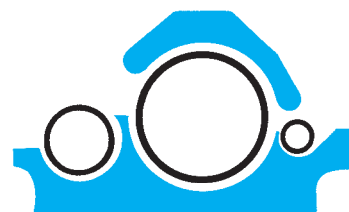
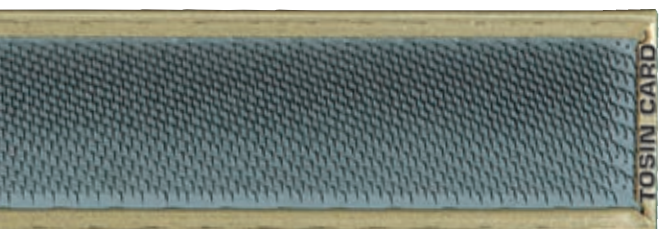


TOSIN CARD

Italy



TOSIN CARD
di TOSIN G.

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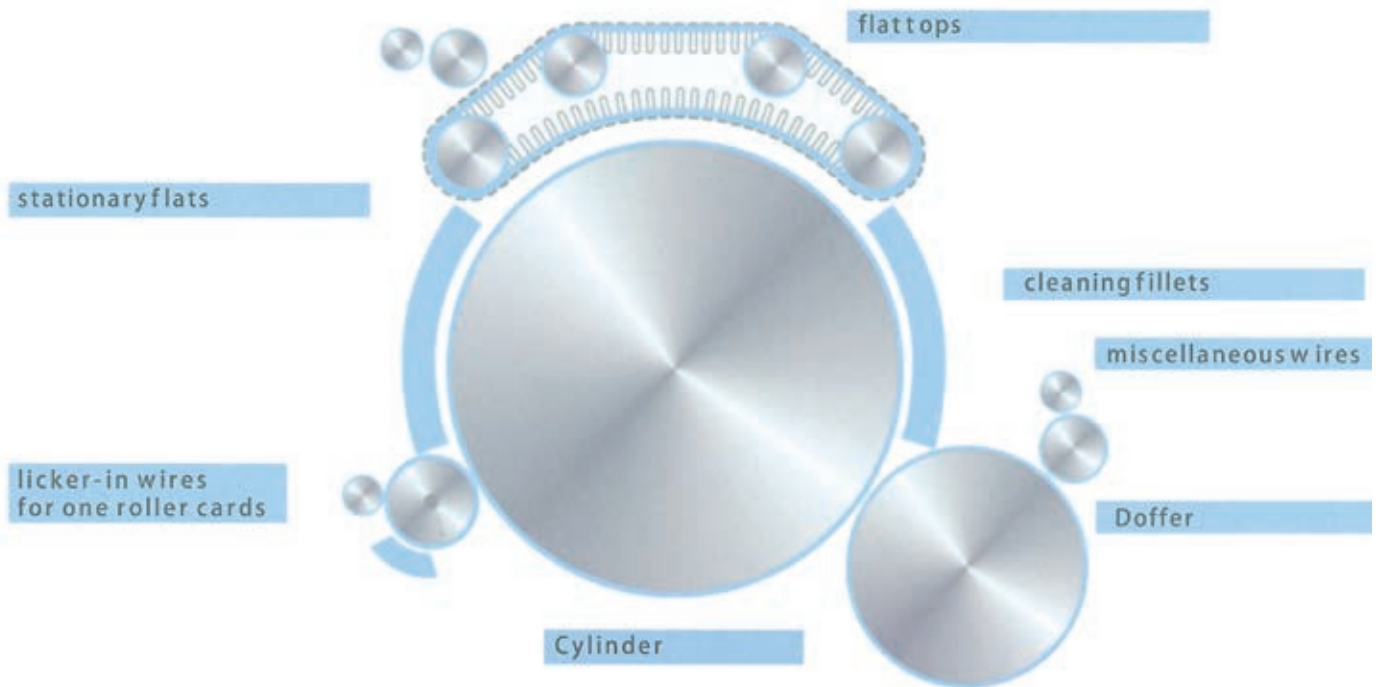


