	DWI-3/4D31MM	31	85	705
I-3/4D32MM	32	50	430	DWI-3/4D32MM	32	85	705
I-3/4D33MM	33	50	500	DWI-3/4D33MM	33	85	795
I-3/4D34MM	34	50	500	DWI-3/4D34MM	34	85	795
I-3/4D35MM	35	50	500	DWI-3/4D35MM	35	85	795
I-3/4D36MM	36	50	660	DWI-3/4D36MM	36	85	995
I-3/4D37MM	37	50	660	DWI-3/4D37MM	37	85	995
I-3/4D38MM	38	50	660	DWI-3/4D38MM	38	85	995
I-3/4D39MM	39	50	660	DWI-3/4D39MM	39	95	995
I-3/4D40MM	40	52	660	DWI-3/4D40MM	40	95	1020
I-3/4D41MM	41	52	660	DWI-3/4D41MM	41	95	1020
I-3/4D42MM	42	52	930	DWI-3/4D42MM	42	95	1135
I-3/4D43MM	43	52	930	DWI-3/4D43MM	43	95	1135
I-3/4D46MM	46	58	930	DWI-3/4D46MM	46	95	1135
No.	s inch	I inch	lbs. lbs.	No.	s inch	I inch	lbs. lbs.
I-3/4D9/16	9/16	1-1/2	.40	DWI-3/4D9/16	9/16	3-1/4	1.00
I-3/4D5/8	5/8	1-1/2	.40	DWI-3/4D5/8	5/8	3-1/4	1.00

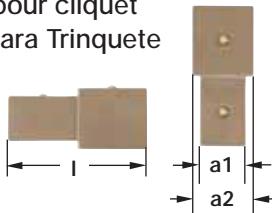
*Sockets, 6-Point, Impact – Cont.*

No.	s inch	I inch	$\Delta\Delta$ lbs.	No.	s inch	I inch	$\Delta\Delta$ lbs.
I-3/4D11/16	11/16	1-11/16	.40	DWI-3/4D11/16	11/16	3-1/4	1.00
I-3/4D3/4	3/4	1-11/16	.40	DWI-3/4D3/4	3/4	3-1/4	1.00
I-3/4D13/16	13/16	1-11/16	.40	DWI-3/4D13/16	13/16	3-1/4	1.00
I-3/4D7/8	7/8	1-3/4	.40	DWI-3/4D7/8	7/8	3-1/4	1.00
I-3/4D15/16	15/16	1-13/16	.50	DWI-3/4D15/16	15/16	3-1/4	1.00
I-3/4D1	1	1-13/16	.50	DWI-3/4D1	1	3-3/8	1.40
I-3/4D1-1/16	1-1/16	1-15/16	.75	DWI-3/4D1-1/16	1-1/16	3-3/8	1.40
I-3/4D1-1/8	1-1/8	2	.80	DWI-3/4D1-1/8	1-1/8	3-3/8	1.40
I-3/4D1-3/16	1-3/16	2	.80	DWI-3/4D1-3/16	1-3/16	3-3/8	1.40
I-3/4D1-1/4	1-1/4	2	.80	DWI-3/4D1-1/4	1-1/4	3-3/8	1.50
I-3/4D1-5/16	1-5/16	2-1/16	1.20	DWI-3/4D1-5/16	1-5/16	3-3/8	1.75
I-3/4D1-3/8	1-3/8	2-1/16	1.20	DWI-3/4D1-3/8	1-3/8	3-3/8	1.75
I-3/4D1-7/16	1-7/16	2-1/16	1.50	DWI-3/4D1-7/16	1-7/16	3-3/8	1.75
I-3/4D1-1/2	1-1/2	2-3/8	1.65	DWI-3/4D1-1/2	1-1/2	3-3/8	2.20
I-3/4D1-9/16	1-9/16	2-3/8	1.65	DWI-3/4D1-9/16	1-9/16	3-3/8	2.20
I-3/4D1-5/8	1-5/8	2-3/8	1.65	DWI-3/4D1-5/8	1-5/8	3-3/8	2.25
I-3/4D1-11/16	1-11/16	2-7/16	2.10	DWI-3/4D1-11/16	1-11/16	3-3/8	2.50
I-3/4D1-3/4	1-3/4	2-7/16	2.10	DWI-3/4D1-3/4	1-3/4	3-7/16	2.50
I-3/4D1-13/16	1-13/16	2-7/16	2.10	DWI-3/4D1-13/16	1-13/16	3-7/16	2.50
I-3/4D1-7/8	1-7/8	2-7/16	2.50	DWI-3/4D1-7/8	1-7/8	3-7/16	3.50
I-3/4D1-15/16	1-15/16	2-7/16	2.50	DWI-3/4D1-15/16	1-15/16	3-1/2	4.80
I-3/4D2	2	2-7/16	2.55	DWI-3/4D2	2	3-11/16	4.80
I-3/4D2-1/16	2-1/16	2-13/16	3.50	DWI-3/4D2-1/16	2-1/16	3-11/16	5.50
I-3/4D2-1/8	2-1/8	2-13/16	3.50	DWI-3/4D2-1/8	2-1/8	3-11/16	5.50
I-3/4D2-3/16	2-3/16	3-1/16	4.05	DWI-3/4D2-3/16	2-3/16	3-15/16	5.50
I-3/4D2-1/4	2-1/4	3-1/16	5.60	DWI-3/4D2-1/4	2-1/4	3-15/16	7.20
I-3/4D2-5/16	2-5/16	3-1/16	5.60	DWI-3/4D2-5/16	2-5/16	3-15/16	7.20
I-3/4D2-3/8	2-3/8	3-1/16	5.60	DWI-3/4D2-3/8	2-3/8	4-1/16	7.20

12-Pt. & Additional Sizes Available Upon Request  
 Douilles à 12 pans et autres tailles disponibles sur demande  
 Modelos de 12 puntos y tamaños adicionales disponibles a petición

**Adapter for Ratchet**

Adaptateur pour cliquet  
 Adaptador para Trinquete

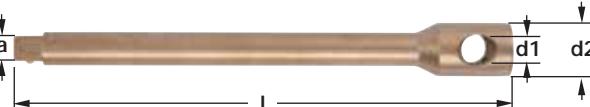


No.	a1 inch	a2 inch	I mm	$\Delta\Delta$ g	I inch	$\Delta\Delta$ lbs.
W-143-RA	1/4	1/2	24	10	15/16	.02
W-142-RA	3/8	1/2	32	45	1-1/4	.10
W-141-RA	1/2	3/4	42	73	1-1/2	.16
W-140-RA	3/4	1	57	135	2-1/4	.30

8 Made in USA with United Kingdom Component

**Bar, Extension**

Barre de rallonge  
 Barra de Extensión



No.	a	d1 mm	d2 mm	I mm	$\Delta\Delta$ g	d1 inch	d2 inch	I inch	$\Delta\Delta$ lbs.
WE-1/4X2	1/4	-	13	50	35	-	1/2	2	.08
WE-1/4X4	1/4	-	13	100	55	-	1/2	4	.12
WE-1/4X6	1/4	-	13	150	100	-	1/2	6	.22
WE-3/8X2	3/8	-	19	50	75	-	3/4	2	.17
WE-3/8X4	3/8	-	19	100	120	-	3/4	4	.26
WE-3/8X6	3/8	-	19	150	160	-	3/4	6	.35
WE-1/2X3	1/2	16	22	75	130	5/8	1-1/16	3	.29
WE-1/2X5	1/2	16	22	125	225	5/8	1-1/16	5	.50
WE-1/2X10	1/2	16	22	250	435	5/8	1-1/16	10	.96
WE-3/4X4	3/4	22	41	100	155	7/8	1-5/8	4	.34
WE-3/4X8	3/4	22	41	200	480	7/8	1-5/8	8	1.06
WE-3/4X16	3/4	22	41	400	1250	7/8	1-5/8	16	2.76
WE-1X8	1	22	50	200	1050	7/8	2	8	2.32
WE-1X16	1	22	50	400	2000	7/8	2	16	4.40

**Bar, Sliding for Extension<sup>8</sup>**

Broche, pour clé à douille

Barra Deslizante para Llave para Cubos

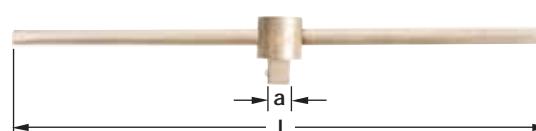


No.	d mm	I mm	$\Delta\Delta$ g	d inch	I inch	$\Delta\Delta$ lbs.
W-281	14	280	320	9/16	11	.70
W-281L	14	400	500	9/16	16	1.11
W-256	21	460	1150	13/16	18	2.54
W-256L	21	630	1590	13/16	25	3.51

**Bar, Sliding-T**

Broche, pour clé à douille

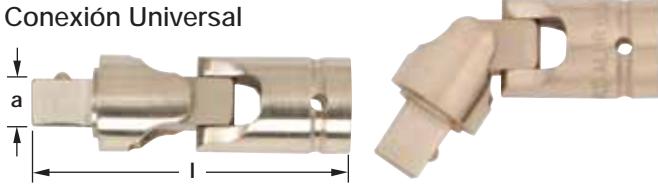
Barra Deslizante para Llave para Cubos



No.	a inch	I mm	$\Delta\Delta$ g	I inch	$\Delta\Delta$ lbs.
T-1/4	1/4	115	90	4-1/2	.20
T-3/8	3/8	200	160	8	.35
T-1/2	1/2	300	430	12	.95
T-3/4	3/4	460	1450	18	3.20
T-1	1	560	2495	22	5.50

## Universal Joint

Joint Universel  
Conexión Universal



No.	a	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{lbs.}$
UJ-1/4	1/4	30	20	1-1/4	.04
UJ-3/8	3/8	50	60	2	.13
UJ-1/2	1/2	70	135	2-3/4	.30
UJ-3/4	3/4	100	475	4	1.05
UJ-1	1	150	1350	6	2.98

## Wrench Handle, Hinged

Poignée articulée  
Llave con Mango Abisagrado



No.	a	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{lbs.}$
W-295	1/4	150	115	5-3/4	.25
W-293	3/8	215	320	8-1/2	.70
W-283	1/2	300	930	12	2.06
W-257	3/4	460	1245	18	2.74
W-254	1	560	1590	22	3.50

## Wrench, Ratchet

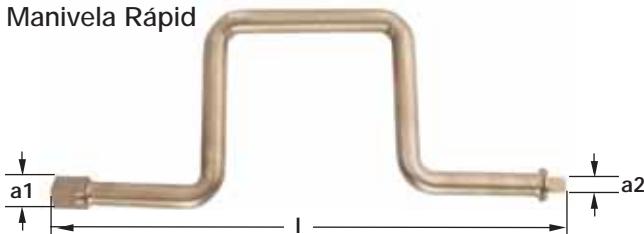
Clé à cliquet  
Llave Trinquete



No.	a	l mm	$\frac{lb}{g}$	l inch	$\frac{lb}{lbs.}$
W-143R	1/4	130	85	5	.19
W-142R	3/8	185	340	7-1/4	.75
W-141R	1/2	250	560	10	1.24
W-140R	3/4	455	1795	18	3.96
W-139R	1	660	2890	26	6.37

