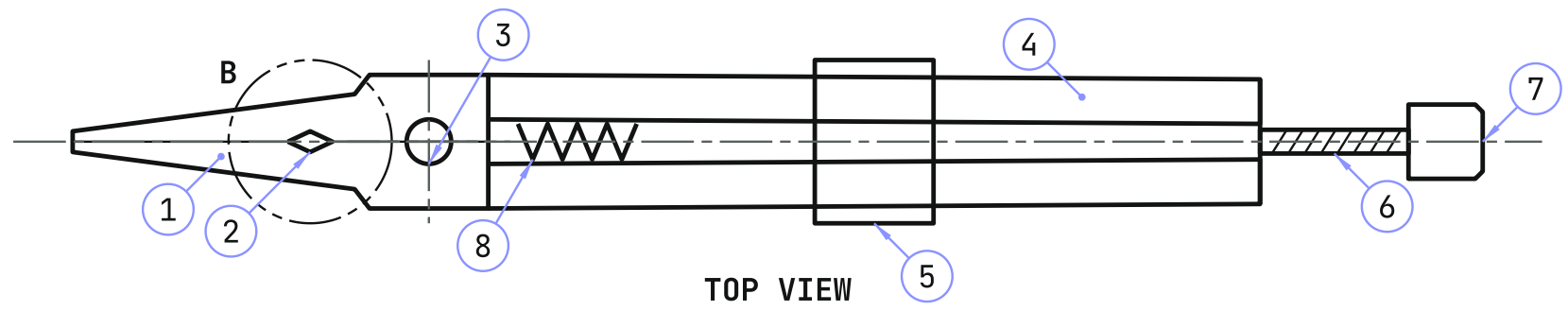
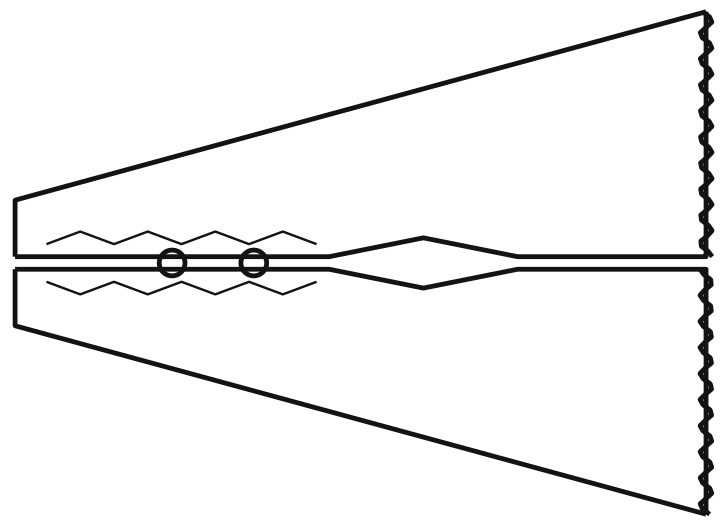
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Safety Wire Pliers

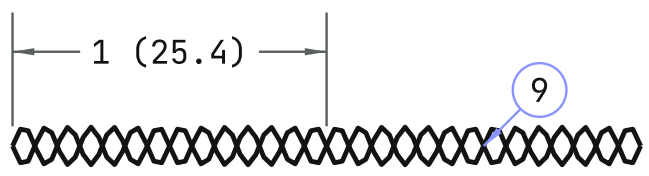
Safety wire pliers lock on the wire, twist it with a pull on the knob and cut it.



TOP VIEW
SCALE 1:2



DETAIL B
SCALE 2:1



VIEW C, TWISTED WIRE
SCALE 1:1

SAFETY WIRE	
DIA, IN (MM)	**SPEC**
0.020 (0.51)	MS20995
0.032 (0.81)	MS20995
0.041 (1.04)	MS20995

CAPACITY	
PLIERS	**WIRE, IN**
STANDARD	0.041
HEAVY DUTY	0.060

NOTES

1. SQUEEZE THE HANDLES: THE SLEEVE LOCKS THE JAWS ON THE WIRE.
2. PULL THE KNOB: THE SPIRAL ROD SPINS THE PLIERS AND TWISTS THE WIRE.
3. REVERSIBLE PLIERS TWIST BOTH WAYS.
4. 6 TO 8 TWISTS PER INCH, WIRE TAUT.
5. FRESH WIRE FOR EACH APPLICATION.

9	SAFETY WIRE
8	RETURN SPRING
7	KNOB
6	SPIRAL ROD
5	LOCKING SLEEVE
4	HANDLE
3	PIVOT
2	CUTTER
1	JAWS
ITEM	**DESCRIPTION**
PLIERS, SAFETY WIRE	
SHEET 1 OF 1	
DWG TAP-TG-106	REV A
SCALE 1:2	

Types and sizes

Type	Size and capacity	Use
Standard pliers	6, 9 or 12 in nominal; wire 0.020 to 0.041 in (0.51 to 1.04 mm)	General safety wiring, twisting one way
Reversible pliers	6, 9 or 12 in nominal; wire 0.020 to 0.041 in (0.51 to 1.04 mm)	Twisting either way for right- and left-hand runs
Heavy duty pliers	Wire up to 0.060 in (1.52 mm)	Heavier wire
6 in	Shortest of the three sizes	Tight places and close bolt patterns
9 in	Middle size	General use
12 in	Longest of the three sizes	Long reach into the structure

Common safety wire

Diameter	Specification
0.020 in (0.51 mm)	MS20995
0.032 in (0.81 mm)	MS20995
0.041 in (1.04 mm)	MS20995

Educational reference only, not approved data. Always consult the applicable SRM, AMM, or AC 43.13-1B and your certifying authority.

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What to check when buying

Check	What to look for
Wire capacity	Covers the wire you use; 0.020 to 0.041 in on common pliers, up to 0.060 in on heavy duty
Size	6, 9 or 12 in nominal for the reach you need
Reversible	Twists both ways if you wire right- and left-hand runs
Locking sleeve	Locks with one squeeze and releases cleanly; the jaws do not slip on the wire
Spiral rod and knob	Rod straight and smooth, knob tight; the pliers spin freely on a pull
Cutter	Sharp, aligned edges that cut the wire square without crushing
Return spring	Opens the jaws fully when the sleeve is released

Accessories

Item	What it is for
Safety wire, MS20995	Wire in the diameters the manual calls for
Wire dispenser	Keeps the wire straight and clean
Diagonal cutters	Removing old wire
Light machine oil	Pivot and spiral rod

SCAN · OPEN THIS GUIDE
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