

NAVKAR FABTECH LLP

AN ISO 9001:2015 CERTIFIED COMPANY

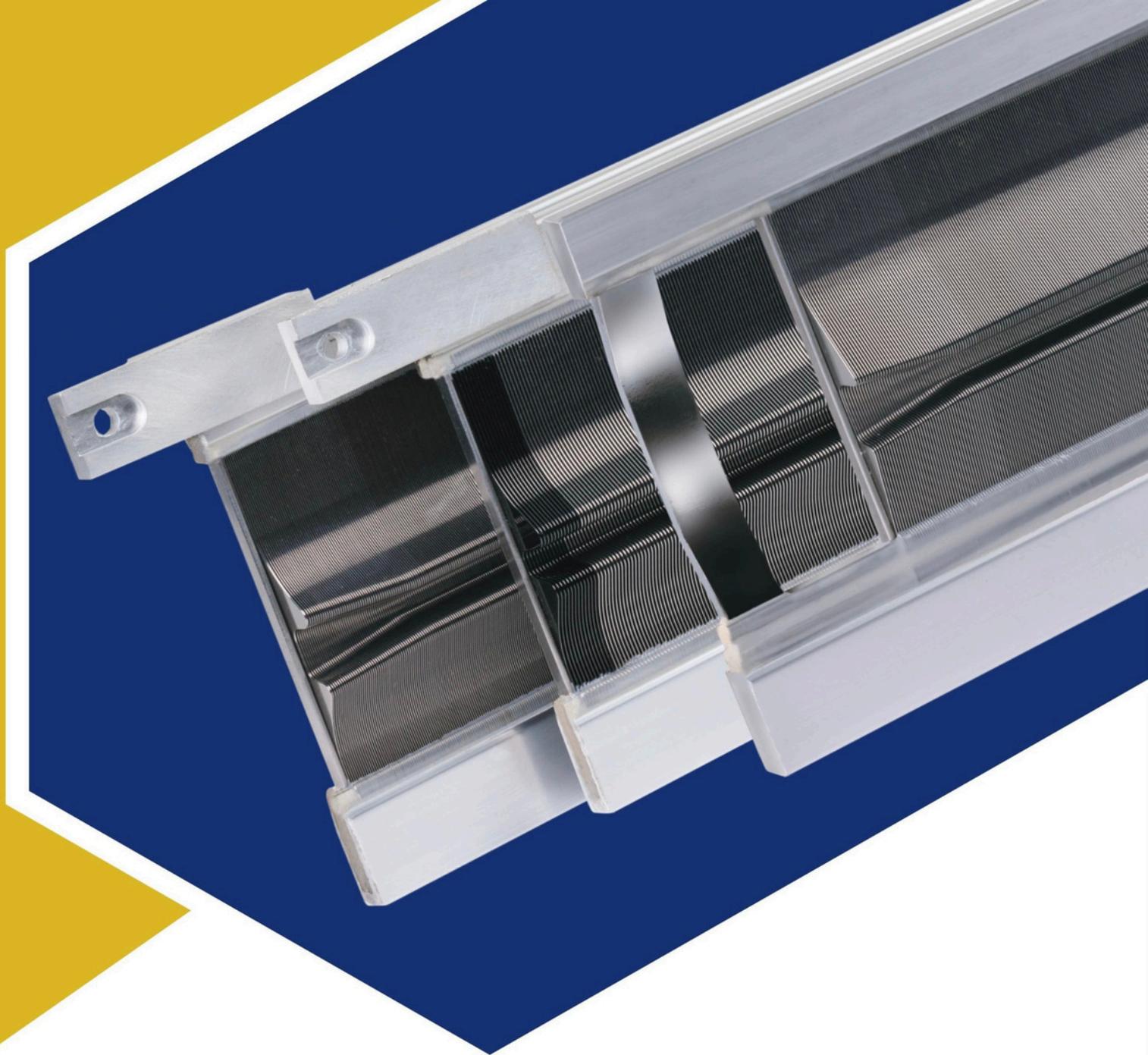
REED BROCHURE



ABOUT US **NAVKAR REEDS**, founded by **Mr. Devendra Bamb** and **Mr. Shital Potdar**, has been manufacturing high-precision weaving reeds since 2020 at Ichalkaranji, India. We specialize in air-jet weaving reeds, engineered to meet exact customer designs and technical specifications. Using state-of-the-art imported machinery, skilled workmanship, and 100% imported raw materials including profile dents, aluminium Channel, binding wires, and epoxy adhesives we ensure superior performance, durability, and consistency. Our advanced, customized reed solutions are designed to enhance productivity, optimize air efficiency, and improve fabric quality. After-sales service is a core strength at **NAVKAR REEDS**. We provide technical support, reed calibration, performance optimization, refurbishment, and fast response service, ensuring maximum reed life and minimum loom downtime.

With strong technical expertise and a customer-centric approach, Navkar Reeds delivers reliable solutions that set new benchmarks in quality, precision, and service

- Profile Dents** : Available Choices SUS 420J2 (available thickness 0.14mm to 0.70mm), Dents with fine surface, uniform colour and shine.
- DLC** : DLC, NAVKAR Extra Hard DLC for Abrasion Resistance.
- Al Channel and epoxy** : Imported Anodized Aluminium Channels and eco-friendly epoxy resin for better strength of the reeds.
- Airflow techniques** : To Optimise the performance and air efficiency of the Reeds with High Tech airflow machine from Japan & Europe.
- NAVKAR Energy Efficient Reeds** : This next generation reeds designed and developed for high speed looms to save air consumption.

