



3C-SoftGrip



TitaniumFinish



TouchGrip

Pliers collection Colección de **alicates** Coleção de alicates

HIGHTECH



Made in Germany

The industrial pliers line

made of special steel, forged and oil hardened, with inductive hardened cutting edges, with free of glare and reflexion titanium finish. Maximum grip and ergonomics grace to "soft-grip" handles of the latest **3-component** technology, with impact protection.

La línea de alicates industriales

fabricados en acero especial, forjado, templado al aceite, con cortes de precisión endurecidos por inducción, con acabado titanium antirreflejo, mangos 3-componentes "Soft-Grip". Máximo agarre y ergonomía gracias a mangos "soft-grip" de la última tecnología de **3 componentes**, con protección contra impactos.

A linha de alicates industriais

feitos em aço especial, forjados and oil hardened, com cortes de precisão endurecidos por indução, com acabamento em titânio sem reflexo. Máxima aderência e ergonomia, graças ao punhos "soft-grip" lida com a mais recente tecnologia **3-componente**, com proteção contra impacto.

ergokraft

Ergonomic 2 components grip

for maximal grip comfort and optimal power transmission, made of chrome-vanadium steel, chromed, mirror polished.

Mango bimaterial ergonómico

para una utilización más confortable y fuerza óptima, en acero cromo-vanadio, cromado, pulido brillante.

Punhos ergonómicos de 2 componentes

para máximo conforto e poder de transmissão brilhante, em aço cromo-vanadium, cromado, polida.



Combination pliers

Alicate universal

Alicate universal

Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4271-165	10	4.0	2.0	165
4271-180	12	5.2	2.2	180
4271-205	13	5.9	2.5	205

Ergonomic combination pliers 45° - heavy duty

- With 45° angle head for muscle and tendon gentle working grace to the straight posture of the hand at gripping, turning and pulling.
- Higher torque by the leverage effect of the angle.

Alicate universal ergonómico 45° - para industria

- Con cabeza angular 45°, cuidando los musculos y los tendones gracias a la postura recta de la mano al agarrar, girar y tirar.
- Mayor fuerza por el efecto del ángulo.

Alicate universal ergonómica 45° - trabalho pesado

- Com cabeça angular de 45° para um trabalho ergonómico graças a posição direita da mão quando aperta, vira e puxa.
- Elevado torque devido ao efeito de alavanca.



Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4201-200P	13	2.5	5.9	200

Combination pliers

Alicate universal

Alicate universal

Art.	L mm
3281-160	160
3281-180	180
3281-200	200



Video
KRAFTWERKtools.com/video/4201-05P

ergokraft



Combination pliers

Alicate universal

Alicate universal

Art.	L mm
1281-180	180

Side cutting nippers

Alicate de corte diagonal

Alicate de corte diagonal

Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4272-145	8	5	1.7	145
4272-160	11	6	2.0	160
4272-180	13	7	2.5	180

Electrician side cutting nippers

Alicate de corte diagonal para electricista

Alicate de corte diagonal de electricista



- A** crimping
prensar
prensagem
- B** stripping
pelar
descaramento
1.5-2.5 mm²
- C** cutting
cortar
corte
- D** bending
doblar
dobra

Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4272-190	4	2	1	190

Side cutting nippers

Alicate de corte diagonal

Alicate de corte diagonal

Art.	L mm
3282-140	140
3282-160	160

JUNIOR Line



DIN ISO 5746



220 N/mm²



1800 N/mm²

NEW
NUEVO
NOVO



DIN ISO 5749



220 N/mm²



1800 N/mm²

NEW
NUEVO
NOVO



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DIN ISO 5749

Side cutting nippers

Alicate de corte diagonal

Alicate de corte diagonal

Art.	L mm
1282-160	160 mm



High leverage side cutting nippers

Alicate de corte diagonal extra fuerte

Alicate de corte diagonal de alto desempenho

Art.	M Ø mm	H Ø mm	P Ø mm	L mm
4273-180	3.7	2.6	2.2	180
4273-200	4.0	2.8	2.5	200



Heavy duty lever side cutting nippers

Extremely easy cutting with little strain grace to the ideal transmission of force with double-hinged design.

Alicate de corte diagonal extra fuerte con efecto de palanca

Corte extremadamente fácil con reducido esfuerzo debido a la transmisión óptima de fuerza por el diseño de doble articulación.

Alicate de corte diagonal de alto desempenho

Corte extremamente fácil com pouco esforço devido a transmissão ideal de força com o design de articulação dupla.



Art.	M Ø mm	H Ø mm	P Ø mm	L mm
4274-200	4.5	3.5	3.0	200



High leverage side cutting nippers
Alicate de corte diagonal extra fuerte
Alicate de corte lateral

Art.	L mm
3283-180	180



Heavy duty lever end cutting nippers
Extremely easy cutting with little strain grace to the ideal transmission of force with double-hinged design.

Alicate de corte frontal extra fuerte con efecto de palanca

Corte extremadamente fácil con reducido esfuerzo debido a la transmisión óptima de fuerza por el diseño de doble articulación.

Alicate de corte frontal de alto desempenho

Corte extremamente fácil com pouco esforço devido a transmissão ideal de força com o design de articulação dupla.



750 N/mm²



1800 N/mm²



2300 N/mm²



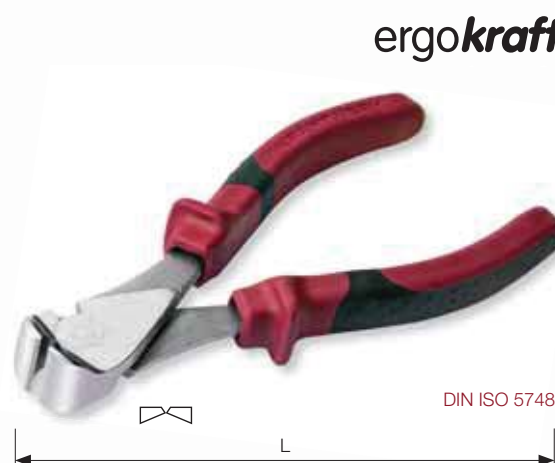
+ 150% POWER



Art.	C Ø mm	M Ø mm	H Ø mm	L mm
4214-200	4.5	4.0	3.5	200

End cutting nippers
Alicate de corte frontal
Alicate de corte frontal

Art.	L mm
3284-160	160



Long nose pliers

Alicate de manipulación

Alicate de ponta semi-redonda

Art.	C Ø mm	H Ø mm	L mm
4275-170	2.5	1.6	170
4275-205	3.9	2.2	205

Multifunction long nose pliers 45°

- With 45° angle head for muscle and tendon gentle working grace to the straight posture of the hand at gripping, turning and pulling.
- Higher torque by the leverage effect of the angle.

Alicate de manipulación multifuncional 45°

- Con cabeza angular 45°, cuidando los musculos y los tendones gracias a la postura recta de la mano al agarrar, girar y tirar.
- Mayor fuerza por el efecto del ángulo.

Alicate de ponta semi-redonda multi-função 45°

- Com cabeça angular de 45° para um trabalho ergonómico graças a posição direita da mão quando apertar, vira e puxa.
- Elevado torque devido ao efeito de alavanca.



