

# LOCKING PLIERS



# Situation

1.
  - **Local supplier (majority of the range)**
    - Financial problems
    - Huge backorders to SNAE
    - Customer penalties
    - Lack of credibility on solving the situation
  
2.
  - Competitors => **Scangrip** from Denmark (has STOPPED manufacturing)
  - **Demand** on the welding product family has **increased**
  - **60% sales in 2019 are covered by Denmark & Spain**
  
3.
  - **KSO** => is not able to cover the missing items and the demand from Scangrip models

# Assortment overview - Demands

## Locking pliers

### CURVED JAWS WITH CUTTER



- Zinc-plated
- Shape: curved jaws for general purpose
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
641-190-1	1	190	30	43	10	5	10	7	2	42	355
641-235-1	1	235	35	54	11	6	11	11	3	63	540

### STRAIGHT JAWS



- Zinc-plated
- Shape: parallel jaws for general purpose
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
642-190-1	1	190	45	58	13	10	42	6	42	390	
642-235-1	1	235	45	73	16	14	63	12	63	530	

### LONG NOSE



- Zinc-plated
- Shape: long slim jaw design. Curved section
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
643-160-1	1	165	65	27	11	3	4	23	160		

### U CLAMP



- Zinc-plated
- Shape: U-shaped locking clamp
- Retail shaped

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
944-20-4	1	200	81	70	32	70	30	30	200		

### C CLAMP



- Zinc-plated
- Shape: C-shaped locking clamp
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
644-20-1	1	200	100	100	12	9-10	9	80			

### C CLAMP WITH SWIVEL JAWS



- Zinc-plated
- Shape: C-shaped locking clamp with swivel parts which adjust themselves in parallel to the work piece
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
944-20-4	1	200	110	127	30	9	8	80	70		

## Locking pliers

### CURVED JAWS WITH CUTTER



- Shape: curved jaws for general purpose
- Soft Grip 2-component handle

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
641-160-1	1	165	7	28	100						
641-165-1	1	165	30	41	240						
641-200-1	1	200	6,5	46	325						

### LONG NOSE



- Shape: long slim jaw design
- Soft Grip 2-component handle

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
643-160-1	1	165	42	37	100						

### 4 POSITION PLIERS



- Chrome-plated for good rust protection
- Shape: with flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Application: holes most L, T & U profiles
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
641-20-1	1	200	37	30	10	10	10	10	200		

### 4 POSITION PLIERS



- Chrome-plated for good rust protection
- Shape: with flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Extra long jaws with twice as large gripping capacity compared to standard model
- Application: holes most L, T & U profiles
- Retail packed

Q	A	B	C	D	E	F	G	H	I	J	K
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
641-20-1	1	200	64	47	17	10	10	10	200		

SPANISH – LOCAL SUPPLIER

KSO SUPPLIER

## NEW MODELS DEMANDED - SCANGRIP

### Scangrip nr. 14 svejsetang

**Specifikationer**

UMRNC	2112104
Vege	852 g
Indviklings l.	2000
Indvikling	85 mm
Spændebredde min.	0 mm

### Scangrip nr. 72 svejsetang

**Specifikationer**

UMRNC	2112104
Vege	1240 g
Indviklings l.	2000
Indvikling	210 mm
Spændebredde min.	0 mm

### Scangrip small 6C universaltang

**Specifikationer**

UMRNC	2112104
Vege	350 g
Indvikling	50 mm
Spændebredde min.	0 mm

**Specifikationer**

SPAN	0-75 mm
NET WEIGHT	656 g
280 mm	
60 mm	
2500 N	

# New status since October



## Locking pliers

### 4 POSITION PLIERS



- Chrome-plated for good rust protection
- Shape: with flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Application: holds most L, T and U profiles
- Retail packed

Icon	A	B	C	D	E	F	G
647-254-1	1	235	37	59	17	10	15

### 4 POSITION PLIERS



- Chrome-plated for good rust protection
- Shape: with flat and convex jaws that can be adjusted in 4 different positions for an increased gripping capacity
- Extra long jaws with twice as large gripping capacity compared to standard model
- Application: holds most L, T and U profiles
- Retail packed