TOSIN CARD

MANUFACTURER OF CARD CLOTHINGS CONTROLS THEREOF

Die Herstellung von Card-Garnituren und deren Kontrollen

Produzione di guarnizioni per Carde e successivi controlli



Metallic card clothings for cylinders

Ganzstahlgarnituren für Tamboure

Guarnizioni a Tamburo



Metallic card clothings for doffers

Ganzstahlgarnituren für Abnehmer

Guarnizioni per Doffer



Saw tooth wire clothings for licker-ins

Sägezahndraht - Garnituren für Vorreißer

Guarnizioni a Briseur



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**METALLIC CARD CLOTHING
AND FLAT TOPS**

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Card Clothing for fine cotton spinning and for artificial and synthetic fibres

Kratzenbeschlage fur Baumwollfein, Kunst-und synthetische Fasern

Guarnizioni per carde cotone sodo, fibre artificiali e sintetiche

Metallic Type:






«Cylinder» in special steel
with extra hardened points.

Ausfuhrung starr:

«Cylinder» aus Spezialstahl
mit extra geharteten Spitzen

Tipo rigido:

«Tamburo» in acciaio speciale
con punte extra temperate.

Type Tipo	Angle Angolo mordente	Height Altezza	Thickness Larghezza	PPSI Punte x 1" □	
T. 014/9-LL T. 014/9-LL	15° 15°	2,5 3,2	0,9 0,9	400 400	
T. 334/8-S	15°	2,5	0,8	440	
T. 045/8-LL T. 045/8-S	15° 15°	2,5 2,5	0,8 0,8	540 540	
T. 026/7-S T. 026/7-LL	20°-25° 30°-25°	2,5	0,7	620	
T. 027/6-S T. 027/6-LL	25°-20° 30°-25°	2,5	0,6	720	
T. 027/6x2-S T. 027/6x2-LL	20° 30°	2	0,6	720	
T. 068/5-S T. 068/5-LL	25° 30°	2,5	0,5	860	
T. 068/5x2-S T. 068/5x2-LL	30° 30°	2 2	0,5 0,5	860 860	
T. 069/4x2-LLC	35°-40°	2	0,4	960	
T. 069/4x2-LL T. 069/4x2-LL	30° 35°-40°	2	0,4	960	
T. 0801/4x2-LL T. 0801/4x2-LL	30° 35°	2	0,4	1085	



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Kratzenbeschlage fur Baumwollfein, Kunst-und synthetische Fasern

Guarnizioni per carde cotone sodo, fibre artificiali e sintetiche

Metallic Type:

«DOFFER» in special steel
with extra hardened points.

Ausfuhrung starr:

«ABNEHMER» aus Spezialstahl
mit extra geharteten Spitzen

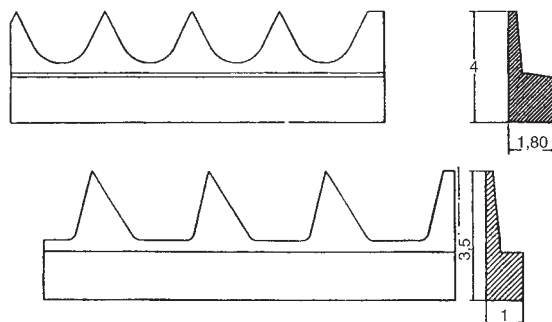
Tipo rigido:

«DOFFER» in acciaio speciale
con punte extra temperate.