## Wrench, Speed Handle

Clé, Vilebrequin  
Manivela Rápida



No.	a1 mm	a2 mm	l mm	$\frac{lb}{g}$	a1 inch	a2 inch	l inch	$\frac{lb}{lbs.}$
W-286	19	13	410	1350	3/4	1/2	16	2.94

## Wrench, Socket, L-type, 6-Point

Clé à pipe, 6 Pans  
Llave para Cubos, Tipo-L, 6-Puntos



Millimeter (mm)				American Inch (")					
No.	s mm	a mm	l mm	$\frac{lb}{g}$	No.	s inch	a inch	l inch	$\frac{lb}{lbs.}$
SL-8	8	33	175	100	SL-5/16	5/16	1-1/16	6-3/4	.22
SL-9	9	35	185	120	SL-11/32	11/32	1-1/4	7-1/4	.26
SL-10	10	37	195	140	SL-3/8	3/8	1-1/2	7-1/2	.31
SL-11	11	39	205	180	SL-13/32	13/32	1-1/2	8	.40
SL-12	12	42	220	220	SL-7/16	7/16	1-5/8	8-1/2	.49
SL-13	13	45	240	280	SL-1/2	1/2	1-3/4	9-1/2	.62
SL-14	14	45	240	280	SL-9/16	9/16	1-3/4	9-1/2	.62
SL-15	15	48	250	300	SL-19/32	19/32	1-7/8	9-3/4	.66
SL-16	16	48	250	300	SL-5/8	5/8	1-7/8	9-3/4	.66
SL-17	17	51	270	320	SL-11/16	11/16	2	10-1/2	.71
SL-18	18	51	270	320	SL-3/4	3/4	2-11/64	11-1/2	1.17
SL-19	19	55	290	530	SL-25/32	25/32	2-11/64	11-1/2	1.17
SL-20	20	55	290	530	SL-13/16	13/16	2-5/16	12-1/4	1.50
SL-21	21	59	310	680	SL-7/8	7/8	2-5/16	12-1/4	1.50
SL-22	22	59	310	680	SL-15/16	15/16	2-15/32	13-1/4	1.83
SL-23	23	63	335	830	SL-31/32	31/32	2-23/32	14-1/4	2.21
SL-24	24	63	335	830	SL-1	1	2-23/32	14-1/4	2.21
SL-25	25	69	365	1000	SL-1-1/16	1-1/16	2-23/32	14-1/4	2.21
SL-26	26	69	365	1000	SL-1-1/8	1-1/8	2-61/64	15-1/2	2.87
SL-27	27	69	365	1000	SL-1-3/16	1-3/16	2-61/64	15-1/2	2.87
SL-28	28	75	395	1300	SL-1-1/4	1-1/4	3-3/16	16-3/4	3.75
SL-29	29	75	395	1300	SL-1-5/16	1-5/16	3-3/16	16-3/4	3.75

## Wrench, Socket, L-type, 6-Point – Cont.

Millimeter (mm)				American Inch ("")					
No.	s mm	a mm	I mm	No.	s inch	a inch	I inch		
SL-30	30	75	395	1300	SL-1-3/8	1-3/8	3-1/2	18-1/4	6.17
SL-32	32	80	425	1700	SL-1-7/16	1-7/16	3-1/2	18-1/4	6.17
SL-33	33	80	425	1700	SL-1-1/2	1-1/2	3-1/2	18-1/4	6.17
SL-34	34	80	425	1700	SL-1-9/16	1-9/16	3-25/32	20	7.94
SL-35	35	90	465	2800	SL-1-5/8	1-5/8	3-25/32	20	7.94
SL-36	36	90	465	2800	SL-1-11/16	1-11/16	3-25/32	20	7.94
SL-37	37	90	465	2800	SL-1-3/4	1-3/4	4-1/8	21-3/4	8.82
SL-38	38	90	465	2800	SL-1-13/16	1-13/16	4-1/8	21-3/4	8.82
SL-41	41	95	510	3600	SL-1-7/8	1-7/8	4-1/8	21-3/4	8.82
SL-42	42	95	510	3600	SL-2	2	4-1/2	23-3/4	10.58
SL-46	46	105	555	4000	SL-2-1/16	2-1/16	4-1/2	23-3/4	10.58
SL-47	47	105	555	4000	SL-2-1/8	2-1/8	4-23/32	26	14.11
SL-50	50	115	605	4800	SL-2-3/16	2-3/16	4-23/32	26	14.11
SL-52	52	115	605	4800	SL-2-1/4	2-1/4	4-7/16	28-3/4	18.08
SL-54	54	120	660	6400	SL-2-5/16	2-5/16	4-7/16	28-3/4	18.08
SL-55	55	120	660	6400	SL-2-3/8	2-3/8	4-7/16	28-3/4	18.08
SL-56	56	120	660	6400	SL-2-7/16	2-7/16	4-7/16	28-3/4	18.08
SL-58	58	140	730	8200	SL-2-1/2	2-1/2	5-29/32	31-1/2	22.93
SL-60	60	140	730	8200	SL-2-9/16	2-9/16	5-29/32	31-1/2	22.93
SL-63	63	140	730	8200	SL-2-5/8	2-5/8	5-29/32	31-1/2	22.93
SL-65	65	150	800	10400	SL-2-3/4	2-3/4	5-29/32	31-1/2	22.93
SL-67	67	150	800	10400	SL-2-13/16	2-13/16	6-17/32	34-1/2	31.09
SL-70	70	150	800	10400	SL-2-15/16	2-15/16	6-17/32	34-1/2	31.09
SL-71	71	150	800	10400	SL-3	3	6-17/32	34-1/2	31.09
SL-75	75	166	880	14100	SL-3-1/8	3-1/8	6-17/32	34-1/2	31.09
SL-77	77	166	880	14100	SL-3-1/4	3-1/4	6-17/32	34-1/2	31.09
SL-80	80	166	880	14100					
SL-82	82	166	880	14100					

## Wrenches

## Wrench, Adjustable End

Clé à molette

Llave de Cabeza Ajustable



No.	s max mm	I mm	$\Delta g$ g	s max inch	I inch	$\Delta g$ lbs.
W-70	24	150	100	15/16	6	.22
W-71	29	200	200	1-1/8	8	.44
W-72	33	255	313	1-5/16	10	.69
W-73	38	305	567	1-1/2	12	1.25
W-74	43	380	1275	1-11/16	15	2.81

Wrench, Box End, 12-Point<sup>6</sup> (DIN 3111)

Clé fermée, 12 pans

Llave de Cajón Sencilla, 12-Puntos



Millimeter (mm)				American Inch ("")			
No.	s mm	I mm	$\Delta g$ g	No.	s inch	I inch	$\Delta g$ lbs.
4400	14	155	90	4600	1/2	6	.20
4402	15	155	90	4602	9/16	6	.20
4404	16	155	90	4604	19/32	6	.20
4406	17	155	90	4606	5/8	6	.20
4408	18	190	160	4608	11/16	6	.20
4410	19	190	160	4610	3/4	7-1/2	.35
4412	20	190	160	4612	25/32	7-1/2	.35
4414	21	190	160	4614	13/16	7-1/2	.35
4416	22	190	160	4616	7/8	7-1/2	.35
4418	23	190	160	4618	15/16	9	.62
4420	24	230	280	4620	31/32	9	.62
4422	25	230	280	4622	1	9	.62
4424	26	230	280	4624	1-1/16	9	.62
4426	27	230	280	4626	1-1/8	10-1/2	.88
4428	28	230	280	4628	1-3/16	10 1/2	.88
4430	29	230	280	4630	1-1/4	10-1/2	.88
4432	30	265	400	4632	1-5/16	13	1.65
4434	32	265	400	4634	1-3/8	13	1.65
4436	33	265	400	4636	1-7/16	13	1.65
4438	34	330	750	4638	1-1/2	13	1.65
4440	35	330	750	4640	1-9/16	13	1.65
4442	36	330	750	4642	1-5/8	13	1.65
4444	37	330	750	4644	1-11/16	13	1.65
4446	38	330	750	4646	1-3/4	15-3/4	3.09
4448	41	330	750	4648	1-13/16	15-3/4	3.09
4450	42	330	750	4650	1-7/8	15-3/4	3.09
4452	46	400	1400	4652	2	15-3/4	3.09
4454	47	400	1400	4654	2-1/16	15-3/4	3.09
4456	50	400	1400	4656	2-1/8	18-3/4	4.19
4458	52	400	1400	4658	2-3/16	18-3/4	4.19
4460	54	400	1400	4660	2-1/4	18-3/4	4.19
4462	55	475	1900	4662	2-5/16	18-3/4	4.19
4464	56	475	1900	4664	2-3/8	18-3/4	4.19
4466	58	475	1900	4666	2-7/16	18-3/4	4.19
4468	60	475	1900	4668	2-1/2	21-3/4	6.39
4470	63	475	1900	4670	2-9/16	21-3/4	6.39
4472	65	555	2900	4672	2-3/4	21-3/4	6.39



No.	s mm	I mm	g	No.	s inch	I inch	lbs.
4474	67	555	2900	4674	2-15/16	24-1/2	10.36
4476	70	555	2900	4676	3	24-1/2	10.36
4478	71	555	2900	4678	3-1/8	24-1/2	10.36
4480	75	620	4700				
4482	77	620	4700				
4484	80	620	4700				
4486	82	620	4700				

### Wrench, Box End, Double, Offset Type, 12-Point<sup>6</sup>

Clé polygonale double, contre-coudée, 12 pans  
Llave de Cajón Doble, Tipo Acodado, 12-Puntos



Millimeter (mm)				American Inch (")			
No.	s1xs2 mm	I mm	g	No.	s1xs2 inch	I inch	lbs.
1000	6 x 7	155	40	W-3109	5/16 x 3/8	7-3/4	.12
1002	7 x 9	155	40	W-3110	3/8 x 7/16	7-3/4	.22
1004	8 x 9	155	40	W-3120	7/16 x 1/2	7-3/4	.22
1006	8 x 10	180	105	W-3130	1/2 x 9/16	9-1/2	.26
1008	9 x 11	180	105	W-3140	1/2 x 19/32	9-1/2	.44
1010	10 x 11	180	105	W-3150	9/16 x 5/8	9-1/2	.40
1012	10 x 12	180	105	W-3160	5/8 x 3/4	10-3/4	.46
1014	11 x 12	180	105	W-3170	11/16 x 25/32	10-3/4	.66
1016	12 x 13	180	105	W-3180	3/4 x 7/8	12-1/4	.74
1018	10 x 14	200	130	W-3190	13/16 x 7/8	12-1/4	.72
1020	11 x 14	200	130	W-3210	7/8 x 1	14-3/4	1.20
1022	12 x 14	200	130	W-3220	7/8 x 1-1/16	15-1/8	1.48
1024	13 x 15	230	200	W-3221	15/16 x 1	14-3/4	1.24
1026	14 x 15	230	200	W-3230	15/16 x 1-1/16	15-1/8	1.42
1028	14 x 17	230	200	W-3240	1 x 1-1/8	15-1/8	1.36
1030	16 x 17	280	300	W-3241	1-1/16 x 1-1/8	15-1/8	1.32
1032	16 x 18	280	300	W-3250	1-1/16 x 1-1/4	19-1/4	2.42
1034	17 x 19	280	300	W-3260	1-1/8 x 1-5/16	19-1/4	2.34
1036	18 x 19	280	300	W-3261	1-1/4 x 1-5/16	19-1/4	2.28
1038	17 x 22	330	420	W-3270	1-1/4 x 1-7/16	19-1/4	2.26
1040	19 x 22	330	420	W-3271	1-7/16 x 1-5/8	19-1/4	2.66
1042	19 x 24	330	420				
1044	20 x 22	330	420				
1046	21 x 23	330	420				
1048	22 x 24	360	560				
1050	24 x 26	360	560				
1052	22 x 27	410	820				
1054	24 x 27	410	820				
1056	25 x 28	410	820				
1058	24 x 30	410	820				
1060	27 x 30	410	820				

