



2026 - 2027

TAPPING TOOLS & MACHINES

HIGH PERFORMANCE
YOUR BEST BUSINESS PARTNER for THE BEST PERFORMANCE TAPPING TOOLS

◆ INNOVATION ◆ RESEARCH ◆ DESIGN ◆ QUALITY



AIRPRO Company Profile

Airpro Industry Corp. is a professional manufacturer and exporter with expertise for more than 24 years. We specialize in professional and industrial quality air tools, accessories for a professional and industrial range of applications including Aircraft Tools, Industrial, Automotive, Tooling / Molding, Construction / Boat, Electronic Assembly Line Market.



■ Processed by high precise CNC machine, the assemblies-finished goods can achieve a reliable consistent of performances



■ Exhibit all product of tools, equipments with high-rate quality and reputation.



■ Professional colored box provide safety packing, improved technique and innovation design.



PROFESSIONAL
Our factory is
ISO-9001 certified and
products CE certified.



VISION

Become "the best
solution and
service provider"
in the industry



CERTIFICATE
D&B D-U-N-S®
Registered™ Certified

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氣動攻牙工具

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GRADE



Professional Quality
專業級



Industrial Quality
工業級



Air Tapping Tools (Pistol Type)

槍型氣動攻牙工具

SA8222 ★★★

Pneumatic Various Degree Tapping Hand Tool

- Free Speed: 250 RPM
- Tapping Capacity: M2 - M8 (Iron)
- Accessories Wrench
- Handle Exhaust



SA8223 ★★★

Pneumatic Chuck Tapping Hand Tool

- Free Speed: 250 RPM
- Tapping Capacity: M2 - M8 (Iron)
- Accessories Wrench
- Handle Exhaust



SA8224 ★★★

Pneumatic Torsional Tapping Hand Tool

- Free Speed: 250 RPM
- Tapping Capacity: M2 - M8 (Iron)
- Accessories w/ 6pcs of Torsional Collets + Wrench
- Handle Exhaust



SA8256 w/ B12 Spindle Chuck w/o Collet SA8256-J w/ JT1 Chuck ★★★

Air Tapper Tool w/ Side Handle

- Free Speed: 1,400 RPM
- Tapping Capacity:
 - B12: Max M12 (Iron)
 - JT1: Max M10 (Iron)
- Chuck Size: JT1 3/8"



JT1 Chuck

SA8268-T1 w/ B12 Spindle Chuck SA8268 w/ JT1 Chuck ★★★

Air Tapping Tool Pull and Push Type

- Free Speed: 400 RPM
- Tapping Capacity:
 - B12: Max M12 (Iron)
 - JT1: Max M10 (Iron)
- B12 Quick Change Tapper For M3 - M12
- Chuck Size: JT1 3/8"



JT1 Chuck

Model No.	Tapping Capacity	Free Speed	Spindle Type	Air Inlet	Air Pressure		Hose Size	Overall Length		Net Weight		Air Cons.	
	攻牙能力	無負載轉速	轉軸	進氣口	空氣壓力		氣管	長度		重量		耗氣量	
	Iron	R.P.M	-	NPT(PT)	psi	bar	Inch	Inch	mm	lb	kg	CFM	L/min
SA8222	M2 - M8	250	HTP/ B12	3/8"	90	6.2	3/8	9.25	235	5.5	2.5	14.1	400
SA8256	Max M12	1,400	B12	1/4"	90	6.2	3/8	8.39	213	3.31	1.50	15.9	450
SA8256-J	Max M10												
SA8223	M2 - M8	250	CAP / B12	3/8"	90	6.2	3/8	8.27	210	5.5	2.5	14.1	400
SA8224	M2 - M8	250	TH1 / B12	3/8"	90	6.2	3/8	9.45	240	8.8	4.0	14.1	400
SA8268-T1	Max M12	400	B12	1/4"	90	6.2	3/8	11.02	280	3.96	1.80	17.7	501
SA8268	Max M10												

