

TILLAGE TOOLS
AND WEAR PARTS

TILLAGE TOOLS AND WEAR PARTS



NIPHA 50
years of
engineering

www.niphaindia.com
nipha@niphaindia.com

TILLAGE TOOLS
AND WEAR PARTS

ABOUT US

NIPHA produces customized tillage tools and wear parts for mechanized farming and other ground engaging activities as per OEM specification. All the products are made to provide extra strength and wear resistance, and longer fatigue life.



www.niphaindia.com
nipha@niphaindia.com

RANGE OF PRODUCTS



- Cast Clamps
- Chromium Carbide Products
- Cultivator Shanks
- Cutting Edges
- Disc Axles
- Disc Blades
- Draw Bars
- Fabricated Clamps
- Fabricated Teeth
- Flails
- Fertilizer Injection Knives
- Gear Boxes
- Grader Blades
- Hubs and Housings
- Mold Board Assembly
- Packer Wheels
- Peanut Blades
- Plowshares
- Rake Tines
- Roller Rings
- Rotary Tiller Blades
- Scarifier Shanks
- Spider Cultivators
- Spools and Spacers for Disc Harrow
- Sprocket Wheels
- Sub-soiler Points
- Sweeps and Spikes



CULTIVATOR SHANKS AND CHISEL ASSEMBLY

These are manufactured using spring steel, heat treated for more strength and durability. They are assembled using plow bolts.



SCARIFIER SHANKS WITH CRIMP-ON TEETH

These are manufactured using SAE 9260 / SAE 5160 / equivalent spring steel, heat treated to 38-46 RC, to increase strength and wear resistance.

CUTTING EDGES / GRADER BLADES

These are manufactured in various lengths using high carbon steel. They are 6" wide, 3/8" or 1/2" thick, bevelled on both sides, having curvature of 2-7/8".



RAKE TINES

These are manufactured using SAE 9260 / SAE 5160 / equivalent spring steel properly heat-treated to 37-48 RC. These tines are used on all types of rakes.



SWEEPS AN SPIKES

Heat-treated to 38-42 RC, these are manufactured using C1080 / SAE 5160 steel. It features the specially designed curved contours and countersunk hole to prevent excessive wear of bolt head during use.



ROTARY TILLER BLADE

These are manufactured using C1080 / SAE 5160 / SAE 9260 / BORON steel and heat treated for better impact and wear resistance properties. NIPHA manufactured rotary tiller blades are compatible with tillers produced by Agric, Amco, Bush Hog, Howard, John Deere, Kronevator, Kuhn, Land Pride, Maschio, Terranova and many more.



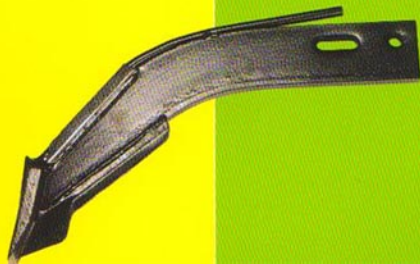
FLAIL CHOPPERS, D-RINGS, U-BARS

These are made of special heat-treated alloy steels like SAE 5160, B1030, etc. to provide extra strength and resilience. Flail Choppers are also available with hard facing.



FRONTSWEPT AND BACKSWEPT FERTILIZER INJECTION KNIVES

These knives have holes and slots for side mounting on standard cultivating shanks. They are available in a variety of wear extending styles with schedule 40 1/8" Black Pipe (1/4 I.D.) for ammonia application. The Frontswept Knife is available in thicknesses of 1/2" and 5/8", while the Backswept Knife is available in thicknesses of 5/16", 3/8" and 1/2".



SUBSOILER POINTS

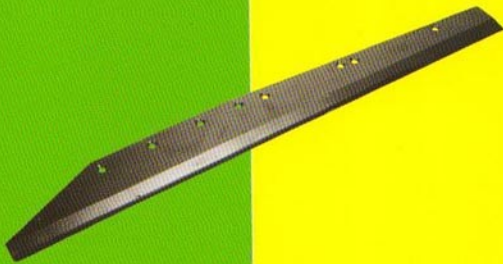
These are produced using C1080 or equivalent high carbon steel as base and mild steel as cap. The base is heat treated to 40-44 RC. Special chromium carbide inserts can also be provided to increase the wear life of points.



DISC BLADES

NIPHA Disc Blades are made from Boron Steel or High Carbon Steels (C1070, C1080, etc.). The disc blades are heat-treated and shot-blasted to provide extra strength, greater fatigue life and longer field life. NIPHA Disc Blades range from 12" to 36" in diameter and from 2.5mm to 12mm in thickness. These can be ordered in plain, notched, flat and wavy varieties.





PEANUT BLADES

These are produced using high carbon steel and heat treated for extra wear resistance. They are used universally on peanut diggers.



PLOWSHARES

Ideal in heavy problem soils, these are flat blade type plowshares made of high carbon steel and heat treated for longer life. NIPHA manufactured plowshares are compatible with International Harvester, Ford, John Deere, White and many others.

GEAR BOXES FOR POST HOLE DIGGERS, ROTARY TILLERS (SINGLE AND MULTI SPEED) AND OTHER MECHANIZED FARM EQUIPMENT

The housing and cover are made from graded cast iron /ductile iron. The shafts, gears and pinions are made from heat treated alloy steel to provide resilience. The gearbox is rugged and designed for continuous use.





SPOOLS AND SPACERS

These are made from cast iron or ductile iron for disk harrows.



MARKETS

NIPHA's customers are spread across the globe from the developing nations of Africa, Indonesia, Malaysia, Thailand to the technologically developed countries of UK, European Union, Canada and USA

Our manufacturing facilities are assessed and certified in accordance to ISO 9001:2008 Quality System for manufacture of earth-moving tools and implements.

QUALITY

ACCREDITATION

ISO 9001 : 2008