Type Tipo	Angle Angolo mordente	Height Altezza	Thickness Larghezza	PPSI Punte x 1" □	
D. 073 D. 073	25° 30°	4	0,9	370	
D. 073/BA D. 043/BA D. 013/BA	30° 30° 30°	4 4 4	0,9 0,9 0,9	370 340 310	
D. 073/BA-R	30°	4	0,9	370	
D. 583/85.R	30°	4	0,85	385	
D. 004 D. 004	25° 30°	4	0,9	400	
D. 004/R D. 004/R	28° 30°	4	0,9	400	
D. 053/5 D. 053/5	25° 30°	5	0,9	350	
D. 053/5R D. 053/5x1-R	30° 30°	5 5	0,9 1,0	350 310	
D. 013/BA-R	30°	4,6	1,0	310	
D. 605/7	30°	4	0,7	506	

TAKE OFF
ROLLER WIRE

CILINDRO
STACCATORE



1,80x4-3,30-30°
105 PPSI

1x3,5-3,17-30°
203 PPSI



TOSIN CARD DI TOSIN G.

**METALLIC CARD CLOTHING
AND FLAT TOPS**

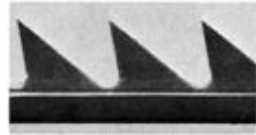



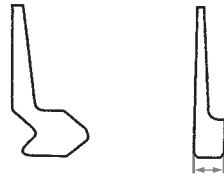







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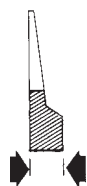
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Kratzenbeschlage fur Baumwollfein, Kunst-und synthetische Fasern

Guarnizioni per carde cotone sodo, fibre artificiali e sintetiche

Briseur Lickerin

Type Tipo	Angle Angolo mordente	Height Altezza	Thickness Larghezza	PPI Punte x 1"	
B. 5510 B. 5516	+10° +16°	5,5	1-1,4	5	
B. 5505	+5°	5,5	1-1,4	5	
B. 5500	0°	5,5	1-1,4	5	
B. 5010/V8	 V8-10°	5	-	5	Special Products Interlocking Lickerin Wires 
B. 5000/V8 B. 5005/V8	 V8-0°  V8-5°	5 5	- -	5 5	
B. 11605/V12 B. 11610/V12 B. 6110/V12	 V12-5°  V12-10°  V12-10°	5 5 5	- - -	10,75 10,75 7,8	
B. 16020/V16	 V16-20°	5	-	12,7	
B. 20520/V16	 V16-20°	5	-	14,35	



IMPORTANT - WICHTIG - IMPORTANTE

- Essential dimension of any enquiry.
- Bei Bestellung von Briseurdraht ist Fusstarke immer anzugeben.
- Per la prenotazione del filo Briseur comunicare lo spessore del filo.



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Flat Clothing 40"/50"/60"

Parallel to the metallic card clothings development the tops also had to be redesigned. Beside of a high mechanical loading of cloth foundation and wire new setting types and an extremely fine grinding of points was absolutely necessary.

We have developed a new tops family as follows:

Deckelgarnitur 40"/50"/60"

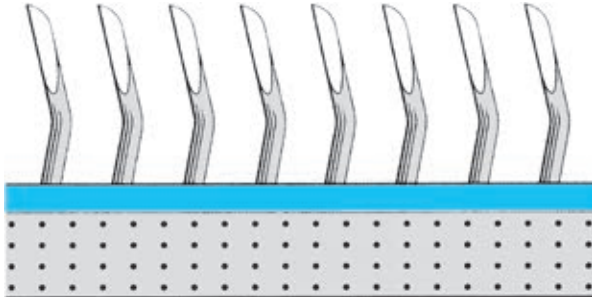
Parallel zur Entwicklung der Ganzstahl-Garnituren mußten auch die Deckel-Garnituren neu bearbeitet werden.

Neben einer hohen mechanischen Belastbarkeit von Stoffgrundlage und Draht wurden neue Setzarten und ein extrem schlanker Schliff der Spitzen zwingend notwendig. Hier haben wir eine neue Deckelfamilie wie folgt:

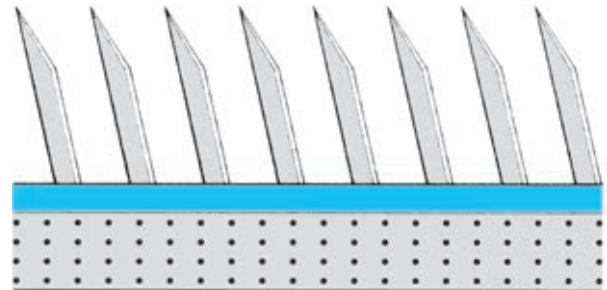
Guarnizioni per capelli 40"/50"/60"

In parallelo allo sviluppo delle guarnizioni metalliche, si è dovuto provvedere a ridisegnare anche i capelli e a rettificarli con la massima precisione.

