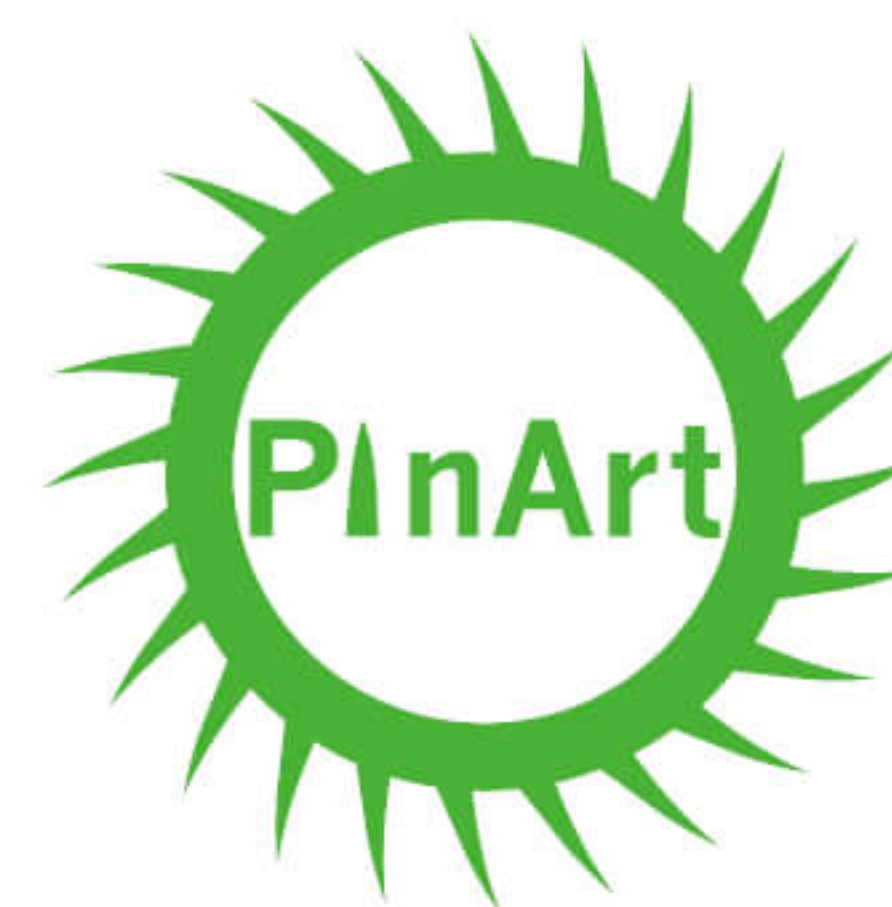
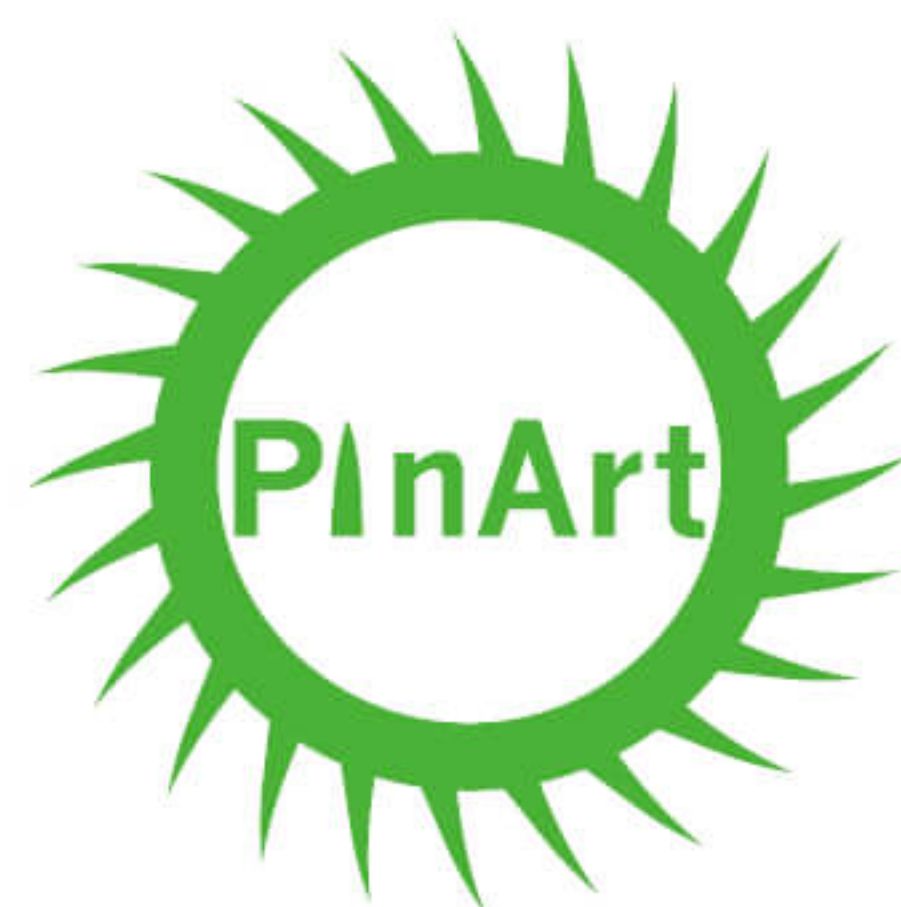




南通博峰机械有限公司
Nantong Braun Machinery Co., Ltd.

**超微刺孔、梳理、压花
解决方案供应商**

Original Design Manufacturer



Solutions for

- Nano/Micro Perforating
- Fibrillating
- Carding
- Embossing

Nantong Braun Machinery Co., Ltd.

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NANTONG BRAUN MACHINERY CO., LTD. with the ownership of Trademark 'PinArt' is a professional manufacturer and supplier in China, focusing on developing, manufacturing and marketing High-Quality pinned products for

- *Nano/Micro Perforating
- *Fibrillating
- *Carding
- *Embossing

...

Our company is equipped with complete facilities, including the state-of-the-art CNC machines and inspection equipments, advanced technology and professionals on the research, manufacturing and inspection. Moreover, our company runs strictly according ISO9001 quality control system to ensure the development, production, sales and after-sales service.

With the philosophy of 'A Passion for Excellence', we insist on innovation, superior service and continuously improving our pinned products to meet customers' requirements. Our pinned products have been sold to Belgium, Switzerland, USA, Lithuania, Vietnam, India, etc and get good reputation.

Our Philosophy:

A Passion for Excellence.

Our Technical Support:

When you need more technical information, you can rely on the expertise of our technical support specialists. They would be happy to give you information on:

- braiding carrier specifications
- braiding carrier performance

Our Customer Service:

We have a first-rate customer service department trained to provide you with accurate answers to all your part questions.

Call us (Mbl: 0086-18015228175) or write to us for:

- Accurate pricing and availability
- Shipping status
- After-sales service



Contents

PERFORATING ROLLERS	
.....	03~06
PERFORATION UNIT & MACHINES	
.....	07~08
FIBRILLATING BARS & FIBRILLATING ROLLERS	
.....	09~10
CARDING STAVES	
.....	11
HACKLING GILLS	
.....	12
NYLON GILLS	
.....	12
EMBOSSING ROLLERS	
.....	12
PINS	
.....	13
PINART IN TEXTILE INDUSTRY	
.....	14



针辊 PERFORATING ROLLERS

塑料薄膜刺孔针辊

鲜花水果袋刺孔针辊

铝箔刺孔针辊

皮革刺孔针辊

干燥剂脱氧剂刺孔针辊

医药食品行业刺孔针辊

编织带刺孔针辊

纸张刺孔针辊

压花针辊

针板

等

Perforating rollers for plastic films;

Perforating rollers for flower, fruit packing papers;

Perforating rollers for aluminium foils;

Perforating rollers for leather;

Perforating rollers for desiccants and deoxidizers;

Perforating rollers for medical and food industries;

Perforating rollers for woven bags;

Perforating rollers for papers;

Perforating rollers for embossing;

Pinned rings

Pin plates

Etc.



