Card Clothing Guide
– Nonwovens –

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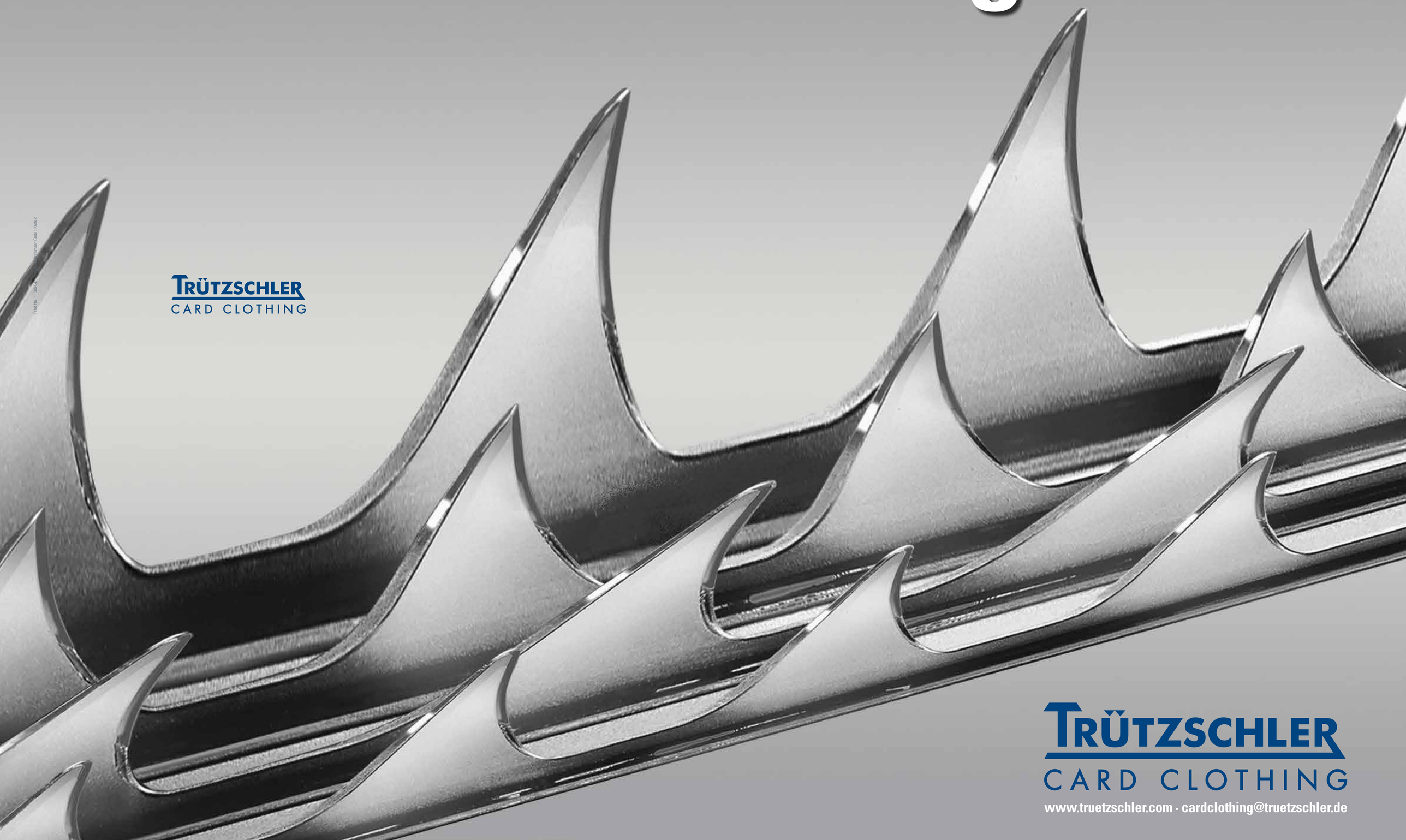

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CARD CLOTHING

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Card Clothing Guide

This Card Clothing Guide comprises a selection of the wire types available only.

breast cylinder worker

profiles	
front angle	25° to 45°
points density	50 to 200 PPSI
height	4.0 to 5.0 mm
options	T – thick point X – serrations B – mechanically treated

C12	25J	72
C12	30J	52T
C12	40J	72
C14	40J	98B
C20	40I	120
C24	40J	168X
C14	45I	84X
C20	45I	120X
080	45H	191

breast cylinder stripper

profiles	
front angle	5° to 40°
points density	50 to 200 PPSI
height	3.2 to 5.0 mm
options	T – thick point

C12	05H	60
C16	10I	96
C20	15I	156
C14	20I	84T
C20	25I	14I
C20	30I	154
C16	35J	113T
C16	40I	112

lickerin

profiles	
front angle	10° to 20°
points density	30 to 70 PPSI
height	5.0 to 6.0 mm
options	T – thick point

C08	10K	43
C10	10L	51
C08	10K	40
C10	15J	50
C08	20L	31
C08	20L	31T

feed roller

profiles	
front angle	-10° to 30°
points density	20 to 40 PPSI
height	5.0 to 10.0 mm
options	T – thick point

C08N	10L	40
C08	10L	27
C08	10L	41
C06	20K	30
C08	20L	31
C08	30L	27
C08	30L	31T

breast cylinder

profiles	
front angle	10° to 20°
points density	50 to 200 PPSI
height	3.2 to 6.0 mm
options	T – thick point