SA8225

★★

Pneumatic Tapping Hand Tool

- Free Speed: 150 RPM
- Tapping Capacity: M3 - M8 (Iron)
- Side Exhaust



SA8208B

★★

Pneumatic Tapping Hand Tool

- Free Speed: 2,500 RPM
- Tapping Capacity: M3 - M6 (Iron)
- Side Exhaust



SA8208

★★

Pneumatic Tapping Hand Tool

- Free Speed: 150 RPM
- Tapping Capacity: M6 - M8 (Iron)
- Side Exhaust



SA8241 400 RPM

★★

SA8242 700 RPM

SA8243 1,200 RPM

Reversing Trigger Air Tapper w/ Taper Holder w/o Chuck

- Free Speed: 400 / 700 / 1,200 RPM
- Tapping Capacity: M3 - M12 (Iron)
- Reversing Trigger



SA8213

★★

Pneumatic Tapping Hand Tool w/ JIS M8 Collet

- Free Speed: 150 RPM
- Tapping Capacity: M3 - M8 (Iron)
- Side Exhaust



SA8271

★★

Adjustable Torque Air Tapping w/ Tapping Chuck

- Free Speed: 150 RPM
- Tapping Capacity: M3 - M12 (Iron)
- Sound Pressure: 82 dBA
- Handle Exhaust
- w/ Tapping Chuck: SA-TC003 (w/ B12 Spindle)



Model No.	Tapping Capacity	Free Speed	Spindle Type	Air Inlet	Air Pressure		Hose Size	Overall Length		Net Weight		Air Cons.	
	攻牙能力	無負載轉速	轉軸	進氣口	空氣壓力		氣管	長度		重量		耗氣量	
	Iron	R.P.M	-	NPT(PT)	psi	bar	Inch	Inch	mm	lb	kg	CFM	L/min
SA8225	M3 - M8	150	B12	1/4"	90	6.2	3/8	7.87	200	4.1	1.86	6.5	184
SA8208B	M3 - M6	2,500	3/8 Anvil	1/4"	90	6.2	3/8	8.86	225	3.0	1.36	7.0	198
SA8208	M6 - M8	150	3/8 Anvil	1/4"	90	6.2	3/8	9.65	245	4.2	1.90	7.0	198
SA8241	M3 - M12	400	B12	1/4"	90	6.2	3/8	7.59	193	2.59	1.18	7.6	193
SA8242	M8	700											
SA8243	M4	1,200											
SA8213	M3 - M8	150	B12	1/4"	90	6.2	3/8	10.04	255	4.2	1.90	6.5	184
SA8271	M3 - M12	150	B12	1/4"	90	6.2	3/8	11.81	300	5.24	2.38	6.5	184

SA8214D ★★★

**Air Two Gear Driven Mechanism Tapping Tool
w/o Spindle Chuck & Collet Chuck**

- Free Speed: 330 RPM
- Tapping Capacity:
M3 - M12 (Iron)

Optional Accessories

Spindle Chuck Collet Chuck



SA8232D ★★★

**Air Two Gear Driven Mechanism Tapping Tool
w/o Spindle Chuck & Collet Chuck**

- Free Speed: 600 RPM
- Tapping Capacity:
M3 - M12 (Iron)

Optional Accessories

Spindle Chuck Collet Chuck



SA8291D ★★★

**Air Two Gear Driven Mechanism Tapping Tool
w/o Spindle Chuck & Collet Chuck**

- Free Speed: 1,000 RPM
- Tapping Capacity:
M3 - M12 (Iron)

Optional Accessories

Spindle Chuck Collet Chuck



SA8214P SA8246

**B12 Spindle Chuck
B16 Spindle Chuck**

★★★

**High Torque Air Tapping Tool
w/o Spindle Chuck & Collet Chuck**

- Free Speed: 350 RPM
- Tapping Capacity:
M3 - M12 (Iron)
- Full Cage Gear
- Side Exhaust