Art.	K mm²	K Ø mm	C Ø mm	H Ø mm	L mm
4205-200P	1.5-2.5	13	5.9	2.5	200

Long nose pliers

Alicate de manipulación

Alicate de ponta semi-redonda

Art.	L mm
3285-160	160
3285-200	200

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DIN ISO 5745

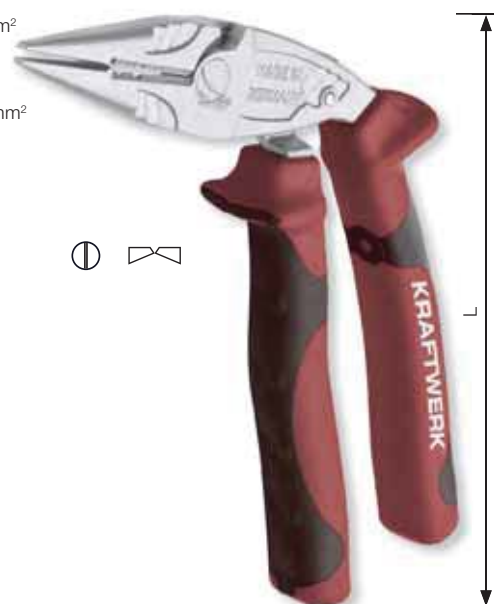
HIGHTECH

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220 N/mm²

1800 N/mm²



Video

[KRAFTWERKtools.com/video/4201-05P](https://www.kraftwerktools.com/video/4201-05P)

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DIN ISO 5745

Long nose pliers

Alicate de manipulación

Alicate de ponta semi-redonda

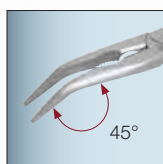
Art.	L mm
1285-200	200



Long nose pliers, angled 45°

Alicate de manipulación, angular 45°

Alicate de ponta semi-redonda, angular 45°



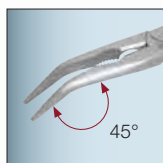
Art.	C Ø mm	H Ø mm	L mm
4276-205	3.9	2.2	205



Long nose pliers, angled 45°

Alicate de manipulación, angular 45°

Alicate de ponta semi-redonda, angular 45°



Art.	L mm
3286-200	200



Special double X pliers set

with 2 extra long nose pliers, straight and 45°.
Double-X-system for an optimal power transmission.

Juego alicates especiales doble X

con 2 alicates de manipulación extra largos, recto y 45°.
Sistema doble-X- para una óptima transmisión de fuerza.

Conjunto de alicates especiais duplo X

com 2 alicates de pontas extra longas, direitas e a 45°.
Sistema Duplo-X para uma excelente transmissão de força.



Art.	L mm
30001	330



Flat nose pliers

Alicate con bocas planas

Alicate de pontas planas

Art.	L mm
4277-160	160

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Flat nose pliers

Alicate con bocas planas

Alicate de pontas planas

Art.	L mm
3287-160	160

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Round nose pliers

Alicate con bocas redondas

Alicate de pontas redondas

Art.	L mm
4278-160	160

Round nose pliers

Alicate con bocas redondas

Alicate de pontas redondas

Art.	L mm
3288-160	160

Wire stripping pliers

Alicate pelacables

Alicate descarnador de fio

Art.	K mm ²	K Ø mm	L mm
4279-160	0.5 - 10	5	160

SicherheitsClip für alle **HIGHTECH** Zangen.

Clip de sécurité pour des pinces **HIGHTECH**.

Clip di sicurezza per tutte le pinze **HIGHTECH**.

Lanyard

Colgador Racing

Fita Porta-Chaves Racing KRAFTWERK

Art.
4270-01
90152

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DIN ISO 5745

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DIN ISO 5745

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Made in Germany



DIN ISO 5232



Art. 4270-01

Art. 90152

Multifunction wire stripping pliers
Alicate pelacables multifuncional
 Alicate descarnador de fio multifunções



Art.	K mm ²	K Ø mm	C Ø mm	H Ø mm	L mm
4279-180	5-16	11	6	2	180

Wire stripping pliers
Alicate pelacables
 Alicate descarnador de fio

Art.	K mm ²	K Ø	L mm
3289-160	0.5 - 10	5	160

Wire stripping pliers
Alicate pelacables
 Alicate descarnador de fio

Art.	L mm
1289-160	160

Pliers set
Juego de alicates
 Jogo de alicates



DIN ISO 5746

180 mm

Art. 3281-180



DIN ISO 5749

160 mm

Art. 3282-160



DIN ISO 5745

200 mm

Art. 3285-200



DIN ISO 8976

250 mm

Art. 2221-250



Art.
3292



220 N/mm²



1800 N/mm²

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DIN ISO 5745

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DIN ISO 5232

JUNIOR line



DIN ISO 5232

4
 PCS

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Universal pliers set

in solid blow mould case

Juego universal de alicates

en estuche sólido plástico

Jogo universal de alicates

em mala de plástico sólido

	DIN ISO 5746	180 mm	Art. 3281-180
	DIN ISO 5749	160 mm	Art. 3282-160
	DIN ISO 5749	180 mm	Art. 3283-180
	DIN ISO 5745	200 mm	Art. 3285-200
	DIN ISO 5232	160 mm	Art. 3289-160
	DIN ISO 8976	250 mm	Art. 2221-250
	DIN ISO 9242	280 mm	Art. 2217-280
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			

Art.

3267

12
PCS

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NOVO



365 x 300 x 65 mm

Isolated combination pliers 1000 V

Alicate universal aislado 1000 V

Alicate universal isolado 1000 V



1000 V
IEC 60900

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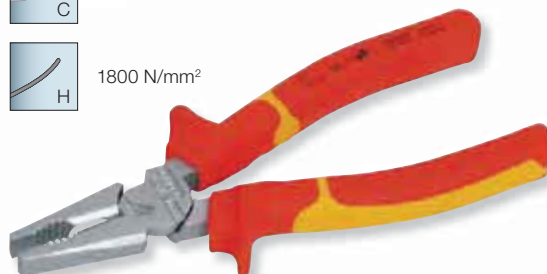
Made in Germany



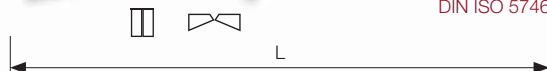
220 N/mm²



1800 N/mm²



DIN ISO 5746



Isolated combination pliers 1000 V

Alicate universal aislado 1000 V

Alicate universal isolado 1000 V



1000 V
IEC 60900

ergokraft



DIN ISO 5746



Isolated side cutting nippers 1000 V
Alicate de corte diagonal aislado 1000 V
Alicate de corte diagonal isolado 1000 V

Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4212-160	11	6.0	2.0	160
4212-180	13	7.0	2.5	180



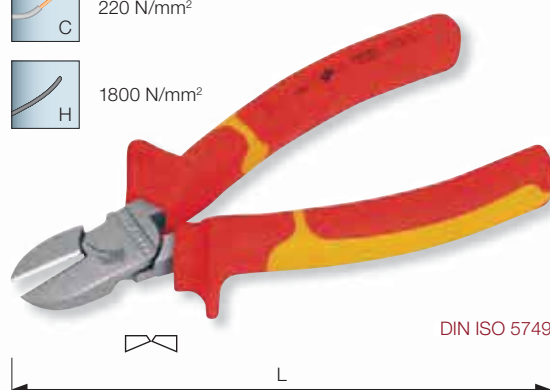
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220 N/mm²



