

2. CONVENTIONAL TOOLS

WISE-GRIP®

The name "WISE-GRIP" is a registered trade mark of Irwin Industrial Tools Company.



Original locking pliers by WISE-GRIP®

Blacksmith William Petersen from Denmark was the first to achieve a patent for the locking pliers. Mr. Petersen founded a small factory in De Witt, Nebraska in 1924. Today, the factory has grown, employing several hundred people. His invention is treasured and used around the world both domestically and professionally. To this day, all tools manufactured by WISE-GRIP adhere to Mr. Petersen's strict policies towards craftsmanship and quality.



CAUTION

Vise grips

- Do not use this tool as a hammer.
- Do not apply strong impact on this tool by hitting it with a hammer, etc.
- Take care to avoid jamming your hands with the grip.
- Make sure that the held object is firmly locked in place before use.

LONG NOSE LOCKING PLIERS (WIRE CUTTER)

No.	L	ℓ	Width when open	Width of end tooth (A)	Screw	Spring	▼g	☒
4LN	135	36	0~44	3.1	No.91	No.92	100	5
6LN	165	45	0~57	4.0	No.51	No.52	170	5
9LN	215	61	0~76	4.7	No.21	No.22	355	5

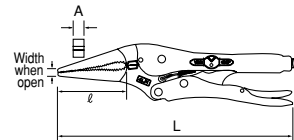


- Can be used as a wrench.



- Is extremely convenient for use in hard to reach spaces.

● LONG NOSE LOCKING PLIERS (WIRE CUTTER)

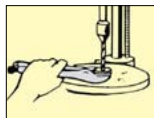


LOCKING PLIERS (WIRE CUTTER)

No.	L	Width when open	Screw	Spring	▼g	☒
4WR	115	0~23	No.91	No.92	90	5
5WR	135	0~31	No.51	No.52	230	5
7WR	175	0~41	No.21	No.22	400	5
10WR	210	0~47	No.07	No.08	595	5

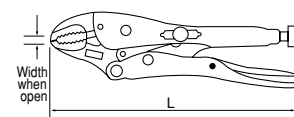


- Use the vise grip as a wire cutter.



- Make sure that items are firmly held when making holes with a drill.

● LOCKING PLIERS (WIRE CUTTER)



LOCKING PLIERS-CURVED JAW

No.	L	Width when open	Screw	Spring	▼g	☒
7CR	175	0~41	No.21	No.22	370	5
10CR	210	0~47	No.07	No.08	595	5

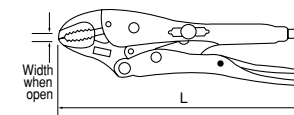


- This tool can provide leverage by firmly gripping the screwdriver.



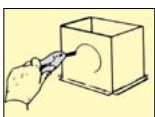
- Is beneficial for holding even small pieces in operations such as grinding.

● LOCKING PLIERS-CURVED JAW



LOCKING PLIERS-STRAIGHT JAW

No.	L	Width when open	Screw	Spring	▼g	☒
7R	175	0~28	No.21	No.22	425	5
10R	212	0~38	No.07	No.08	625	5

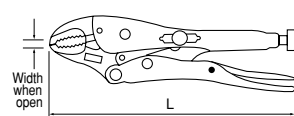


- Is beneficial for temporary use as a handle for saw blades and files, etc.



- Is beneficial as a toggle press for use in shaping, bending, twisting, and folding operations.

● LOCKING PLIERS-STRAIGHT JAW



● LOCKING PLIERS-LARGE JAW

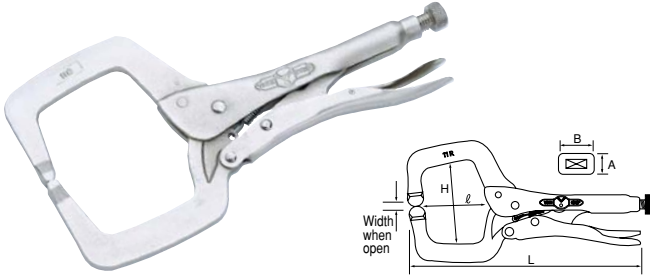


LOCKING PLIERS-LARGE JAW

No.	L	Width when open	Screw	Spring	▼g	📦
12LC	265	0~79	No.07	No.08	650	5

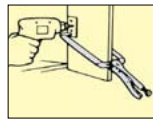
• Can be used in exhaust pipe and radiator hose replacement, etc.

● LOCKING C-CLAMP

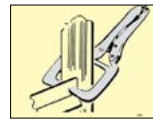


LOCKING C-CLAMP

No.	L	Width when open	ℓ	H	A	B	Screw	Spring	▼g	📦
6R	165	0~ 50	35	57	10	10	No.51	No.52	215	5
11R	260	0~ 95	63	95	11	15	No.07	No.22	825	5
18R	435	0~205	241	115	11	15	No.07	No.34	1,130	5
24R	580	0~315	393	115	11	15	No.07	No.137	1,475	5

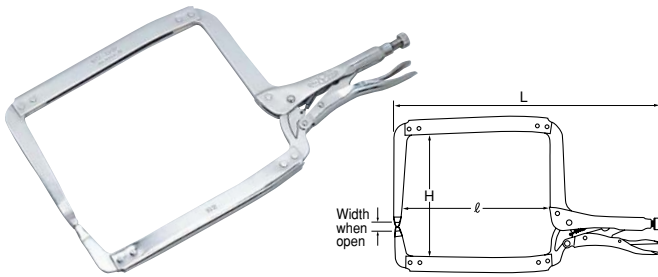


• Is beneficial for installing cabinet doors with short depth.



• Is effective for items like iron clamps.