Optional Accessories

Spindle Chuck Collet Chuck



SA8214PA SA8246PA

**B12 Spindle Chuck
B16 Spindle Chuck**

★★

**High Torque Air Tapping Tool
w/o Spindle Chuck & Collet Chuck**

- Free Speed: 350 RPM
- Tapping Capacity:
M3 - M12 (Iron)
- Full Cage Gear
- Side Exhaust

Optional Accessories

Spindle Chuck Collet Chuck



Model No.	Tapping Capacity	Free Speed	Spindle Type	Air Inlet	Air Pressure		Hose Size	Overall Length		Net Weight		Air Cons.	
	攻牙能力	無負載轉速	轉軸	進氣口	空氣壓力	psi	bar	氣管	長度	重量		耗氣量	
	Iron	R.P.M	-	NPT(PT)				Inch	Inch mm	lb kg		CFM	L/min
SA8214D	M3 - M12	330	B12	1/4"	90	6.2	3/8	9.4	238	5.07	2.30	4.0	113
SA8214P	M3 - M12	350	B12	1/4"	90	6.2	3/8	10.6	269	2.89	1.31	3.5	99
SA8246	M3 - M12	350	B16	1/4"	90	6.2	3/8	10.6	269	2.89	1.31	3.5	99
SA8232D	M3 - M12	600	B12	1/4"	90	6.2	3/8	9.4	238	5.07	2.30	4.0	113
SA8291D	M3 - M12	1,000	B12	1/4"	90	6.2	3/8	9.4	238	5.07	2.30	4.0	113
SA8214PA	M3 - M12	350	B12	1/4"	90	6.2	3/8	10.2	260	2.73	1.24	3.2	91
SA8246PA	M3 - M12	350	B16	1/4"	90	6.2	3/8	10.2	260	2.73	1.24	3.2	91

SA8228D

★★★★

High Torque Tapping Tool
w/o Spindle Chuck & Collet Chuck

- Free Speed: 300 RPM
- Tapping Capacity:
M4 - M16 (Iron)

Optional Accessories

Spindle Chuck Collet Chuck



SA8232

★★★★

Air Two Gear Driven Mechanism Tapping Tool
w/o Spindle Chuck & Collet Chuck

- Free Speed: 600 RPM
- Tapping Capacity:
M8 - M16 (Iron)
- Full Cage Gear

Optional Accessories

Spindle Chuck Collet Chuck



SA8278D

★★★★

High Torque Tapping Tool
w/o Spindle Chuck & Collet Chuck

- Free Speed: 90 - 300 RPM
- Tapping Capacity:
M4 - M24 (Iron)

Optional Accessories

Spindle Chuck Collet Chuck



SA8228

★★★★

High Torque Tapping Hand Tool
w/o Spindle Chuck & Collet Chuck

- Free Speed: 300 RPM
- Tapping Capacity:
M4 - M16 (Iron)
- Full Cage Gear

Optional Accessories

Spindle Chuck Collet Chuck



SA8270

★★★

Adjustable Torque Air Tapping
w/ Tapping Chuck

- Free Speed: 350 RPM
- Tapping Capacity: M3 - M12 (Iron)
- Sound Pressure: 93 dBA
- Rear Exhaust



SA8227

★★★

Pneumatic In-line Tapping Hand Tool
w/o Spindle Chuck & Collet Chuck

- Free Speed: 100 RPM
- Tapping Capacity: M3 - M10 (Iron)
- Rear Exhaust With Muffler