1800 N/mm²



DIN ISO 5749

Isolated side cutting nippers 1000 V
Alicate de corte diagonal aislado 1000 V
Alicate de corte diagonal isolado 1000 V

Art.	L mm
3282-160V	160



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DIN ISO 5749

Isolated high leverage side cutting nippers
1000 V
*Alicate de corte diagonal extra fuerte aislado
1000 V*
*Alicate de corte diagonal de alta multiplicação
isolado 1000 V*

Art.	H Ø mm	P Ø mm	L mm
4213-180	2.6	2.2	180
4213-200	2.8	2.5	200



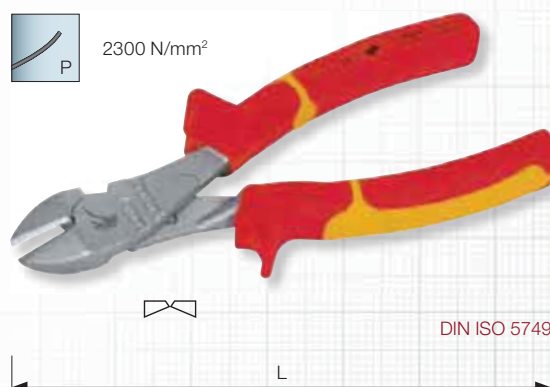
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1800 N/mm²



2300 N/mm²



DIN ISO 5749

Isolated long nose pliers 1000 V

Alicate de manipulación aislado 1000 V

Alicate de ponta semi-redonda isolado 1000 V



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220 N/mm²



1800 N/mm²



Art.	C Ø mm	H Ø mm	L mm
4215-205	3.9	2.2	205

Isolated long nose pliers 1000 V

Alicate de manipulación aislado 1000 V

Alicate de ponta semi-redonda isolado 1000 V



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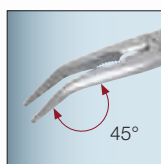


Art.	L mm
3285-200V	200

Isolated long nose pliers, angled 45° 1000 V

*Alicate de manipulación, angular 45°,
aislado 1000 V*

Alicate de ponta semi-redonda, angular 45°,
isolado 1000 V



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220 N/mm²



1800 N/mm²



Art.	C Ø mm	H Ø mm	L mm
4216-205	3.9	2.2	205

Isolated wire stripping pliers 1000 V
Alicate pelacables aislado 1000 V
 Alicate descarnador de fio isolado 1000 V



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DIN ISO 5232

Art.	K mm ²	K Ø mm	L mm
4219-160	0.5 - 10	5	160

Isolated wire stripping pliers 1000 V
Alicate pelacables aislado 1000 V
 Alicate descarnador de fio isolado 1000 V



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DIN ISO 5232

Art.	K mm ²	K Ø mm	L mm
3289-160V	0.5 - 10	5	160

Isolated cable-cutter 1000 V
Alicate cortacables aislado 1000 V
 Alicate corta-cabo isolado 1000 V



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Art.	K mm ² Al + Cu	K Ø Al + Cu	L Ø mm
4210-160	50	16	160
4210-210	70	25	210

Isolated water pump pliers 1000 V

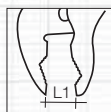
Tenaza para bomba de agua aislada 1000 V

Alicate bomba de água isolado 1000 V



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Art.	L1 mm	L2 mm
4220-250	50	250



Electronic linesman pliers

Alicate universal electrónica

Alicate universal eletrônico

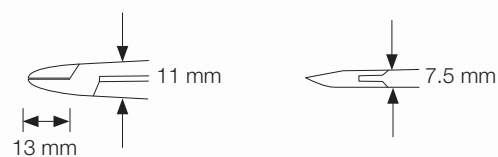
Art.	L mm
2236	110



Electronic side cutting nippers

Alicate electrónica de corte diagonal

Alicate eletrônico de corte diagonal



Art.	C Ø mm	H Ø mm	P Ø mm	L mm
4235-115	1.2	0.6	0.4	115



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220 N/mm²



1800 N/mm²



2300 N/mm²



Electronic round head side cutting nippers
Alicate electrónica de corte diagonal, rasante
Alicate eletrônico de corte diagonal, cabeça redonda

Art.	L mm
2234	110



Electronic triangle head side cutting nippers
Alicate electrónica de corte diagonal, semirasante
Alicate eletrônico de corte diagonal, cabeça triângulo

Art.	L mm
2235	105



Electronic end cutting nippers
Alicate electrónica de corte frontal
Alicate eletrônico de corte lateral

Art.	L mm
2237	100



Electronic plain long nose pliers

*Alicate electrónica de manipulación,
bocas lisas*

Alicate eletrônico de pontas semi-redondas
suaves



Art.	L mm
4233-115	115



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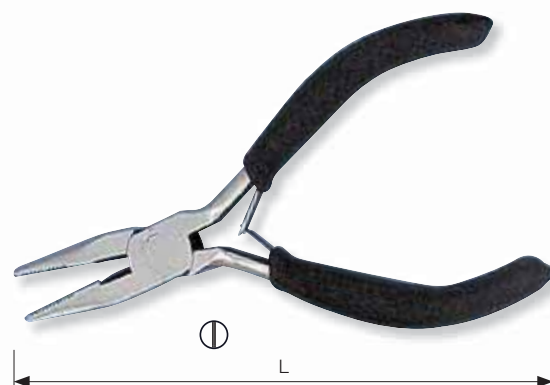


Electronic long nose pliers

*Alicate electrónica de manipulación,
bocas largas*

Alicate eletrônico de pontas semi-redondas

Art.	L mm
2231	120

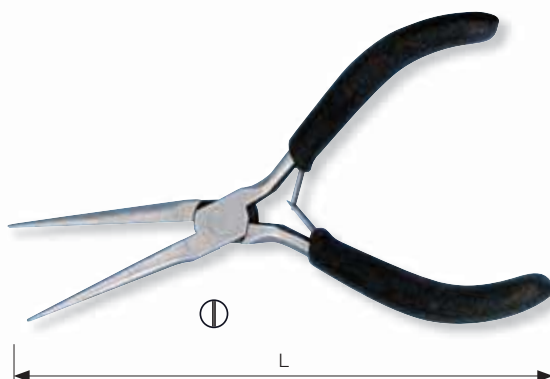


Electronic extra long nose pliers

*Alicate electrónica de manipulación,
bocas extra-largas*

Alicate eletrônico de pontas semi-redondas
longas

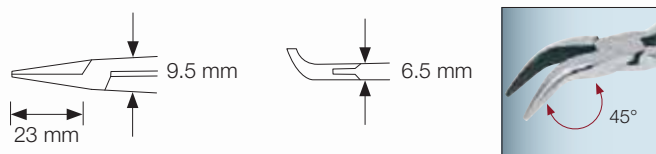
Art.	L mm
2232	150



Electronic plain long nose pliers, angled 45°

*Alicate electrónica de manipulación,
angular 45°, bocas lisas*

Alicate eletrônico de pontas semi-redondas
suaves, angular 45°



Art.	L mm
4234-115	115



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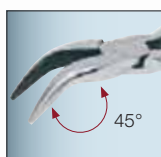
Made in Germany