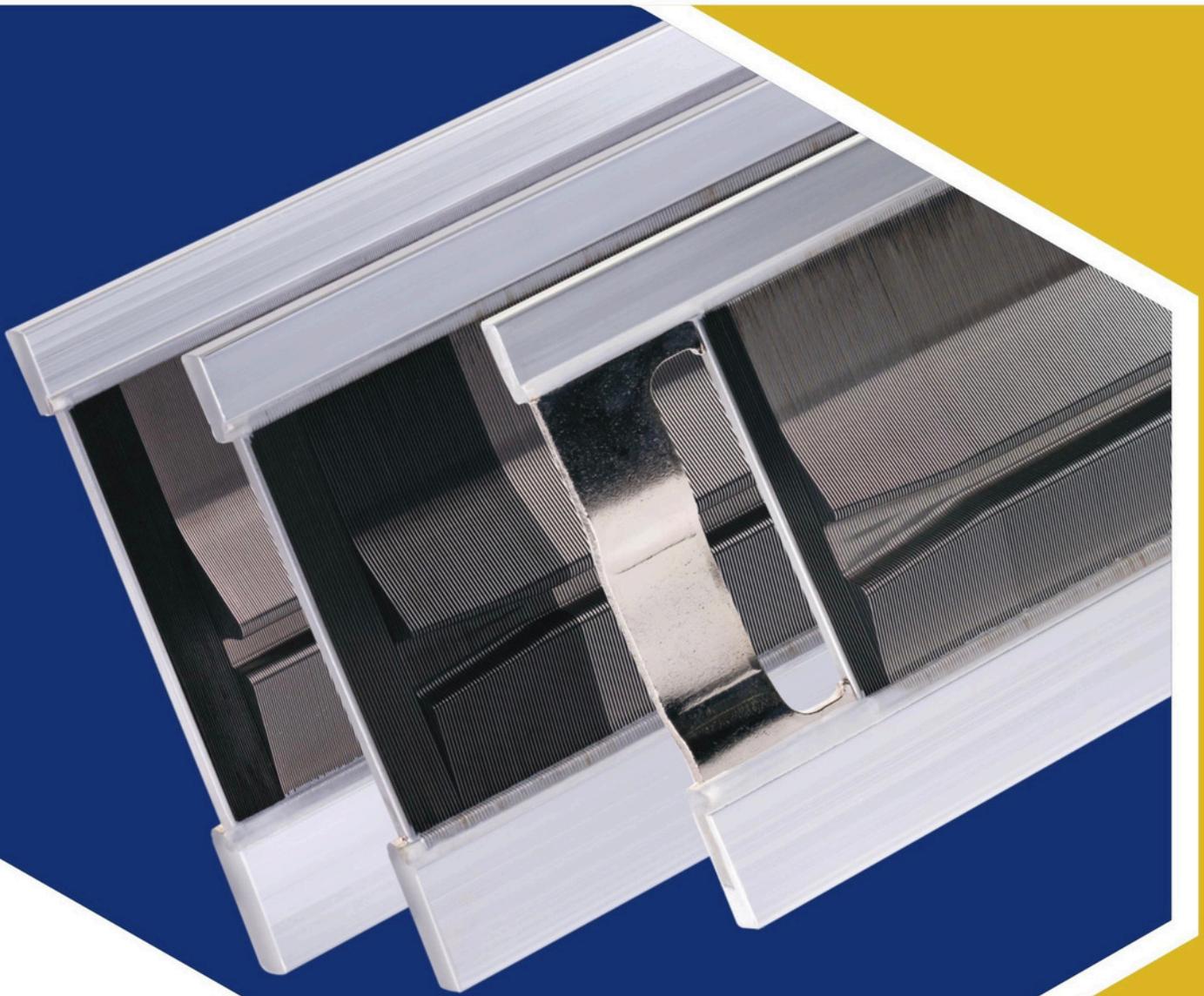


Picanol / Iteima high speed Reed

- * NAVKAR Reeds Running on High speed Picanol Omni, Omni plus, Summum i, Iteima I at maximum RPM.
- * NAVKAR Reeds are made in imported dents with SUS 420 material grade.
- * Accurate Reed assembly gives easy settings, higher efficiency and efficient air consumption on Loom.
- * Air flow settings with high tech European air flow machines for optimum air consumptions.
- * Optimum air consumption savings with fine weft travelling gives maximum efficiency on loom.
- * Smooth tunnel gives you better performance and NAVKAR EXTRA HARD DLC makes life longer.

- * NAVKAR advanced Conical Entry gives perfect weft insertion for better fabric quality.

