

# CARD CLOTHING GUIDE

This Card Clothing Guide comprises only a selection of the wire types available. Differences in wire recommendation due to special applications are possible.

## top doffer

profiles		C24 40J 168 C24 40J 168X C18 40K 140 C20 40J 140X C16 40J 112 C16 40J 112X
front angle	40° to 45°	
points density	140 to 260 PPSI	
height	4.0 to 5.0 mm	

## breast cylinder worker

profiles		C20 40J 140X C24 40J 168X C18 40K 143XX C16 40J 112 C16 40J 112X C12 40J 72 C12 40J 72T C20 40J 203X C16 30J 123 C16 30J 123T C20 40J 120
front angle	25° to 45°	
points density	50 to 200 PPSI	
height	4.0 to 5.0 mm	

## breast cylinder stripper

profiles		C16 30J 123 C20 15H 176 C16 15J 125 C16 22J 141 C12 15J 72 C12 15J 72T C12 10J 66
front angle	5° to 40°	
points density	50 to 200 PPSI	
height	3.2 to 5.0 mm	

## lickerin

profiles		C08 10K 43 C10 15J 50 C10 15J 50A C08 20L 31 C08 20L 31T C12 15J 72
front angle	10° to 20°	
points density	30 to 70 PPSI	
height	5.0 to 6.0 mm	

## feed roller

profiles		C08 10L 41 C08 N10L 40 C08 20L 31 C06 20K 30
front angle	10° to 30°	
points density	20 to 40 PPSI	
height	5.0 to 10.0 mm	

## breast cylinder

profiles		C16 15J 125 C16 15H 141 C20 15H 176 C12 10J 66 C12 15J 72 C12 15J 72T C16 10J 96
front angle	10° to 20°	
points density	50 to 200 PPSI	
height	3.2 to 6.0 mm	

## bottom doffer

profiles		C20 40I 140 C20 40I 140T C20 40J 140X C20 40I 120X C16 40J 112 C16 40J 112X C24 40J 168X
front angle	40° to 45°	
points density	120 to 160 PPSI	
height	4.0 to 5.0 mm	

## bottom transfer roller

profiles		C24 30J 185 C20 30J 154 C20 35J 167 C16 30J 123
front angle	25° to 30°	
points density	120 to 180 PPSI	
height	4.0 to 5.0 mm	

## top transfer roller

profiles		C24 30J 185 C20 30J 154 C20 35J 167 C16 30J 123
front angle	25° to 30°	
points density	120 to 180 PPSI	
height	4.0 to 5.0 mm	

## main cylinder stripper

profiles		090 20G 224 094 30I 208-2 110 22H 204-2 C20 40I 210 C24 15H 212 C16 15I 125 C16 15I 125Z C20 30J 154X
front angle	5° to 40°	
points density	100 to 225 PPSI	
height	4.0 to 5.0 mm	

## main cylinder worker

profiles		090 40J 286X2 090 40H 250 ZDAB2 C18 40K 143XX C20 40I 210-2 C24 30I 185T2 C24 34I 240-2 C28 40I 294-2 C28 40J 286XX 090 40J 286XB C16 30J 123T C24 40I 252 C24 40I 252X
front angle	30° to 45°	
points density	100 to 380 PPSI	
height	4.0 to 5.0 mm	

## random roller

profiles		090 10F 566HTB 090 16F 566HZ 094 25G 380 080 20E 556HA
front angle	10° to 25°	
points density	350 to 550 PPSI	
height	2.5 to 3.0 mm	

## doffer

profiles		080 40H 351XB2 080 45H 254X2 090 35H 326XB2 C24 30I 185T2 C24 34I 240-2 C24 34I 240X C24 40I 252X2 C24 40I 163 ZDAB2 C28 40I 294-2 090 35H 326 090 35H 326B C20 40J 140 C24 40I 252 C24 40I 252X
front angle	30° to 45°	
points density	100 to 200 PPSI	
height	3.0 to 5.0 mm	