应用范围

塑料薄膜、铝薄、皮革、人造革、纺织、无纺布、纸张等

冷刺

冷刺一般应用于热收缩薄膜，低密度聚乙烯，纸张等的刺孔等。

热刺

热刺一般用于聚丙烯，聚录乙烯或热塑性材料的刺孔等



APPLICATION:

Plastic films, aluminium foils, leathers, artificial leathers, textiles, non-wovens, papers, etc.

COLD PERFORATION UNIT

The cold perforation unit is particularly suitable for thermoshrinking films, low density polyethylene and plastic films and paper in general.

HOT PERFORATION UNIT

The hot perforation unit is particularly suitable for polypropylene, PVC or thermoplastic materials.





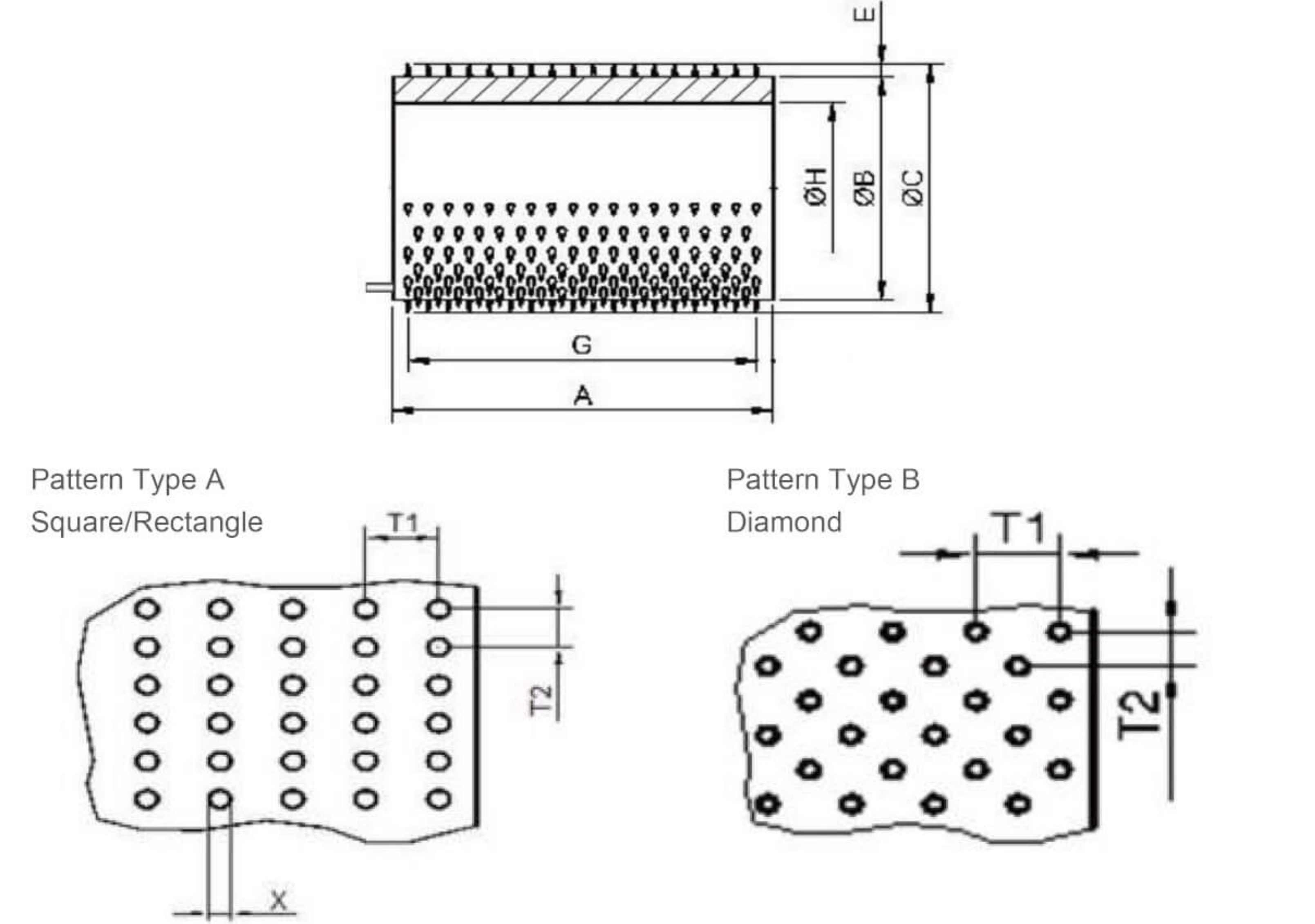
规格范围

钢针直径	根据客户要求，最小直径 0.25mm
植针角度	90° , 85° , 80° , 75° , 70° , 65° , 60° , 55° , 50° , 45°
植针密度	最大 100 针 /cm ²
刺孔深度	最深 8mm
刺孔排列	依据客户要求
辊体直径	10~350mm
辊体长度	最长 300mm
辊体材料	青铜、黄铜、铝合金、钢铁
同心度	0.07mm

SPECIFICATIONS:

Needle diameter: according to customers' requirements, the minimum diameter is 0.25mm;
Angle of inclination: 90°, 85°, 80°, 75°, 70°, 65°, 60°, 55°, 50°, 45°;
Needle density: up to 100 needles/cm ² ;
Drill depth: max 8 mm;
Hole pattern: Almost any pattern is possible, linear, spiral - patterns according the demand;
Diameter of roller: 10~350 mm;
Height of roller: max 300 mm;
Roller material: bronze, brass, aluminium, steel;
Concentricity: High concentricity (0.07mm);

INQUIRY FOR PERFORATION



A Ring length:	mm
B Ring outer diameter:	mm
C Diameter over pins:	mm
E Pin projection:	mm
G Pinning width:	mm
H Ring inner diameter:	mm
T1:	mm
T2:	mm
Ring material:	☐ Bronze ☐ Alum. ☐ Steel
With Core:	☐ Steel ☐ Alum
Pattern type:	☐ A ☐ B ☐ Other (Please define)
Application:	☐ Hot perforation ☐ Cold perforation
Interlocking pin:	☐ Yes ☐ No
Anti-Rotation Pin:	☐ Yes ☐ No

