

STANLEY
Engineered Fastening



**AV5, AV20, and AV25
Hydraulic lockbolt tools for
NeoBolt® 5/16" to 3/4"**

Improve productivity on your critical infrastructure and transportation assembly projects, with our new powerful, robust, and ergonomic tools, part of the NeoBolt® lockbolt system.

STANLEY
Assembly Technologies

AV5, AV20, and AV25

Hydraulic lockbolt tools for NeoBolt® 5/16" to 3/4"

Robust yet ergonomic hydraulic NeoBolt® lockbolt tool maximizes placing capability, ensures optimum productivity, and reduces installation cost.

Versatile: These new additions to the proven 734 AV® series placing tools have been developed specifically for use with NeoBolt® lockbolts, allowing the full application grip capability of these exceptional lockbolts to be realized. Powered by the industry leading Enerpac® PRO series pump units, the 734 AV series range of lockbolt installation tools is now even more versatile than before.

Robust & ergonomic design: Further design enhancements to the latest tools in the range minimizes weight and improves ergonomics still further, without compromising toughness.

Warranty: 2 years in total (1 year & 1 year extension if the tool is registered online via our [Warranty Registration Form](#)).

Benefits of using the AV tool and NeoBolt® fastener system:

- Robust tool design can withstand the toughest environments.
- Tool design is optimized to install NeoBolt® lockbolts across their full application grip range.
- The tools maximize output and reduce operator fatigue thanks to their minimized weight and ergonomic design.
- Tool design utilizes the very latest hydraulic seal technology, in order to prevent unscheduled downtime.
- The tools deliver permanent and vibration-resistant assembly when used in conjunction with Avdel® NeoBolt fasteners. This significantly reduces the need for subsequent periodic maintenance checks, and ensures that application structures maintain their dimensional integrity throughout their service life.
- Simplified inventory management, service and support as a result of the single source tool and fastener system offering.



Specifications

SPECIFICATION		AV®5	AV®20	AV®25
Force:	Pull @ stated pull pressure	36.0 kN	80.0 kN	140.0 kN
	Push Off @ stated return pressure	17.5 kN	44.0 kN	70.0 kN
Pressure:	Pull	510 bar	510 bar	510 bar
	Return	200 bar	200 bar	200 bar
Stroke:	Minimum piston stroke	30.0 mm	45.0 mm	60.0 mm
Weight:	Without nose equipment	2.9 kg	4.4 kg	6.73 kg
Dimensions:	Length	246.0 mm	160.5 mm	205.0 mm
	Width	48.0mm	65.0 mm	82.0 mm
	Height	230.0 mm	254.0 mm	276.0 mm
Noise Level:	L _{pA}	75.9 dB(A)	76.1 dB(A)	79.2 dB(A)
Vibration Level:	a _{hd}	< 2.5 m/s ²	< 2.5 m/s ²	< 2.5 m/s ²

Placing Capacity

CAPACITY		AV®5	AV®20	AV®25
Fastener type:	Avbolt®	1/4" & 5/16"	1/2"	1/2" & 5/8"
	Avdelok® XT	-	1/2"	1/2" & 5/8"
	NeoBolt®	5/16" & 3/8"	12mm & 1/2"	14mm, 5/8" & 16mm, 3/4"

Typical infrastructure applications:

- Renewables: Solar power utility assembly (fixed and moving support structures)
- Renewables: Wind turbine assembly (tower, nacelle)

Typical Transportation applications:

- Large truck & trailer chassis assembly, and chassis to body assembly
- Bus & coach assembly
- Rail vehicle assembly