● WIDE C-CLAMP

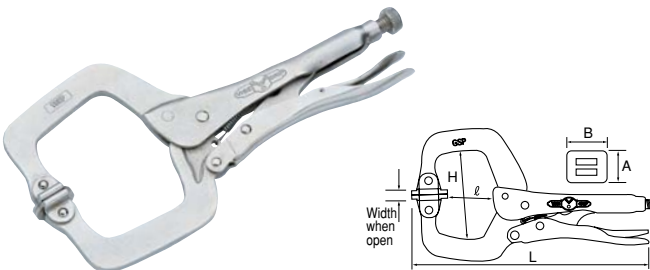


WIDE C-CLAMP

No.	L	Width when open	ℓ	H	Screw	Spring	▼kg	📦
18DR	455	0~190	240	190	No.07	No.34	1.5	1

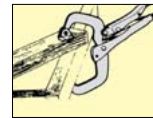
• Is effective when using fender clamps, lower panels, upper panel clamps, and back panel clamps.

● SWIVEL PAD CLAMP

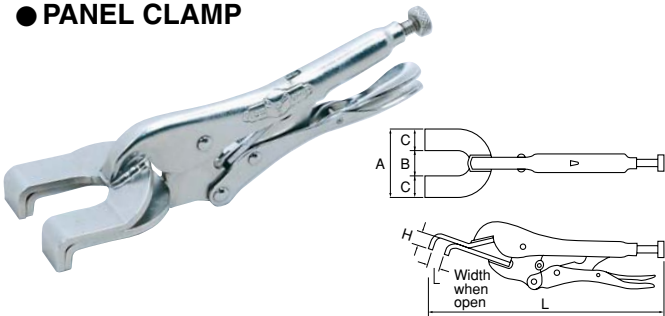


SWIVEL PAD CLAMP

No.	L	Width when open	ℓ	H	A	B	Screw	Spring	▼g	📦
4SP	135	0~ 38	25	47	17	18	No.91	No. 92	160	5
6SP	170	0~ 50	31	57	22	22	No.51	No. 52	240	5
11SP	270	0~ 95	63	95	28	29	No.07	No. 22	795	5
18SP	445	0~205	240	115	29	29	No.07	No. 34	1,135	1
24SP	590	0~315	395	115	29	29	No.07	No.137	1,475	1



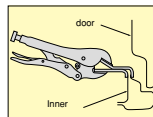
● PANEL CLAMP



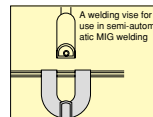
PANEL CLAMP

No.	L	Width when open	A	B	C	H	Screw	Spring	▼g	📦
9AC	230	0~9.5	69	25	22	13	No.21	No.22	300	1

• The lower jaw of the tool can be adjusted by sliding forward and backward to suit, (a width of 0~9.5 mm) and can be clamped to a panel at 90°.

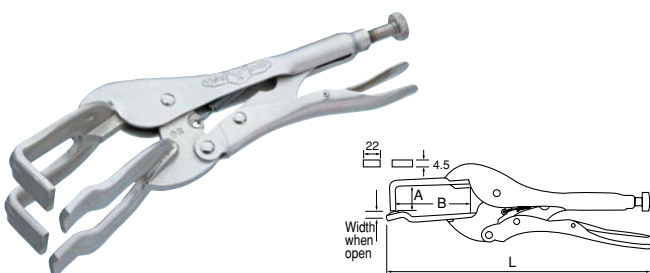


• Can be adjusted to suit the gap of closed doors.



• Start the welding process after adjusting the tool to suit the gap of the closed door.

● WELDING CLAMP



WELDING CLAMP

No.	L	Width when open	A	B	Screw	Spring	▼g	📦
9R	215	0~0	25	41	No.21	No.22	710	1



• Is suited for working with sheet metal.



• Is beneficial in rivet work.

SHEET METAL TOOL

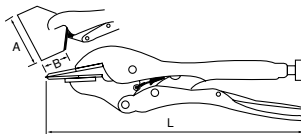
No.	L	A	B	Screw	Spring	▼g	
8R	190	79	44	No.21	No.22	540	1



• Is beneficial for end-bending work.



• Is beneficial for double layered folding and bending work.



● SHEET METAL TOOL

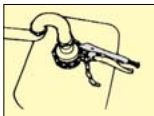


LOCKING CHAIN CLAMP

No.	L	Chain length	Screw	Spring	▼g	
20R	210	500	No.07	No.08	850	1

Chain

No.	Chain length	▼g	
20EXT (For use in add-ons)	500	310	1
20REP (For replacement)	500	310	1



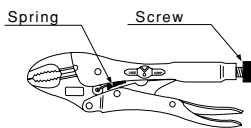
● LOCKING CHAIN CLAMP



Replacement for vise grips

No.	Product name	Applicable product number	Number
91	Screw	4BN, 4WR, 4LN, 4SP	5
51	Screw	5WR, 6BN, 6LN, 6R, 6SP	5
21	Screw	7WR, 7CR, 7R, 8R, 9R, 9BN, 9LN, 9AC	5
07	Screw	10WR, 10CR, 10R, 20R, 11P, 11R, 11SP, 18R, 18SP, 18DR, 24R, 24SP, 24DR, 12LC	5

*5 units to one bag.



No.	Product name	Applicable product number	Number
92	Spring	4BN, 4WR, 4LN, 4SP	5
52	Spring	5WR, 6BN, 6LN, 6R, 6SP	5
22	Spring	7WR, 7CR, 7R, 8R, 9R, 9BN, 9LN, 11P, 11R, 11SP, 9AC	5
08	Spring	10WR, 10CR, 10R, 20R, 12LC	5
34	Spring	18R, 18SP, 18DR	5
137	Spring	24R, 24SP, 24DR	5

*5 units to one bag.