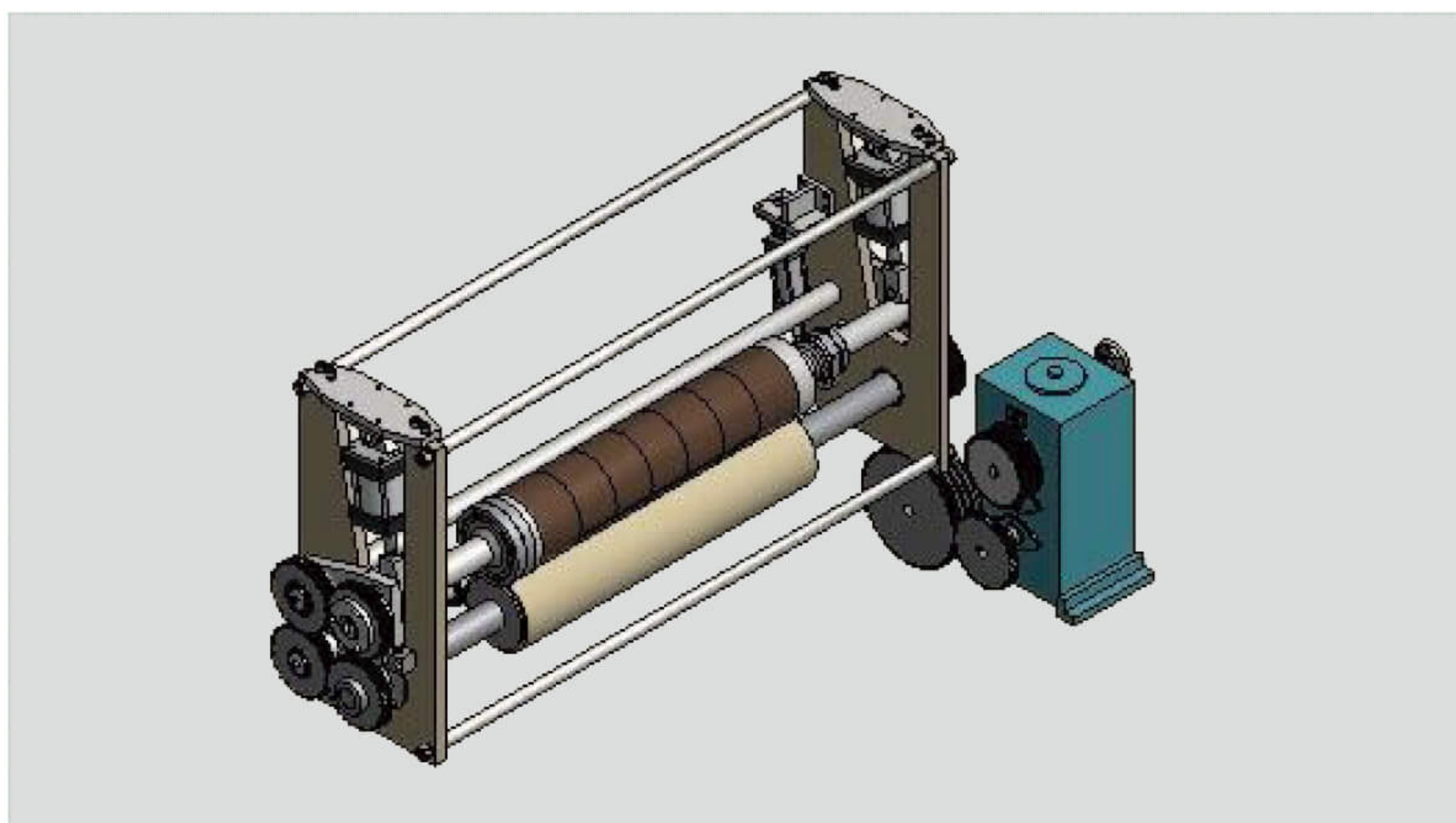
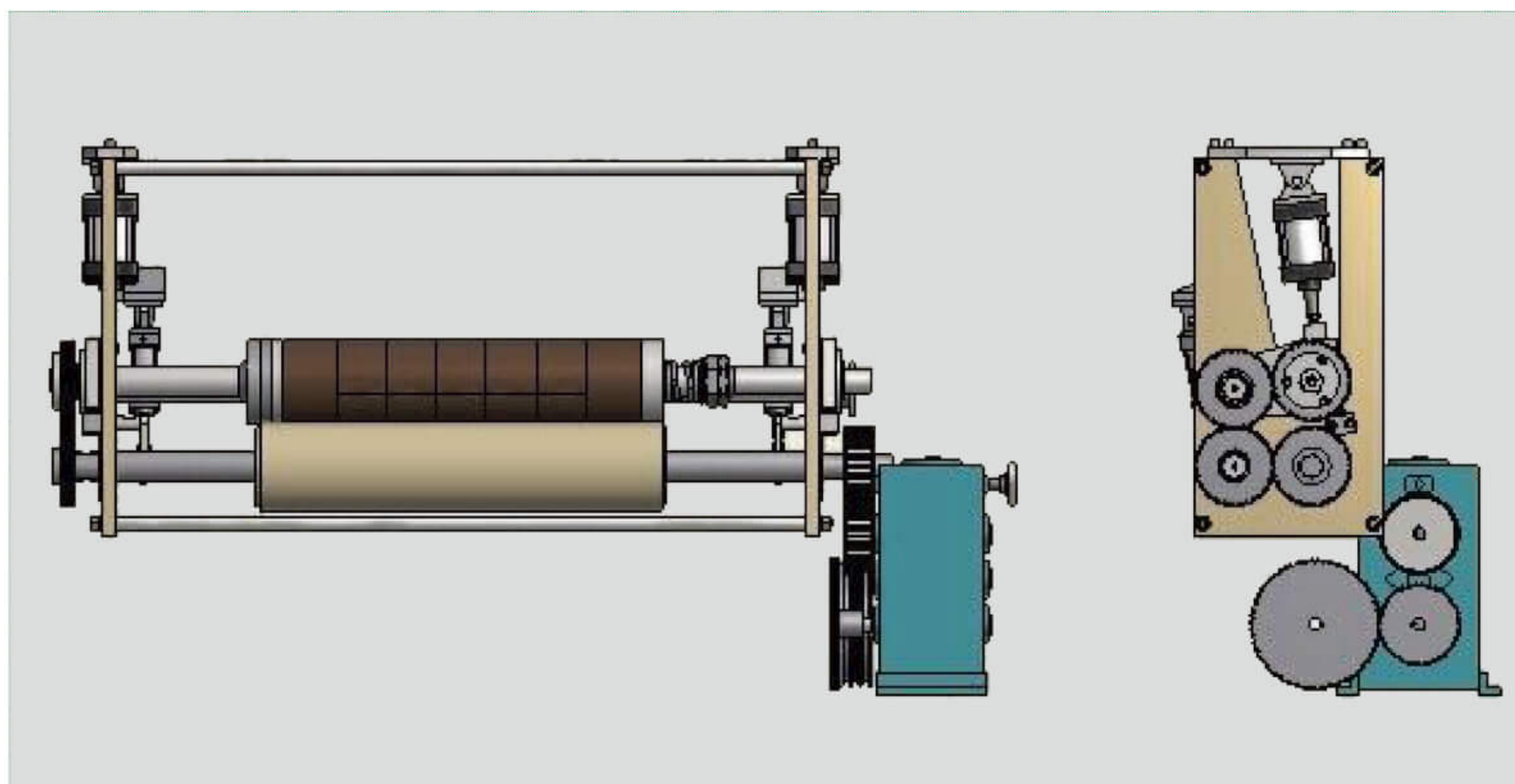
* Perforation roller shaft and counter roller are available on demand.



PERFORATION UNIT & MACHINES

适用材料：塑料薄膜，无纺布等

Applicable Materials: Plastic films, non-wovens, etc.