## condenser

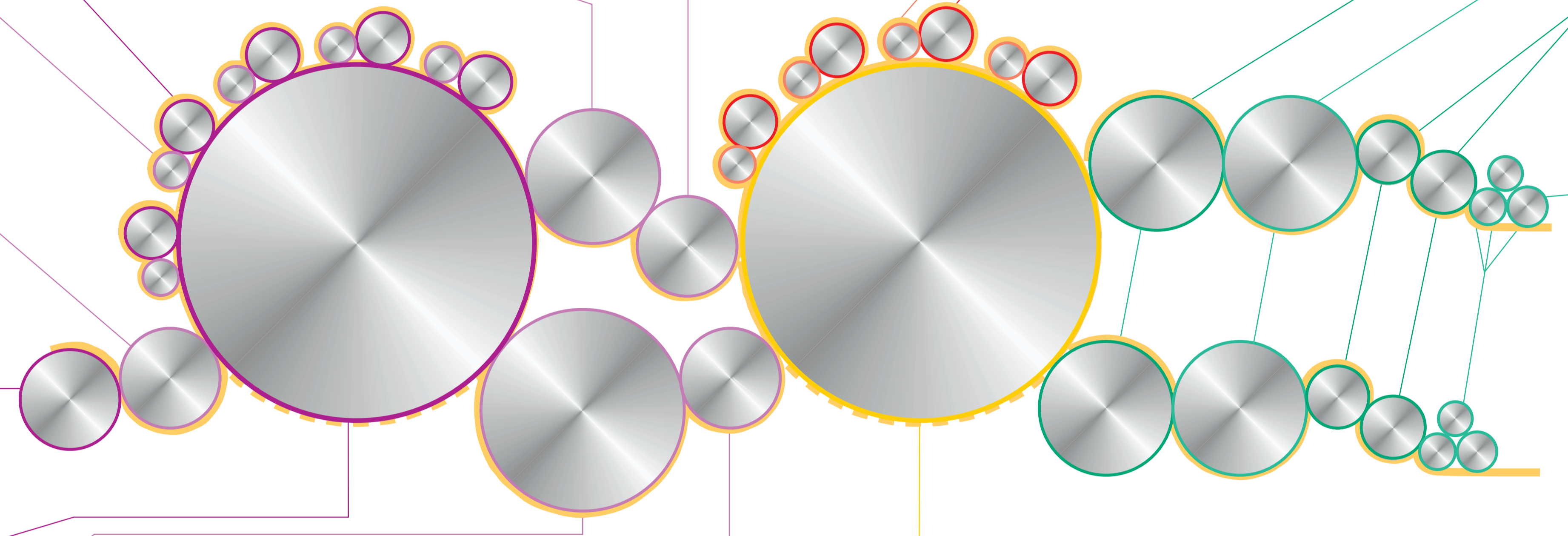
profiles		130 40K 117 130 40K 117B 130 40K 117AB 130 40J 140 130 40J 140B 130 40J 140AB
front angle	40° to 45°	
points density	70 to 250 PPSI	
height	4.0 to 6.0 mm	