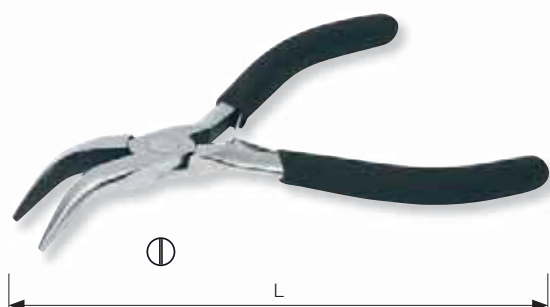
Electronic long nose pliers, angled 45°

*Alicate electrónica de manipulación,
angular 45°*

Alicate eletrônico de pontas semi-redondas,
angular 45°



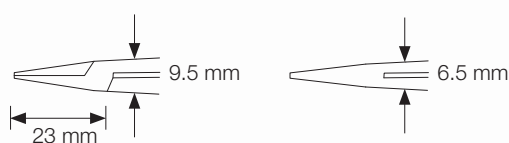
Art.	L mm
2238	115



Electronic plain flat nose pliers

Alicate electrónica con bocas planas lisas

Alicate eletrônico de pontas planas suaves



Art.	L mm
4231-115	115



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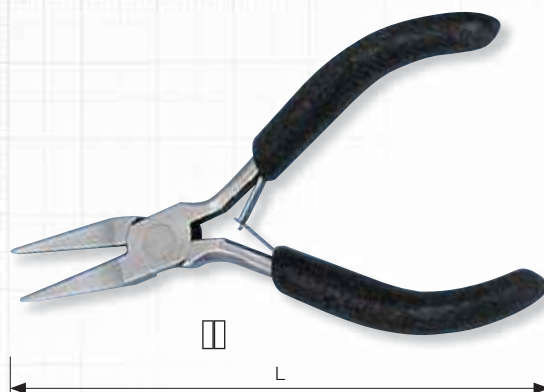


Electronic flat nose pliers

Alicate electrónica con bocas planas

Alicate eletrônico de pontas planas

Art.	L mm
2233	120



Electronic round nose pliers

Alicate electrónica con bocas redondas

Alicate eletrônico de pontas redondas



Art.	L mm
4232-115	115



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Carpenter's pincers

Tenaza para carpintero

Turquês de carpinteiro

Art.	L mm
4242-180	180
4242-210	210
4242-250	250



DIN ISO 9243

Carpenter's pincers

Tenaza para carpintero

Turquês de carpinteiro

Art.	L mm
2216-180	180
2216-200	200



DIN ISO 9243

High leverage tower pincers
Tenaza de encofrador extra fuerte
 Turquês de carpinteiro de alto desempenho

Art.	C Ø mm	M Ø mm	H Ø mm	L mm
4241-230	4.2	3.4	2.4	230
4241-260	4.2	3.8	2.6	260
4241-300	4.2	4.0	2.8	300

 **45% POWER**

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220 N/mm²



750 N/mm²



1800 N/mm²



DIN ISO 9242

Tower pincers
Tenaza rusa
 Alicate turquesa

Art.	L mm
2217-250	250
2217-280	280



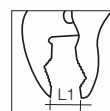
DIN ISO 9242

Water pump pliers
 with inverted security box joint

Tenaza para bombas de agua
 con articulación machihembrada de seguridad

Alicate tipo bomba de água
 com articulação de encaixe de passagem de segurança

Art.	L1 mm	L2 mm
 4223-180	40	180
4223-240	50	240
 4223-300	65	300
 4223-400	100	400



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DIN ISO 8976



Water pump pliers

with inverted security box joint and direct adjusting push-button

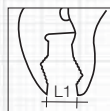
Tenaza para bombas de agua

con articulación machihembrada de seguridad y botón de presión para ajuste directo

Alicate tipo bomba de água

com articulação de encaixe de passagem de segurança e botão de pressão de ajuste

Art.	L1 mm	L2 mm
4222-180	35	180
4222-250	50	250
4222-300	65	300



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DIN ISO 8976



4Grip Water pump pliers

with inverted security box joint, direct adjusting push-button and automatic jaw adjustment = press the button, open the pliers, release the button and push the bottom jaw precisely to the workpiece! Dual serrated jaws for all kind of workpieces and nail-/wireholder. Safety protection for the fingers in every position. Compact, slim and robust.

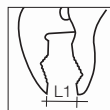
Tenazas para bombas de agua 4Grip

con articulación de encaje y bisagra de seguridad, botón de ajuste de presión y ajuste automático de la mandíbula = presione el botón, abra la pinza y posicione la boca superior en la pieza. Bocas con doble dentado para todo tipo de piezas, clavos o alambres. Protección de seguridad para dedos en cualquier posición. Compacto, fino y robusto.

Alicate tipo bomba de água 4Grip

com articulação de encaixe de passagem de segurança, botão de pressão de ajuste e ajuste automático do maxilar = pressione o botão, abra o grampo e coloque na peça. Maxilares com duplo mordentes em forma de diamante para todas as peças, pregos e arame. Proteção de aperto em cada posição. Compacto, fino e robusto.

Art.	L1 mm	L2 mm
4224-250	50	250
4224-320	75	320
4224-400	100	400
4224	Set / Juego / Jogo 4224-250 + 4224-320	250 + 320



DIN ISO + 40%

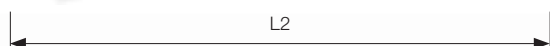
4GRIP

HIGHTECH

Made in Germany



DIN ISO 8976



2
PCS



40% > DIN ISO

drag & drop

Water pump pliers

with box joint and soft-grip handles

Tenaza para bombas de agua

con articulación machihembrada y mango soft-grip

Alicate tipo bomba de água

com articulação de encaixe de passagem e cabos soft-grip

Art.	L1 mm	L2 mm
3290-175	25	180
3290-250	32	250
3290-300	42	300
99067	Set / Juego / Jogo	180 + 250 + 300

Water pump pliers

with box joint

Tenaza para bombas de agua

con articulación machihembrada

Alicate tipo bomba de água

com articulação de encaixe de passagem

Art.	L1 mm	L2 mm
2221-180	25	180
2221-250	32	250
2221-300	42	300

Water pump pliers

five positions adjustable, heavy duty groove joint head with relief milled guide grooves (no tripping)

Tenaza ajustable doble cremallera

cinco posiciones ajustables, cabezas de gran resistencia con surcos en relieve (sin disparo)

Alicate extensível tipo bomba de água

cinco posições ajustáveis, de charneira sobreposta para trabalhos pesados, cabeça com ranhuras (sem ressalto)

Art.	L1 mm	L2 mm
2222-240	34	240

Pliers wrench

with inverted security box joint, direct adjusting push-button and swivelling, parallel gripping jaws

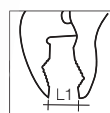
Tenaza llave

con articulación de encaje y bisagra de seguridad, botón de ajuste de presión y ajuste automático de la mandíbula

Alicate extensível tipo bomba de água

com articulação de encaixe de passagem de segurança, botão de pressão de ajuste e maxilares paralelos e móveis

