

INSTRUCTIONS FOR USING **NICOPRESS®** FENCE WIRE SLEEVES, TAPS AND TOOLS

There are three types of *Nicopress* fence wire sleeves:

- 1) Oval sleeves for lap splicing and dead-ending (eye splicing).
- 2) Cylindrical sleeves for butt splicing.
- 3) Split sleeves for dead-ending (eye splicing).

Oval sleeves offer a fast way of lap splicing woven wire, barbed wire and single strand high tensile electric fence wire.

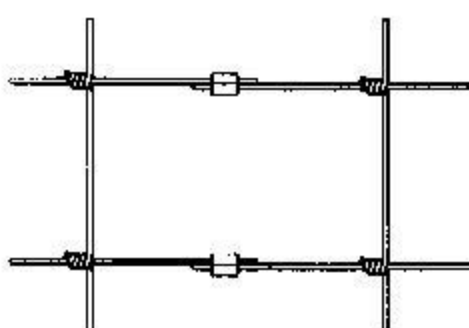
Cylindrical sleeves produce a streamlined splice that is advantageous in splicing vineyard or other trellis applications where automatic equipment may travel the wire.

Split sleeves are for dead-ending (eye splicing) smooth, solid and woven fence wire.

Nicopress fence taps connect electrical fence wires, charger wires, grounding wires and jumper wires around gates and corner posts.

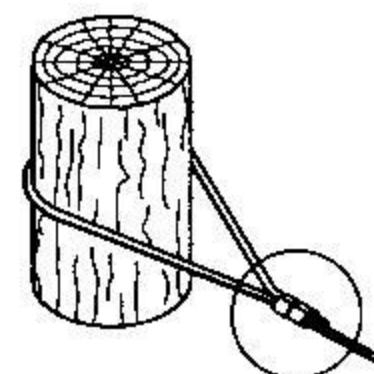
Nicopress tools used for fence splicing are listed in the following table -

TOOL NUMBER	TOOL DIE GROOVES	TOOL USE
64-2345	FW-1-2, FW-2-3, FW-3-4, FW-4-5	Installs all oval fence sleeves and fence taps except oval fence sleeve No. FW-5-6. Also installs cylindrical sleeve No. 2-3/081-M.
FT-2345	FW-1-2, FW-2-3, FW-3-4, FW-4-5	Installs the same sleeves as the 64-2345. It is also equipped with a staple puller, a wire cutter, and a wire crimper for reducing wire sag.
3-56	FW-5-6	Installs oval fence sleeve No. FW-5-6.
31-DJ	D, J	Installs cylindrical fence sleeves with D or J in their part number.
31-DC	D, C	Installs cylindrical fence sleeves with D or C in their part number.
31-CJ	C, J	Installs cylindrical fence sleeves with C or J in their part number.
51-MJ	M, J	Installs cylindrical fence sleeves with M or J in their part number.
32-234	FW-2-3 FWT-3-4	Installs oval fence sleeve No. FW-2-3 and fence tap No. FWT-3-4.
51-G-887	Oval G	Installs oval fence sleeve No. FW-2-3.



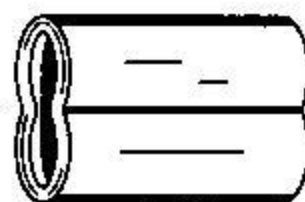
SLEEVES - READY FOR PRESSING

LAP SPlice



EYE SPlice

NICOPRESS® OVAL



FENCE SLEEVES

WIRE SIZE	WIRE DIAM.	SLEEVE NO.	TOOL NO.	TOOL GROOVE	PRESSES
7 Gauge	.177	FW-5-6	3-56	FW-5-6	3
9 Gauge	.148	FW-4-5	64-2345 or FT-2345	FW-4-5	3
10 Gauge	.135	FW-3-4	64-2345 or FT-2345	FW-3-4	3
11 Gauge	.121	FW-3-4	64-2345 or FT-2345	FW-3-4	3
12½ Gauge	.099	FW-2-3	64-2345 or FT-2345	FW-2-3	1
			51-G-887	OVAL G	1
			32-234	FW-2-3	2 overlap
12½ Gauge	.099	FW-2-3 3/4"	64-2345 or FT-2345	FW-2-3	2
			51-G-887	OVAL G	2
			32-234	FW-2-3	3
14½ Gauge	.076	FW-1-2	64-2345 or FT-2345	FW-1-2	1
15½ Gauge	.067	FW-1-2	64-2345 or FT-2345	FW-1-2	1
12½ Barbed	Two .099	FW-4-5	64-2345 or FT-2345	FW-4-5	3
13½ Barbed	Two .086	FW-4-5	64-2345 or FT-2345	FW-4-5	3
14 Barbed	Two .080	FW-3-4	64-2345 or FT-2345	FW-3-4	3
15½ Barbed	Two .067	FW-3-4	64-2345 or FT-2345	FW-3-4	3

For regular strength fence wire, both single strand and barbed, use one oval sleeve for a lap splice and one oval sleeve for an eye splice (dead-end).