No.	s1xs2 mm	I mm	g	No.	s1xs2 inch	I inch	lbs.
1062	27 x 32	410	820				
1064	30 x 32	480	1350				
1066	30 x 36	480	1350				
1068	32 x 36	480	1350				
1070	36 x 41	510	1750				
1072	41 x 46	580	2550				
1074	46 x 50	630	3300				
1076	50 x 55	690	4250				
1078	50 x 60	740	4250				
1080	55 x 60	740	5300				
1082	65 x 70	800	9400				
1084	70 x 75	800	9400				

### Wrench, Box End, Double, Straight Type, 12-Point<sup>6</sup>

Clé polygonale double droite, 12 pans  
Llave de Cajón Doble, Tipo Recto, 12-Puntos



Millimeter (mm)				American Inch (")			
No.	s1xs2 mm	I mm	g	No.	s1xs2 inch	I inch	lbs.
0800	6 x 7	100	15	0860	1/4 x 5/16	4	.02
0802	8 x 10	130	45	0862	5/16 x 3/8	5	.10
0804	9 x 11	130	45	0864	3/8 x 7/16	5	.10
0806	12 x 14	155	60	0866	7/16 x 9/16	6	.13
0808	13 x 15	170	90	0868	1/2 x 5/8	6-1/2	.20
0810	14 x 17	170	90	0870	1/2 x 19/32	6-1/2	.20
0812	16 x 18	190	125	0872	9/16 x 11/16	6-1/2	.20
0814	17 x 19	190	125	0874	5/8 x 25/32	7-1/2	.28
0816	19 x 22	235	215	0876	11/16 x 3/4	7-1/2	.28
0818	21 x 23	235	215	0878	3/4 x 7/8	9-1/4	.47
0820	24 x 27	270	280	0880	13/16 x 15/16	9-1/4	.47
0822	26 x 28	295	370	0882	15/16 x 1-1/16	10-1/2	.62
0824	30 x 32	330	450	0884	1 x 1-1/8	11-1/2	.82
0826	30 x 36	360	715	0886	1-3/16 x 1-1/4	13	.99
0828	32 x 36	360	715				
0830	36 x 41	400	800				

The Original Manufacturer of  
Non-Sparking, Non-Magnetic  
Hand Tools.



## Wrench, Chain Pipe

Serre-tube à chaîne

Llave Encadenadora de Tubos



No.	d max. mm	I mm	$\Delta g$ g	d max. inch	I inch	$\Delta g$ lbs.
W-60	38	510	2650	1-1/2	20	5.72
W-61	65	685	4500	2-1/2	27	9.44
W-62	305	1830	30730	12	72	67.74
W-63	100	915	12710	4	36	28.02

## Wrench, Combination

Clé mixte

Llave Combinada



Millimeter (mm)				American Inch (")			
No.	s mm	I mm	$\Delta g$ g	No.	s inch	I inch	$\Delta g$ lbs.
1298	6	115	23	W-600	5/16	4-1/2	.05
1299	7	115	23	W-601	3/8	6-5/16	.16
1300	8	115	23	W-601A	13/32	6-5/16	.16
1302	9	115	23	W-611	7/16	7-1/4	.16
1304	10	160	50	W-621	1/2	7-1/4	.14
1306	11	175	75	W-631	9/16	8-1/4	.26
1308	12	190	95	W-632	19/32	8-1/16	.25
1310	13	205	115	W-641	5/8	8-7/8	.33
1312	14	205	115	W-651	11/16	10-1/8	.46
1314	15	225	145	W-661	3/4	10-1/8	.46
1316	16	225	145	W-662	25/32	10-5/8	.46
1318	17	245	170	W-670	13/16	11-5/8	.63
1320	18	245	170	W-671	7/8	13-1/4	.94
1322	19	270	260	W-671b	15/16	13-1/4	.90
1324	20	270	260	W-670a	31/32	12-13/16	.90
1326	21	295	300	W-671a	1	13-1/4	.90
1328	22	295	300	W-672	1-1/16	17	1.22
1330	23	325	400	W-673	1-1/8	17	1.26
1332	24	325	400	W-673a	1-3/16	15-3/8	1.40
1334	25	355	550	W-674	1-1/4	19-1/2	2.08

No.	s mm	I mm	$\Delta g$ g	No.	s inch	I inch	$\Delta g$ lbs.
1336	26	355	550	W-675	1-5/16	16-15/16	2.46
1338	27	355	550	W-676	1-3/8	21-1/4	2.84
1340	28	390	690	W-677	1-7/16	21-1/4	2.78
1341	29	390	690	W-678	1-1/2	22	3.38
1342	30	390	690	W-678a	1-9/16	18-11/16	2.17
1344	32	430	1000	W-679	1-5/8	22	3.30
1346	34	430	1000	1504	1-11/16	22-3/4	8.20
1348	36	475	1100	1505	1-13/16	22-3/4	7.95
1350	38	475	1100	1506	1-3/4	22-3/4	7.95
1352	41	525	1450	1507	1-7/8	22-3/4	7.95
1354	46	575	3720	1507A	1-15/16	22-3/4	7.95
1356	50	575	3605	1508	2	22-3/4	7.95
1358	55	575	3515	1509	2-1/8	22-3/4	7.75
1360	60	575	3310	1510	2-3/16	22-3/4	7.75
1362	65	575	4580	1511	2-1/4	22-3/4	7.75
1364	70	575	4580	1512	2-3/8	22-3/4	7.20
				1513	2-1/2	22-3/4	7.00
				1514	2-9/16	22-3/4	10.08
				1516	2-3/4	22-3/4	10.08
				1518	2-5/8	22-3/4	10.08

## Wrench, Construction, Offset Type with Pin

Clé à broche, coudée tête droite

Llave de Construcción, Tipo Acodada con Perno



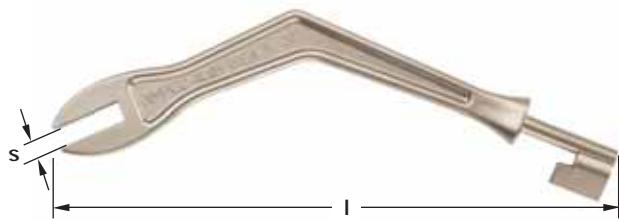
Millimeter (mm)				American Inch (")			
No.	s mm	I mm	$\Delta g$ g	No.	s inch	I inch	$\Delta g$ lbs.
W-2217	17	320	295	W-219	11/16	11-1/2	.50
W-2218	18	320	295	W-220	7/8	14	1.28
W-2219	19	350	510	W-221	1-1/16	15	1.68
W-2220	20	350	510	W-222	1-1/4	15	1.68
W-2221	21	350	510	W-223	1-7/16	18	4.38
W-2222	22	350	510	W-224	1-5/8	20	5.84
W-2223	23	370	715	W-225	1-13/16	21-1/2	6.94
W-2224	24	370	715	W-226	2	21-1/2	6.58
W-2225	25	370	715				
W-2226	26	370	715				
W-2227	27	370	715				
W-2228	28	400	1145				
W-2229	29	400	1145				



No.	s mm	I mm	$\frac{lbs}{g}$	No.	s inch	I inch	$\frac{lbs}{g}$
W-2230	30	400	1145				
W-2232	32	400	1145				
W-2233	33	400	1145				
W-2234	34	400	1145				
W-2235	35	430	1540				
W-2236	36	430	1540				
W-2237	37	430	1540				
W-2238	38	430	1540				
W-2241	41	470	2090				
W-2242	42	470	2090				
W-2246	46	500	2970				
W-2247	47	500	2970				
W-2250	50	530	3900				

## Wrench, Gas & Water Shut-off

Clé pour eau / gas  
Llave para agua / gas



Millimeter (mm)				American (inch)		
No.	s mm	I mm	$\frac{lbs}{g}$	s inch	I inch	$\frac{lbs}{g}$
W-20	13	290	400	1/2	11-1/2	.88

## Wrench, Monkey (Railroad)

Clé anglaise (chemin de fer)  
Llave Inglesa (Ferrocarril)



No.	s max. mm	I mm	$\frac{lbs}{g}$	s max. inch	I inch	$\frac{lbs}{g}$
W-1145	38	200	670	1-1/2	8	1.48
W-1146	48	255	980	1-7/8	10	2.16
W-1147	58	305	1605	2-1/4	12	3.54
W-1148	70	380	2370	2-13/16	15	5.22
W-1149	80	460	3855	3	18	8.50
W-1150	105	540	5090	4-1/8	21	11.22

## Wrench, Open End<sup>6</sup>

Clé à fourche simple  
Llave de Boca Sencilla



Millimeter (mm)				American Inch ("')			
No.	s mm	I mm	$\frac{lbs}{g}$	No.	s inch	I inch	$\frac{lbs}{g}$
0102	8	115	35	0250	5/16	4-1/2	.08
0104	9	115	35	0252	11/32	4-1/2	.08
0106	10	115	35	0254	3/8	4-1/2	.08
0108	11	145	70	0256	13/32	4-1/2	.08
0110	12	145	70	0258	7/16	5-3/4	.12
0112	13	145	70	0260	1/2	5-3/4	.12
0114	14	145	70	0262	9/16	5-3/4	.12
0116	15	185	155	0264	19/32	7-1/4	.34
0118	16	185	155	0266	5/8	7-1/4	.34
0120	17	185	155	0268	11/16	7-1/4	.34
0122	18	185	155	0270	3/4	7-1/4	.34
0124	19	185	155	0272	25/32	7-1/4	.34
0126	20	185	155	0274	13/16	9-1/2	.77
0128	21	240	350	0276	7/8	9-1/2	.77
0130	22	240	350	0278	15/16	9-1/2	.77
0132	23	240	350	0280	31/32	9-1/2	.77
0134	24	240	350	0282	1	9-1/2	.77
0136	25	240	350	0284	1-1/16	9-1/2	.77
0138	26	240	350	0286	1-1/8	10-1/4	.93
0140	27	240	350	0288	1-3/16	10-1/4	.93
0142	28	260	420	0290	1-1/4	11-1/4	1.21
0144	29	260	420	0292	1-5/16	11-1/4	1.21
0146	30	260	420	0294	1-3/8	12-1/4	1.57
0148	32	285	550	0296	1-7/16	12-1/4	1.57
0150	33	285	550	0298	1-1/2	12-1/4	1.57
0152	34	285	550	0300	1-9/16	13-1/4	2.16
0154	35	310	710	0302	1-5/8	13-1/4	2.16
0156	36	310	710	0304	1-11/16	14-3/4	2.56
0158	37	310	710	0306	1-3/4	14-3/4	2.56
0160	38	310	710	0308	1-13/16	14-3/4	2.56
0162	41	340	980	0310	1-7/8	16-1/4	3.66
0164	42	340	980	0312	2	16-1/4	3.66
0166	46	375	1160	0314	2-1/16	18	4.65
0168	47	375	1160	0316	2-1/8	18	4.65
0170	50	415	1660	0318	2-3/16	18	4.65