Art.	L1 mm / "	L2 mm
4225-250	0-53 / 0-2	250



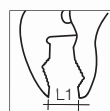
ergokraft

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DIN ISO 8976

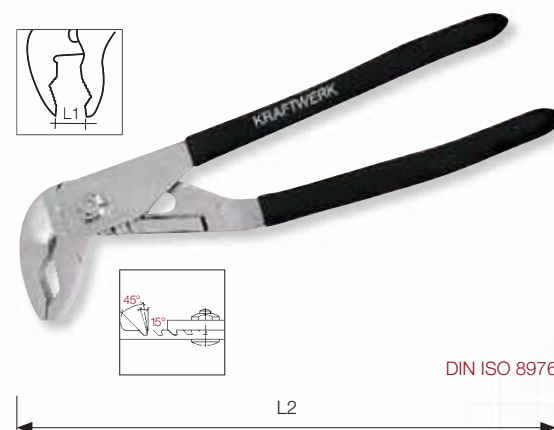
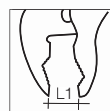
3
PCS



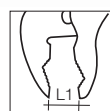
JUNIOR line



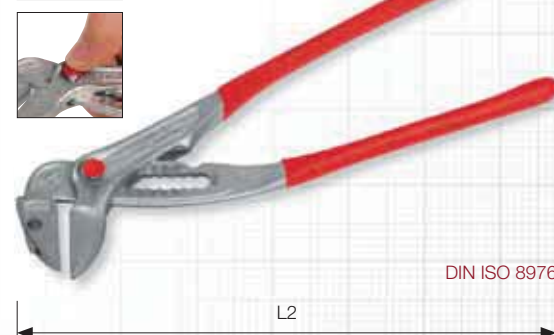
DIN ISO 8976



DIN ISO 8976



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DIN ISO 8976

Swedish pattern pipe wrench

head 45°, angled S-type jaw

Llave grifa modelo sueco

cabeza 45°, dentado en "S"

Chave de tubos tipo sueca

cabeça 45°, mordente "S"

Art.	L1 inch	L2 mm
5406-320	1"	320
5406-420	1-1/2"	420
5406-540	2"	540



Stillson pattern pipe wrench

Llave grifa modelo Stillson

Chave de tubos tipo Stillson

Art.	L1 inch	L2 mm
5405-200	8"	200
5405-250	10"	250
5405-300	12"	300
5405-350	14"	350
5405-450	18"	450
5405-600	24"	600
5405-900	36"	900



Circlips pliers

for external rings, opening straight tips, with spring

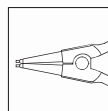
Alicate para arandelas

exteriores, puntas abiertas y rectas

Alicate de freios

exteriores, pontas direitas abertas, com mola

Art.	Typ / mm	Ø mm	L1 mm
4252-A0	A0 / 3-10	0.9	135
4252-A1	A1 / 10-25	1.3	135
4252-A2	A2 / 19-60	1.8	175
4252-A3	A3 / 40-100	2.3	220
4252-A4	A4 / 85-165	3.2	310



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Made in Germany

Circlips pliers

for external rings, opening straight tips, with spring

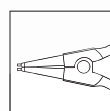
Alicate para arandelas

exteriores, puntas abiertas y rectas

Alicate de freios

exteriores, pontas direitas abertas, com mola

Art.	Typ / mm	Ø mm	L1 mm
2212-A2	A2 / 19-60	1.8	180



Circlips pliers

for external rings, opening 90° bent tips, with spring

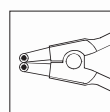
Alicate para arandelas

exteriores, puntas abiertas y curvas en ángulo de 90°

Alicate de freios

exteriores, pontas angulares de 90° abertas

Art.	Typ / mm	Ø mm	L1 mm
4253-A01	A01 / 3-10	0.9	125
4253-A11	A11 / 10-25	1.3	125
4253-A21	A21 / 19-60	1.8	165
4253-A31	A31 / 40-100	2.3	200
4253-A41	A41 / 85-165	3.2	290



Circlips pliers

for external rings, opening 90° bent tips, with spring

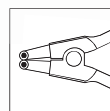
Alicate para arandelas

exteriores, puntas abiertas y curvas en ángulo de 90°

Alicate de freios

exteriores, pontas angulares de 90° abertas

Art.	Typ / mm	Ø mm	L1 mm
2213-A21	A21 / 19-60	1.8	165



Circlips pliers

for internal rings, closing straight tips

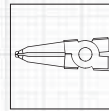
Alicate para arandelas

interiores, puntas cerradas y rectas

Alicate de freios

interiores, pontas direitas fechadas

Art.	Typ / mm	Ø mm	L1 mm
4254-J0	J0 / 8-13	0.9	135
4254-J1	J1 / 12-25	1.3	135
4254-J2	J2 / 19-60	1.8	175
4254-J3	J3 / 40-100	2.3	220
4254-J4	J4 / 85-165	3.2	310



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DIN 5256C

Circlips pliers

for internal rings, closing straight tips

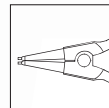
Alicate para arandelas

interiores, puntas cerradas y rectas

Alicate de freios

interiores, pontas direitas fechadas

Art.	Typ / mm	Ø mm	L1 mm
2214-J2	J2 / 19-60	1.8	180



DIN 5256C

Circlips pliers

for internal rings, closing 90° bent tips

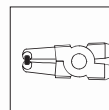
Alicate para arandelas

interiores, puntas cerradas y curvas en ángulo de 90°

Alicate de freios

interiores, pontas angulares de 90° fechadas

Art.	Typ / mm	Ø mm	L1 mm
4255-J01	J01 / 8-13	0.9	125
4255-J11	J11 / 12-25	1.3	125
4255-J21	J21 / 19-60	1.8	165
4255-J31	J31 / 40-100	2.3	200
4255-J41	J41 / 85-165	3.2	290



HIGHTECH

Made in Germany



DIN 5256D

Circlips pliers

for internal rings, closing 90° bent tips

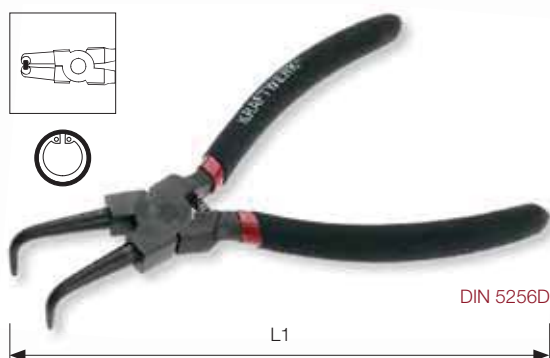
Alicate para arandelas

interiores, puntas cerradas y curvas en ángulo de 90°

Alicate de freios

interiores, pontas angulares de 90° fechadas

Art.	Typ / mm	Ø mm	L1 mm
2215-J21	J21 / 19-60	1.8	165



DIN 5256D

HIGHTECH

Made in Germany

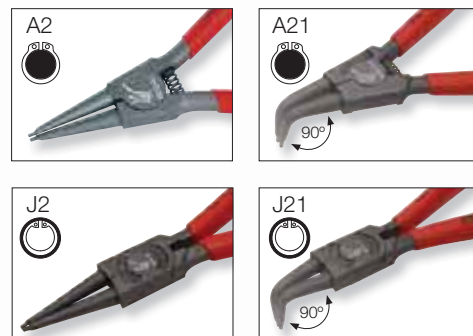
Circlips pliers set

Juego de alicates para arandelas

Jogo de alicates de freios

Art.	content / contiene / contém
4286	4252-A2, 4253-A21, 4254-J2, 4255-J21

4
PCS



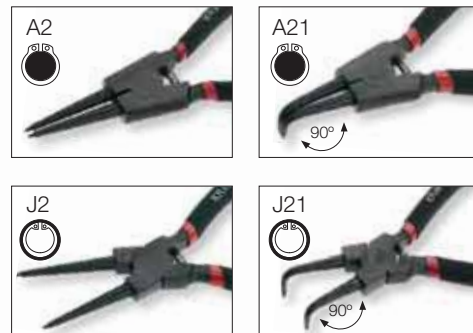
Circlips pliers set

Juego de alicates para arandelas

Jogo de alicates de freios

Art.	bestehend aus / composé de / composto da
2212	2212-A2, 2213-A21, 2214-J2, 2215-J21

4
PCS



Combined 4-in-1 circlips pliers

for external and internal circlips from 10 to 50 mm, with 4 tip-heads for 180°, 90°, 45° to be changed within seconds, for 6 different applications.

