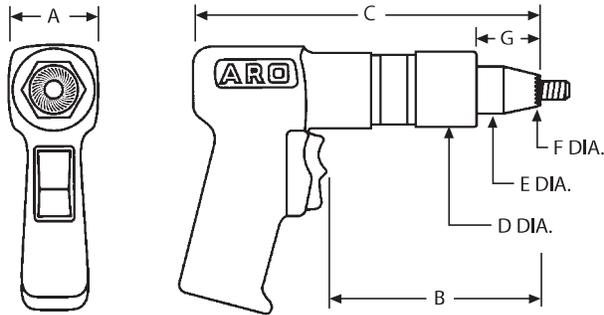




PNEUMATIC TOOLS

AVK PNEUMATIC TOOL SPECIFICATIONS



The tool shown on this page has been specifically designed to install the A-L, A-K, A-H, A-P and A-O Series Inserts.

Once you have selected the type of insert and thread size required for your application, select the appropriate RPM tool from the chart below.

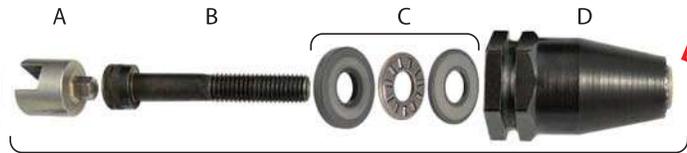
DIMENSIONAL DATA / TOOL SET-UP REQUIREMENTS

RPM	WEIGHT LBS. (Kg)	A	B	C	D DIA.	E DIA.	F DIA. MAX.	G
3,000	2.55 (1.15)	1.86 (47,24)	4.75 (120,6)	7.75 (196,8)	1.57 (39,87)	1.00 (25,40)	.400 (10,16)	1.3 (33,0)
1,500	2.58 (1.17)	1.86 (47,24)	4.75 (120,6)	7.75 (196,8)	1.57 (39,87)	1.00 (25,40)	.400 (10,16)	1.3 (33,0)
900	3.18 (1.44)	1.86 (47,24)	6.00 (152,4)	9.00 (228,6)	1.57 (39,87)	1.00 (25,40)	.500 (12,7)	1.3 (33,0)
600	3.18 (1.44)	1.86 (47,24)	6.00 (152,4)	9.00 (228,6)	1.57 (39,87)	1.00 (25,40)	.640 (16,25)	1.3 (33,0)
350	3.25 (1.46)	1.86 (47,24)	5.37 (136,3)	8.37 (212,5)	1.50 (38,10)	1.42 (36,06)	.900 (22,86)	NA (NA)

PROPER AIR SUPPLY SET-UP REQUIRES:

- 90-110 PSI (6.2-7.5 BARS) dynamic (tool running) air pressure at 25 S.C.F.M.
- Inline oiler/separator
- Air pressure gauge and regulator
- 5/16 or 7,92 mm minimum hose ID
- 5/16 or 7,92 mm minimum fittings ID

SPECIAL FEATURE—The AKPT nose cone design incorporates a special pilot/serrated tip that is essential to proper insert installation. The "A-K" prefix in the tool part number designates this feature



THREAD ADAPTION KIT

AIR TOOL SELECTION / SPARE PARTS

THREAD SIZE	TOOL R.P.M	COMPLETE TOOL PART NUMBER	THREAD ADAPTION KIT	A HEX DRIVE	B MANDREL 10 PER BAG	C BEARING SET	D NOSE CONE	DYNAMIC AIR PRESSURE SETTINGS PSI - BARS
6-32 UNC	3000	AKPT30P632	AKPT632TAK	29NPT22	B3SH632-1500	32PT1	77AKPT6	70 - 80
8-32 UNC	3000	AKPT30P832	AKPT832TAK	29NPT23	B3SH832-1500	32PT2	77AKPT8	75 - 90
10-24 UNC	1500	AKPT15P1024	AKPT1024TAK	29NPT4	B3SH1024-1750	32PT4	77AKPT10	60 - 80
10-32 UNF	1500	AKPT15P1032	AKPT1032TAK	29NPT4	B3SH1032-1750	32PT4	77AKPT10	60 - 80
1/4-20 UNC	900	AKPT9P420	AKPT420TAK	29NPT5	B3SH420-1500	32PT5	77AKPT250	70 - 90
5/16-18 UNC	600	AKPT6P518	AKPT518TAK	29NPT6	B3SH518-2000	32PT7	77AKPT3125	80 - 110
3/8-16 UNC	600	AKPT6P616	AKPT616TAK	29NPT7	B3SH616-2000	32PT8	77AKPT375	80 - 110
1/2-13 UNC	350	AKPT3P813	AKPT813CTA	29NPT26	B3SH813-2500	30NPT500	77AKPT500	80 - 110
M4 x 0,7 ISO	3000	AKPT30P470	AKPT470TAK	29NPT24	B3SH470-40	32PT3	77AKPT470	4.8 - 5.5
M5 x 0,8 ISO	1500	AKPT15P580	AKPT580TAK	29NPT10	B3SH580-45	32PT4	77AKPT580	4.1 - 5.5
M6 x 1,0 ISO	900	AKPT9P610	AKPT610TAK	29NPT11	B3SH610-40	32PT6	77AKPT610	4.8 - 6.2
M8 x 1,25 ISO	600	AKPT6P8125	AKPT8125TAK	29NPT12	B3SH8125-50	32PT7	77AKPT8125	5.5 - 7.5
M10 x 1,50 ISO	600	AKPT6P1015	AKPT1015TAK	29NPT25	B3SH1015-50	32PT10	77AKPT1015	5.5 - 7.5
M12 x 1,75 ISO	350	AKPT3P12175	AKPT12175CTA	29NPT27	B3SH12175-60	30NPT500	77AKPT12175	5.5 - 7.5

This chart designates the tool, spare parts and dynamic (tool running) air pressure requirements for our most popular steel product. Consult the AVK tool catalog or contact an AVK Sales Representative for tool RPM and air pressure settings for aluminum, brass and monel product.

NOTE: UNF FINE THREAD COMPONENTS ARE AVAILABLE.

PREVENTATIVE MAINTENANCE REQUIREMENTS:

- The bearing set must be kept in a WET lubricated condition to assure proper tool operation. AVK suggests the use of high temperature grease such as LUBRIPLATE® BRAND 930 AA.
- The tool mandrel should be inspected for thread wear or damage and replaced. To test the condition of the mandrel, thread an AVK insert onto the mandrel backwards until it touches the pilot. If any drag is still felt, replace the mandrel with a new socket head cap screw.