## Wrench, Open End – Cont.

No.	s mm	I mm	$\frac{lbs}{g}$	No.	s inch	I inch	$\frac{lbs}{g}$
0172	52	415	1660	0320	2-1/4	18	4.65
0174	54	455	2210	0322	2-5/16	20	6.48
0176	55	455	2210	0324	2-3/8	20	6.48
0178	56	455	2210	0326	2-7/16	20	6.48
0180	58	505	2940	0328	2-1/2	21-3/4	8.82
0182	60	505	2940	0330	2-9/16	21-3/4	8.82
0184	63	555	4000	0332	2-5/8	21-3/4	8.82
0186	65	555	4000	0334	2-3/4	21-3/4	8.82
0188	67	555	4000	0336	2-13/16	24-1/4	10.58
0190	70	555	4000	0338	2-15/16	24-1/4	10.58
0192	71	615	4800	0340	3	24-1/4	10.58
0194	75	615	4800	0342	3-1/8	24-1/4	10.58
0196	77	615	4800	0344	3-1/4	24-1/4	10.58
0198	80	615	4800	0346	3-3/8	27	13.78
0200	82	615	4800	0348	3-1/2	27	13.78
0202	85	690	6250	0350	3-5/8	30-1/4	18.30
0204	88	690	6250	0352	3-3/4	30-1/4	18.30
0206	90	690	6250	0354	3-7/8	30-1/4	18.30
0208	94	770	8300				
0210	95	770	8300				
0212	100	770	8300				

## Wrench, Open End, Double

Clé à fourche double  
Llave de Boca Doble



Millimeter (mm)			American Inch ("')			
No.	s1 & s2 mm	I mm	$\frac{lbs}{g}$	No.	s1 & s2 inch	$\frac{lbs}{g}$
WO-6X7	6 x 7	100	30	WO-1/4X5/16	1/4 x 5/16	5 .15
WO-6X8	6 x 8	100	30	WO-5/16X11/32	5/16 x 11/32	5 .15
WO-7X8	7 x 8	100	30	WO-5/16X3/8	5/16 x 3/8	5 .15
WO-7X9	7 x 9	125	70	WO-3/8X7/16	3/8 x 7/16	5 .15
WO-8X9	8 x 9	125	70	WO-7/16X1/2	7/16 x 1/2	5 .15
WO-8X10	8 x 10	125	70	WO-1/2X9/16	1/2 x 9/16	5-3/4 .23
WO-9X10	9 x 10	125	70	WO-1/2X5/8	1/2 x 5/8	5-3/4 .23
WO-9X11	9 x 11	125	70	WO-1/2X11/16	1/2 x 11/16	6-1/2 .33
WO-10X11	10 x 1	125	70	WO-9/16X5/8	9/16 x 5/8	6-1/2 .33
WO-10X12	10 x 12	125	70	WO-9/16X3/4	9/16 x 3/4	6-1/2 .33
WO-11X12	11 x 12	125	70	WO-5/8X11/16	5/8 x 11/16	6-7/8 .40
WO-10X13	10 x 13	145	105	WO-5/8X3/4	5/8 x 3/4	6-7/8 .40

No.	s1 & s2 mm	I mm	$\frac{lbs}{g}$	No.	s1 & s2 inch	$\frac{lbs}{g}$
WO-11X13	11 x 13	145	105	WO-11/16X3/4	11/16 x 3/4	6-7/8 .40
WO-12X13	12 x 13	145	105	WO-11/16X25/32	11/16 x 25/32	6-7/8 .40
WO-11X14	11 x 14	145	105	WO-11/16X7/8	11/16 x 7/8	.55
WO-12X14	12 x 14	145	105	WO-3/4X13/16	3/4 x 13/16	.55
WO-13X14	13 x 14	145	105	WO-3/4X7/8	3/4 x 7/8	.55
WO-13X15	13 x 15	145	105	WO-25/32X7/8	25/32 x 7/8	.55
WO-14X15	14 x 15	165	150	WO-13/16X7/8	13/16 x 7/8	.55
WO-14X16	14 x 16	165	150	WO-7/8X15/16	7/8 x 15/16	.77
WO-14X17	14 x 17	165	150	WO-7/8X1	7/8 x 1	.77
WO-16X17	16 x 17	165	150	WO-7/8X1-1/16	7/8 x 1-1/16	.77
WO-16X18	16 x 18	165	150	WO-15/16X1	15/16 x 1	10-1/4 1.27
WO-17X19	17 x 19	175	180	WO-15/16X1-1/16	15/16 x 1-1/16	10-1/4 1.27
WO-18X19	18 x 19	175	180	WO-1X1-1/8	1 x 1-1/8	10-1/4 1.27
WO-18X20	18 x 20	205	250	WO-1-1/16X1-1/8	1-1/16 x 1-1/8	12-1/4 1.70
WO-17X22	17 x 22	205	250	WO-1-1/16X1-1/4	1-1/16 x 1-1/4	12-1/4 1.70
WO-18X22	18 x 22	205	250	WO-1-1/8X1-1/4	1-1/8 x 1-1/4	12-1/4 1.70
WO-19X22	19 x 22	205	250	WO-1-1/8X1-5/16	1-1/8 x 1-5/16	12-1/4 1.70
WO-20X22	20 x 22	205	250	WO-1-1/8X1-1/2	1-1/8 x 1-1/2	12-1/4 1.70
WO-21X22	21 x 22	205	250	WO-1-1/4X1-7/16	1-1/4 x 1-7/16	14-3/8 3.07
WO-19X24	19 x 24	205	250	WO-1-3/8X1-7/16	1-3/8 x 1-7/16	14-3/8 3.07
WO-21X23	21 x 23	230	350	WO-1-1/4X1-5/8	1-1/4 x 1-5/8	14-3/8 3.07
WO-22X23	22 x 23	230	350	WO-1-5/16X1-1/2	1-5/16 x 1-1/2	14-3/8 3.07
WO-22X24	22 x 24	230	350	WO-1-7/16X1-5/8	1-7/16 x 1-5/8	14-3/8 3.07
WO-22X27	22 x 27	230	350	WO-1-5/8X1-13/16	1-5/8 x 1-13/16	14-3/8 3.07
WO-23X26	23 x 26	230	350	WO-1-13/16X2	1-13/16 x 2	17-1/2 3.83
WO-24X26	24 x 26	230	350	WO-1-7/8X2	1-7/8 x 2	17-1/2 3.83
WO-24X27	24 x 27	230	350	WO-2-1/16X2-1/4	2-1/16 x 2-1/4	18-3/4 7.25
WO-25X28	25 x 28	260	575	WO-2-1/4X2-1/2	2-1/4 x 2-1/2	18-3/4 7.25
WO-26X29	26 x 29	260	575	WO-2-1/2X2-5/8	2-1/2 x 2-5/8	18-3/4 7.25
WO-24X30	24 x 30	260	575	WO-2-5/8X2-3/4	2-5/8 x 2-3/4	18-3/4 7.25
WO-27X30	27 x 30	260	575	WO-2-3/4X3	2-3/4 x 3	18-3/4 7.25
WO-27X32	27 x 32	260	575			
WO-30X32	30 x 32	260	575			
WO-30X34	30 x 34	310	770			
WO-30X36	30 x 36	310	770			
WO-32X36	32 x 36	310	770			
WO-34X36	34 x 36	310	770			
WO-36X41	36 x 41	365	1390			
WO-41X46	41 x 46	365	1390			
WO-46X50	46 x 50	445	1735			
WO-50X55	50 x 55	445	1735			
WO-50X60	50 x 60	475	3290			
WO-55X60	55 x 60	475	3290			
WO-65X70	65 x 70	475	3290			
WO-70X75	70 x 75	475	3290			

## Wrench, Pipe, Aluminum

Clé serre-tube, aluminium forgé  
Llave para Tubos



No.	d max mm	I mm	$\Delta\Delta$ g	d max inch	I inch	$\Delta\Delta$ lbs.
W-211AL	64	255	680	2-1/2	10	1.50
W-212AL	71	355	1020	2-13/16	14	2.25
W-213AL	81	460	1435	3-3/16	18	3.16
W-214AL	108	610	2600	4-1/4	24	5.75
W-215AL	144	915	4535	5-11/16	36	10.00
W-216AL	192	1220	8170	7-9/16	48	18.00

Replacement parts available upon request  
Pièces de rechange disponibles sur demande  
Reemplazo de repuestos

Choose aluminum for lightweight applications.

## Wrench, Pipe, Bronze

Clé serre-tube  
Llave para Tubos



No.	d max mm	I mm	$\Delta\Delta$ g	d max inch	I inch	$\Delta\Delta$ lbs.
W-210	49	205	600	1-15/16	8	1.32
W-211	64	255	990	2-1/2	10	2.10
W-212	71	355	1600	2-13/16	14	3.24
W-213	81	460	2200	3-3/16	18	4.72
W-214	108	610	4050	4-1/4	24	8.72
W-215	144	915	7350	5-11/16	36	16.18
W-216	192	1220	13800	7-9/16	48	30.38

Replacement parts available upon request  
Pièces de rechange disponibles sur demande  
Reemplazo de repuestos

## Wrench, Spanner, Adjustable

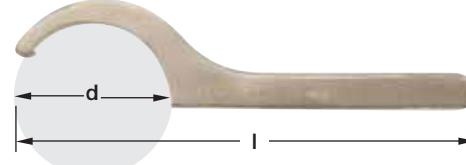
Clé à ergot articulée  
Llave de Gancho Ajustable



No.	d max mm	I mm	$\Delta\Delta$ g	d max inch	I inch	$\Delta\Delta$ lbs.
WP-5-ST	32-75	205	230	1-1/4-3	8	.48
WP-6-ST	50-120	285	450	2-4-3/4	11	.98
WP-7-ST	115-170	310	500	4-1/2-6-3/8	12	1.12