Alicate combinado 4-en-1 para arandelas

exteriores e interiores de 10 a 50 mm con 4 cabezas de puntas de 180°, 90°, 45°. Cambio de cabezas en segundos para 6 usos diferentes.

Alicate combinado 4-em-1 para freios

exteriores e interiores de 10 a 50 mm com 4 cabeças de ponta para 180°, 90°, 45°. Trocando cabeças em segundos para 6 aplicações diferentes.

Art.	Typ / mm	Ø mm	L1 mm
2211	A1-A2, J1-J2 / 10-50 mm	1.35	155

4
PCS



Special double X circlips pliers set

2 extra long circlips pliers for internal and external circlips, with 10 pairs of exchangeable tips. Double-X-system for an optimal power transmission.

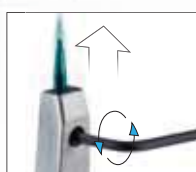
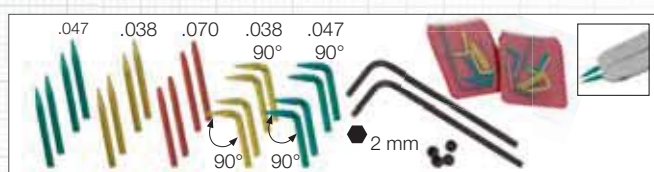
Juego alicates especiales doble X para arandelas

2 alicates extra largos para arandelas interiores y exteriores, con 10 pares de puntas intercambiables. Sistema doble-X- para una óptima transmisión de fuerza.

Conjunto alicates especiais Duplo X para anéis de fixação

2 alicates extra longos para freios interiores e exteriores, com 10 pares de pontas intercambiáveis. Sistema Duplo-X para uma excelente transmissão de força.

Art.	L mm
30006	340



Hose clip pliers

Alicate para racores

Alicate para abraçadeiras

Art.	L mm
4251-175	175



HIGHTECH
Made in Germany

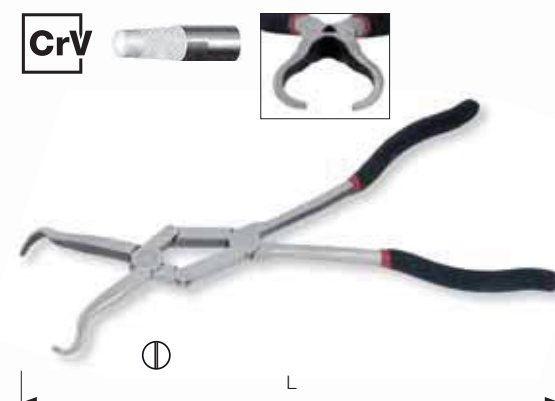


Special double X hose clamp pliers

Pinza especial doble X para tubos

Alicate especial Duplo X para mangueiras

Art.	Ø	L mm
30007	5/16" / 8 mm	340
30008	1/2" / 12.7 mm	335
30009	3/4" / 19 mm	335



Tire balancing wheel weight plier
Alicate para el equilibrado de ruedas
 Alicate para pesos

Art.	L mm
4256-240	240



HIGHTECH
 Made in Germany

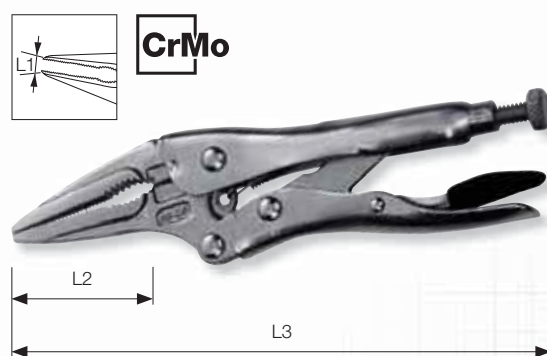
Curved jaws locking pliers
Tenaza grip de bocas curvas
 Alicate de pressão maxilas côncavas

Art.	L1 mm	L2 mm / inch
3292-175	43	max. 175 / 7"
3292-250	58	max. 250 / 10"



Long nose locking grip pliers
Tenaza grip de bocas largas
 Alicate de pressão bicos longos

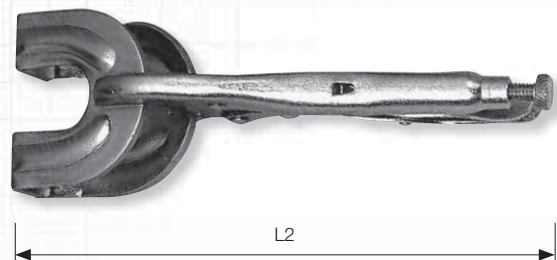
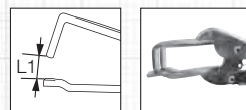
Art.	L1 mm	L2 mm	L3 mm / inch
3292-150	50	45	max. 150 / 6"



Locking welding clamp

Tenaza grip para soldador

Alicate de pressão para soldadura

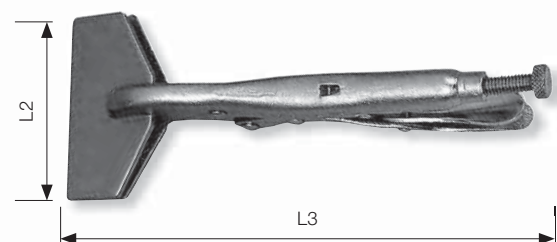
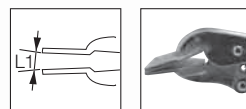


Art.	L1 mm	L2 mm / inch
2252-225	41	max. 225 / 9"

Sheet metal clamp

Tenaza grip para chapa

Alicate de pressão para latoeiros

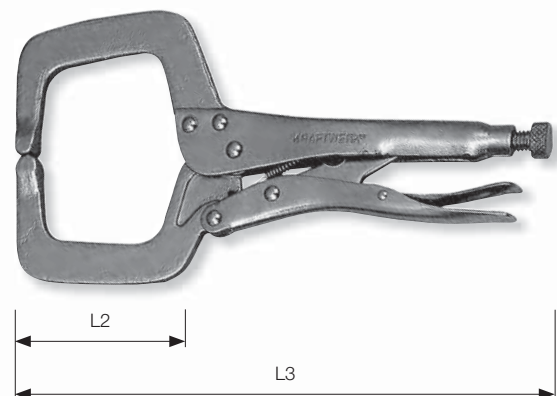
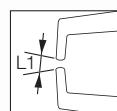