For high strength fence wire, use three sleeves for a lap splice, and two sleeves for an eye splice (dead-end), except the FW-2-3 3/4" use two sleeves for a lap splice and one sleeve for an eye splice (dead-end).

Each sleeve requires the indicated number of presses.

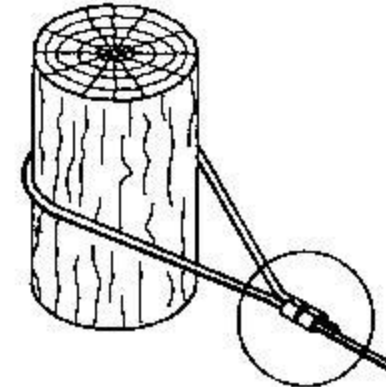
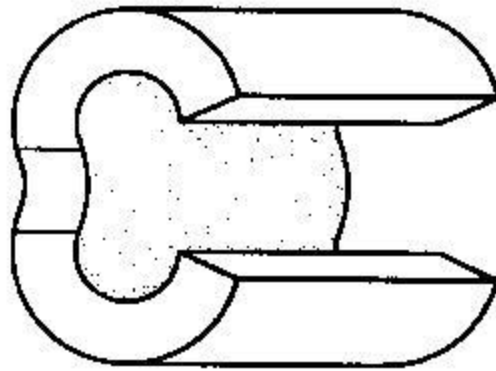
NICOPRESS® BUTT TYPE FENCE SLEEVES



WIRE SIZE	WIRE DIAM.	SLEEVE NO.	TOOL NO.	TOOL GROOVE	PRESSES/HALF
7 Gauge	.177	2-3/081-M	51-MJ	M	6
			64-2345 or FT-2345	FW-3-4	7
9 Gauge	.148	2-148-J	51-MJ	J	4
			31-CJ or 31-DJ	J	5
10 Gauge	.135	2-134-J	51-MJ	J	3
			31-CJ or 31-DJ	J	4
11 Gauge	.121	2-120-J	51-MJ	J	3
			31-CJ or 31-DJ	J	4
12½ Gauge *	.099	5-109-D 135	31-DC or 31-DJ	D	5
14½ Gauge	.076	5-083-C	31-DC or 31-CJ	C	2
15½ Gauge	.067	4-062-C	31-DC or 31-CJ	C	2
12½ Barbed	Two .099	125-JFW	51-MJ	J	4
			31-CJ or 31-DJ	J	5
13½ Barbed	Two .086	135-JFW	51-MJ	J	4
			31-CJ or 31-DJ	J	5
14 Barbed	Two .080	140-JFW	51-MJ	J	3
			31-CJ or 31-DJ	J	4

* For 12½ gauge high strength fence wire use sleeve No. 5-109-D 190 with six presses per half of sleeve.

NICOPRESS® SPLIT FENCE SLEEVES FOR EYE SPLICING (DEAD ENDING)

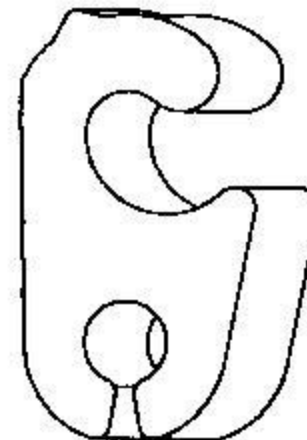
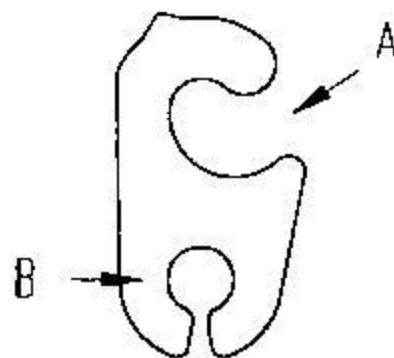


EYE SPLICE

WIRE SIZE	WIRE DIAMETER	SPLIT SLEEVE NUMBER	TOOL NUMBERS	TOOL GROOVE	PRESSES PER SLEEVE
12½ Gauge	.099	FS-2-3	64-2345 or FT-2345	FW-2-3	1

For smooth, solid, and woven regular fence wire, use one sleeve per eye splice.
For high tensile fence wire use two sleeves per eye splice.