## Wrench, Spanner, Fixed<sup>4</sup> (DIN 1810)

Clé à ergot  
Llave de Gancho



No.	d mm	I mm	$\Delta\Delta$ g	d inch	I inch	$\Delta\Delta$ lbs.
7400	12-14	110	30	15/32-9/16	4-1/4	.07
7402	16-20	110	30	5/8-13/16	4-1/4	.07
7404	25-28	135	50	31/32-1-1/8	5-1/4	1.97
7406	30-32	135	50	1-3/16-1-1/4	5-1/4	1.97
7408	34-36	170	100	1-5/16-1-7/16	6-3/4	3.94
7410	40-42	170	100	1-9/16-1-11/16	6-3/4	3.94
7412	45-50	205	190	1-3/4-2	8	7.48
7414	52-55	205	190	2-1/16-2-3/16	8	7.48
7416	58-62	245	265	2-1/4-2-7/16	9-3/4	10.43
7418	68-75	245	265	2-11/16-3	9-3/4	10.43
7420	80-90	285	410	3-1/8-3-1/2	11-1/4	16.14
7422	95-100	285	410	3-3/4-4	11-1/4	16.14
7424	110-115	335	730	4-5/16-4-9/16	13-1/4	28.74
7426	120-130	335	730	4-11/16-5-1/8	13-1/4	28.74
7428	135-145	385	1150	5-5/16-5-3/4	15-1/4	45.28
7430	155-165	385	1150	6-1/8-6-1/2	15-1/4	45.28



## Wrench, Striking Box, 6-Point

Clé à frapper polygonale, 6 pans  
Llave de Cajón de Golpe, 6-Puntos



American Inch ("")

No.	s inch	I inch	lbs.
WS-1808	1-1/4	6-1/2	1.20
WS-1808A	1-5/16	7-1/2	1.52
WS-1809	1-7/16	7-1/2	1.44
WS-1809A	1-1/2	8-3/4	2.54
WS-1810	1-5/8	8-3/4	2.38
WS-1810A	1-11/16	9-7/8	3.22
WS-1811	1-13/16	9-7/8	3.04
WS-1811A	1-7/8	10-5/8	3.42
WS-1812	2	10-5/8	3.32
WS-1813	2-3/16	11-1/2	4.32
WS-1814	2-3/8	12-1/4	4.06
WS-1815	2-9/16	13-1/2	5.32
WS-1815A	2-5/8	13-1/2	5.30
WS-1816	2-3/4	17	7.60

## Wrench, Striking Box, 12-Point (DIN 7444)

Clé à frapper polygonale, 12 pans  
Llave de Cajón de Golpe, 12-Puntos



Millimeter (mm) American Inch ("")

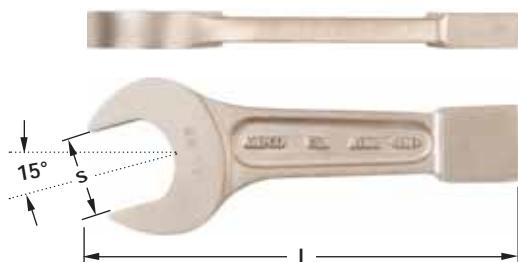
No.	s mm	I mm	lbs. g	No.	s inch	I inch	lbs. g
WS-17	17	160	270	WS-11/16	11/16	6-5/16	.60
WS-19	19	160	270	WS-3/4	3/4	6-5/16	.60
WS-22	22	160	270	WS-7/8	7/8	6-5/16	.60
WS-24	24	160	270	WS-1	1	6-5/16	.60
WS-26	26	160	270	WS-1-1/16	1-1/16	7	.78
WS-27	27	180	365	WS-1-1/8	1-1/8	7	.70
WS-28	28	180	310	WS-1-3/16	1-3/16	7-7/8	1.30
WS-29	29	180	310	WS-1-1/4	1-1/4	7-7/8	1.30
WS-30	30	200	590	WS-1-5/16	1-5/16	7-7/8	1.30
WS-31	31	200	590	WS-1-3/8	1-3/8	7-7/8	1.20

No.	s mm	I mm	lbs. g	No.	s inch	I inch	lbs. g
WS-32	32	200	590	WS-1-7/16	1-7/16	7-7/8	1.14
WS-33	33	200	590	WS-1-1/2	1-1/2	9	1.96
WS-34	34	200	590	WS-1-9/16	1-9/16	9	1.88
WS-35	35	200	545	WS-1-5/8	1-5/8	9	1.88
WS-36	36	200	545	WS-1-11/16	1-11/16	9	1.80
WS-37	37	200	520	WS-1-3/4	1-3/4	9	1.80
WS-38	38	200	520	WS-1-13/16	1-13/16	9	1.75
WS-40	40	230	850	WS-1-7/8	1-7/8	10	3.10
WS-41	41	230	860	WS-2	2	10	2.92
WS-42	42	230	860	WS-2-1/16	2-1/16	10	2.84
WS-43	43	230	860	WS-2-1/8	2-1/8	10	2.82
WS-44	44	230	860	WS-2-3/16	2-3/16	10	2.68
WS-46	46	230	860	WS-2-1/4	2-1/4	11-1/4	4.60
WS-47	47	230	815	WS-2-5/16	2-5/16	11-1/4	4.40
WS-48	48	255	1360	WS-2-3/8	2-3/8	11-1/4	4.40
WS-50	50	255	1360	WS-2-7/16	2-7/16	11-1/4	4.30
WS-51	51	255	1270	WS-2-1/2	2-1/2	11-1/4	4.20
WS-52	52	255	1270	WS-2-9/16	2-9/16	11-1/4	4.20
WS-54	54	255	1270	WS-2-5/8	2-5/8	13	6.84
WS-55	55	255	1225	WS-2-3/4	2-3/4	13	6.80
WS-56	56	255	1215	WS-2-13/16	2-13/16	13	6.78
WS-57	57	285	2040	WS-2-15/16	2-15/16	13	6.32
WS-58	58	285	2040	WS-3	3	14-3/16	9.21
WS-60	60	285	1995	WS-3-1/8	3-1/8	14-3/16	9.06
WS-62	62	285	1905	WS-3-1/4	3-1/4	14-3/16	8.64
WS-63	63	285	1905	WS-3-3/8	3-3/8	15-1/2	14.60
WS-65	65	285	1860	WS-3-1/2	3-1/2	15-1/2	14.08
WS-67	67	330	3220	WS-3-5/8	3-5/8	15-1/2	13.70
WS-70	70	330	2950	WS-3-3/4	3-3/4	15-1/2	13.10
WS-71	71	330	2950	WS-3-7/8	3-7/8	15-1/2	12.60
WS-75	75	330	2860	WS-4	4	17-1/8	20.00
WS-77	77	360	4130	WS-4-1/8	4-1/8	17-1/8	20.00
WS-78	78	360	4130	WS-4-5/16	4-5/16	17-1/8	20.00
WS-79	79	360	4130	WS-4-9/16	4-9/16	20	35.00
WS-80	80	360	4130	WS-4-11/16	4-11/16	20	35.00
WS-82	82	360	3900	WS-4-15/16	4-15/16	20	35.00
WS-85	85	360	3810	WS-5-1/8	5-1/8	20	35.00
WS-88	88	395	6440	WS-5-3/8	5-3/8	22	48.00
WS-90	90	395	6350	WS-5-11/16	6	22	48.00
WS-94	94	395	6080	WS-6	6	22	48.00
WS-95	95	395	5990				
WS-100	100	395	5670				
WS-105	105	435	9070				
WS-110	110	435	9070				
WS-115	115	435	9070				
WS-120	120	510	15880				
WS-125	125	510	15880				
WS-130	130	510	15880				
WS-135	135	510	15880				
WS-145	145	560	21770				
WS-150	150	560	21770				
WS-155	155	560	21770				



## Wrench, Striking Open End (DIN 133)

Clé à frapper à fourche  
Llave de Boca de Golpe



Millimeter (mm)				American Inch (")			
No.	s mm	l mm	Δg	No.	s inch	l inch	Δg lbs.
WSO-14	14	165	340	WSO-1/2	1/2	6-1/2	.75
WSO-17	17	165	340	WSO-9/16	9/16	6-1/2	.75
WSO-19	19	165	340	WSO-5/8	5/8	6-1/2	.75
WSO-22	22	165	340	WSO-11/16	11/16	6-1/2	.75
WSO-24	24	165	340	WSO-3/4	3/4	6-1/2	.75
WSO-25	25	165	340	WSO-13/16	13/16	6-1/2	.75
WSO-26	26	165	340	WSO-7/8	7/8	6-1/2	.75
WSO-27	27	185	380	WSO-15/16	15/16	6-1/2	.75
WSO-29	29	185	380	WSO-1	1	6-1/2	.75
WSO-30	30	185	380	WSO-1-1/16	1-1/16	7-1/4	0.85
WSO-32	32	185	380	WSO-1-1/8	1-1/8	7-1/4	0.85
WSO-33	33	185	380	WSO-1-3/16	1-3/16	7-1/4	0.85
WSO-34	34	200	440	WSO-1-1/4	1-1/4	7-1/4	0.85
WSO-35	35	200	440	WSO-1-5/16	1-5/16	7-1/4	0.85
WSO-36	36	200	440	WSO-1-3/8	1-3/8	8	1.00
WSO-37	37	200	440	WSO-1-7/16	1-7/16	8	1.00
WSO-38	38	200	440	WSO-1-1/2	1-1/2	8	1.00
WSO-41	41	240	1150	WSO-1-9/16	1-9/16	8	1.00
WSO-42	42	240	1150	WSO-1-5/8	1-5/8	9-1/2	2.54
WSO-46	46	240	1150	WSO-1-11/16	1-11/16	9-1/2	2.54
WSO-47	47	240	1150	WSO-1-3/4	1-3/4	9-1/2	2.54
WSO-50	50	265	1600	WSO-1-13/16	1-13/16	9-1/2	2.54
WSO-52	52	265	1600	WSO-1-7/8	1-7/8	9-1/2	2.54
WSO-54	54	265	1600	WSO-1-15/16	1-15/16	9-1/2	2.54
WSO-55	55	305	1800	WSO-2	2	10-1/2	3.53
WSO-56	56	305	1800	WSO-2-1/16	2-1/16	10-1/2	3.53
WSO-58	58	305	1800	WSO-2-1/8	2-1/8	10-1/2	3.53
WSO-60	60	305	1800	WSO-2-3/16	2-3/16	12	5.51
WSO-63	63	305	1800	WSO-2-1/4	2-1/4	12	5.51
WSO-65	65	335	3700	WSO-2-5/16	2-5/16	12	5.51
WSO-67	67	335	3700	WSO-2-3/8	2-3/8	12	5.51
WSO-70	70	365	4000	WSO-2-7/16	2-7/16	12	5.51
WSO-71	71	365	4000	WSO-2-1/2	2-1/2	12	5.51
WSO-75	75	365	4000	WSO-2-9/16	2-9/16	13-1/4	8.16
WSO-77	77	365	4000	WSO-2-5/8	2-5/8	13-1/4	8.16
WSO-80	80	390	6300	WSO-2-11/16	2-11/16	13-1/4	8.16
WSO-82	82	390	6300	WSO-2-3/4	2-3/4	14-3/8	8.82