C14	10I	84
C14	10I	84T
C16	10I	96
C12	15J	72
C14	15I	109
C16	20I	96
C20	20H	158

transfer roller

profiles	
front angle	20° to 30°
points density	75 to 200 PPSI
height	4.0 to 5.0 mm
options	T – thick point

C14	20I	84T
C20	20I	120
C16	25J	96
C20	25I	120T
C20	30I	154
C24	30I	185T

main cylinder stripper

profiles	
front angle	5° to 40°
points density	100 to 225 PPSI
height	4.0 to 5.0 mm
options	T – thick point B – mechanically treated

C20	10I	175
C24	15H	212
090	20G	224
110	22H	204
094	25G	380
094	30I	208
110	35H	266B
C20	40I	210

main cylinder worker

profiles	
front angle	30° to 45°
points density	100 to 380 PPSI
height	4.0 to 5.0 mm
options	T – thick point X – serrations B – mechanically treated

C24	30I	185T
C24	34I	240
090	35J	235
090	35H	326XB
C20	40I	210
C28	40I	294
080	40H	351XB
080	45H	254X

random roller

profiles	
front angle	10° to 25°
points density	350 to 550 PPSI
height	2.5 to 3.0 mm
options	H – NovoStar T – thick point B – mechanically treated

090	10F	566HTB
080	15F	448H
090	16F	566H
080	20E	556H
094	25G	380

doffer

profiles	
front angle	30° to 45°
points density	100 to 380 PPSI
height	3.0 to 5.0 mm
options	T – thick point X – serrations B – mechanically treated

C24	30I	185T
090	32H	337XB
C24	34I	240
090	35J	235
090	35H	326XB
C20	40I	210
C28	40I	294
080	40H	351XB
080	45H	254X

condenser

profiles	
front angle	40° to 45°
points density	50 to 200 PPSI
height	4.0 to 6.0 mm
options	X – serrations B – mechanically treated

130	40K	117
130	40J	140B
C24	40J	168
110	40H	242

take-off roller

profiles	
front angle	-30° to -18°
points density	110 to 185 PPSI
height	4.0 mm
options	B – mechanically treated P – chemically treated

180N	30H	110
180N	30H	110B
180N	18H	113
110N	18G	184
110N	18G	184B

main cylinder

profiles	
front angle	10° to 20°
points density	100 to 550 PPSI
height	2.5 to 4.2 mm
options	T – thick point

C20	10H	176
C24	10G	240
080	10E	384H
C24	15H	212
C28	15G	303
090	15E	396H
090	15F	396H
080	20E	556H

Standard Wires for Garnetts

fancy stripper
- C12_30J_85
- C12_30L_61

transfer roller
- C12_30J_61
- C14_30J_99

worker
- C12_30J_61
- C14_30J_99
- C16_30J_110

stripper
- C12_30J_61
- C14_30J_99
- C16_30J_110

fancy
- C16_15J_95
- C10_05I_18
- C12_15J_79

fancy
- C10_05I_18
- C12_15J_79

fancy stripper
- C12_30J_61
- C14_30J_99
- C16_30J_110

stripper
- C12_30J_85
- C12_30L_61

doffer
- C14_35L_78XX
- C18_35K_104LXX
- C18_40K_143XX
- C18_40K_143XXLD

worker
- C12_30J_61
- C12_30J_85

lickerin
- C08_35L_44
- C08_37Q_29
- C10_30L_39

cylinder
- C10_30L_51
- C12_30J_61
- C12_30L_61

doffer
- C10_40L_42
- C12_40M_48XX
- C14_35L_78XX
- C14_40L_113DXX

cylinder
- C12_30J_61
- C14_30J_99
- C16_30J_110

Wires for Airlay Cards

carding roller – K2
- C24_30J_185

worker – W3
- 090_40J_286X

worker – W5
- 080_45H_254X

card master plate
- 114_10G_233SL

card master plate
- 114_10G_233SR

worker – W2
- 080_45H_191X

carding roller – K1
- C12_25J_72

feeding roller
- C08_10L_41

cylinder
- 090_05F_282EHTA
- 080_05E_384H

carding roller – K5
- 080_25H_350

stripper
- C24_05H_120

worker – W1
- 110_40J_162X

worker – W4
- 110_40J_162X

carding roller – K3
- 090_35J_235

carding roller – K4
- 094_25I_324

Trützschler Wire Identification Code

base or rows per inch:
plain rib wires: base in mm/100
(e.g. 090 = 0.90 mm. 110 = 1.10 mm)
or camlock wires: Cxx
(e.g., C08 = 8 rows/", C24 = 24 rows/")

shoulder width [1/100mm]

050 12 E 467 H
C24 40 J 168 H

The letter code "C" indicates a camlock wire with the numbers of rows per inch given.

front angle [°]
N = negative

total height:

D = 2.00 mm		M = 6.50 mm	
E = 2.50 mm		N = 7.00 mm	
F = 3.00 mm		Q = 7.50 mm	
G = 3.50 mm		R = 8.00 mm	
H = 4.00 mm		S = 8.50 mm	
I = 4.50 mm		T = 9.00 mm	
J = 5.00 mm		U = 9.50 mm	
K = 5.50 mm		V = 10.00 mm	
L = 6.00 mm			

point density [points per square inch]

special versions
- A = thermically treated
- B = mechanically treated
- D = enhanced point
- E = depth of cut
- F = flat on point
- G = groove
- H = NovoStar®
- L = low shoulder
- P = chemically polished
- R = banana shape
- S = special
- T = thick point
- W = wool
- X = serrations

Individual wire specification sheets for each customer based on production data, raw material parameters and quality requirements.

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