



PINNING OF THE GC FALLERS ACCORDING TO THEIR USE

Available pinning:

2.5 round pins 1/3rd penetration
 3 round pins 1/3rd or 1/1 penetration
 3.5 round pins 1/3rd penetration
 4 round pins 1/3rd or 1/1 penetration
 5 round pins 1/3rd or 1/1 penetration

distance between fallers bodies 20mm

5 flat pins 1/1 penetration
 6 flat pins 1/3rd or 1/1 penetration
 7 flat pins 1/3rd or 1/1 penetration
 distance between fallers bodies 12mm

Wool combing

	<23micron	>23micron
1st passage after card	3R	3R
2nd passage after card	4R	4R
3rd passage after card	5F or 5R	5F or 5R

Combing machines

First finisher	5F or 5R
Second finisher	5F or 5R
(if commission top making)	6F or 7F

Combing of synthetics fibres

1st passage after card	3R or 4R
2nd passage after car	4F

Combing machines

First finisher	6F	(5F)
Second finisher	6F	(5F)

Spinning preparation

Semi-worsted and carpet yarn

1st passage after card	3R
2nd passage after card	4R
3rd passage after card	4R

Flax tow

Passage after card	3R
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Combing machines

First finisher	4R
1st passage	5F or 5R
2nd passage	6F

Recombing

Blending passage	3R or 4R
Passage before PB	5F

Combing machines

First finisher	5F or 5R
Second finisher	5F or 5R

Converting

Converter	4R
1st passage after converter	6F
2nd passage after converter	6F
If necessary	
3rd passage after converter	6F

Stretch breaking

R5L/GC	4R
Finisher	4R

Unshrinkable wool treatment

R5L/GC after backwasher	4R
Finisher	5F or 5R

Dyeing defelting

D2 GC	3R
Finisher	4R

Industrial yarn (Hosiery – weaving)

	<20micron	>20micron
Blender	4R	3R
1st passage	6F	5F or 5R
2nd passage	7F	6F
3rd passage	7F	7F

Hand knitting

Blender	3R
1st passage	4F
2nd passage	5F or 5R
3rd passage	6F

The pins density is determined according to the machine position in the line, the material load and fineness

It must be noticed that the pin lengths are different according to the type:

1/3rd penetration 7/8 pin length low back faller
 1/1 penetration: 31/32 pin length high back faller
 R= round pin F = flat pin