热刺打孔机 HOT PERFORATING MACHINE

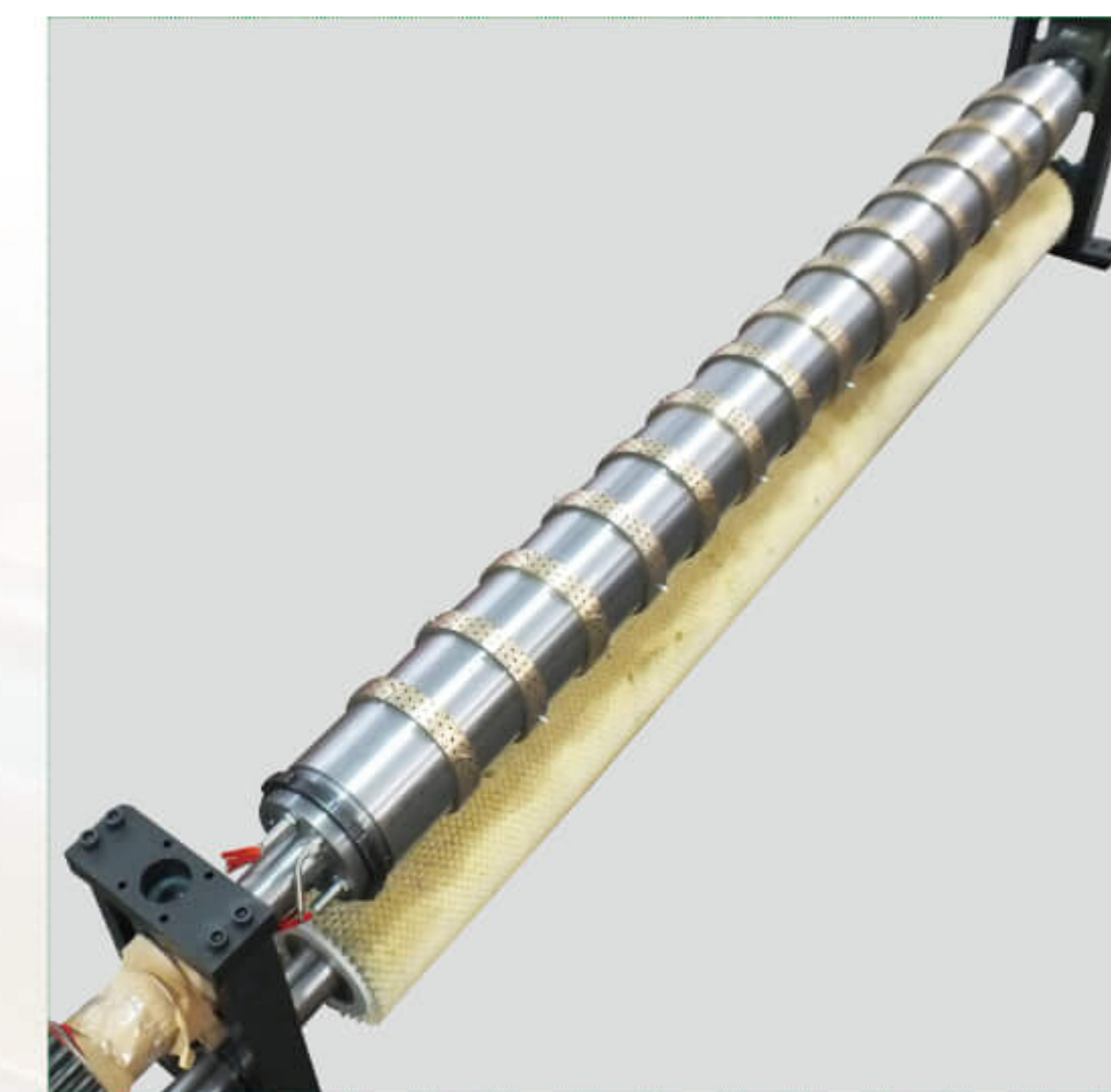
适用材料：塑料薄膜，无纺布等

Applicable Materials: Plastic films, non-wovens, etc.

配置张力控制放卷装置，油温加热针辊打孔装置，输出装置，纠偏自动收卷等。

机械结构科学合理，生产效率高，操作简单，调整方便，集机、电、气一体化，设计完美。

Our machine is equip-ed with tension control unwinding device, oil heating device, output device, correction automatic winding, etc.





FIBRILLATING BARS & FIBRILLATING ROLLERS

SPECIFICATIONS:

Pin density: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 PPCM

Angle of Inclination: 15°, 30° (Standard)

Pin projection: 0.5- 6mm

Fibrillating Bars can be exchanged without dismounting the fibrillating roller.

APPLICATIONS

Fibrillated tapes are used in many products and applications, e.g.:

Carpet backing

Artificial Grass, Synthetic Turf

Ropes, Cords, Sewing Yarn

Harvest Yarns

Packaging Cords

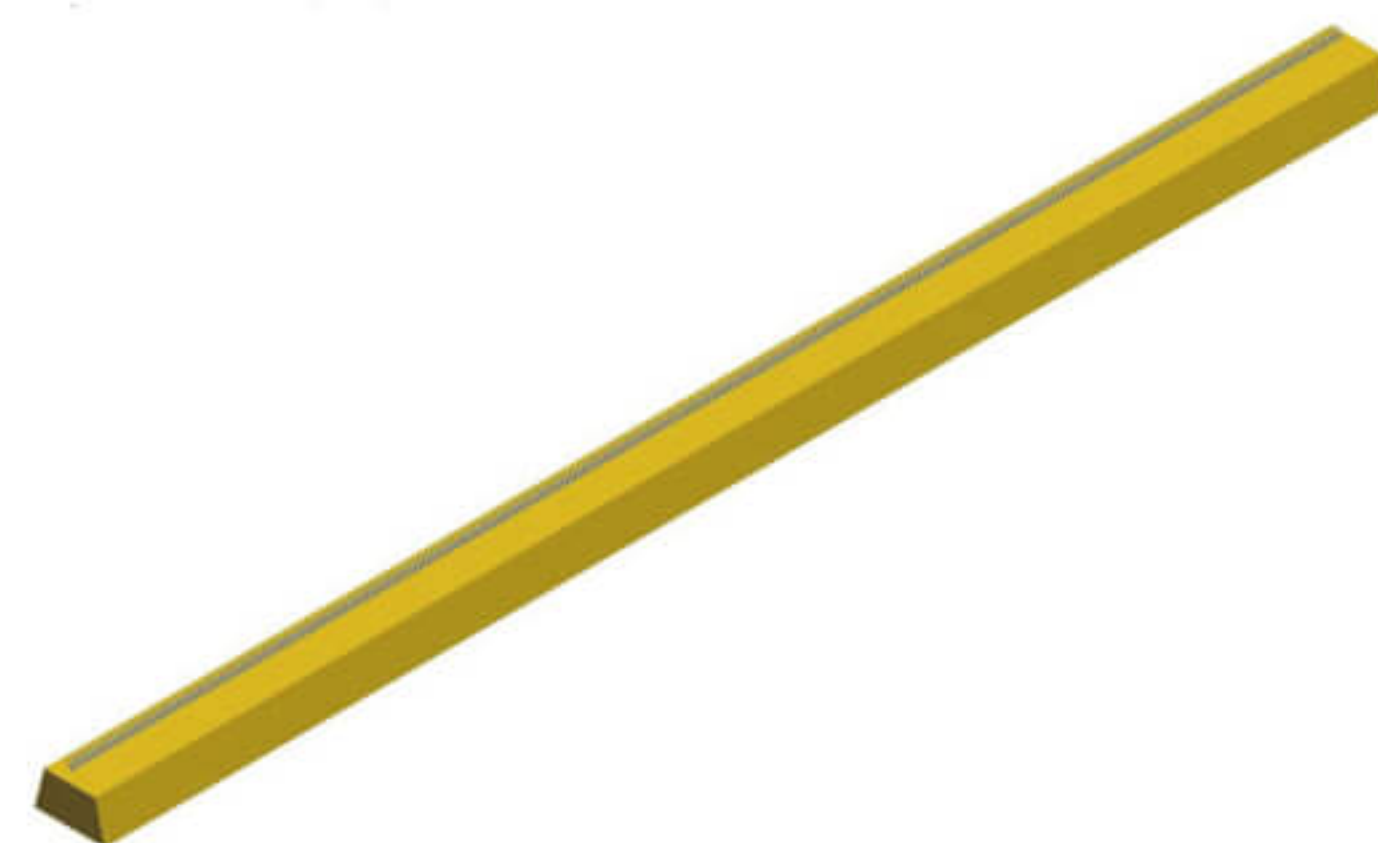
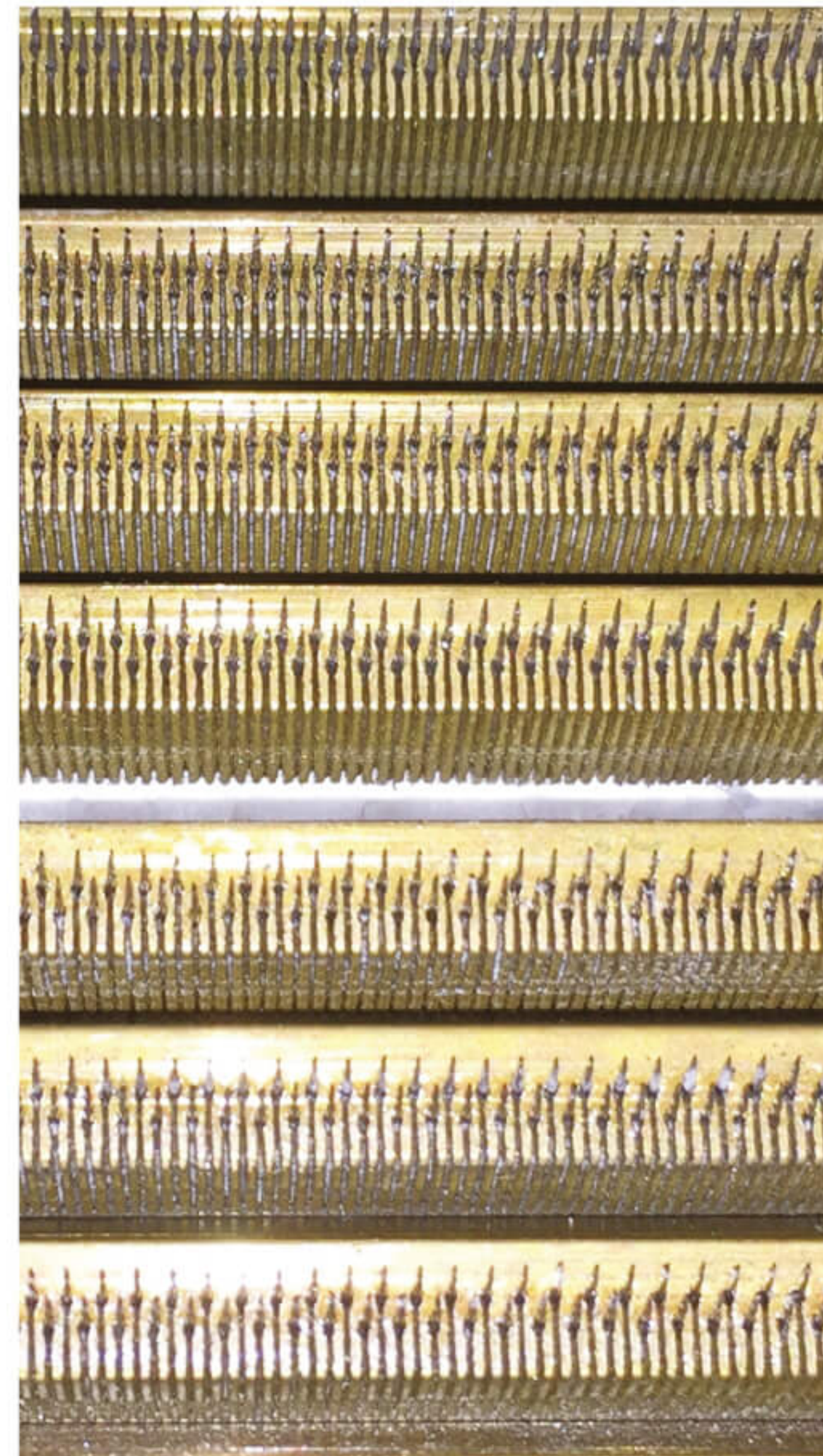
Concrete Fibers