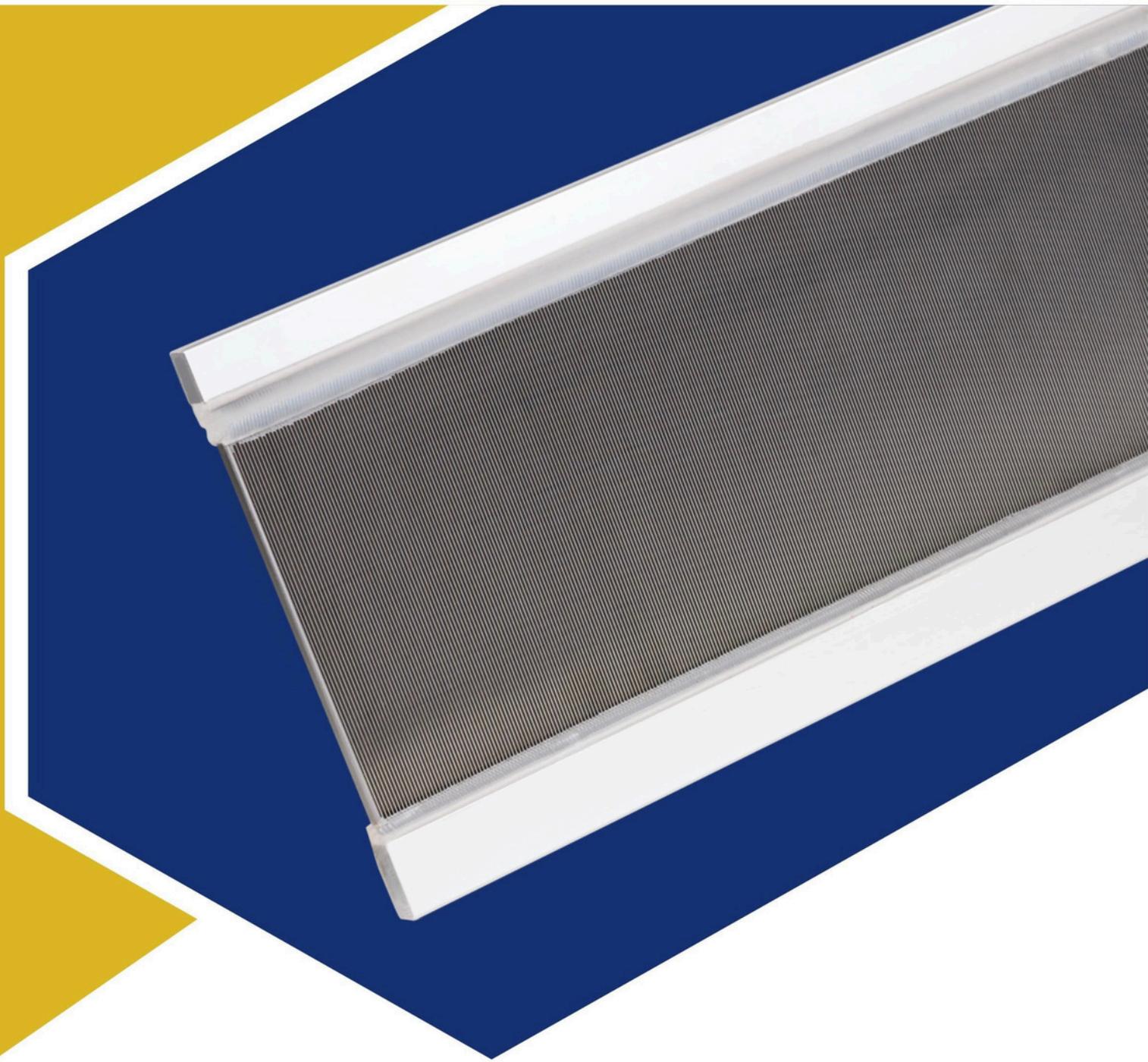
**Reeds available in SUS 420 with
NAVKAR EXTRA HARD DLC,
with wider Conicals from
count range 18 DPI to 70 DPI**



Toyota / Tsudakoma high speed Reed

- * NAVKAR Reeds running on high speed Toyota 710, Toyota 810, Toyota 910 e shedding, Tsudakoma 9200 i and Tsudakoma Neo air jet loom
- * NAVKAR Reeds are made in imported dents with SUS 420 material grade
- * Accurate Reed assembly gives easy settings, higher efficiency and efficient air consumption on Loom
- * Air flow settings with high tech Japanese air flow machines for optimum air consumption
- * Smooth tunnel gives you better performance and NAVKAR HARD EXTRA DLC makes life longer
- * NAVKAR reed performing on highs speed Toyota 810, Toyota 910 e shedding and Tsudakoma Neo at Highest RPM.
- * Optimum air consumption savings with fine weft travelling gives maximum efficiency on loom

**Reeds available in SUS 420 with NAVKAR HARD EXTRA DLC,
with wider Conicals from count range 18 DPI to 70 DPI**



Flat high speed Reed

NAVKAR Brand flat dent Reeds for higher productivity loom types such as Rapier and Projectile looms are manufactured with high quality stainless steel Raw material.

NAVKAR Reeds produces flat dents with exceptional resistance and elongation by the highest precision both in thickness and width by maximum exploitation of the surfaces.