Abbiamo così sviluppato una nuova famiglia come segue:



Biconvex type

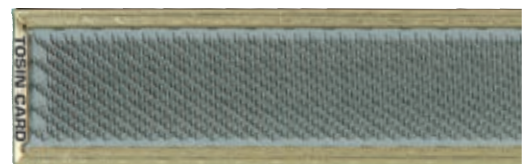
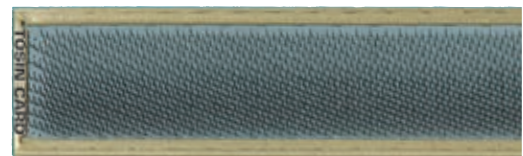


Flattened type

Biconvex type Tipo biconvesso	PPSI Punte x 1" □	Angle Angolo
C. 043/26-27	340	76°
C. 083/27-28	380	75°
C. 004/27-28	400	75°
C. 044/27-28	440	75°
C. 005/29	500	75°
C. 055/0	550	75°/72°

C. 330/440 P.	330/440	72°
C. 380/520 P.	380/520	72°
C. 380/550 P.	380/550	75°
C. 084/28	480	75°/78°

Flattened type Tipo piatto	PPSI	Angle
C. 052/T	250	80°
C. 023/T	320	80°



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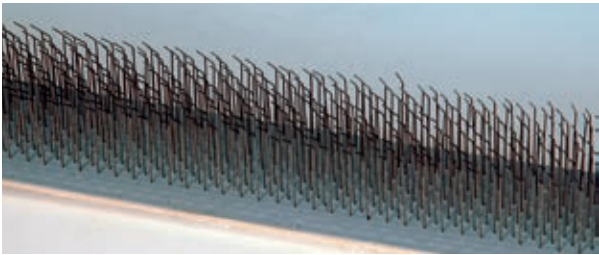
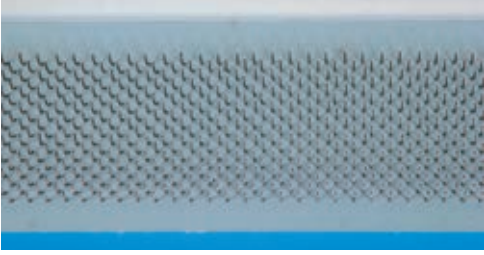

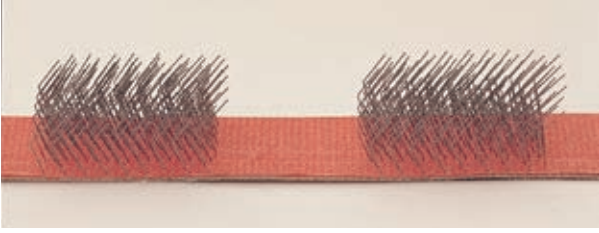

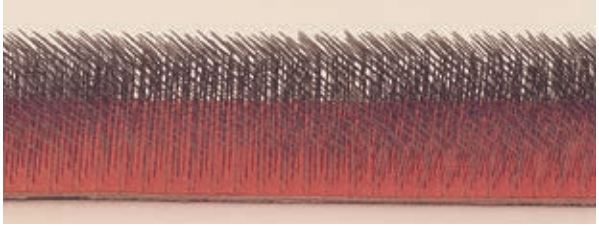
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Flat cleaning fillets