Model No.	Tapping Capacity	Free Speed	Spindle Type	Air Inlet	Air Pressure		Hose Size	Overall Length		Net Weight		Air Cons.	
	攻牙能力	無負載轉速	轉軸	進氣口	空氣壓力		氣管	長度		重量		耗氣量	
	Iron	R.P.M	-	NPT(PT)	psi	bar	Inch	Inch	mm	lb	kg	CFM	L/min
SA8228D	M4 - M16	300	B16	1/4"	90	6.2	3/8	11.6	297	4.78	2.17	4.0	113
SA8232	M8 - M16	600	B16	1/4"	90	6.2	3/8	9.4	238	5.07	2.30	4.0	113
SA8278D	M4 - M24	90 - 300	B18	1/4"	90	6.2	3/8	13.6	346	5.07	2.30	4.0	113
SA8228	M4 - M16	300	B18	1/4"	90	6.2	3/8	11.7	297	4.85	2.20	4.0	113
SA8270	M3 - M12	350	B16	1/4"	90	6.2	3/8	14.96	380	4.91	2.23	10.0	283
SA8227	M3 - M10	100	B12	1/4"	90	6.2	3/8	12.2	310	4.10	1.86	8.0	226

EA-0001**Extension Arm**

- For Holding: Max. M3 - M12 Tapping Capacity Tool
- Extended Span Length:
200-980 mm

**EA-0002****Extension Arm**

- For Holding: Max. M6 - M24 Tapping Capacity Tool
- Extended Span Length:
200-1050 mm

**EA-0001S(-1E)(-1N)(-1U)****Extension Arm w/ Tool Set****Extended Span Length: 200-980 mm**

- Tapping Chuck Optional, Capacity: M3 - M12
- Universal Joint Optional Model No.EA-0001S-1UJ

Contents

- 1PC Extension Arm: Holding Max.44mm Tapping Capacity Tool
- 1PC SA8214P Air Tapping Tool w/o Chuck
- 1PC 1/4" Fr.L Combination Unit Manual Drain
- 1PC #1 Small Quick Change Tapper For B12 Spindle Tapper
- 1PC Hose 6x4x110cm
- 1PC Hose Adapter
- 1PC 1/4" Male Brass Plug

Optional Tapping Device**EA-0002S(-1E)(-1N)(-1U)****Extension Arm w/ Tool Set****Extended Span Length: 200-1050 mm**

- Tapping Chuck Optional, Capacity: M6 - M24
- Universal Joint Optional Model No.EA-0002S-1UJ

Contents

- 1PC Extension Arm: Holding Max.57mm Tapping Capacity Tool
- 1PC SA8232 Air Tapping Tool w/o Chuck
- 1PC 1/4" Fr.L Combination Unit Manual Drain
- 1PC #1 Small Quick Change Tapper For B16 Spindle Tapper
- 1PC Hose 6x4x130cm
- 1PC Hose Adapter
- 1PC 1/4" Male Brass Plug

Optional Tapping Device

ATM-12 M3 - M12 ★★★

Air Tapping Machine

Standard Accessories

- Air Tapping Spindle
- Stretch Arm
- Slanted Arm
- Air Unit
- Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters



ATM-16 M3 - M16 ★★★

ATM-20 M3 - M20

ATM-22 M3 - M22

ATM-24 M3 - M24

ATM-27 M3 - M27

Air Tapping Machine

Standard Accessories

- Air Tapping Spindle
- Stretch Arm
- Slanted Arm
- Air Unit
- Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters



Model No.	Tap Capacity	Speed	Work Range		Weight
			Rmax	Rmin	
		R.P.M	mm	mm	kg
ATM-12	M3 - M12	400	950	100	16
ATM-16	M3 - M16	300			24
ATM-20	M3 - M20	150 / 400	1000	100	25
ATM-22	M3 - M22	120 / 300			25
ATM-24	M3 - M24	100 / 300			25
ATM-27	M3 - M27	70 / 220			25

AT-12 M3 - M12 ★★★

Air Tapping Machine

Standard Accessories

- Air Tapping Spindle • Stretch Arm
- Slanted Arm • Air Unit
- Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters



AT-24 M3 - M24 ★★★

AT-27 M3 - M27

Air Tapping Machine

Standard Accessories

- Air Tapping Spindle • Stretch Arm
- Slanted Arm • Air Unit
- Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters



ATR-16 M3 - M16 ★★★

ATR-20 M3 - M20

ATR-22 M3 - M22

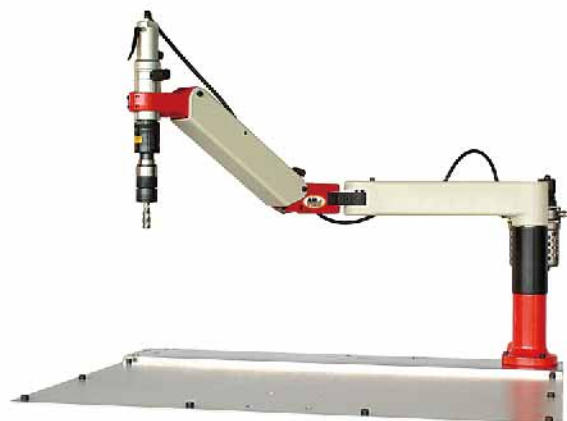
ATR-24 M3 - M24

ATR-27 M3 - M27

Air Tapping Machine

Standard Accessories

- Air Tapping Spindle • Stretch Arm
- Table Mounting Column • Air Unit
- Choose Any Six Safety Clutch Tapping Adapters



Model No.	Tap Capacity	Speed R.P.M	Work Range		Weight kg
			Rmax mm	Rmin mm	
AT-12	M3 - M12	400	1900	200	23
AT-24	M3 - M24	100 / 300			38
AT-27	M3 - M27	70 / 220			38
ATR-16	M3 - M16	300	1100	250	35
ATR-20	M3 - M20	150 / 400			35
ATR-22	M3 - M22	120 / 300			35
ATR-24	M3 - M24	100 / 300			35
ATR-27	M3 - M27	70 / 220			35

Standard Accessories For ETM-T, ETM-S Series

- Electric tapping spindle • Parallel arm • Slanted arm • Table mounting column
- Electric-Controlled device • Choose any six safety clutch collects

ETM-T12 ★★★**Electric Tapping Machine**

- Spindle: M3 - M12
- Speed: 0-400 RPM
- Work Range:
R max: 1,900 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 23.5 kg ; G.W: 28.5 kg

**ETM-S12 ★★★****Electric Tapping Machine**

- Spindle: M3 - M12
- Speed: 0-400 RPM
- Work Range:
R max: 1,400 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 22 kg ; G.W: 27 kg

**ETM-T16 ★★★****Electric Tapping Machine**

- Spindle: M3 - M16
- Speed: 0-300 RPM
- Work Range:
R max: 1,900 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 26.5 kg ; G.W: 31.5 kg

**ETM-S16 ★★★****Electric Tapping Machine**

- Spindle: M3 - M16
- Speed: 0-300 RPM
- Work Range:
R max: 1,400 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 25 kg ; G.W: 30 kg

**ETM-T24 ★★★****Electric Tapping Machine**

- Spindle: M3 - M24
- Speed: 200 / 60 RPM
- Work Range:
R max: 1,900 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 37.5 kg ; G.W: 42.5 kg

**ETM-S24 ★★★****Electric Tapping Machine**

- Spindle: M3 - M24
- Speed: 200 / 60 RPM
- Work Range:
R max: 1,400 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 0.73 HP (550 W)
- Weight: N.W: 27.5 kg ; G.W: 32.5 kg

**Standard Accessories For ETM-32A**

- Electric Tapping Spindle • Parallel Arm • Slanted Arm
- Table Mounting Column • Depth Controller, Reverse In Automatic
- Electric-Controlled Device • Digital Readout Manual Panel
- Choose Any Six Safety Clutch Tapping adapters

ETM-32A ★★★**Electric Tapping Machine**

- For Tap: M3 - M32
- Speed: 0-300 / 0-60 RPM
- Work Range:
R max: 1,900 mm ; R min: 200 mm
- Voltage: 220 V, Single PHASE
- Electric Motor: 1 HP (750 W)
- Weight: N.W: 65 kg ; G.W: 70 kg