Carrying Ropes

Tapes for woven Big Bags (FIBC)

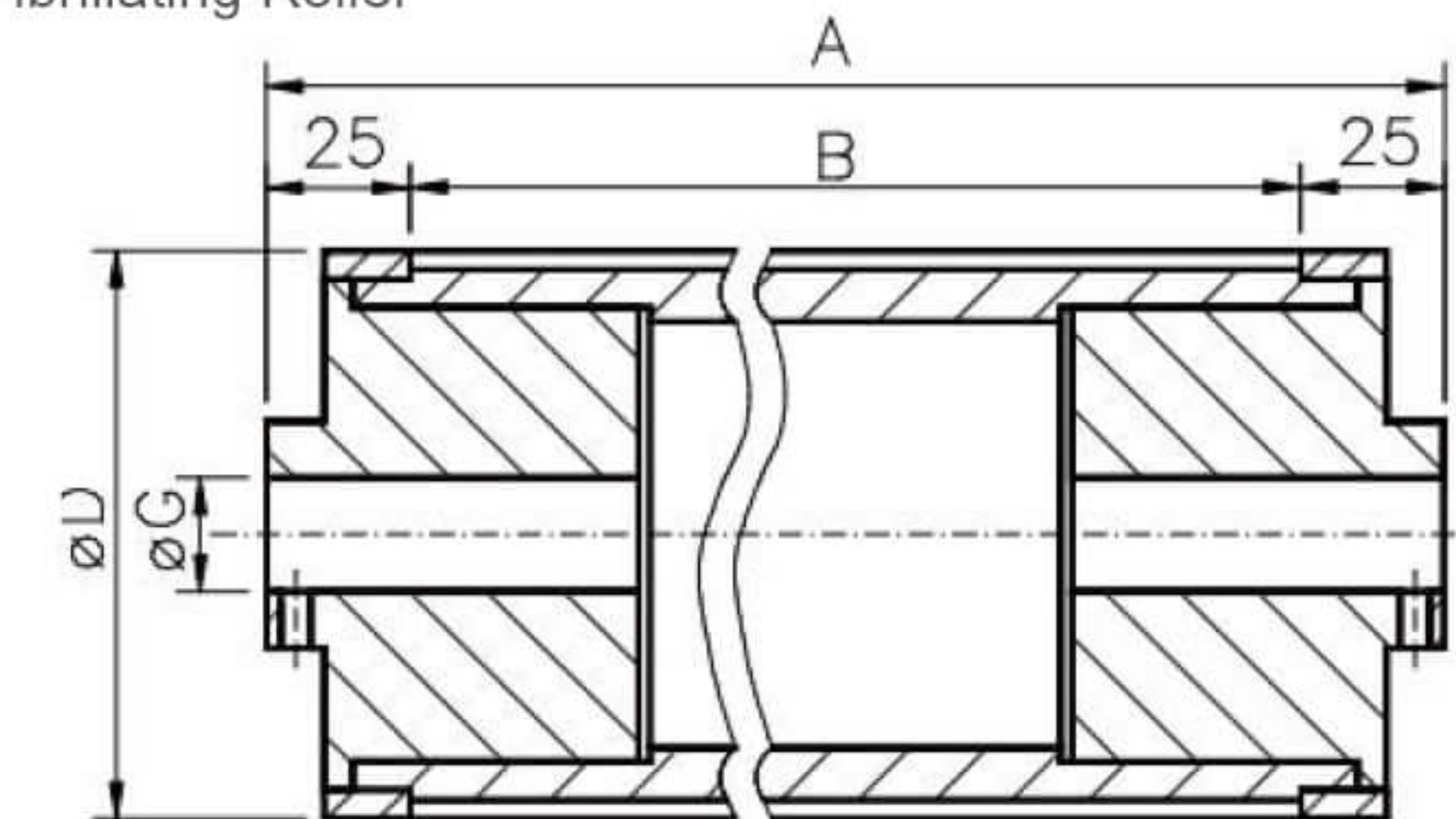
Staple Fibers (PTFE)

Our Fibrillating Bars and Fibrillating Rollers can be used in SYNTEX, SAMAFOR Fibrillating machines.