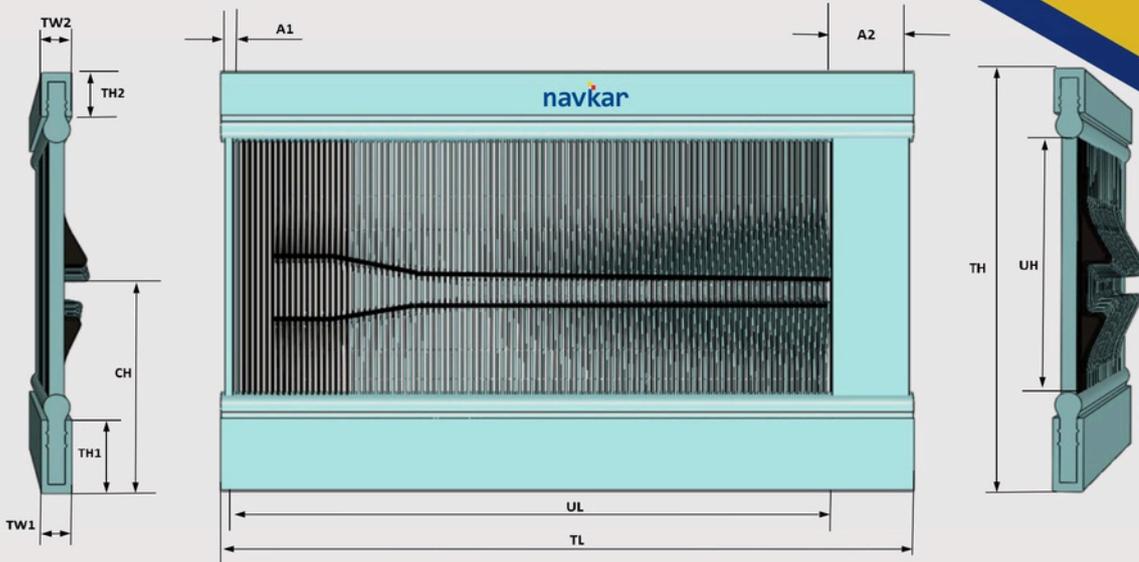
NAVKAR manufactures quality flat reeds for high speed looms with Imported, Indigenous stainless steel, Carbon steel dents of 3mm & 4mm width, high grade aluminium alloy baulk and Epoxy Glue.

NAVKAR Brand flat dent reeds are manufactured using Imported Reed framing machine, precise spacing, straight body, smooth surface high

durability, even and elastic dents flexible enough to absorb shocks and vibration during weaving.

Automation, Best quality raw material selection and tight quality control ensures that NAVKAR Brand Reeds are quality products made for long life and best quality fabric.

We also manufacture Double / Terry Reed, Variable density Reed, Technical Textile Reed and Half Reed.