NICOPRESS® FENCE TAPS



For smooth, solid, electrified fence wire and for barbed wire.

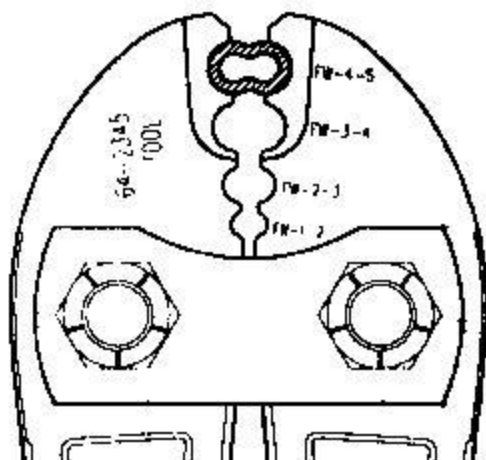
FENCE TAP NUMBER	FENCE WIRE IN SLOT A	TAP WIRE IN SLOT B	FENCE TOOL NUMBERS	TOOL GROOVE	PRESSES PER TAP
FWT-3-4	12½ Ga. (.099) to 14½ Ga. (.076) and 15½ Barbed (Two .067)	12 Ga. (.106) to 14½ Ga. (.076)	32-234* 64-2345 or FT-2345	FW-3-4 or FWT-3-4*	2
FWT-4-5	12½ Barbed (Two .099) to 15½ Barbed (Two .067)	12 Ga. Fence Wire (.106) to 6AWG Solid Copper (.162)	64-2345 or FT-2345	FW-4-5	2

* 32-234 for 12½ Ga. wire only, FWT-3-4 tool die groove, 2 overlapped presses per tap

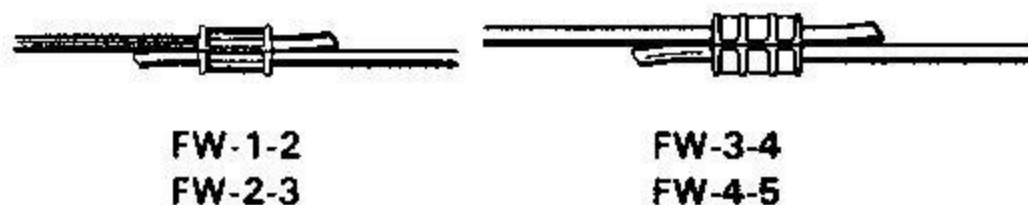
USE AND ADJUSTMENT OF *NICOPRESS*® TOOLS

The following gives details regarding use and adjustment of tools No. 32-234, No. 51-G-887, No. 64-2345 and No. FT-2345. The other tools, for butt type splicing with cylindrical sleeves are used and adjusted in a similar manner. With any *Nicopress* tool, the sleeves used should be the ones specified for the wire and the tool. The sleeve pressing gauge should be the one supplied with the tool.

To make the splice, press the sleeve in the matching groove of the tool, until the handles are closed.



Sleeves pressed in the No. 64-2345 look like this:



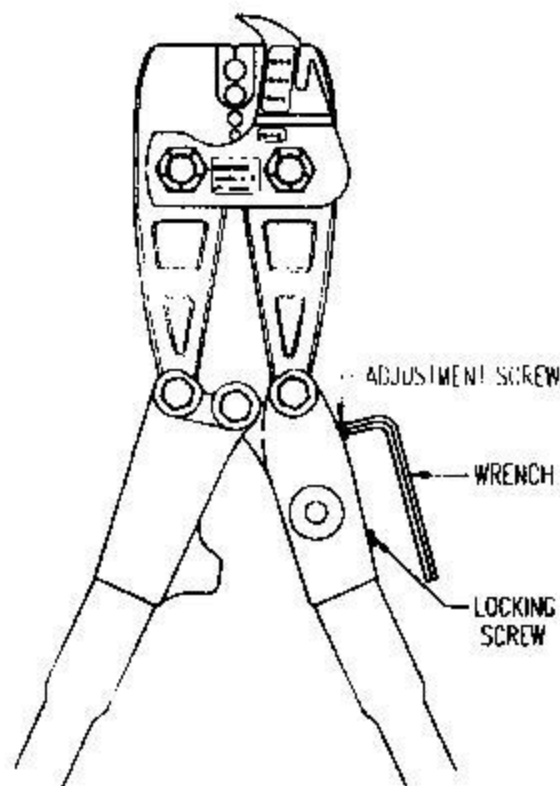
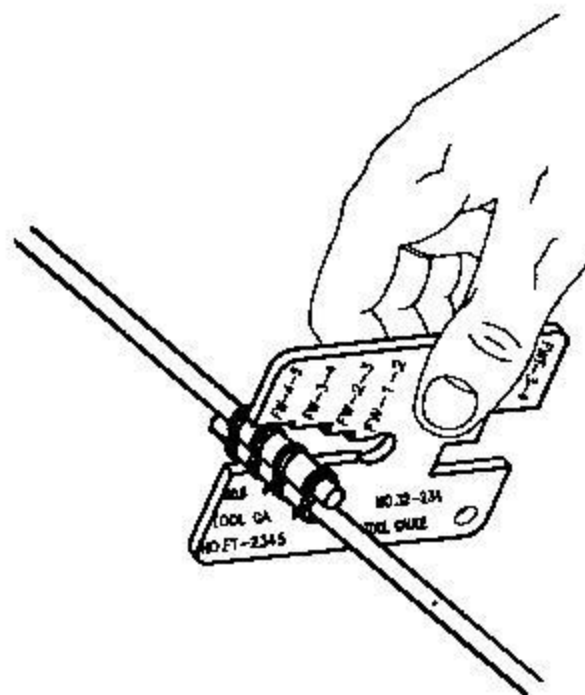
The other splices are made in the same way.
Be sure you have the right sleeve.

The gauge is used to determine if the tool is set properly.

It should be used the first time the tool is used and periodically thereafter.

The pressed portion of the sleeve should easily enter the gauge opening stamped with the tool groove.

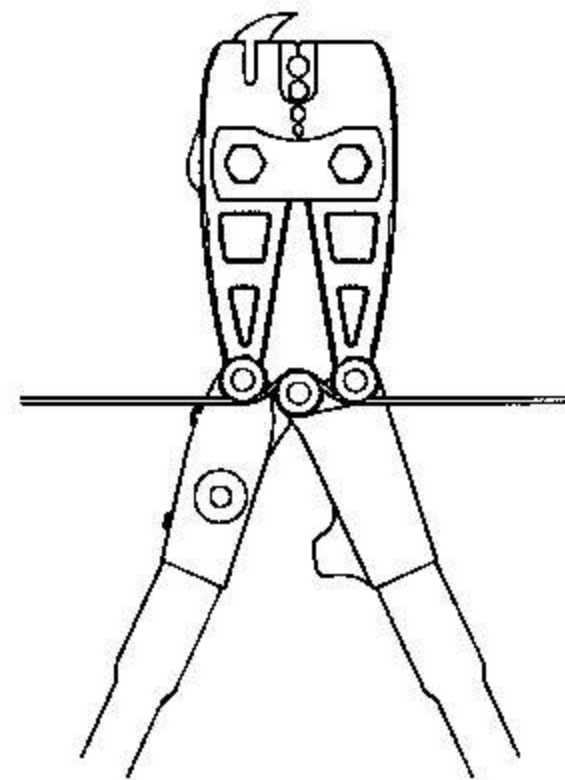
If it does not, adjust the tool as described below.



ADJUSTING TOOL FOR PROPER SLEEVE CRIMP

With the tool handles in the open position use the wrench provided with the tool to loosen the locking screw one or two turns. Then turn the adjustment screw clockwise only a fraction of a turn. Make a press and check with gauge. Continue adjustment if necessary, until pressed sleeve passes easily into gauge. When the correct setting is obtained, tighten the locking screw hard so that the tool will hold its adjustment.

In addition to checking and adjusting, tools should be cleaned and oiled. An empty tool should work freely with a slight spring at the end of the final closing. If the tool binds, it can be eased by slightly loosening the particular bolt which is causing the binding.



CRIMPING FENCE WIRE WITH TOOL NO. FT-2345, TO REMOVE SLACK