Flexible garnituren für deckel

Guarnizioni flessibili per pulitori cappelli

Type/Tipo:		29 mm. wide Thread n. 18 Height 26 mm. Lenght 1032 mm.
FB24		47,5 mm. wide Thread n. 28 Height 10,5 mm. Lenght 1035/1037 mm.
Zig-Zag		40 mm. wide Thread n. 20 to 22 Height 19 to 26 mm. 3 Ply mineralized rubber
HL		25 mm. wide Thread n. 20 Height 22 mm. 3 Ply mineralized rubber
AB		25 mm. wide Thread n. 20 Height 25 to 30 mm. 3 Ply mineralized rubber
PC		40 mm. wide Thread n. 22 Height 20 mm. 3 Ply mineralized rubber with backing



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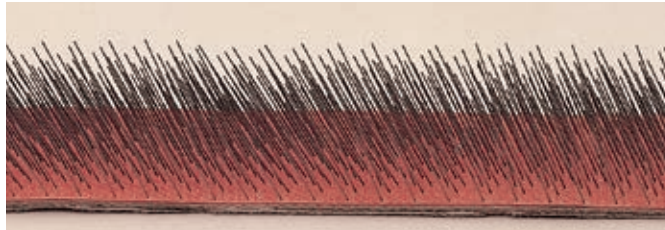
Type/Tipo:

M



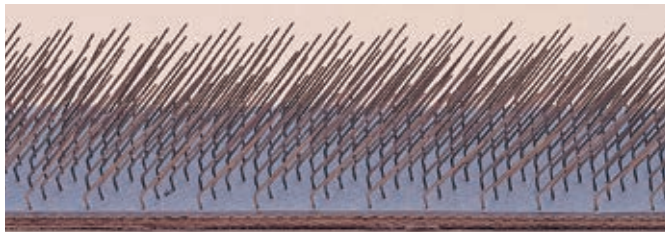
25 mm. wide
Thread n. 22
Height 18 mm.
3 Ply mineralized rubber
with backing

RS



19 mm. wide
Thread n. 24
Height 17 mm.
3 Ply mineralized rubber
with backing

RSC

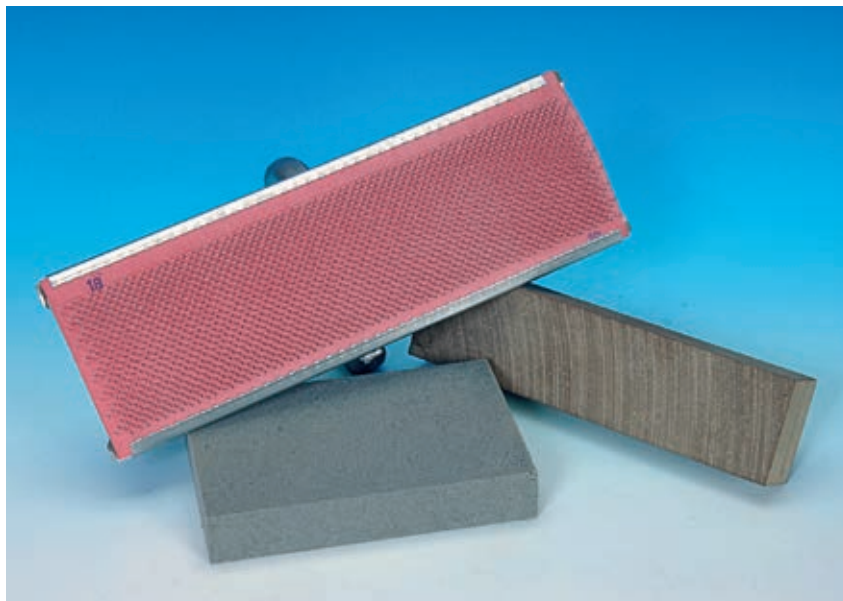


25 mm. wide
Thread n. 18 nickel steel
Height 17 mm.
4 Ply vulcanized rubber
with backing