Art.	L1 mm	L2 mm	L3 mm / inch
2253-200	48	79	max. 200 / 8"

Locking "C"- clamp pliers

Mordaza grip de cuello de cisne

Alicate de pressão pescoço de cisne



Art.	L1 mm	L2 mm	L3 mm / inch
2254-275	95	95	max. 275 / 11"

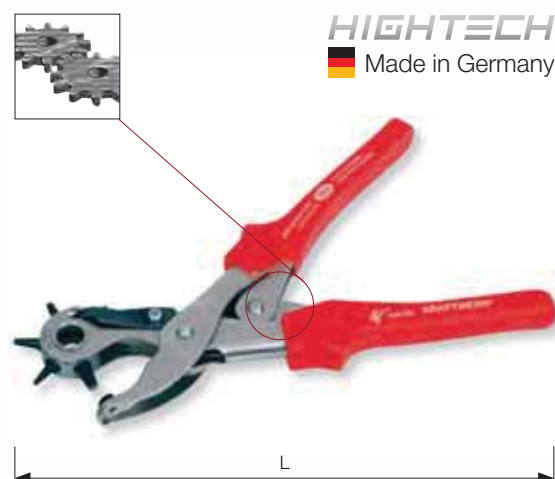
Revolving punch pliers
Pinza sacabocados de revolver
 Alicate vazador

Art.	Ø mm	L mm
4248-220	2 - 4,5	220



Lever action revolving punch pliers
*Pinza sacabocados de revolver
 con función carraca*
 Alicate vazador com função roquete

Art.	Ø mm	L mm
4248-250	2 - 4,5	250



Revolving punch and eyelet pliers
Pinza de sacabocados y ojales de revolver
 Alicate vazador e colocação de olhais

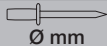
Art.	Ø mm	L mm
4249-220	4 - 5	220



Hand riveter

Remachadora manual

Alicate de rebitar manual

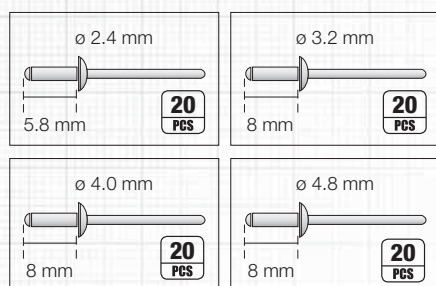
Art.	 Ø mm	L mm
2223	2.4-3.2-4.0-4.8	250

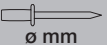


Hand riveter set

Kit remachadora manual

Conjunto de alicates de rebitar manual



Art.	 Ø mm	 pcs.
2224	2.4-3.2-4.0-4.8	20



Nozzle for hand riveter

Boquilla para remachadora manual

Nariz para alicate de rebitar manual

Art.	Ø mm
2223-2.4	2.4
2223-3.2	3.2
2223-4.0	4.0
2223-4.8	4.8

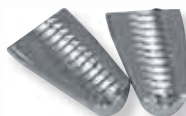


Pair of jaws for hand riveter

Par de mordazas para remachadora manual

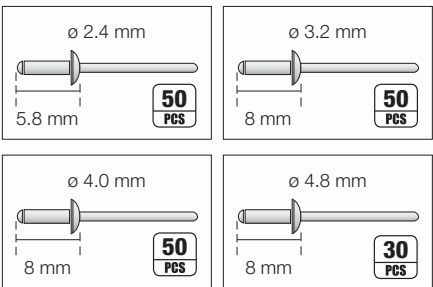
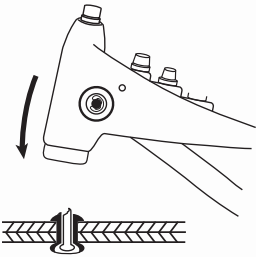
Par de garras para alicate de rebitar manual

Art.
2223-01



Industrial hand riveter tool case
Estuche remachadora manual industrial
 Kit de alicates de rebitar manual industrial

Alu steel inox HIGHTECH



320 x 148 x 48 mm

Art.	Ø mm
4261	2.4-3.2-4.0-4.8

Nozzle for hand riveter
Boquilla para remachadora manual
 Nariz para alicate de rebitar manual

Art.	Ø mm
4261-1	2.4
4261-2	3.2
4261-3	4.0
4261-4	4.8



Pair of jaws for hand riveter
Par de mordazas para remachadora manual
 Par de garras para alicate de rebitar manual

Art.
4261-5



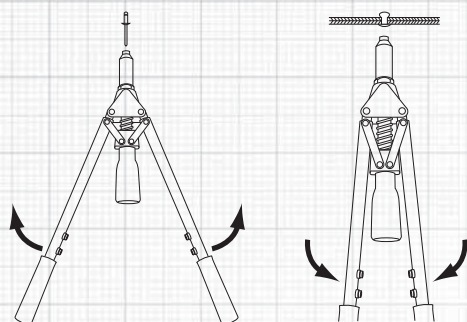
Industrial lever type hand riveter tool case
Estuche remachadora manual con efecto de palanca
Kit de alicata de rebitar de brazos industrial

Alu

steel

inox

HIGHTECH



575 x 185 x 52 mm

Art.	Ø mm
4262	3.2-4.0-4.8-6.0-6.4

Nozzle for hand riveter
Boquilla para remachadora manual
Nariz para alicata de rebitar manual

Art.	Ø mm
4262-1	3.2
4262-2	4.0
4262-3	4.8
4262-4	6.0
4262-5	6.4



Nozzle Monobolt for hand riveter
Boquilla Monobolt para remachadora manual
Nariz Monobolt para alicata de rebitar manual

Art.	Ø mm
4262-8	4.8/5 MB



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NUEVO
NOVO

Nozzle Monobolt for hand riveter
Boquilla Monobolt para remachadora manual
Nariz Monobolt para alicata de rebitar manual

Art.	Ø mm
4262-9	6.4mm MB



NEW
NUEVO
NOVO

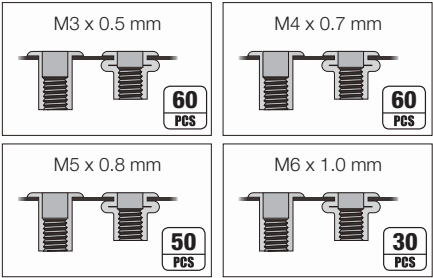
Pair of jaws for hand riveter
Par de mordazas para remachadora manual
Par de garras para alicata de rebitar manual

Art.
4262-7



Industrial hand rivet nut tool case
Estuche de remachadora de tuerca industrial
 Kit de alicate de rebitar manual industrial

Alu  inox **HIGHTECH**



Art.	
4263	M3-M4-M5-M6



320 x 148 x 48 mm

Rivet nut nozzle
Boquilla para remachadora de tuerca
 Nariz para alicate de rebitar

Art.	
4263-1	M3
4263-2	M4
4263-3	M5
4263-4	M6



Thread bolt for hand rivet nut tool
Repuesto para remachadora de tuerca
 Cabeça parafuso para alicate de rebitar