No.	s mm	l mm	Δg	No.	s inch	l inch	Δg lbs.
WSO-85	85	390	6300	WSO-2-13/16	2-13/16	14-3/8	8.82
WSO-88	88	390	6300	WSO-2-7/8	2-7/8	14-3/8	8.82
WSO-90	90	435	8000	WSO-2-15/16	2-15/16	14-3/8	8.82
WSO-92	92	435	8000	WSO-3	3	14-3/8	8.82
WSO-94	94	435	8000	WSO-3-1/8	3-1/8	14-3/8	8.82
WSO-95	95	435	8000	WSO-3-1/4	3-1/4	15-3/8	13.89
WSO-100	100	475	9900	WSO-3-3/8	3-3/8	15-3/8	13.89
WSO-105	105	475	9900	WSO-3-1/2	3-1/2	15-3/8	13.89
WSO-110	110	525	16325	WSO-3-5/8	3-5/8	17-1/8	17.64
WSO-115	115	525	16325	WSO-3-3/4	3-3/4	17-1/8	17.64
WSO-120	120	525	16325	WSO-3-7/8	3-7/8	17-1/8	17.64
WSO-125	125	525	16325	WSO-4	4	18-11/16	21.85
				WSO-4-1/8	4-1/8	18-11/16	21.85
				WSO-4-1/4	4-1/4	18-11/16	21.85
				WSO-4-3/8	4-3/8	20-11/16	36
				WSO-4-1/2	4-1/2	20-11/16	36
				WSO-4-5/8	4-5/8	20-11/16	36
				WSO-4-3/4	4-3/4	20-11/16	36
				WSO-4-7/8	4-7/8	20-11/16	36
				WSO-5	5	20-11/16	36

## Valve Wheel Hook

Clé à valve  
Gancho Girador de Válvulas



Millimeter (mm)						
No.	a1 mm	a2 mm	b mm	d mm	l mm	Δg
WV-20	40	30	115	13	500	720
American Inch (")						
No.	a1 inch	a2 inch	b inch	d inch	l inch	Δg lbs.
WV-20	19/16	13/16	4-7/16	1/2	19-3/4	1.59

Your Safety Is Our  
Business.



## Valve Wheel Hook

Clé à valve

Gancho Girador de Válvulas



Millimeter (mm)					
No.	a mm	b mm	d mm	l mm	$\Delta\Delta$ g
WV-30	30	55	13	300	350
WV-32	35	60	13	350	600
WV-34	40	70	16	400	680
WV-36	45	80	16	450	1110
WV-38	50	90	19	500	1200
WV-40	60	105	22	600	2000
WV-42	70	120	25	700	3000
WV-44	80	135	28	800	5300

### American Inch (")

No.	a inch	b inch	d inch	l inch	$\Delta\Delta$ lbs.
WV-30	1-3/16	2-3/16	1/2	11-3/4	.77
WV-32	1-3/8	2-3/8	1/2	13-3/4	1.32
WV-34	1-5/8	2-3/8	5/8	15-3/4	1.50
WV-36	1-3/4	3	5/8	17-3/4	2.44
WV-38	2	3-7/16	3-1/4	19-3/4	2.64
WV-40	2-3/8	4	7/8	23-5/8	4.41
WV-42	2-3/4	4-3/4	1	27-1/2	6.61
WV-44	3-1/8	5-3/8	1-1/8	31-1/2	11.67

Engineered to perform in:  
high-risk and demanding  
environments



## Wrench, Valve Wheel (DIN 87311)

Clé à volant

Llave Giradora de Válvulas



No.	d mm	a mm	l mm	$\Delta\Delta$ g	d inch	a inch	l inch	$\Delta\Delta$ lbs.
WV-10	36	60	370	650	1-3/8	2-3/8	14-1/2	1.43
WV-12	48	80	430	1300	1-7/8	3-1/8	17	2.87
WV-14	62	102	550	2550	2-7/16	4	21-5/8	5.62



## WRENCHES

AMPCO wrenches are recommended  
by safety engineers and insurance  
companies worldwide

PROUDLY MADE  
IN THE



USA



APPROVED



## M-50 Marine Kit

Kit marine  
Juego-Marino

### Cabinet Features

- Sturdy construction of 3/4" plywood to resist warping.
- Spar varnished for moisture resistance and marine applications.
- Cabinet latch can be locked to secure your investment.
- Individual placement of each tool makes it obvious when one is missing.
- Tools are secured in place so that the cabinet can stand upright or be laid down for storage.



**MARINE KIT**

No.	length mm	width mm	height mm	g	length inch	width inch	height inch	lbs.
M-50	1300	900	280	75405	50	36	11	165

### Contents

No.	Pieces	Description
W- 31	1	Wrecking Bar (36 inches long)
W-72	1	Adjustable End Wrench (10 inches long)
W-73	1	Adjustable End Wrench (12 inches long)
W-74	1	Adjustable End Wrench (15 inches long)
H-2FG	1	Ball Peen Hammer (16 oz. head)
H-4FG	1	Ball Peen Hammer (2 lbs. head)
H-60FG	3	Scaling Hammer (16 oz. head)
H-70FG	1	Sledge Hammer (5 lbs. head)
S-10g	3	Deck Scraper (12 inches long)
S-21	3	Scraper (4-inch blade)

No.	Pieces	Description
S-27	3	Ship Scraper (4-inch blade)
S-50	1	Standard Screwdriver (3/8-inch tip x 8-inch blade)
S-51	1	Standard Screwdriver (3/8-inch tip x 12-inch blade)
S-80FG	2	Scoop Shovel (D-Handle)
C-13	1	Hand Chisel (3/4-inch blade x 6 inches long)
C-17	1	Hand Chisel (7/8-inch blade x 9 inches long)
W-211AL	1	Adjustable Pipe Wrench (10 inches long) – Aluminum
W-212AL	1	Adjustable Pipe Wrench (14 inches long) – Aluminum
W-213AL	1	Adjustable Pipe Wrench (18 inches long) – Aluminum

### Contenu

No.	Pièces	Description
W- 31	1	Barre de démolition (36 pouces de longueur)
W-72	1	Clé à molette (10 pouces de longueur)
W-73	1	Clé à molette (12 pouces de longueur)
W-74	1	Clé à molette (15 pouces de longueur)
H-2FG	1	Marteau à panne ronde (tête 16 oz)
H-4FG	1	Marteau à panne ronde (tête 2 lb)
H-60FG	3	Marteau dérouilleur-détrarteur (tête 16 oz)
H-70FG	1	Masse à pans (tête 5 lb)
S-10g	3	Grattoir (12 pouces de longueur)
S-21	3	Grattoir (lame de 4 pouces)

No.	Pièces	Description
S-27	3	Grattoir de peintre (lame de 4 pouces)
S-50	1	Tournevis plat (pointe 3/8 po x lame 8 po)
S-51	1	Tournevis plat (pointe 3/8 po x lame 12 po)
S-80FG	2	Pelle creuse (à poignée fermée)
C-13	1	Burin (lame 3/4 po x 6 po de long.)
C-17	1	Burin (lame 7/8 po x 9 po de long.)
W-211AL	1	Clé à tuyau réglable (10 pouces de long.) – Aluminium
W-212AL	1	Clé à tuyau réglable (14 pouces de long.) – Aluminium
W-213AL	1	Clé à tuyau réglable (18 pouces de long.) – Aluminium

### Contenido

No.	Piezas	Descripción
W- 31	1	Barra de demolición (36 pulgadas de longitud)
W-72	1	Llave de extremo ajustable (10 pulgadas de longitud)
W-73	1	Llave de extremo ajustable (12 pulgadas de longitud)
W-74	1	Llave de extremo ajustable (15 pulgadas de longitud)
H-2FG	1	Martillo con cabeza de bola (cabeza de 16 onzas)
H-4FG	1	Martillo con cabeza de bola (cabeza de 2 lb)
H-60FG	3	Martillo con cabeza de piqueta (cabeza de 16 onzas)
H-70FG	1	Almádena (cabeza de 5 lb)
S-10g	3	Raspador elevado (12 pulgadas de longitud)
S-21	3	Raspador (hoja de 4 pulgadas)

No.	Piezas	Descripción
S-27	3	Raspador marítimo (hoja de 4 pulgadas)
S-50	1	Destornillador estándar (cabeza de 3/8 pulgadas y vástago de 8 pulgadas)
S-51	1	Destornillador estándar (cabeza de 3/8 pulgadas y vástago de 12 pulgadas)
S-80FG	2	Pala de cuchara (mango en D)
C-13	1	Cincel de mano (hoja de 3/4" de ancho x 6" de largo)
C-17	1	Cincel de mano (hoja de 7/8" de ancho x 9" de largo)
W-211AL	1	Llave ajustable para tubos (10 pulgadas de longitud) – Aluminio
W-212AL	1	Llave ajustable para tubos (14 pulgadas de longitud) – Aluminio
W-213AL	1	Llave ajustable para tubos (18 pulgadas de longitud) – Aluminio

**IM-20 Deluxe Insulated Tool Kit, 17 pc.**

**IM-20 Jeu d'outils isolants de luxe, 17 pcs**  
**Juego de 17 herramientas Deluxe con aislamiento**  
**IM-20**



No.	Description
IP-31	Adjustable Combination Pliers 8"
IP-35	Lineman's/Side Cutting Pliers 8-1/2"
IP-36	Diagonal Cutting Pliers 7"
IP-39	Groove Joint Pliers 10"
IS-1099	#2 Phillips Screwdriver
IS-49	Standard Screwdriver 5/16" Tip
ISS-3/8D7/16	Standard Socket, 6 pt, 3/8" Drive, Size 7/16"
ISS-3/8D1/2	Standard Socket, 6 pt, 3/8" Drive, Size 1/2"
ISS-3/8D9/16	Standard Socket, 6 pt, 3/8" Drive, Size 9/16"
IW-142R	Ratchet Wrench, 3/8" Drive
IWE-3/8X6	Extension Bar, 3/8" Drive
IW-71	Adjustable End Wrench 8"
IW-72	Adjustable End Wrench 10"
IWSB-7/16	Single Box End Wrench, 12 pt, Size 7/16"
IWSB-1/2	Single Box End Wrench, 12 pt, Size 1/2"
IWSB-9/16	Single Box End Wrench, 12 pt, Size 9/16"
TB-10	Toothbrush Style Scratch Brush w/Wood Handle
No.	Description
IP-31	Pince universelle réglable 8"
IP-35	Pince à coupe-fil 8-1/2"
IP-36	Pince coupante diagonale 7"
IP-39	Pince multiprise 10"
IS-1099	Tournevis cruciforme n° 2
IS-49	Tournevis plat à pointe 5/16"
ISS-3/8D7/16	Douille standard, 6 pans, prise 3/8", taille 7/16"
ISS-3/8D1/2	Douille standard, 6 pans, prise 3/8", taille 1/2"
ISS-3/8D9/16	Douille standard, 6 pans, prise 3/8", taille 9/16"
IW-142R	Clé à cliquet, prise 3/8"
IWE-3/8X6	Barre de rallonge, prise 3/8"
IW-71	Clé à molette 8"
IW-72	Clé à molette 10"
IWSB-7/16	Clé fermée simple, 12 pans, taille 7/16"
IWSB-1/2	Clé fermée simple, 12 pans, taille 1/2"
IWSB-9/16	Clé fermée simple, 12 pans, taille 9/16"
TB-10	Brosse pour bougie à manche de bois
No.	Descripción
IP-31	Alicates ajustables combinados de 8"
IP-35	Alicates combinados con filo de corte lateral de 8-1/2"
IP-36	Alicates con filo de corte diagonal de 7"
IP-39	Alicates de mordazas ajustables de 10"
IS-1099	Destornillador Phillips del N.º 2
IS-49	Destornillador estándar con cabeza de 5/16"
IW-71	Llave de cabeza ajustable de 8"
IWSB x 2	2 llaves de cajón de un extremo, de 12 puntos Opción de cualquier tamaño/combinación de 2 herramientas: 7/16", 1/2" o 9/16"
TB-10	Cepillo de raspado tipo cepillo de dientes con mango de madera

