PROSINO S.r.l BORGOSESIA RINGS	CUSTOMER	
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STEELHAWK START UP PROGRAM

Rings are supplied lightly oiled to facilitate the start-up

Start-up program for 100% Cotton, blends, Ne 60 and coarser

Phase	Spindle	Traveller Change Duration ¹	Traveller
	Speed	Duration ¹	Number
I	100%	1 doff	1 number lighter
II	100%	After 25% of the normal	Normal Traveller
		traveller life time	
Ш	100%	After 50% of the normal	Normal Traveller
		traveller life time	
IV	100%	After 75% of the normal	Normal Traveller
		traveller life time	
V	100%	Normal traveller life time	Normal Traveller

Start-up program for special fibres, special yarns, fine counts

- Cotton Ne 60 and finer
- 100% synthetics
- Core yarns
- Compact yarns
- Cotton and blends with high twist

Phase	Spindle	Traveller Change	Traveller
	Speed	Duration ²	Number
	90%	1 doff	1 number lighter
Ш	90%	12 hours	Normal Traveller
Ш	95%	24 hours	Normal Traveller
IV	100%	48 hours	Normal Traveller
V	100%	72 hours	Normal Traveller
VI	100%	120 hours, extend in	Normal Traveller
		steps to normal traveller	
		life	

• After the end of start-up program the rings <u>might require 1 or 2 number heavier travellers</u> than the conventional rings now installed spinning at the same conditions.

IMPORTANT NOTES:

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¹ The traveller change must be done with full cops (not with empty tubes!).

² The traveller change must be done with full cops (not with empty tubes!).