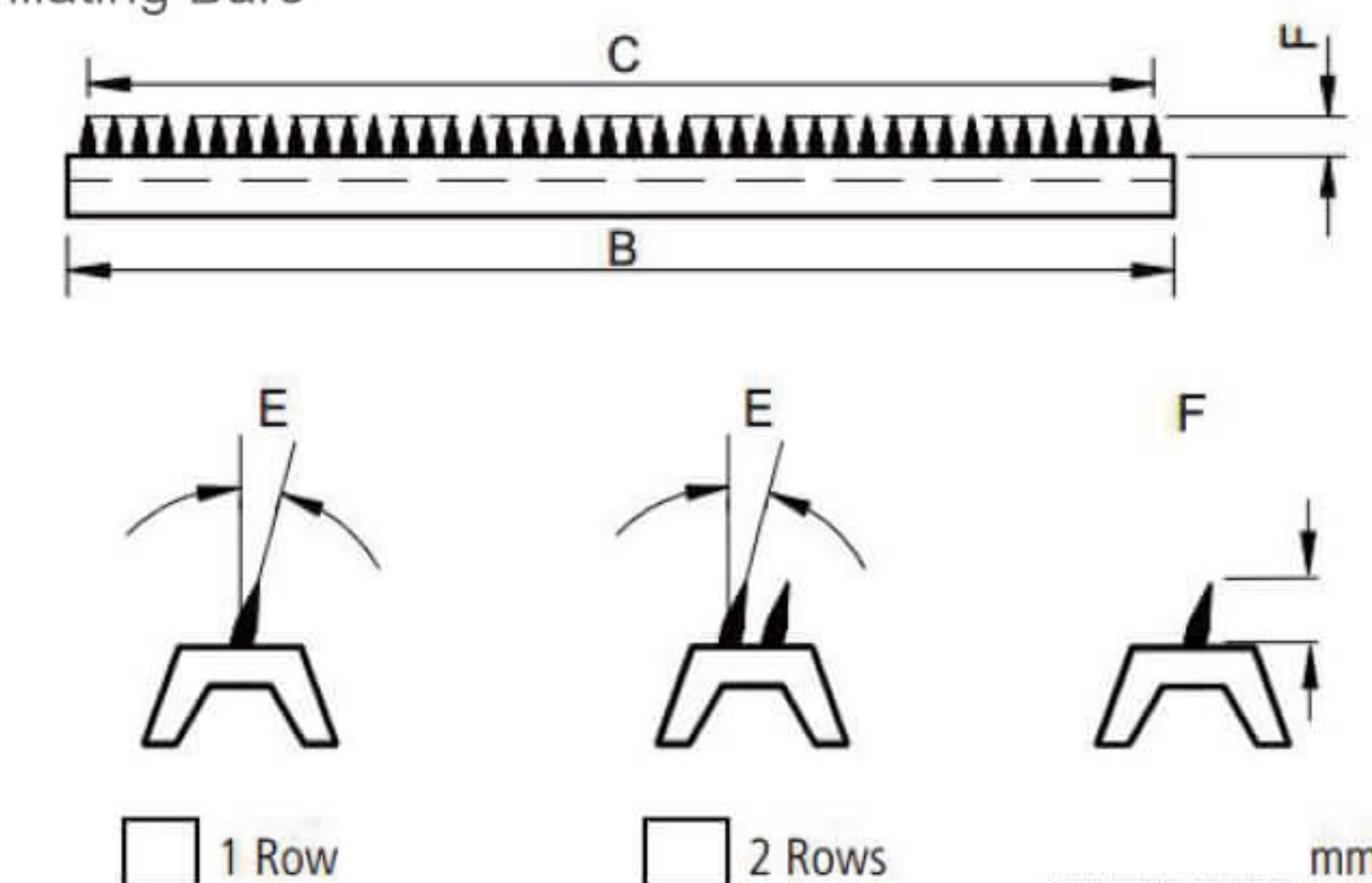


INQUIRY FOR FIBRILLATION

() Fibrillating Roller



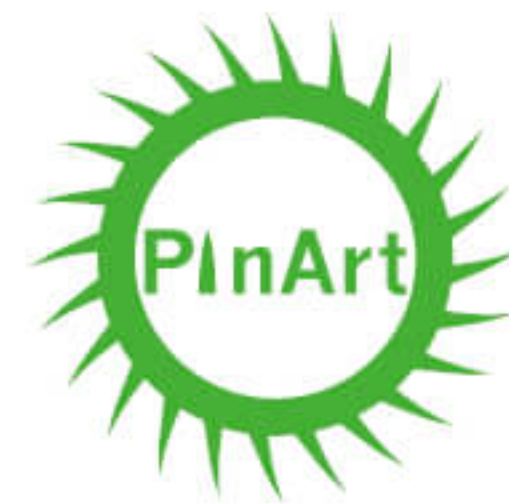
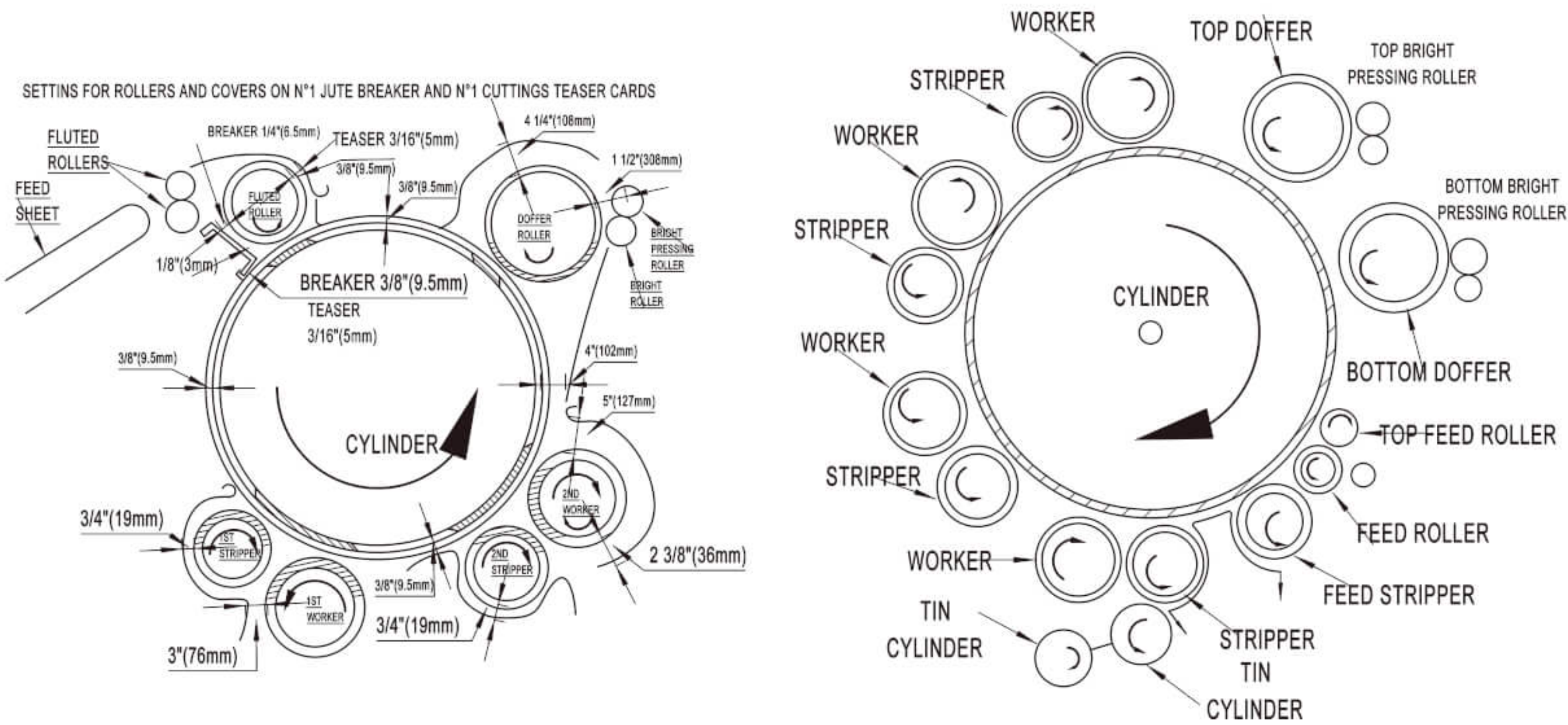
() Fibrillating Bars



A=	mm	Diameter (D) Max.	Number of Grooves
B=	mm	80	24
C=	mm	100	32
D=	mm	115	36
G=	mm	125	42
Pin Density:	pins/cm	150	50
Number of Fibrillating Bars=		175	58
		200	68
Inclination (E) :	() 15°, () 30° (Standard), () other _____°		
Staggering :	() All no. 1, () Staggered no. 1 + 2, () Multi-staggering no. 1		



