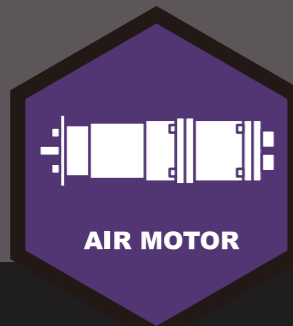




OTHER PRODUCTS



CORE KNOCKOUT HAMMER



AIR MOTOR



OTHER PRODUCT

Torque Tester

Applications

- Torque reading and adjustment of pulse wrenches and nut runners.
- Torque reading of torque wrenches.
- Torque reading and adjustment of impact wrenches (at less than 120 Nm).

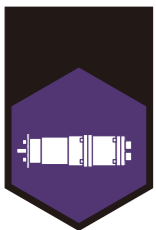
Features

- Clear and easy to read LED digital display.
- Peak hold function.
- Can be measured at both forward and reverse rotation.
- Blow counter
- Results can be downloaded to PC with USB port.
- Adjustable auto-clear function.
- Automatic power off function.



TMC-200A

Model (Code)	Torque		Blow		Power	Length		Weight	
	Measuring range Nm	Measuring accuracy %	Range blow	Time sec		Amp mm / in	Sensor head mm / in	Amp kg / lb	Sensor head kg / lb
TMC-200A (60073)	3.0 to 200.0	± 0.5%	0 to 99	0.1 to 9.9	Rechargeable battery (NiCd 1.2V 700mAh x5 Cells) Charger: AC100V to 240 V Automatic power off (after 5 mins.)	mm: 148 x 48 x 115 in : 58 ¹ / ₄ x 18 ¹ / ₁₆ x 45 ⁵ / ₁₆	mm: 110 x 72 x 110 in : 43 ⁵ / ₁₆ x 28 ⁵ / ₁₆ x 43 ⁵ / ₁₆	0.6 kg 1.3 lb	1.8 kg 3.9 lb



Air Mortar

Compact, powerful and durable air motor for a wide range of applications.



CM-14020C

Model	Code	Max. free speed	Max. Torque	Max. Output	Overall length		Weight		Air inlet thread	Hose size		Average air consumption	
		min ⁻¹	Nm	kw	mm	in	kg	lb	Rc	mm	in	m ³ /min	cfm
CM-14020C	70002	200	160	0.96	337	13 ¹ / ₄	8.7	19.2	3/8	12.7	1/2	1.4	49.4

Core Knock-out Hammers

The NPK Core Knock-out Hammers are very powerful, highly durable, air powered tools for removing sand from casting with blows. They have been used in foundries and steel mills for decades.

For example: an automobile engine block is cast from molten material. It requires a complicated heat-absorbing oil passage in the closed foundry molding. Sand core is cast in the mold to form oil passages. After the mold cools, the knock-out hammer rattles the sand core with its impact blows, and the casting with oil passages can be removed from the mold.

Standard Model



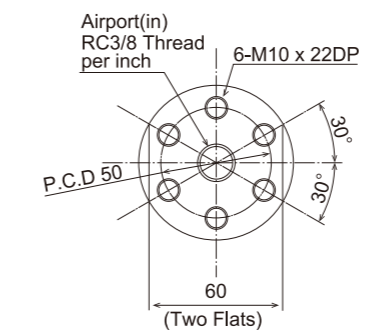
Quick Change Chisel Type



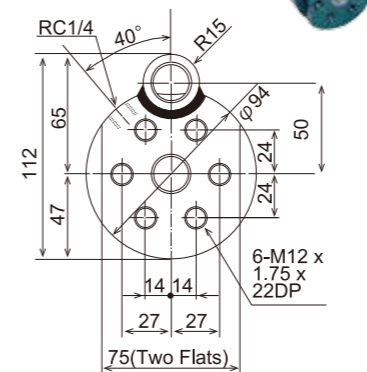
NC-50TSHD (-S) : installing a chisel



Flange for NC-50TBH, NC-50TD, NC-50TSHD, NC-50TSHD-S



Flange for NC-501



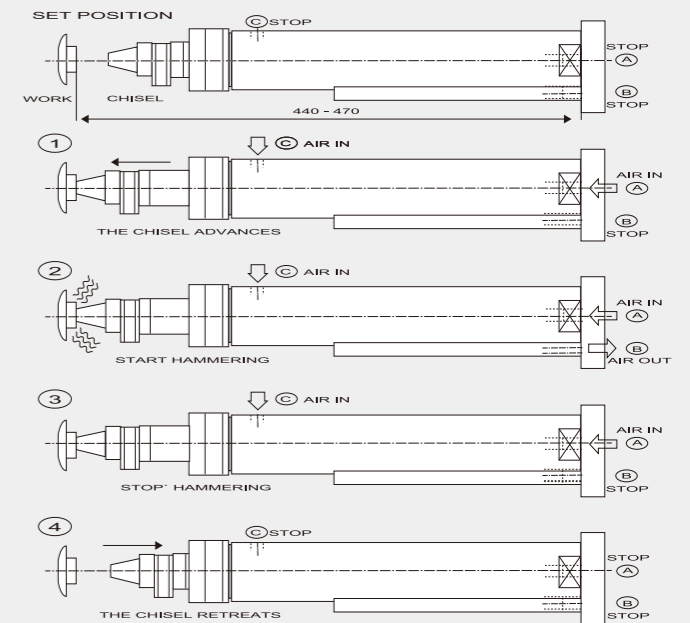
High Function Model



NC-501 Features:

1. Easy positioning adjustment by double-action cylinder.
2. Impact blows are easily controlled to help prevent excessive wear or breakage.
3. Blank hammering is reduced.
4. High-precision parts result in effective impacting blows.
5. DLC (Diamond-Like Carbon) coated piston provides a high lubricating quality and improved durability.

NC-501 : principle of operation



Air from inlet A feeds the cylinder forward to the work and the unit activates. Air is regulated from inlet C to control the amount of pressure applied to the work.

NPK offers the custom made hammers for your industrial application. Please contact us for more information.

Model	Code	Blow per minute	Piston diameter		Piston stroke		Air Cylinder stroke		Overall length		Weight		Air inlet thread	Hose size		Average air consumption	
		min ⁻¹	mm	in	mm	in	mm	in	mm	in	kg	lb	Rc	mm	in	m ³ /min	cfm
NC-50TBH	70050	3400	28.6	1 ¹ / ₈	50	1 ³¹ / ₃₂	-	-	578	22 ³ / ₄	12.5	27.6	3/8	12.7	1/2	0.85	0.6
NC-50TD	70048	3400	28.6	1 ¹ / ₈	50	1 ³¹ / ₃₂	-	-	346	13 ⁵ / ₈	7.5	16.5	3/8	12.7	1/2	0.85	0.6
NC-50TSHD	70238	3400	28.6	1 ¹ / ₈	50	1 ³¹ / ₃₂	-	-	532	20 ¹⁵ / ₁₆	13.0	28.7	3/8	12.7	1/2	0.85	0.6
NC-50TSHD-S	70336	3400	28.6	1 ¹ / ₈	50	1 ³¹ / ₃₂	-	-	346	13 ⁵ / ₈	7.0	15.4	3/8	12.7	1/2	0.85	0.6
NC-501	71512	1100/950	28.0	1 ⁷ / ₆₄	120	4 ²³ / ₃₂	60	2 ²³ / ₆₄	421	16 ³⁷ / ₆₄	15.9	35.1	1/2	12.7	1/2	0.43/0.31	0.4/0.25