**Optional Accessories****TM800030****Automatic Tap Lubricator System****TM800032****Cast Iron Work Cart**

- Dimension:
900 x 630 x 900mm
- Weight: 200kg



Standard Accessories For HTM-32, HTM-42

- Hydraulic Tapping Spindle • Parallel Arm • Slanted Arm • Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters • Cast Iron Work Cart
- Electric Motor, Hydraulic Pump, Hydraulic Box • Electric-Controlled Device

HTM-32 ★★★ Hydraulic Tapping Machine

- For Tap: M4 - M32
- Speed: 0-500 / 0-105 RPM
- Work Range:
 - R max: 1,900 mm
 - R min: 200 mm
- Voltage: 220/380 V, 50/60 Hz, 3-PHASE
- Electric Motor: 3 HP
- Hydraulic Pressure: 100 kg/cm²
- Weight:
 - N.W: 400 kg
 - G.W: 500 kg



HTM-42 ★★★ Hydraulic Tapping Machine

- For Tap: M4 - M42
- Speed: 0-400 / 0-75 RPM
- Work Range:
 - R max: 1,900 mm
 - R min: 200 mm
- Voltage: 220/380 V, 50/60 Hz, 3-PHASE
- Electric Motor: 3 HP
- Hydraulic Pressure: 100 kg/cm²
- Weight:
 - N.W: 400 kg
 - G.W: 500 kg



Standard Accessories For HTM-32A, HTM-42A

- Hydraulic Tapping Spindle • Parallel Arm • Slanted Arm • Table Mounting Column
- Choose Any Six Safety Clutch Tapping Adapters • Work Cart
- Electric Motor, Hydraulic Pump, Hydraulic Box • Electric-Controlled Device

HTM-32A ★★★ Hydraulic Tapping Machine

- For Tap: M4 - M32
- Speed: 0-500 / 0-105 RPM
- Work Range:
 - R max: 1,900 mm
 - R min: 200 mm
- Voltage: 220/380 V, 50/60 Hz, 3-PHASE
- Electric Motor: 3 HP
- Hydraulic Pressure: 100 kg/cm²
- Weight:
 - N.W: 300 kg
 - G.W: 400 kg



HTM-42A ★★★ Hydraulic Tapping Machine

- For Tap: M4 - M42
- Speed: 0-400 / 0-75 RPM
- Work Range:
 - R max: 1,900 mm
 - R min: 200 mm
- Voltage: 220/380 V, 50/60 Hz, 3-PHASE
- Electric Motor: 3 HP
- Hydraulic Pressure: 100 kg/cm²
- Weight:
 - N.W: 300 kg
 - G.W: 400 kg



ATM-ARD

Auto Reverse Device

- For Air Tapping Machine: ATM-12, ATM-16, ATM-20, ATM-22, ATM-24, ATM-27, AT-12, AT-24, AT-27



HTM-DC

Depth Controller

- For Hydraulic Tapping Machine: HTM-32, HTM-42, HTM-32A, HTM-42A



ATM-90DEGREE12 ATM-90DEGREE16 ATM-90DEGREE20 ATM-90DEGREE22 ATM-90DEGREE24 ATM-90DEGREE27

90° & Various Degree Tapping Device

- For Air Tapping Machine: ATM-12, ATM-16, ATM-20, ATM-22, ATM-24, ATM-27, AT-12, AT-24, AT-27
- Weight: 2 kg



ATM-300MB 300kg ATM-600MB 600kg

Portable & Moveable Magnetic Base



Model No.	Holding Power	Dimension L x W x H	Applicable For Model	Weight
	kg	mm		kg
ATM-300MB	300	150 x 90 x 93	ATM Series, AT-12	10
ATM-600MB	600	224 x 115 x 120	AT-24, AT-27	23

SA-TC001

Professional Air Tapping Chuck

- Tapping Capacity:
3 - 8mm (Iron)
- For Drilling Machine,
Electric Drill & Air Drill
- Taper: B12



