



TA-Series Tap Arm System

Efficient, Low Cost Solution for Threading Holes

Also used for Reaming, Drilling and Deburring

MODELS BELOW INCLUDE: TAP ARM, 1 HP AIR TAPPING MOTOR, BILZ TAP CHUCK AND AIR PREP (F/R/L)

ETA MODEL #	FREE SPEED RPM	MAX TAP SIZE		TORQUE In. Lb (Nm)	HOLE ORIENTATION	AIR PREP	TAP ADAPTERS
		MILD STEEL*	ALUMINUM*				
TA45	300	5/8" (M16)	3/4" (M18)	400 (45)	VERTICAL	FILTER REGULATOR LUBRICATOR INCLUDED	PURCHASED INDIVIDUALLY. SEE CHART ON BACK
TA37	500	1/2" (M12)	5/8" (M16)	325 (37)			
TA25	700	3/8" (M10)	1/2" (M12)	220 (25)			
TA16	1,200	1/4" (M6)	3/8" (M10)	145 (16)			

MODELS BELOW INCLUDE: TAP ARM, 1 HP AIR TAPPING MOTOR, BILZ TAP CHUCK, 5 TORQUE LIMITING TAP ADAPTERS AND AIR PREP (F/R/L)

ETA MODEL #	FREE SPEED RPM	MAX TAP SIZE		TORQUE In. Lb (Nm)	HOLE ORIENTATION	AIR PREP	TAP ADAPTERS
		MILD STEEL*	ALUMINUM*				
TA45-A5	300	5/8" (M16)	3/4" (M18)	400 (45)	VERTICAL	FILTER REGULATOR LUBRICATOR INCLUDED	INCLUDES ANY 5 ADAPTERS FROM CHART ON BACK
TA37-A5	500	1/2" (M12)	5/8" (M16)	325 (37)			
TA25-A5	700	3/8" (M10)	1/2" (M12)	220 (25)			
TA16-A5	1,200	1/4" (M6)	3/8" (M10)	145 (16)			

All TA-Series Air Tap Motors require 30 SCFM of clean, dry compressed air at 90 psi with a minimum 3/8 ID supply hose.

* Maximum tap sizes are conservatively based on actual shop tests, but are dependent on a number of factors including air supply volume, hole size, hole depth, tap configuration, tap dullness, thread cutting lubrication and tap motor lubrication. If your application requires thread sizes at or near the limits above, as a free service ETA will test your sample parts with your tap using a TA Series Tapping Arm. Consult your ETA distributor or contact us at ETA directly to make arrangements.

View additional Models, Accessories and Information about the TA-Series at TapArms.com

For TAx-A5 Package Chose any 5 Adapters or 4 Tap Adapters and 1 Drill Chuck Adapter from this chart.



TLA-xxx

TAP ADAPTERS

Torque Limiting Clutches to Reduce Tap Breakage

(Additional adapters available on taparms.com)



TCA-50C

Chuck Key included (not shown)

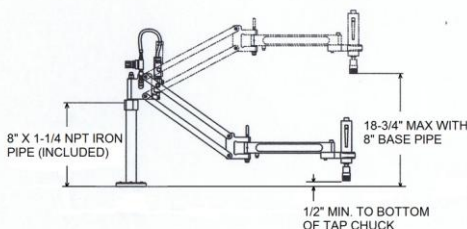
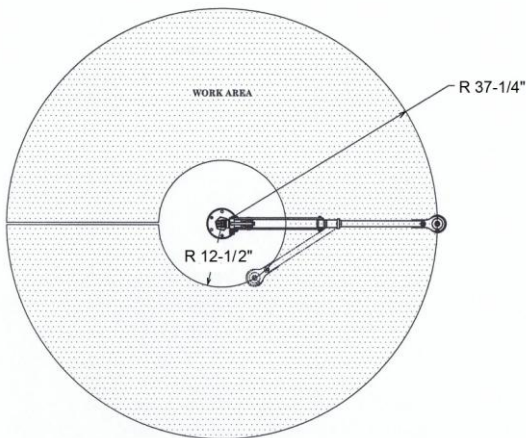
TAP SIZE					
ETA Part #	American Inch Taps	US Shank Metric Taps	BILZ Designation	Shank Diameter	Drive Square
TLA-006	#0 thru #6	M1.6 thru M3.5	WES1B #0-#6	0.141	0.110
TLA-008	#8	M4	WES1B #8	0.168	0.131
TLA-010	#10	M4.5, M5	WES1B #10	0.194	0.152
TLA-012	#12		WES1B #12	0.220	0.165
TLA-250	1/4	M6, M6.3	WES1B 1/4	0.255	0.191
TLA-312	5/16	M7, M8	WES1B 5/16	0.318	0.238
TLA-375	3/8	M10	WES1B 3/8	0.381	0.286
TLA-438	7/16		WES1B 7/16	0.323	0.242
TLA-500	1/2	M12, M12.5	WES1B 1/2	0.367	0.275
TLA-562	9/16	M14	WES1B 9/16	0.429	0.322
TLA-1PSS	1/8 npt		WES1B 1/8-SS	0.313	0.234
TLA-1PLS	1/8 npt		WES1B 1/8-LS	0.437	0.328
TCA-520	Chuck Adapter Only		WE1A36 1/2-20	1/2-20 Threads	
TCA-50C	Adapter with Drill Chuck Included		<i>Jacobs</i>	1/2" Capacity Keyed Chuck	



NO TOOLS REQUIRED



TA-Series Coverage Area (Reach)



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TapArms.com ToolArms.com Smart-Arms.com

All Ergonomic Tool Arms have a 3 year warranty against excessive wear! See website for details.

ETA arms are purchased through your Industrial Distributor;