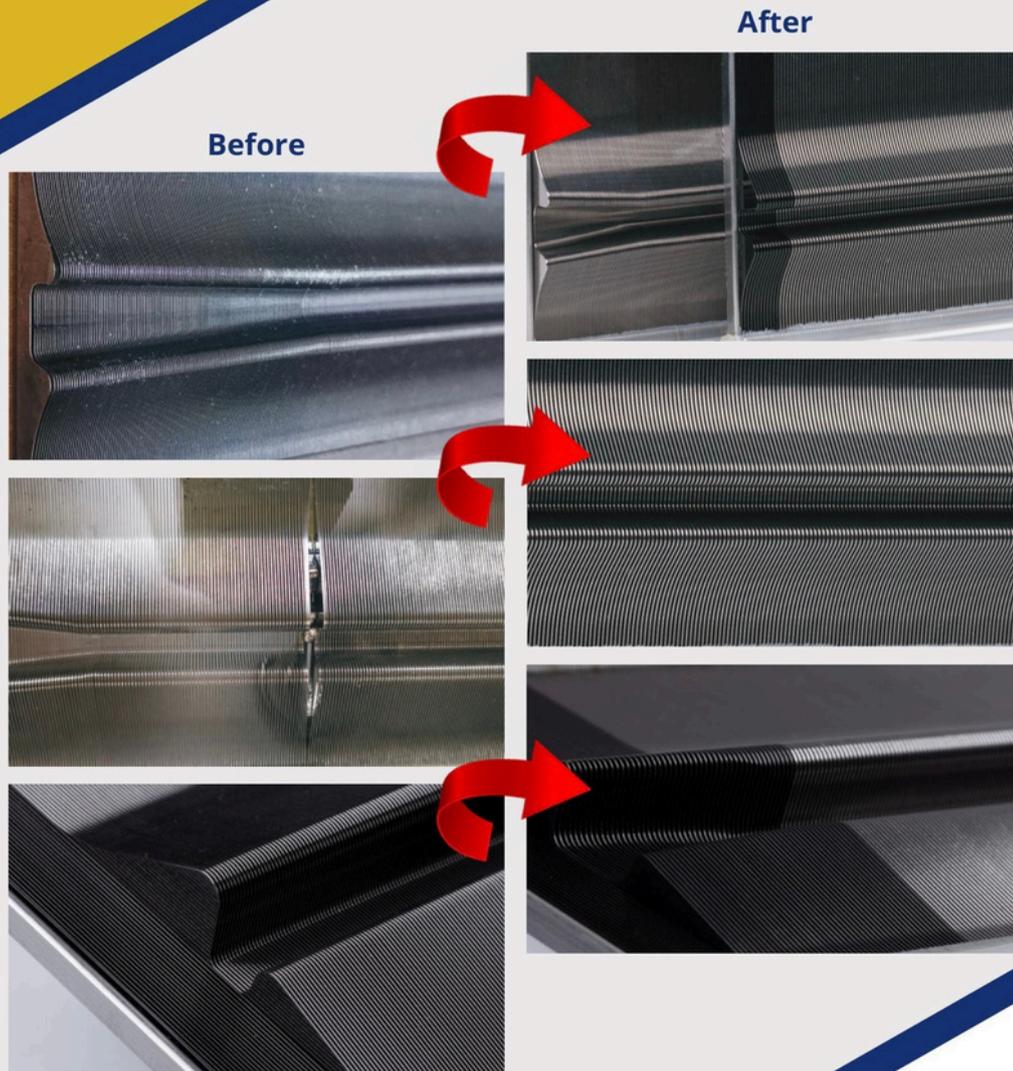
| Customer | Type of Reed | Qty | Reed Count | Dent Thickness | Airspace | Total Length | Total Height |
|------------------|---------------------|-------------|----------------|----------------|----------------|--------------------|---------------|
| --- | Loom Type | 1 | DT / 2 inch | mm | % | TL | TH |
| DLC | DLC MM | Top Profile | Bottom Profile | Start Dent | End Dent | Useful Length | Useful Height |
| Flat + Profile | in mm | TH 2 | TH 1 | A 1 | A2 | UL | UH |
| Extra spring top | Extra Spring bottom | Conical | Conical Length | Airflow in | Channel Height | Total No. of Dents | Dent quality |
| YES/ NO | YES/ NO | YES/ NO | mm | Kgf / Bar | CH | Nos. | SUS 420 / 301 |

Customer Specification sheet

FEATURES :

- * Profile Reeds available all type of Airjet looms
- * Available count range from 36 count to 144 counts.
- * Flat Reeds available for Rapier and Projectile looms.
- * Available count range from 20 count to 200 counts.
- * Special Reeds for Technical Textiles Loom.
- * Reeds available with variable density.
- * Profile Reeds available with SUS 420 material grade

- * Profile Reeds available with NAVKAR EXTRA HARD DLC.
- * NAVKAR Heald wires & Droppers available in all sizes for all type Airjet looms
- * Reed storage rack can be supplied for all types of Reeds.
- * After sales services and repairing available on loom and o ffloom.
- * Ultrasonic Reed cleaning machines, Heald wire & Droppers cleaning machines available on request.