**IM-20 Deluxe Insulated Tool Kit – Cont.**

ISS-3/8D7/16	Llave de tubo estándar de seis puntos para vástago de 3/8", de 7/16"
ISS-3/8D1/2	Llave de tubo estándar de seis puntos para vástago de 3/8", de 1/2"
ISS-3/8D9/16	Llave de tubo estándar de seis puntos para vástago de 3/8", de 9/16"
IW-142R	Llave de trinquete con vástago de 3/8"
IWE-3/8X6	Barra de extensión para vástago de 3/8"
IW-71	Llave de cabeza ajustable de 8"
IW-72	Llave de cabeza ajustable de 10"
IWSB-7/16	Llave de cajón de un extremo, de 12 puntos y 7/16"
IWSB-1/2	Llave de cajón de un extremo, de 12 puntos y 1/2"
IWSB-9/16	Llave de cajón de un extremo, de 12 puntos y 9/16"
TB-10	Cepillo de raspado tipo cepillo de dientes con mango de madera

11.05 lbs. / 5010 grams

**IM-21 Basic Insulated Tool Kit, 9 pc.**

**Jeu d'outils isolants de base, 9 pcs**  
**Juego de nueve herramientas básicas con aislamiento**



No.	Description
IP-31	Adjustable Combination Pliers 8"
IP-35	Lineman's/Side Cutting Pliers 8-1/2"
IP-39	Groove Joint Pliers 10"
IS-1099	#2 Phillips Screwdriver
IS-49	Standard Screwdriver 5/16" Tip
IW-71	Adjustable End Wrench 8"
IWSB x 2	2 Single Box End Wrenches, 12 pt Choice of any size/combination of 2: 7/16, 1/2 or 9/16"
TB-10	Toothbrush Style Scratch Brush w/Wood Handle
No.	Description
IP-31	Pince universelle réglable 8"
IP-35	Pince à coupe-fil 8-1/2"
IP-39	Pince multiprise 10"
IS-1099	Tournevis cruciforme n° 2
IS-49	Tournevis plat à pointe 5/16"
IW-71	Clé à molette 8"
IWSB x 2	2 Clés fermées simples, 12 pans Choix de toute taille / combinación de 2 : 7/16", 1/2" ou 9/16"
TB-10	Brosse pour bougie à manche de bois
No.	Descripción
IP-31	Alicates ajustables combinados de 8"
IP-35	Alicates combinados con filo de corte lateral de 8-1/2"
IP-39	Alicates de mordazas ajustables de 10"
IS-1099	Destornillador Phillips del N.º 2
IS-49	Destornillador estándar con cabeza de 5/16"
IW-71	Llave de cabeza ajustable de 8"
IWSB x 2	2 llaves de cajón de un extremo, de 12 puntos Opción de cualquier tamaño/combinación de 2 herramientas: 7/16", 1/2" o 9/16"
TB-10	Cepillo de raspado tipo cepillo de dientes con mango de madera

7.70 lbs. / 3490 grams



## Socket Sets

Jeu de douilles  
Juego de Cubos



No.	Drive inch	Sockets	Accessories	$\frac{\text{lb}}{\text{in}}$
W-160M	1/4	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	W-143R WE-1/4X4 Case	500
W-160	1/4	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	W-143R WE-1/4X4 Case	1.10

1/4" Drive Sets: Case | Ratchet | Bar, Extension  
Jeux à prise 1/4" : Mallette | clé à cliquet | barre, rallonge  
Juegos de vástagos de 1/4" : Estuche | trinquete | barra de extensión

W-260M	1/2	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	W-141R W-281 WE-1/2X10 W-283 Case	7620
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W-260	1/2	5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 5/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	W-141R W-281 WE-1/2X10 W-283 Case	13.30
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W-290	1/2	1/2, 11/16, 7/8, 1-1/16, 1-1/4	W-141R W-281 WE-1/2X10 W-283 Case	10.20
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1/2" Drive Sets: Case | Ratchet | Bar, Extension | Bar, Sliding | Wrench, Handle  
Jeux à prise 1/2" : Mallette | clé à cliquet | barre, rallonge | barre coulissante | clé, poignée  
Juegos de vástagos de 1/2" : Estuche | trinquete | barra de extensión | barra deslizante | Llave de mango

W-291M	3/4	36, 38, 41, 46, 50, 55, 60	W-140R W-256 WE-3/4X16 W-257 Case	18095
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W-291	3/4	1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-9/16, 1-5/8, 1-11/16, 1-3/4, 1-13/16, 1-7/8, 2	W-140R W-256 WE-3/4X16 W-257 Case	42.30
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3/4" Drive Sets: Case | Ratchet | Bar, Extension | Bar, Sliding | Wrench, Handle  
Jeux à prise 3/4" : Mallette | clé à cliquet | barre, rallonge | barre coulissante | clé, poignée  
Juegos de vástagos de 3/4" : Estuche | trinquete | barra de extensión | barra deslizante | Llave de mango

## M-39 6 pc., Screwdriver Set

Jeu de tournevis, 6 pièces Juego de 6 destornilladores



No.	Description
S-48	Std. Screwdriver 5/16" Tip, 3" Blade
S-49	Std. Screwdriver 5/16" Tip, 6" Blade
S-50	Std. Screwdriver 3/8" Tip, 8" Blade
S-1099A	#1 Phillips Screwdriver
S-1099	#2 Phillips Screwdriver
S-1100	#3 Phillips Screwdriver

No.	Description
S-48	Tournevis plat, pointe 5/16", lame 3"
S-49	Tournevis plat, pointe 5/16", lame 6"
S-50	Tournevis plat, pointe 3/8", lame 8"
S-1099A	Tournevis cruciforme n°1
S-1099	Tournevis cruciforme n°2
S-1100	Tournevis cruciforme n°3

No.	Descripción
S-48	Destornillador estándar con cabeza de 5/16" y vástago de 3"
S-49	Destornillador estándar con cabeza de 5/16" y vástago de 6"
S-50	Destornillador estándar con cabeza de 3/8" y vástago de 8"
S-1099A	Destornillador Phillips N.º1
S-1099	Destornillador Phillips N.º2
S-1100	Destornillador Phillips N.º3

1.86 lbs. / 850 grams



## SOCKET SET ACCESSORIES

All 1/2- and 3/4-inch Socket Sets include these popular accessories:

Wrench Handle, Hinged (Page 41)

Wrench, Ratchet (Page 41)

Bar, Extension (Page 40)

Bar, Sliding for Extension (Page 40)





## M-41M / M-41, 7 pc. Combination Wrench Set

Jeu de clés mixtes, 7 pcs, mesures anglaises  
Juego de 7 llaves combinadas (pulgadas)



M-41M Millimeter (mm)		M-41 American Inch ("")	
No.	mm	No.	inch
1300	8mm	W-601	3/8"
1304	10mm	W-611	7/16"
1308	12mm	W-621	1/2"
1312	14mm	W-631	9/16"
1318	17mm	W-641	5/8"
1322	19mm	W-661	3/4"
1328	22mm	W-671	7/8"

2.46 lbs. / 1115 grams

## M-42M / M-42, 10 pc. Hex Key Set<sup>9</sup>

Jeu de clés hexagonales, 10 pcs, mesures anglaises  
Juego de 10 llaves Allen (pulgadas)



M-42M Millimeter (mm)		M-42 American Inch ("")	
No.	mm	No.	inch
WH-1.5MM	1.5	WH-1/16	1/16
WH-2MM	2	WH-5/64	5/64
WH-3MM	3	WH-3/32	3/32
WH-4MM	4	WH-1/8	1/8
WH-5MM	5	WH-5/32	5/32
WH-6MM	6	WH-3/16	3/16
WH-7MM	7	WH-7/32	7/32
WH-8MM	8	WH-1/4	1/4
WH-9MM	9	WH-5/16	5/16
WH-10MM	10	WH-3/8	3/8

.66 lbs. / 300 grams

**AMPCO Tool Kits — A Tool for Every Purpose and a Kit for Any Job!**

## M-46, 4 pc. Tool Kit

Jeu d'outils, 4 pcs  
Juego de 4 herramientas



No.	Description
S-48	Std. Screwdriver 5/16" Tip, 3" Blade
P-30	6-1/2" Combination Pliers
W-71	8" Adjustable End Wrench
CJ-1-ST	9" Crate Opener
No.	Description
S-48	Tournevis plat, pointe 5/16", lame 3"
P-30	Pince combinée 6-1/2"
W-71	Clé à molette 8"
CJ-1-ST	Ouvre-caisse 9"
No.	Descripción
S-48	Destornillador estándar con cabeza de 5/16" y vástago de 3"
P-30	Alicates combinados de 6-1/2"
W-71	Llave de cabeza ajustable de 8"
CJ-1-ST	Abrecajas de 9"

2.22 lbs. / 1015 grams

## M-47, 6 pc. Tool Kit

Jeu d'outils, 6 pcs  
Juego de 6 herramientas



No.	Description
S-48	Std Screwdriver 5/16" Tip, 3" Blade
P-30	6-1/2" Combination Pliers
W-71	8" Adjustable End Wrench
CJ-1-ST	9" Crate Opener
S-1099	#2 Phillips Screwdriver
P-39	#10 Groove Joint Pliers
No.	Description
S-48	Tournevis plat, pointe 5/16", lame 3"
P-30	Pince combinée 6-1/2"
W-71	Clé à molette 8"
CJ-1-ST	Ouvre-caisse 9"
S-1099	Tournevis cruciforme n° 2
P-39	Pince multiprise n° 10
No.	Descripción
S-48	Destornillador estándar con cabeza de 5/16" y vástago de 3"
P-30	Alicates combinados de 6-1/2"
W-71	Llave de cabeza ajustable de 8"
CJ-1-ST	Abrecajas de 9"
S-1099	Destornillador Phillips del N.º 2
P-39	Alicates de mordazas ajustables del N.º 10