SA-TC002

Professional Air Tapping Chuck

- Tapping Capacity:
3 - 8mm (Iron)
- Taper: B12



SA-TC003 / SA-TC004

Adjustable Air Tapping Chuck

- Tapping Capacity (Iron):
M3 - M12
- Length: 4.72" (120mm)
- Weight: 0.86 kg (1.90 lb)
- Taper: B12 For SA-TC003
B16 For SA-TC004



INT-B12/19 TC312 (M2-M14)
INT-B16/19 TC312 (M2-M14)
INT-B16/31 TC820 (M14-M24)
INT-B18/19 TC312 (M2-M14)
INT-B18/31 TC312 (M2-M14)

Spindle Chuck



TC Series

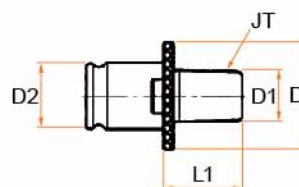
Drill Chuck



Model No.	Capacity		Taper Mount No. Din or Jacobs	Length (mm)		Outer Dia mm	Weight kg
	mm	Inch		Open	Closed		
TC-8H	0 - 8	0 - 5/16	JT2	68	76	38	0.39
TC-13H	0 - 13	0 - 1/2	JT6	90	102	48	0.92

TC-JT Series

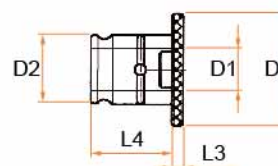
Drill Chuck Collet



Model No.	For Drill Chuck	Capacity	D mm	D1 mm	D2 mm	L1 mm	Weight kg
		mm					
TC1-JT2	8H	0 - 8	30	13.94	19	31	0.06
TC1-JT6	13H	0 - 12	30	17.17	19	34	0.06
TC2-JT6	13H	0 - 12	48	17.17	31	37	0.3

TRE Series

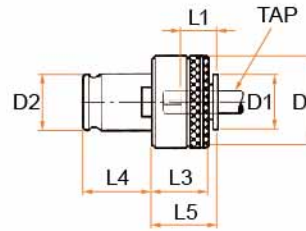
Tapping Adaptor For Reducing



Model No.	Suitable Adaptors Size	For Adaptors Size	D	D1 mm	D2 mm	L3 mm	L4 mm	Weight kg
			mm					
TRE2/1	2	1	48	19	31	5	35	0.17
TRE3/2	3	2	70	31	48	6	55.5	0.60

TCS Series

Tapping Adaptor w/ Safty Clutch



Model No.	For Tap	Suitable Adaptors Size	D	D1	D2	L1	L3	L4	L5	Weight
			mm	mm	mm	mm	mm	mm	mm	kg
TCS1B	M2 - M14	1	32	19	19	17	24.5	21.5	26	0.15
TCS2B	M8 - M30	2	50	30	31	30	31	35	33	0.55
TCS3B	M16 - M42	3	72	47	48	44	41	55.5	50	1.70

JIS

Metric	UNC	Dimension	
		Dia Ø	Square □
M2	-	3	2.5
M3	-	4	3.2
M4,M4.5	-	5	4
M5,M5.5	-	5.5	4.5
M6	W1/4	6	4.5
-	W5/16	6.1	5
M8,M7	-	6.2	5
M10,M9	W3/8	7	5.5
M11	W7/16	8	6
M12	-	8.5	6.5
-	W1/2	9	7
M14,M15	W9/16	10.5	8
-	W5/8	12	9
M16	-	12.5	10
M17	-	13	10
M18	W3/4	14	11
M20	-	15	12
M22	W7/8	17	13
M24,M25	-	19	15
M26,M27	W1	20	15
M28	-	21	17
-	W1-1/8	22	17
M30	-	23	17
M32	W1-1/4	24	19
M33	-	25	19
M34,M35	W1-3/8	26	21
M36,M38	-	28	21
M39,M40	W1-1/2	30	23
M42	W1-5/8	32	26
M45	W1-3/4	35	26
M48	W1-7/8	38	29