Art.	Ø
4263-5	M3
4263-6	M4
4263-7	M5
4263-8	M6



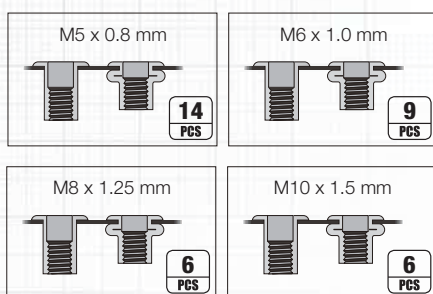
Industrial lever hand rivet nut tool kit
Estuche de remachadora de tuerca extrafuerte
Kit de alicates de rebitar de braços industrial

Alu

steel

inox

HIGHTECH



575 x 185 x 52 mm

Art.	
4264	M5-M6-M8-M10

Threaded mandrel and nose piece
Cabezal para remachadora de tuerca
Mandril e bico para alicate de rebitar de braços industrial

Art.	
4264-1	M4
4264-2	M5
4264-3	M6
4264-4	M8
4264-5	M10



Bolt cutter

with specially precisely polished heads made of chrome molybden steel. Ergonomic bi-material handles

Cortavarilla

con cabezas pulido especial, realizado en acero cromo molibdeno. Mangos ergonómicos bimateriales

Corta parafusos

com cabeças especiais polidas, fabricado em aço cromo molibdênio. Punhos ergonômicos bimateriais

Art.	15 HRC mm	35 HRC mm	L mm / inch
4260-18	8	6	450 / 18"
4260-24	10	8	600 / 24"
4260-30	13	10	750 / 30"
4260-36	16	11	900 / 36"
4260-42	18	13	1050 / 42"

Spare-head-set for bolt cutter

Recambio boca cortavarillas

Cabeça para corta parafusos

Art.	L mm / inch
4260-18E	450 / 18"
4260-24E	600 / 24"
4260-30E	750 / 30"
4260-36E	900 / 36"
4260-42E	1050 / 42"

Mini cable cutter

Juego cuchillas para cortavarillas

Mini Corta Cabos

Art.	H mm	S mm	L mm
2262-07	2.5	4.0	195

Strap wrench

Llave de correa

Chave de cinta

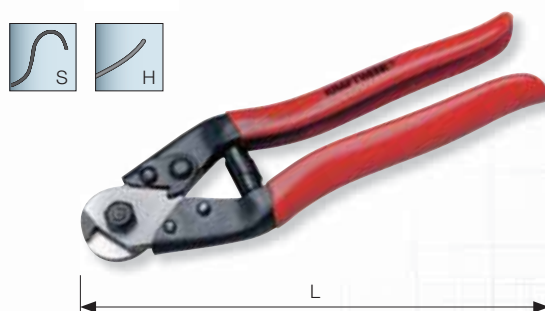
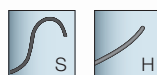
Art.	Ø mm	L mm / inch
5418-300	0 - 225mm / 9"	300 / 12"



HIGHTECH



HIGHTECH



Tube bender 3 in 1
Curvadora 3 en 1
Curvador de tubos 3 em 1

Art.	Ø	C	L mm
5451	1/4" - 3/8" Cu / Me / Al	max. 180°	225



Crimping pliers
Alicate para engastar terminales
Alicate de cravar terminais

Art.	 mm²	 mm²	L mm
2225	1.5 - 6	1.5 - 6	240



5-in-1 crimping and wire stripping pliers

GS-approved, hardened and with ground edges for professional and industrial use as:

Alicate para engastar con pelacables "5 en 1"
aprobado GS, endurecido y con bordes redondeados para su uso profesional e industrial como:

Alicate 5-em-1 cravar e descarnar
aprovação GS, endurecido para uso profissional e industrial como:

Art.	 mm²	 mm²	L mm
3290-230	1.5 - 6	1.5 - 6	230



ergokraft



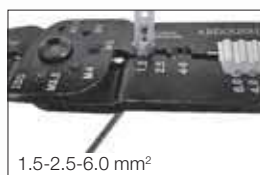
M2.6-M3.5-M4-M5

Bolt cutter
Para pernos
Corta parafusos



1.5-2.5-6.0 mm²

Crimping pliers for insulated terminals
Alicate para engastar terminales no aislados
Crava terminais isolados



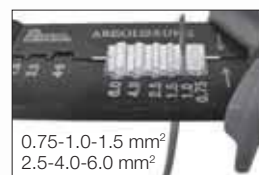
1.5-2.5-6.0 mm²

Crimping pliers for open barrel terminals
Alicate para engastar terminales abiertos
Crava terminais abertos



1.5-2.5-4.6 mm²

Wire cutter
Corta cables
Corta fios



0.75-1.0-1.5 mm²
2.5-4.0-6.0 mm²

Wire Stripper for cables
Pela cables
Descarnador de fios

Ratchet lever crimping pliers case

with interchangeable jaws including crimping jaws for insulated terminals and closed, non insulated terminals and non insulated ferrules. Empty compartments for supplementary jaws or to store terminals.

Estuche de alicates de carraca para engastar terminales

con cabezales intercambiables para terminales de cables aislados y terminales de cables sin aislar.

Compartimentos vacíos para los cabezales suplementarios y depósito de terminales.

Alicate de roquete para cravar terminais em Estojo

com cabeças intermutáveis incluindo para terminais isolados e terminais não-isolados.

Compartimentos vazios para cabeças suplementares.

Gli scomparti vuoti possono essere utilizzati per le ganasce supplementari o per i terminali non utilizzati.



Art. 3291-01
DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm²
AWG 20-18 / 16-14 / 12-10



Art. 3291-02
DIN 1.5 / 2.5 / 6 / 10 mm²
AWG 20-18 / 16-14 / 12-10 / 8
JIS 1.25 / 2 / 5.5 / 8 mm²



280 x 150 x 40 mm

Ratchet lever crimping pliers without jaw

Alicate de carraca para engastar terminales sin cabezal intercambiable

Alicate de Roquete para cravar terminais sem cabeça



Art.	incl. 	L mm
3291	1x 3291-01 1x 3291-02	220

Art.	L mm
3291-220	220

Optional crimp jaws

Bocas opcionales

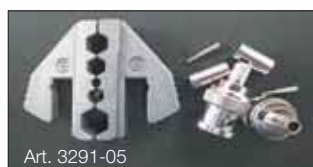
Opcional crimp morse



Art. 3291-03
DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm²
AWG 20-18 / 16-14 / 12-10



Art. 3291-04
DIN 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm²
AWG 22 / 20 / 18 / 16 / 14 / 12



Art. 3291-05
Coaxial RG 58.59.62.6.
6.48 / 5.41 / 2.5 / 1.72 / 8.23 mm²
0.255 / 0.213 / 0.1 / 0.68 / 0.324"



Art. 3291-06
DIN 6 / 10 / 16 mm²
AWG 10 / 8 / 6



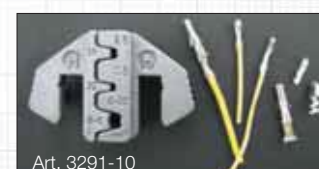
Art. 3291-07
4P4C / RJ22



Art. 3291-08
6P2C / 6P4C / RJ11
6P6C / RJ12



Art. 3291-09
8P8C / RJ45



Art. 3291-10
DIN 2.5 / 0.5 / 8-10 mm²
AWG 14 / 22 / 8-6