3.24 lbs. / 1480 grams



## M-48, 11 pc. Tool Kit

M-48, Jeu d'outils, 11 pcs  
Juego de 11 herramientas M-48



No.	Description
P-31	8" Combination Pliers
B-399	Shoe Handle Brush
K-21	Putty Knife (Stiff) 1-1/4" x 3-9/16" Blade 7-3/4" OAL
K-1	Common Knife 3-1/8" Blade, 6-3/4" OAL
P-39	10" Groove Joint Pliers
S-1099	#2 Phillips Screwdriver
S-49	Std. Screwdriver – 5/16" Tip, 6" Blade
H-20FG	16 oz. Claw Hammer with Fiberglass Handle
W-70	6" Adjustable Wrench
W-72	10" Adjustable Wrench
W-211	10" Adjustable Pipe Wrench

No.	Description
P-31	Pince universelle 8"
B-399	Brosse à manche cintré
K-21	Couteau à mastic (rigide), lame 1-1/4" x 3-9/16", long. totale 7-3/4"
K-1	Couteau ordinaire, lame 3-1/8", long. totale 6-3/4"
P-39	Pince multiprise 10"
S-1099	Tournevis cruciforme n° 2
S-49	Tournevis plat, pointe 5/16", lame 6"
H-20FG	Marteau de charpentier 16 oz à manche de fibre de verre
W-70	Clé à molette 6"
W-72	Clé à molette 10"
W-211	Clé à tuyau 10"

No.	Descripción
P-31	Alicates combinados de 8"
B-399	Cepillo con mango en forma de zapato
K-21	Espátula (rigida) con hoja de 1-1/4" x 3-9/16" y longitud total de 7-3/4"
K-1	Cuchillo común con hoja de 3-1/8" y longitud total de 6-3/4"
P-39	Alicates de mordazas ajustables de 10"
S-1099	Destornillador Phillips del N.º 2
S-49	Destornillador estándar con cabeza de 5/16" y vástago de 6"
H-20FG	Martillo de uñas de 16 oz con mango de fibra de vidrio
W-70	Llave ajustable de 6"
W-72	Llave ajustable de 10"
W-211	Llave ajustable para tubos de 10"

10.20 lbs. / 4625 grams

Un Outil pour Chaque Usage et un  
Jeu D'outils pour Quel Tâche

Una Herramienta para Cada Propósito  
y un Juego de Herramientas para  
Cualquier Trabajo!

## M-49, 16 pc. Tool Kit

M-48, Jeu d'outils, 16 pcs  
Juego de 16 herramientas M-48



No.	Description
W-3109	Dbl. End Box Wrench – 5/16" x 3/8"
W-3120	Dbl. End Box Wrench – 7/16" x 1/2"
W-3150	Dbl. End Box Wrench – 9/16" x 5/8"
W-3180	Dbl. End Box Wrench – 3/4" x 7/8"
S-1099	#2 Phillips Screwdriver
S-49	Std. Screwdriver – 5/16" Tip, 6" Blade
W-72	10" Adjustable Wrench
P-30	6 1/2" Combination Pliers
P-31	8" Combination Pliers
P-39	10" Groove Joint Pliers
K-1	Common Knife 3-1/8" Blade, 6-3/4" OAL
K-21	Putty Knife (Stiff) 1-1/4" x 3-9/16" Blade 7-3/4" OAL
H-20FG	16 oz. Claw Hammer with Fiberglass Handle
W-212	14" Adjustable Pipe Wrench
B-399	Shoe Handle Brush
S-10G	Deck Scraper – 2" x 12"

No.	Description
W-3109	Clé fermée double – 5/16" x 3/8"
W-3120	Clé fermée double – 7/16" x 1/2"
W-3150	Clé fermée double – 9/16" x 5/8"
W-3180	Clé fermée double – 3/4" x 7/8"
S-1099	Tournevis cruciforme n° 2
S-49	Tournevis plat, pointe 5/16", lame 6"
W-72	Clé à molette 10"
P-30	Pince combinée 6-1/2"
P-31	Pince combinée 8"
P-39	Pince multiprise 10"
K-1	Couteau ordinaire, lame 3-1/8", long. totale 6-3/4"
K-21	Couteau à mastic (rigide), lame 1-1/4" x 3-9/16", long. totale 7-3/4"
H-20FG	Marteau de charpentier 16 oz à manche de fibre de verre
W-212	Clé à tuyau réglable 14"
B-399	Brosse à manche recourbé
S-10G	Grattoir – 2" x 12"

No.	Descripción
W-3109	Llave de cajón de dos extremos – 5/16" x 3/8"
W-3120	Llave de cajón de dos extremos – 7/16" x 1/2"
W-3150	Llave de cajón de dos extremos – 9/16" x 5/8"
W-3180	Llave de cajón de dos extremos – 3/4" x 7/8"
S-1099	Destornillador Phillips del N.º 2
S-49	Destornillador estándar con cabeza de 5/16" y vástago de 6"
W-72	Llave ajustable de 10"
P-30	Alicates combinados de 6-1/2"
P-31	Alicates combinados de 8"
P-39	Alicates de mordazas ajustables de 10"
K-1	Cuchillo común con hoja de 3-1/8" y longitud total de 6-3/4"
K-21	Espátula (rigida) con hoja de 1-1/4" x 3-9/16" y longitud total de 7-3/4"
H-20FG	Martillo de uñas de 16 oz con mango de fibra de vidrio
W-212	Llave ajustable para tubos de 14"
B-399	Cepillo con mango en forma de zapato
S-10G	Raspador elevado – 2" x 12"

14.34 lbs. / 6505 grams

## M-51, 17 pc. Hazmat Tool Kit

M-51, Jeu d'outils Matières dangereuses, 17 pcs  
Juego de 17 herramientas M-51 para materiales peligrosos



No.	Description
B-399	Shoe Handle Brush
CJ-1-ST	9" Crate Opener
H-20FG	16 oz. Claw Hammer w/Fiberglass Handle
K-5	Common Knife 5-3/4" Blade, 10-3/4" OAL
K-21	Putty Knife (Stiff) 1-1/4" x 3-9/16" Blade 7-3/4" OAL
P-312	12" Groove Joint Plier
P-326	7" Long-nose Pliers with Cutters
P-31	8" Combination Pliers
S-11G	Deck Scraper, 1-1/2" Blade x 15" Long
S-40	Spray Booth Scraper, 3" Blade x 9-1/4" Long
S-49	Std. Screwdriver – 5/16" Tip, 6" Blade
S-1100	#3 Phillips Screwdriver
S-1144	12" Tin Snips
W-71	8" Adjustable Wrench
W-73	12" Adjustable Wrench
W-212AL	14" Pipe Wrench (Aluminum)
W-56	12" Bung Wrench (Fits 3/4" x 2")

## M-51, 17 pc. Hazmat Tool Kit – Cont.

No.	Description
B-399	Brosse à manche recourbé
CJ-1-ST	Ouvre-caisse 9"
H-20FG	Marteau de charpentier 16 oz à manche de fibre de verre
K-5	Couteau ordinaire, lame 5-3/4", long. totale 10-3/4"
K-21	Couteau à mastic (rigide), lame 1-1/4" x 3-9/16", long. totale 7-3/4"
P-312	Pince multiprise 12"
P-326	Pince à bec long 7" avec coupe-fil
P-31	Pince universelle 8"
S-11G	Grattoir, lame 1-1/2" x 15" de longueur
S-40	Grattoir pour cabine de peinture, lame 3" x 9-1/4" de longueur
S-49	Tournevis plat, pointe 5/16", lame 6"
S-1100	Tournevis cruciforme n° 3
S-1144	Cisailles à tôle 12"
W-71	Clé à molette 8"
W-73	Clé à molette 12"
W-212AL	Clé à tuyau 14" (aluminium)
W-56	Clé à bondones 12" (bondones de 3/4" x 2")
No.	Descripción
B-399	Cepillo con mango en forma de zapato
CJ-1-ST	Abrecajas de 9"
H-20FG	Martillo de uñas de 16 oz con mango de fibra de vidrio
K-5	Cuchillo común con hoja de 5-3/4" y longitud total de 10-3/4"
K-21	Espátula (rígida) con hoja de 1-1/4" x 3-9/16" y longitud total de 7-3/4"
P-312	Alicates de mordazas ajustables de 12"
P-326	Alicates de punta larga con filo de corte
P-31	Alicates combinados de 8"
S-11G	Raspador elevado con hoja de 1-1/2" y 15" de longitud
S-40	Raspador de cabina de pintura con hoja de 3" y 9-1/4" de longitud
S-49	Destornillador estándar con cabeza de 5/16" y vástago de 6"
S-1100	Destornillador Phillips del N.º 3
S-1144	Tijeras para hojalata de 12"
W-71	Llave ajustable de 8"
W-73	Llave ajustable de 12"
W-212AL	Llave para tubos de 14" (Aluminio)
W-56	Llave taponadora de 12" (para tapones de 3/4"x 2")

19.94 lbs. / 9045 grams

Create Your Own Custom Kit —  
Mix and Match with Any Tool.

Créez votre propre assortiment —  
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Cree su propio juego personal de  
herramientas — mezcle y combine las  
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# Industry Applications

Ampco Safety Tools are recommended for use in hazardous environments where flammable or combustible vapors, liquids, dusts or residues are present.

## Non-Sparking Applications

### Manufacturing Operations

- Ammunition, Missile and Explosives Plants
- Automotive Plants
- Bakeries
- Breweries and Distilleries
- Chemical Manufacturing
- Fabricated Metal Products
- Fertilizer Plants
- Flammable Materials Handling
- Flour Mills
- Furniture Manufacturing
- Gas Plants and Coke By-Products
- Glue Factories
- Grain Storage and Handling
- Ink Industries
- Liquefied Petroleum Gases
- Mining
- Nuclear Products
- Oil and Natural Gas
- Paint, Lacquer and Varnish Products
- Paper and Pulp Mills
- Petrochemicals
- Petroleum Refining
- Pharmaceuticals
- Pipeline Construction and Maintenance
- Plastics Manufacturing
- Propane Distributors and Bulk Plants
- Rubber Processing Operations
- Sugar Mills
- Synthetic Fiber Manufacturing



### Government and Utilities

- Aircraft and Missile Plants
- Armed Forces
- Fire Departments
- First Responders
- HAZMAT
- Nuclear Production and Waste
- Public Utilities
- Waste Management
- Water Treatment Facilities



## Transportation Industries

- Airports
- Railroads
- Shipyards
- Tankers
- Tanker Trucks



## Other Applications

- Confined Space Maintenance
- Fueling Operations
- Hazardous Materials Handling
- Maintenance and Service Operations
- Spraying, Finishing and Booth Operations
- Tank Maintenance



## Non-Magnetic Applications

- Aircraft Maintenance and Overhaul
- Aluminum and Other Metal Smelting
- Electronics Manufacturing
- Hospitals and Clinics (MRI Maintenance)
- Mine Sweepers
- Nuclear Products and Testing Machines
- Precision Magnetic Equipment
- Radar Transmission Centers



## Corrosion Resistant

- Canners
- Chemical Manufacturing
- Desalination Plants
- Food Products Manufacturing
- Insulation Manufacturing
- Laboratories
- Paper and Pulp Mills
- Petrochemicals
- Pharmaceuticals
- Plastics Manufacturing
- Shipyards
- Tankers, Vessels and Work Boats
- Wine Industry Operations





Ampco Safety Tools  
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