RC4



40 mm. wide
Thread n. 10 stainless
Height 8,2 mm.
9 Ply vulcanized rubber



**Hand Grinding Stone
Polishing Sponge
Fettling Brush Refils**

Hand Schleif Stein
Schleifmittel Schwam
Hand Bürsten für
Maschinen Putzen

Pietra abrasiva manuale
Spugna abrasiva
Cardina manuale per
pulitura Macchine

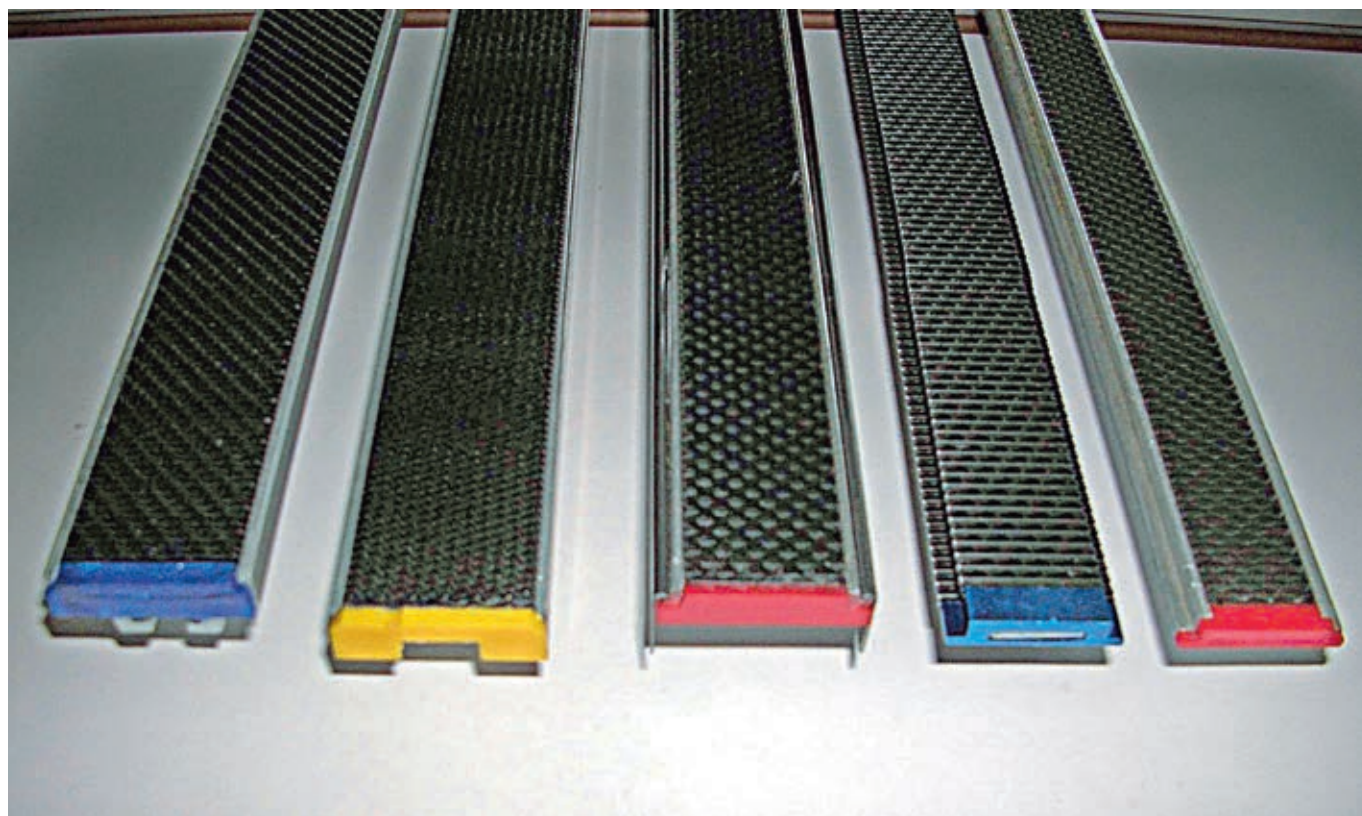


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STATIONARY FLAT TOPS



MAIN FEATURES:

- The production is based on the use of special alloy steel
- Long life span of the wire is ensured by high quality raw material and accuracy
- Minimum tolerance, high precision and maximum hardness assure better resistance and no gaps for trash
- Installation on to iron or aluminium bars is easy and trouble-free as well as replacement

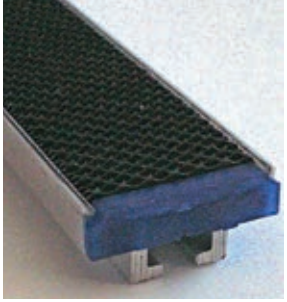
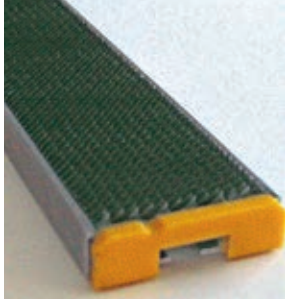
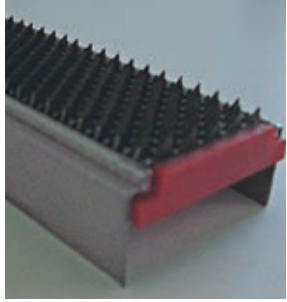
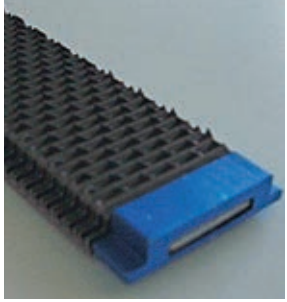
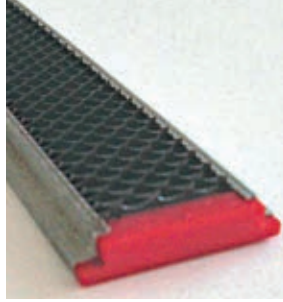



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Stationary flat tops specifications

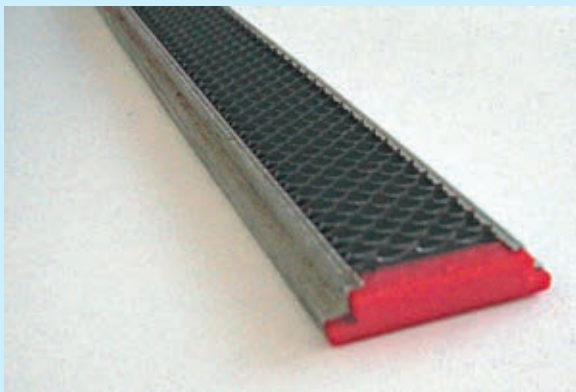
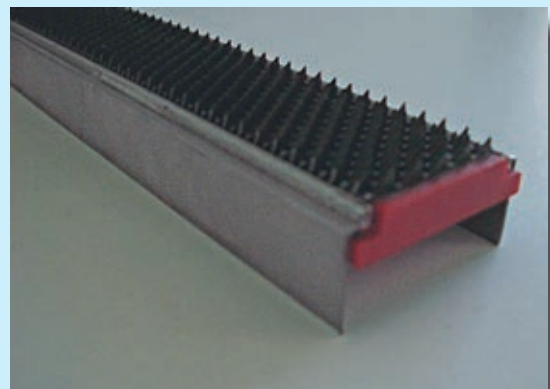
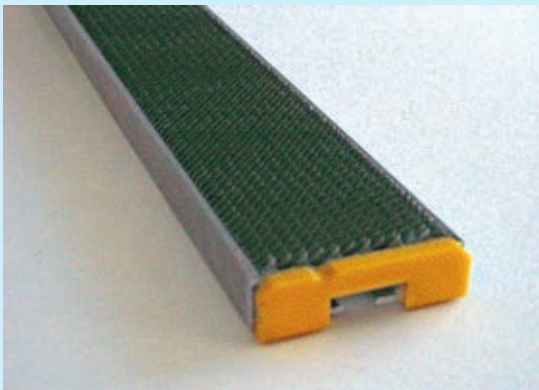
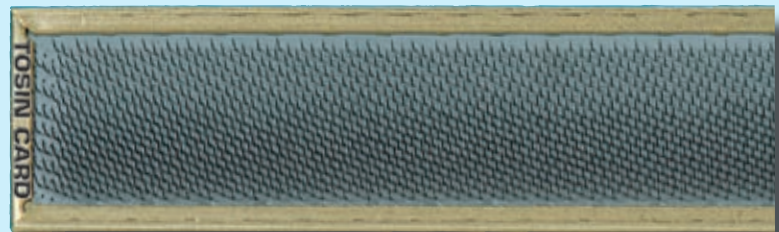
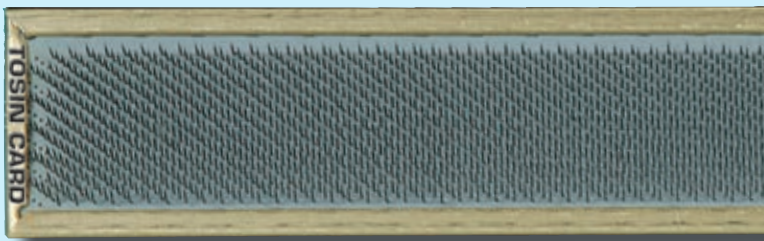
SCREW TYPE 1.	SCREW TYPE 2.	CLIP TYPE 3.	UNDER LICKER-IN SEGMENTS 4.	UNDER LICKER-IN SEGMENTS 5.
				
