

Recommended travelers
Short-staple spinning

PROSINO
A Subsidiary of the Rieter Group



Recommended Travelers for Short-Staple Ring Spinning

Technical information

Recommended Travelers Guide

This guide provides recommended traveler types for short-staple ring spinning based on material, yarn count and flange profile. The recommendations serve as a starting point for traveler selection. The optimum traveler should always be determined according to the specific spinning conditions.

Bräcker

Bräcker
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Material	Yarn count [Ne]	1/2	Flange profile			
			1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
Cotton	6 to 16		M 1 dr / udr C 1 LM udr C 1 MM udr C 1 HW dr	EM 1 dr / udr C 1 LM udr C 1 UM udr	C 2 HW dr H 2 dr H 2 f C 2 MM dr	EH 2 dr C 2 MM dr
	12 to 40		M 1 dr / udr C 1 LM udr C 1 MM udr C 1 UM udr C 1 UL udr	EM 1 dr / udr C 1 LM udr C 1 UM udr C 1 MM udr C 1 UL udr	M 2 dr C 2 MM dr C 2 UM udr H 2 f M 2 f	EM 2 dr C 2 MM dr C 2 UM udr EH 2 dr
	30 to 80		C 1 SL dr / udr C 1 MM udr C 1 UL udr M 1 dr / f	C 1 SL dr C 1 MM udr C 1 UL udr EM 1 udr C 1 SEL udr	M 2 udr C 2 MM dr C 2 UM udr	EM 2 dr / udr C 2 MM dr C 2 UM udr
	60 to 150	C 1/2 UM udr C 1/2 UL dr C 1/2 EL udr C 1/2 EM f	C 1 SL dr C 1 EL udr C 1 SEL udr EL 1 f C 1 SL udr C 1 EL dr C 1 UL udr M 1 dr / f	C 1 SL dr C 1 EL udr C 1 SEL udr EL 1 f EM 1 dr C 1 SL udr C 1 EL dr C 1 UL udr	M 2 dr / f	EM 2 dr
Compact spinning	10 to 24		C 1 MM udr C 1 UL udr			
	30 to 105		C 1 EL u			
100% synthetics/ cotton blends	6 to 24		M 1 dr C 1 MM udr C 1 UM udr C 1 HW dr C 1 LM udr	EM 1 dr C 1 MM udr C 1 UM udr	H 2 dr C 2 HW dr C 2 UM udr	EH 2 dr C 2 HW dr
	20 to 60		M 1 dr / udr C 1 UM udr C 1 MM udr C 1 LM udr C 1 UL udr C 1 SL dr	EM 1 dr / udr C 1 UM udr C 1 MM udr C 1 LM udr C 1 UL udr C 1 SL dr	C 2 MM dr C 2 UM udr M 2 dr	C 2 MM dr C 2 UM udr EM 2 dr

Travelers in **bold prints** are mostly used.

Note: Traveler selection may vary depending on the raw material, yarn count, spindle speed, ring condition, machine settings and required yarn quality. Final selection should be confirmed through spinning trials.

A. B. Carter

Flange profile					
Material	1/2	1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
100% cotton	CPF FGUL KD	UTM UTH ML USTM USTH CB UM UL EL PCM	UTM UTH USTM USTH SM1 FGM	UT1 UT1.5 EB2 CB2 SM2	UT1 UT1.5 EB2 CB2 SM2
100% cotton compact		CPF FGL FGUL EL	CPF FGL FGUL EL		
100% cotton blends	KD	UTM UTH USTM USTH SM1 CB	UTM UTH USTM USTH UL UWL SM1 CB	UT1.5 EB2 MTW2 SM2	UT1.5 EB2 MTW2 SM2
100% synthetic		SPM EM BKH CB ML EP FT MH	SPM EM BKH CB ML EP FT MH	UT1.5 M1.5 MTW2	UT1.5 M1.5 MTW2

Note: Traveler selection may vary depending on the raw material, yarn count, spindle speed, ring condition, machine settings and required yarn quality. Final selection should be confirmed through spinning trials.