CARDING STAVES
FOR MACKIE & GOLDEN EAGLE BREAK CARD & FINISHER CARD



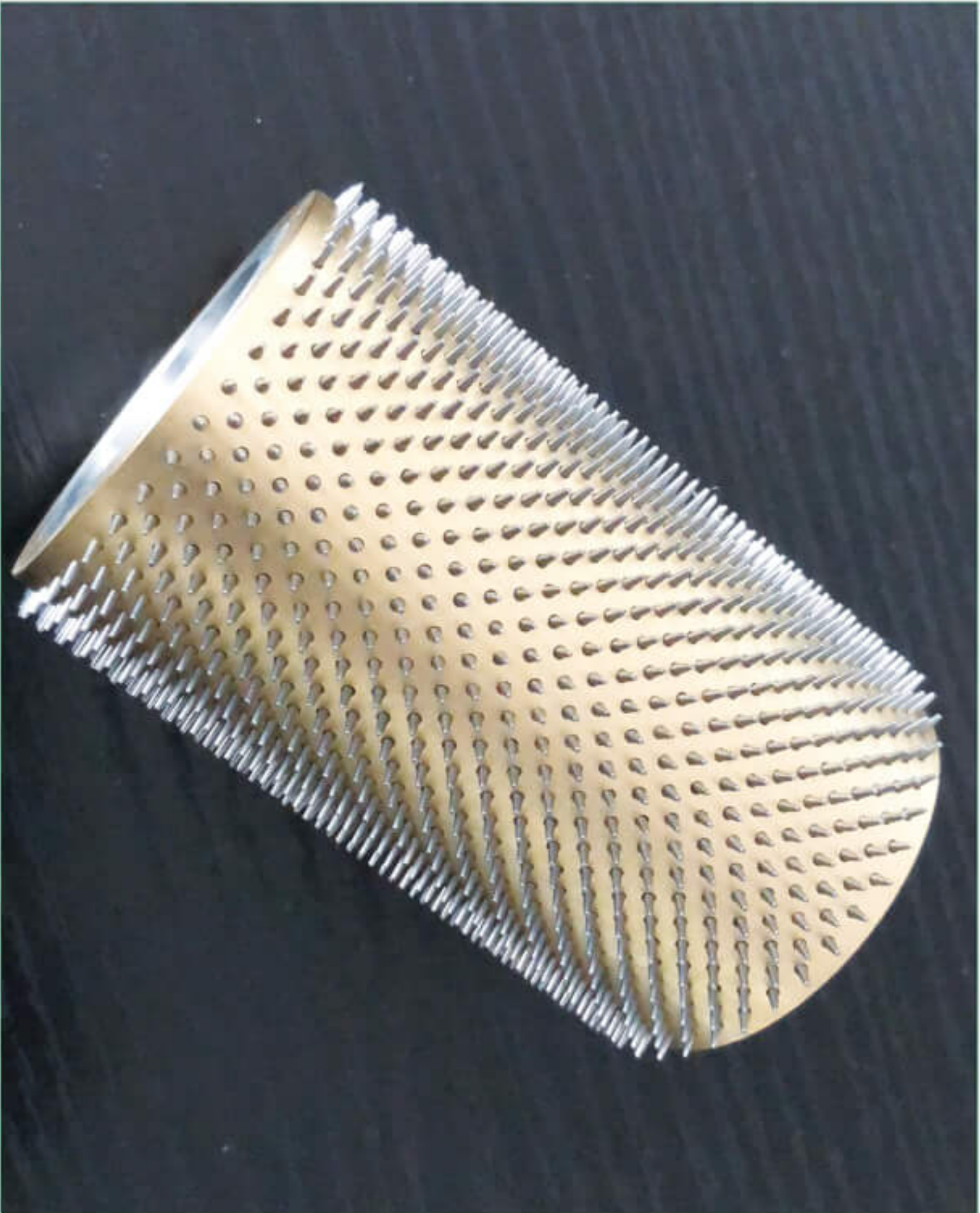
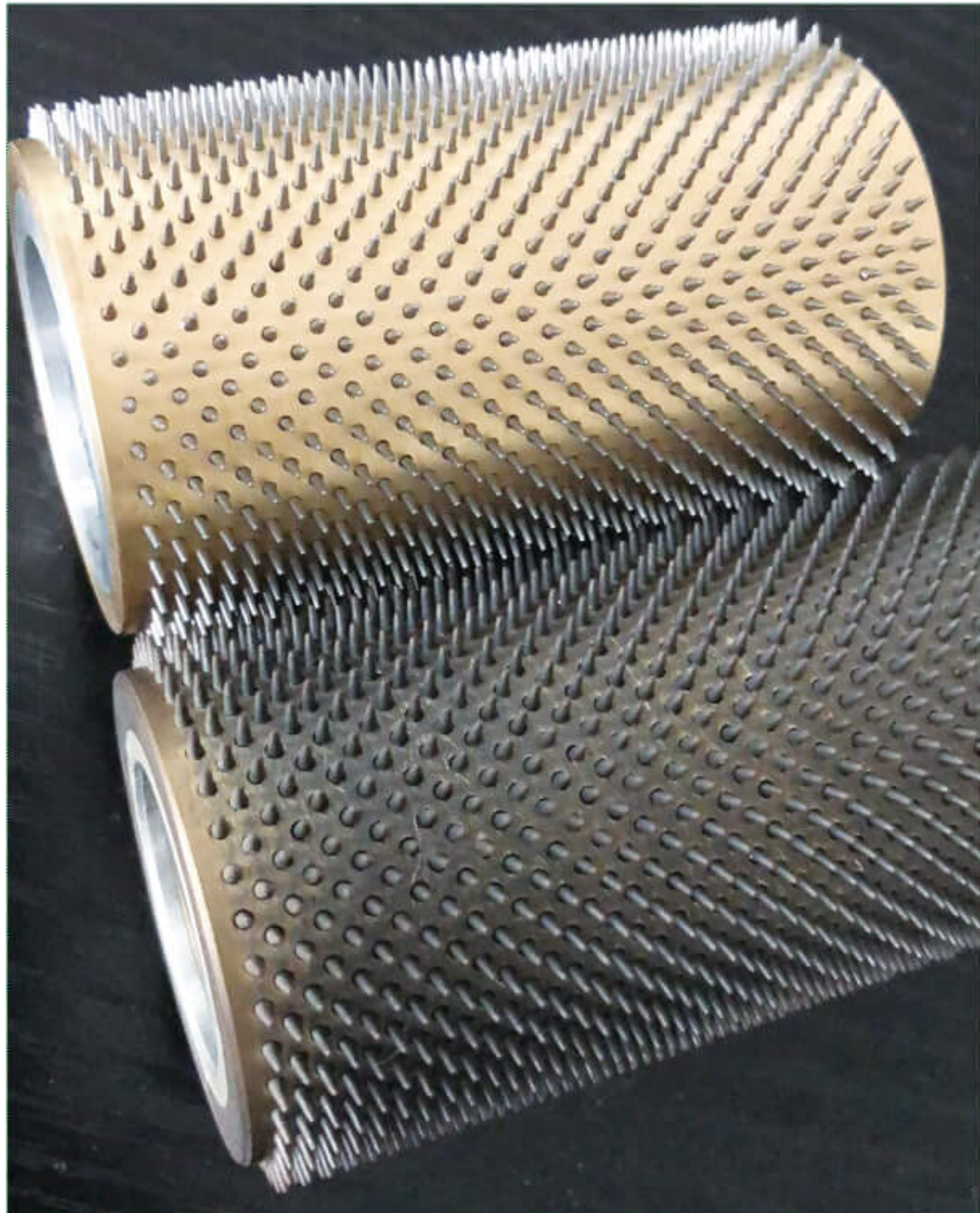
HACKLING GILLS
NYLON GILLS



1	FX - 280 Gill	FX 280-2200-6
2	Fx- 281 Gill	FX 281-2200-6
3	Fx- 282 Gill	FX 282-2200-6
4	FX- 283 Gill	FX 283-2200-6
5	FX - 284 Gill	Fx 284-2200-6
6	FX - 402 Gill	FX 402-09152