Icon	A	B	C	D	E	F	G
647-254-1	1	250	57	64	17	10	15

### CURVED JAWS WITH CUTTER



- Shape: curved jaws for general purpose
- Soft Grip two-component handle

Icon	A	B	C	D	E	F	G
648-146-1	1	140	7	28	190		
648-185-1	1	185	8,5	41	345		
648-226-1	1	225	10,5	48	325		

### LONG NOSE



- Shape: long slim jaw design
- Soft Grip two-component handle

Icon	A	B	C	D	E	F	G
648-185-1	1	165	4,2	57	110		

### SOFT GRIP PLIERS SET



- Two-component handle
- Rolling nylon pouch

Icon	A	B	C	D	E	F	G
648-4-W	1	4			1.200		

Icon	A	B	C	D	E	F	G
648-146-1, 648-185-1, 648-226-1							

### AUTOMATIC HAND VICES



- Finish: black finish
- Shape: locking clamp with movable jaw for increased flexibility and general purpose work
- Application: for production or maintenance applications and general purpose work

Icon	A	B	C	D	E	F	G
645-011	1	193	30	32	645-L075	645-H096	645-HALT
645-021	1	196	30	70	645-L120	645-H096	645-HALT
645-031	1	240	62	70	645-L120	645-H096	645-HALT
645-041	1	240	62	150	645-L200	645-H096	645-HALT

No change



# New catalogue 2020, new codes, 4 new items



## Locking pliers

UNIVERSAL, CURVED JAWS WITH WIRE CUTTER



- General purpose, holds bars and sheets, nuts and bolts
- Strong jaws, drop forged
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	G	Icon
		mm	mm	mm	mm	mm	mm	mm	mm
64A-190-1	1	190	31	40	12	0-20	7	5	2 338
64A-235-1	1	225	38	48	12	0-35	7	6	3 543

UNIVERSAL, STRAIGHT JAWS



- Holds metal sheet, small bars and thin pieces
- Strong jaws, reinforced. Drop forged
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64B-190-1	1	190	29	42	15	0-17	13	358
64B-235-1	1	225	32	54	17	0-21	13	556

## 9. Pliers – Scissors and Knives

LONG NOSE



- Long reach jaws. Drop forged
- Jaws have flat and round holding shapes
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64L-165-1	1	165	52	25	9	6	0-18	195

WELDING



- U shape jaws provides accessibility and good vision in welding jobs
- Jaws beam-shaped to increase strenght
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64W-300-1	1	263	75	70	75	70	44	832

STEEL CLAMP



- C shape to hold bulky parts
- Chrome vanadium steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64C-300-1	1	275	90	140	14	0-65	7	775

STEEL CLAMP, SWIVEL PADS



- C shape to hold bulky parts
- Swivel pads to hold non parallel and uneven parts
- Chrome vanadium steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64CA-175-1	1	175	61	90	21	0-32	5	276
64CA-300-1	1	280	95	130	28	0-72	7	835
64CA-450-1	1	460	270	150	28	0-130	7	1280

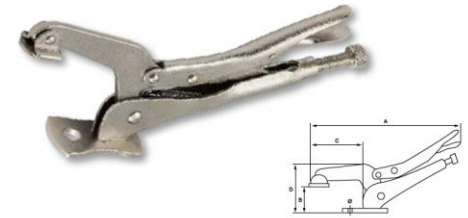
STEEL CLAMP, SWIVEL PADS, SLIM



- Long reach
- Swivel pads to hold non parallel and uneven parts
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	E	F	Icon
		mm	mm	mm	mm	mm	mm	mm
64CAD-300-1	1	282	97	81	28	0-72	7	850

TABLE C CLAMP



- Swivel pad to hold non parallel and uneven parts
- Hidden lever to avoid unwanted unlocking
- Chrome molybdenum steel
- Nickel plated

Q	Icon	A	B	C	D	Ø	Icon
		mm	mm	mm	mm	mm	mm
64T-300-1	1	300	0-80	95	90	12,4	650



# New status since October 19

- Irimo abandons zinc plated finish => nickel plated finished
- The new color is semi matt, silver looking
- Polishing degree is medium
- The product has no sharp edges in exposed areas, to prevent hand hurt, while teeth keep sharp
- The unlocking lever keeps having a European design
- The jaws are drop forged in chrome molybdenum steel
- Keep the standards in ISO – ASME B107