## take-off roller

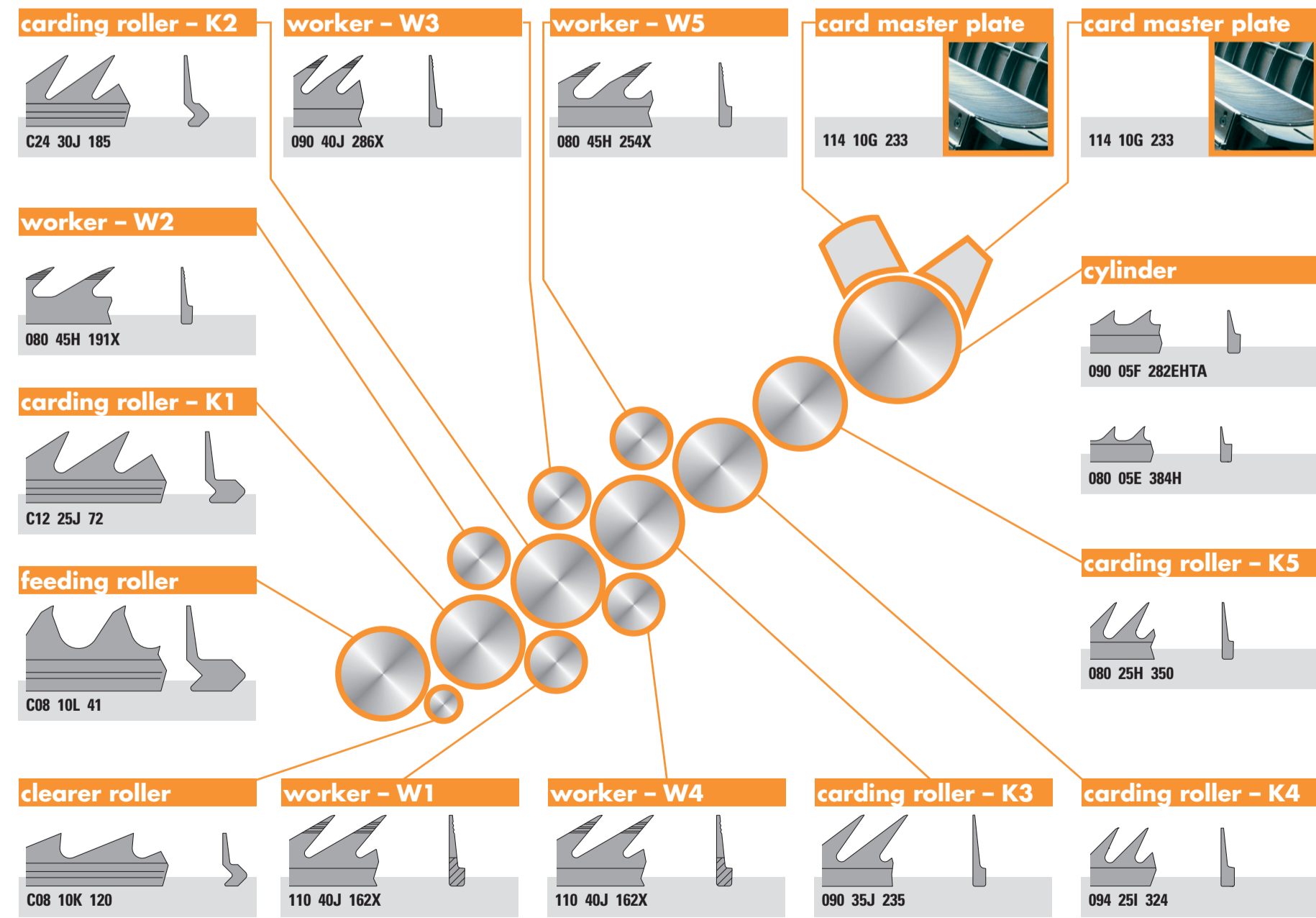
profiles		180N18H 113 180N30H 110 180N30H 110B 180N30H 110P
front angle	-30° to -18°	
points density	110 to 185 PPSI	
height	4.0 mm	

## main cylinder

profiles		080 10E 384H2 080 20E 556H2 090 15E 396H2 090 15F 396H2 094 10G 270-2 C20 10H 176-2 C24 10G 240-2 C24 15H 212-2 C28 15G 303-2
front angle	10° to 20°	
points density	100 to 550 PPSI	
height	2.5 to 4.2 mm	



## Wires for Airlay Cards



## 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]**

**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 O = 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

**special versions**  
A = thermally treated  
B = mechanically treated  
D = enhanced point  
E = depth of cut  
F = flat on point  
G = groove  
H = NovoStar®  
I = defatted tooth  
L = low shoulder  
P = chemically polished  
R = banana shape  
S = special  
T = thick point  
W = wool  
X = serrations  
XX = double serrations  
Z = Notch  
2 = SUPERTIP

**point density [points per square inch]**

**Example Code:**  
050 12 E 467 H2  
C24 40 J 168 -2

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

All wires in new SUPERTIP quality are also available in NovoStar quality.