<p>PPSI</p> <p>ET - 90</p> <p>ET - 150</p> <p>ET - 250</p> <p>UT - 350</p> <p>UT - 450</p> <p>UT - 550</p> <p>UT - 650</p>	<p>PPSI</p> <p>E - 70/90</p> <p>E - 150</p> <p>E - 250</p> <p>U - 350</p> <p>U - 450</p> <p>U - 550</p> <p>U - 650</p>	<p>PPSI</p> <p>SB - 70</p> <p>SB - 90</p>	<p>RIETER - UNDER LICKER-IN SEGMENTS</p> <p>C1/2 - C1/2a - C1/3</p> <p>C4 - C10 - C50 - C51</p> <p>TRÜTZSCHLER UNDER LICKER-IN SEGMENTS</p> <p>DK 715 - DK 740</p> <p>DK 760 - DK 780</p>	
<p>RIETER - 40"</p> <p>C1/2 - C1/2a - C1/3</p> <p>TRÜTZSCHLER - 40"</p> <p>DK 760 - DK 780</p> <p>DK 803</p> <p>TRÜTZSCHLER UNDER LICKER-IN</p> <p>DK 803 - DK 903</p> <p>TC 03 - TC 06</p> <p>TC 07 - TC 11</p>	<p>RIETER - 40"</p> <p>C1/2 - C1/2a - C1/3 - C4 - C10 - C50 - C51</p> <p>RIETER - 60"</p> <p>C60 - C61 - C70 - C80</p> <p>RIETER - UNDER LICKER-IN SEGMENTS</p> <p>C60 - C61 - C70 - C80</p> <p>CROSROL - 40"</p> <p>MK-4 - MK-5 - MK-6 - MK-7 - MK-8</p> <p>TRÜTZSCHLER - 40" - 50"</p> <p>DK 715 - DK 740 - DK 903 - TC 03</p> <p>TC 06 - TC 07 - TC 11 - TC 15 - TC 19i</p> <p>MARZOLI - 40" - 60"</p> <p>C40 - C41 - CX400 - C300</p> <p>CX300 - C501 - C601 - C701</p>	<p>UNDER LICKER-IN SEGMENTS</p> <p>6.</p> <p>TC 03 - TC 05</p> <p>TC 06 - TC 07s</p> <p></p> <p>SB.85</p>		



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