Reed Repair & Maintenance

REMOVAL OF GROOVE FORMATIONS

In case of reed groove formations, we can offer a repair service so that customer can use the same reed with new replaced dents.

- * Available service until 26 DT/CM (132DT/2")
- * Available service only for airjet reeds.

REMOVAL OF DAMAGED DENTS

In case of damaged profile dents due to accident, groove formation or weft detectors going through the reed, we can take off the damaged dents, with this service customer can reuse the same reed without the damaged dents.

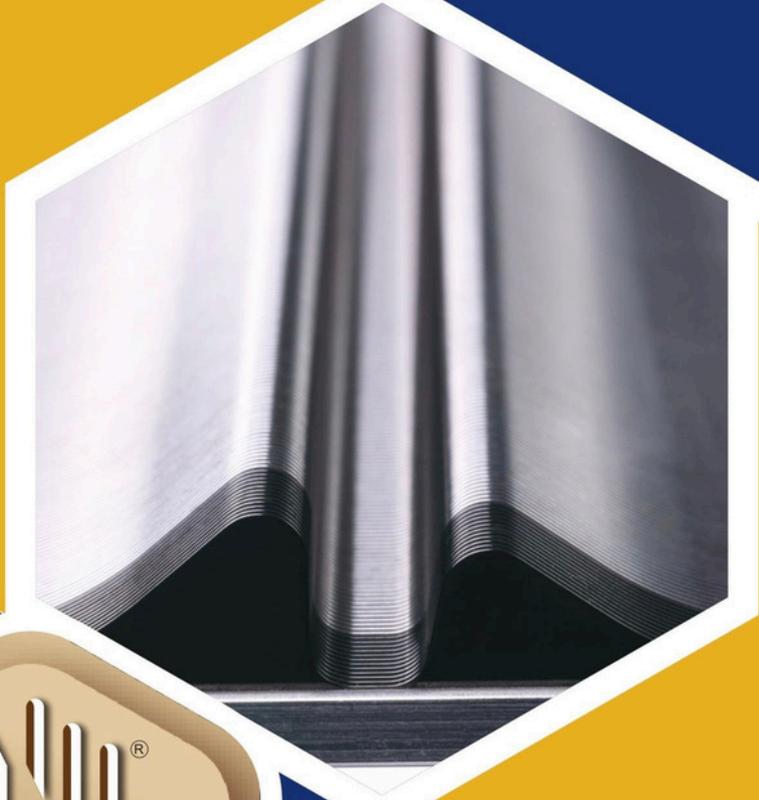
- * Available service until 26 DT/CM (132DT/2")
- * Available service only for airjet reeds

ADDING EXTRA SPRINGS

This service is used by customer where more dent stability is required for already purchased reeds. By adding extra springs on top and/or bottom, a higher dent stability will be achieved. Therefore during the fabric formation, less vibrations will be transmitted to the reed-dents.

OTHER SERVICES :

- * Non - Conical to Conical Reeds (2 color to 4 color)
- * Addition of Extra DLC Wherever required in the reed
- * Count change possible (+/- 2 count up and Down)
- * Change of Aluminum profiles
- * Airflow recalibration
- * Ultrasonic cleaning



Our Other Products

- ▶ **Weaving Preparatory Reeds**
- ▶ **Weaving Beams / Sizing Beams (Nidhi Brand)**
- ▶ **Healds and Dropwires**
- ▶ **Hightspeed Healdframes**
- ▶ **Knotting Machine (Hindtex Brand)**
- ▶ **Ultrasonic Cleaning Machine**
- ▶ **Weaving Spares Manufacturing & Services**

NAVKAR FABTECH LLP

📍 Khanjire Industry, Plot No. 270, near VRL Godown, Industrial Estate,
Ichalkaranji, Kolhapur, Maharashtra 416115

☎ 7448028501, 9380240630, 9822962578

✉ navkarfabtech@gmail.com 🌐 www.navkarfabtech.com