PT	PF		
1/8	1/8	8	6
1/4	1/4	11	9
3/8	3/8	14	11
1/2	1/2	18	14
-	5/8	19	15
3/4	3/4	23	17
-	7/8	24	19
1	1	26	21
-	1-1/8	28	21
1-1/4	1-1/4	32	26
1-3/8	1-3/8	35	26
1-1/2	1-1/2	38	29

DIN

Dimension Dia.xSquare	DIN 352	DIN 371
2.5x2.1	M1	M1
	M1.1	M1.1
	M1.2	M1.2
	M1.4	M1.4
	M1.6	M1.6
	M1.8	M1.8
2.8x2.1	M2	M2
	M2.2	M2.2
	M2.5	M2.5
3.5x2.7	M3	M3
4x3	M3.5	M3.5
4.5x3.4	M4	M4
6x4.9	M5	M5
	M6	M6
	M8	-
7x5.5	M10	-
8x6.2	-	M8
9x7	M12	-
10x8	-	M10
11x9	M14	-
12x9	M16	-
14x11	M18	-
16x12	M20	-
18x14.5	M22	-
	M24	-
20x16	M27	-
22x18	M30	-
25x20	M33	-
28x22	M36	-
32x24	M39	-
	M42	-
	M45	-
36x29	M48	-
40x32	M52	-
45x35	M56	-
	M60	-

ISO

Dimension Dia.xSquare	Metric	
2.24x1.8	M3	-
2.5x2.0	M3.5	M2
2.8x2.24	-	M2.2
	-	M2.5
3.15x2.5	M4	M3
3.55x2.8	M4.5	M3.5
4x3.15	M5	M4
4.5x3.55	M6	-
5x4	-	M5
6.3x5	M8	M6
8x6.3	M10	M8
9x7.1	M12	-
10x8	-	M10
11.2x9	M14	-
12.5x10	M16	-
14x11.2	M18	-
	M20	-
16x12.5	M22	-
18x14	M24	-
20x16	M27	-
	M30	-
	M33	-
22.4x18	M36	-
25x20	M39	-
28x22.4	M42	-
31.5x25	M45	-
	M48	-
	M52	-
35.5x28	M56	-
40x31.5	M60	-
	M64	-

ANSI(USA)

Dimension		Much. Screw Size No.	Nominal Fractional Diameter Inches
Shank	Square		
0.141	0.110	0	1/16
0.141	0.110	1	-
0.141	0.110	2	-
0.141	0.110	3	3/32
0.141	0.110	4	-
0.141	0.110	5	1/8
0.141	0.110	6	-
0.168	0.131	8	5/32
0.194	0.152	10	3/16
0.220	0.165	12	-
0.255	0.191	14	1/4
0.318	0.238	-	5/16
0.381	0.286	-	3/8
0.323	0.242	-	7/16
0.367	0.275	-	1/2
0.429	0.322	-	9/16
0.480	0.360	-	5/8
0.542	0.406	-	11/16
0.590	0.442	-	3/4
0.652	0.489	-	13/16
0.697	0.523	-	7/8
0.760	0.570	-	15/16
0.800	0.600	-	1
0.895	0.672	-	11/16
0.896	0.672	-	11/8
1.021	0.766	-	13/16
1.021	0.766	-	11/4
1.108	0.831	-	15/16
1.108	0.831	-	13/8
1.233	0.925	-	17/16
1.233	0.925	-	11/2
1.305	0.979	-	15/8
1.430	1.072	-	13/4
1.519	1.139	-	17/8
1.644	1.233	-	2
0.3125	0.234	-	1/16 NPT
0.4375	0.328	-	1/8 NPT
0.5625	0.421	-	1/4 NPT
0.7000	0.531	-	3/8 NPT
0.6875	0.515	-	1/2 NPT
0.9063	0.679	-	3/4 NPT
1.1250	0.843	-	1 NPT
1.3125	0.984	-	1 1/4 NPT
1.5000	1.125	-	1 1/2 NPT

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