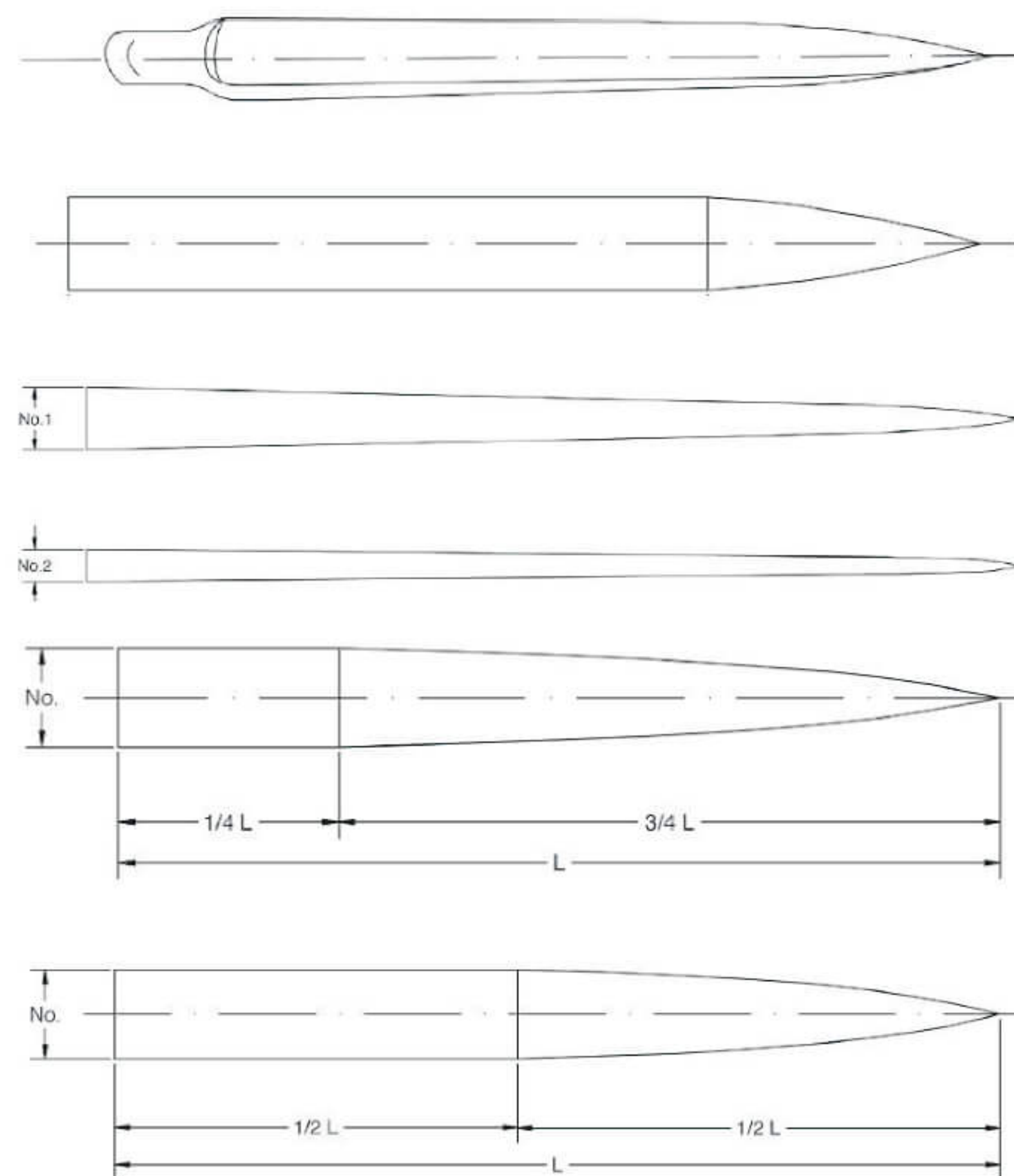
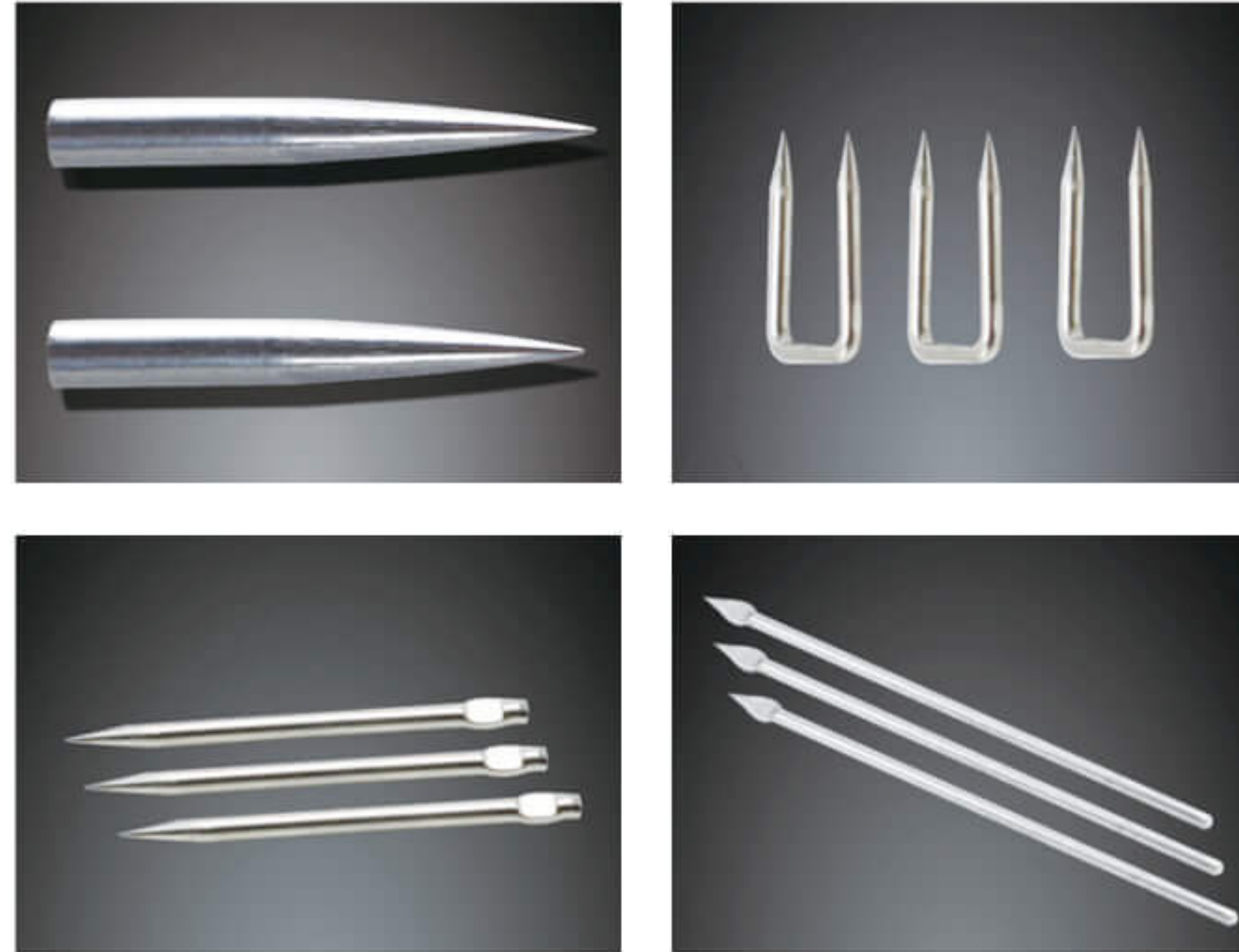
EMBOSSING ROLLERS





钢针 PINS

Perforating pins
Fibrillating pins
Gilling pins
Combing pins
Temple pins
Flat pins
Carding pins
Hackle pin
Pins for tobacco
...



* Special pins are on demand according to sample or drawing.



PINART IN TEXTILE INDUSTRY

