

**Your Best Buy**





## ASSOCIATED PNEUMATIC INDUSTRIES PVT. LTD.

Established in 1977 with a feeling of social responsibility of creating employment opportunity and meet other social obligations. The entrepreneurs possessed sufficient technical competence, wide experience and expertise to produce Pneumatic Tools and dedication to achieve perfection.

The unit of API started in a small shop at Kalyani in the industrially backward district of Nadia near Kolkata. Different products have different field of application such as mines, quarries, steel plants, smelting plants, construction, water well drilling, wagon building. This is the only established manufacturer of these items in eastern India.

API believes in development of human resources, cultivate a close relationship among people and society a sense of dedication to achieve goal. The unit progressed with steady growth expanding its business in different parts of the country. Keeping pace with the expanding business, API instituted expansion in different sections. API put incessant effort for quality improvement and innovation to achieve excellence. It developed Import Substitution through its research and development activities and developed Valve less DTH Hammer from Valve DTH Hammer. The Company is in pursuit of more improved version of this item and also other items. API added Hydraulic products to its range of products.

With the passage of time huge expansion has taken place in different fields throughout the country with increasing demands for popular API's products. To cope with this API thoroughly modernized its factory by installing sophisticated plants and machineries and restructured different section for development of new generation products. In addition to the technological strength and expertise of its personnel API takes the help of National Test House and Central Mechanical Engineering Research Institute. API also taking help of American Petroleum Institute (API) and ASTM for standardizing its products to global presence.

## Why API 'Your Best Buy'

- Strict quality control to attain highest standard
- Delivery on time
- Strong R&D section
- Highest design specifications
- Manufacturing with most advance technology
- Delivery of a superior product to the customer
- Suitable for the toughest working condition
- More economical compared to any competitive product.
- Production at M/C with latest software
- Application of latest heat treatment technology

## Field of Expertise

- Mines
- Quarries
- Water well drilling
- Smelting plants
- Construction
- Steel Plant
- Road/concrete breaking
- Rock Breaking
- Big Bore Piling

## Range of Products

- Valveless DTH Hammer for 152-165 mm holes
- Valveless DTH Hammer for 105-114 mm holes
- Valve DTH Hammer for above hole ranges
- Drill Rod (Tube): Diameter 3" (76mm) – 8" (203mm)
- Moil Point for Demolition Tool
- Chisel Point for Demolition Tool
- Chisel of any type
- Heavy Duty Moil Point for Hydraulic Rock Breaker
- Heavy Duty Chisel Point for Hydraulic Rock Breaker
- Hydraulic Cylinder





**DTH - Hammer**

Needed for Drilling in rock for blasting in Mines like Iron, Copper, Lead, Zinc, Coal, Quarries of Cement industry also used for Water Well drilling.  
'API'-Hammers available in ranges of 105mm-114 mm holes and 152mm-165 mm holes it is suitable for high air pressure (150 psi – 250 psi).  
'API' hammers manufactured in modernized workshop with most advance technology. High rate of penetration .Reversible wear sleeve prolongs hammer life. Low maintenance cost. Fuel efficient, most economical per foot/mtr. of drilling.



**Drill Rod**

Drill Rod used with Drilling Rig for drilling in rock for lowering -DTH Hammer and Bit underground. Made of seamless steel tube fitted with alloy steel tool joints with BECO thread. Diameter range 3 inch.(75mm) to 8 inch.(200mm) and length vary 6ft.(1.8 mtr.) to 25ft.(7.5mtr.)- single length and 10 mtr. in combine length suitable for all latest rig machine's drill rod carrier or depending on customer need.  
For 'API's HEMM drilling area 8inch.(200mm) diameter and 30ft.(9mtr.) long. Manufactured with most advance technology for much superior quality and suitable for any rock strata.



**Moil Point**

API's Moil Point is used with demolition tool for breaking concrete, road, soft rock at dam site, also for breaking hard jams in steel plant, smelting plants of copper, aluminium, lead-zinc. Made of specially selected high carbon alloy tool steel. Shank and collar are integral part of the tool formed by applying advanced technology to eliminate least chance of eccentricity. Heat treated in induction furnace for zonal hardness at shank, body and cutting edge to withstand the toughest application. Undergoes rigorous test specification and in-house test trial before despatch.



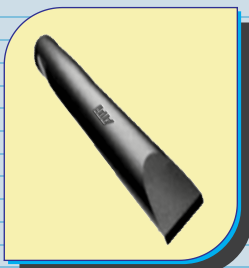
**Chisel Point**

API's Chisel is used with Chipping Hammer for felting of heavy casting in foundries of steel plants, wagon builders, locomotive producers, etc. Made of shock resisting alloy tool steel of specific grade, heat treated in induction furnace for localized hardening at shank and at cutting edge for a super quality item suitable for any though application. Available in 22mm hexagon or round section chisel of various shapes and length produced as per customer's need. Chisel suitable to work with Chipping Chisel of any established make as CPT, Atlas Copco, Kirloskar Pneumatic Co.



**Hydraulic Moil Point**

API's Hydraulic Moil Point are used with Hydraulic Rock Breaker for breaking bulky rock boulders in mines and quarries in medium and hard rock areas. These are also used to break solidified slags and hard jams in foundries and smelting plant of copper, alumini, lead, zinc etc. Where manual handling with light tool or jack hammer fails. API products are suitable for working with any Rock Breaker of reputed make. API's continuing efforts to improve quality make the products more efficient productivity and profitable for the customer.



**Hydraulic Chisel Point**

API's Hydraulic Chisel Point is used with Hydraulic Rock Breakers for breaking of rock boulders in mines and quarries. For Breaking of solidified slags and jams in foundries and smelting plants where manual handling with other light tools fails. Selected alloy steel manufactured with strict quality control and hardened in induction furnace. Suitable for any though application. Produced as per customer's requirement. Suitable for Rock Breaker of any reputed make.

## WE SERVE THE NATION THROUGH

- SAIL-RAW MATERIALS DIVISION
- BOKARO STEEL PLANT
- BHILAI STEEL PLANT
- HINDUSTAN ZINC LTD.
- HINDUSTAN COPPER LTD.
- RAJASTHAN STATE MINES AND MINERALS LTD.
- HINDUSTAN ALLUMINIUM
- THE ORISSA MINERALS DEVELOPMENT CO. LTD.
- ESSEL MINING AND INDUSTRY LTD.
- PHE (Different States)
- L & T - ECC DIVISION

## REGISTERED WITH

- SSI
- NSIC
- ISO 9002 - 14000

# DEALER

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