Kanai

Flange profile						
Material	Yarn count [Ne]	1/2	1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
100% cotton	up to 20		TM ZS/hf	TM ZS/hf	TM Z/hf TM BZ/hf	TM Z/hf TM BZ/hf
	20 to 40		NFC MS/Hf NFC MSR/hf	NFC MS/Hf NFC MSR/hf		
	over 40	NFC ESS/hf	NFC ESY/hf	TM OSY/hf NFC ESY/hf		
100% cotton compact	20 to 40		NFC ESZ/hf NFC ESR/hf	NFC ESZ/hf NFC ESR/hf		
	over 40	NFC ESS/hf	NFC ESZ/hf NFC ESR/hf	NFC ESZ/hf NFC ESR/hf		
100% cotton blends	up to 20		TM ZS/hf	TM ZS/hf	TM Z/hf	TM Z/hf
	20 to 40		NFC ZS/Hf NFC MS/hf	NFC ZS/Hf NFC MS/hf		
	over 40		NFC MS/hf	NFC MS/hf		
100% synthetic	up to 20		TM ZS/hf	TM ZS/hf	TM Z/hf TM BZ/hf	TM Z/hf TM BZ/hf
	20 to 40		NFC MS/Hf NFC MSR/hf	NFC MS/Hf NFC MSR/hf		
	over 40		NFC MS/Hf NFC MSR/hf	NFC MS/Hf NFC MSR/hf		

Note: Traveler selection may vary depending on the raw material, yarn count, spindle speed, ring condition, machine settings and required yarn quality. Final selection should be confirmed through spinning trials.

Lakshmi / LRT

Material	Yarn count [Ne]	1/2	Flange profile			
			1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
Cotton, cotton & blends	up to 19		U1C1 UDR U1 CS UDR	U1C1 UDR U1 CS UDR		
	20 to 40		M1 UDR U1 US UDR U1 UM UDR U1 ML UDR	EM1 UDR U1 US UDR U1 UM UDR U1 ML UDR		
	over 40		L1 UDR U1 UL UDR	EL1 UDR U1 UL UDR		
100% cotton compact	up to 19		U1 US UDR U1UM UDR	U1 US UDR U1 UM UDR		
	20 to 29		L1 UDR U1 ML UDR	U1 UM UDR U1 ML UDR		
	30 to 39		L1 UDR U1 UL UDR U1 EL UDR	U1 UL UDR EL1 UDR U1 EL UDR		
	40 to 60		U1 LEL UDR U1 EL UDR	EL1 UDR U1 LEL UDR U1 EL UDR		
	over 60		U1 EL UDR U1 CL UDR	U1 EL UDR U1 CL UDR		
Cotton	up to 18				C2 H2 P2 U2 UM	C2 EH2 EP2 U2 UM
	20 to 30				M2 H2 U2 UM	EM2 EH2 U2 UM
	31 to 40	U1/2 UM UDR			M2	EM2 EL2
	41 to 50	U1/2 UM UDR U1/2 UL UDR			M2	EM2 EL2
	over 40	U1/2 UL UDR U1/2 EL UDR			M2	EM2 EL2
Synthetics	up to 16		U1 C1 UDR U1 CS UDR	U1 C1 UDR U1 CS UDR		
	18 to 60		M1 HO U1 C1 UDR U1 US UDR U1 UM UDR	EM1 HO U1 C1 UDR U1 US UDR U1 UM UDR		
	over 60		U1 ML UDR L1 UDR U1 UL UDR	U1 ML UDR U1 UL UDR EL1 UDR		
Synthetics & blends	up to 18				C2 H2 P2 U2 UM	C2 EH2 EP2 U2 UM
	20 to 30				M2 H2 U2 UM	EM2 EH2 U2 UM
	over 40				M2 H2	EM2 EH2

Note: Traveler selection may vary depending on the raw material, yarn count, spindle speed, ring condition, machine settings and required yarn quality. Final selection should be confirmed through spinning trials.

Reiners + Fürst GmbH u. Co. KG

Material	Yarn count [Ne]	1/2	Flange profile			
			1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
Carded cotton	up to 16		C 1 hf KM C 1 hr EMT C 1 hd EMT C 1 hr MT	EL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT C 1 hr MT	C 2 hr MT	
	over 16		C 1 hr TW C 1 hf KM C 1 hd EMT	EL 1 hd EM C 1 hr TW C 1 hf KM C 1 hd EMT	C 2 hr T	
Combed cotton weaving	up to 24		C 1 hr TW C 1 hr EMT C 1 hd EMT	EL 1 hd W C 1 hr TW C 1 hr EMT C 1 hd EMT	C 2 hr MT	
	over 24	EL 1/2 hd	C 1 hd TW	EL 1 f EL 1 hf EL 1 hd W EL 1 f HW C 1 hd TW	C 2 hr T	
Combed cotton knitting	up to 30		C 1 hr TW C 1 hr EMT	EL 1 hd EM C 1 hr TW C 1 hr EMT	C 2 hr MT	
	over 30	EL 1/2 hd	C 1 hr TW C 1 hd TW C 1 hr EMT C 1 hd EMT	EL 1 hd EM EL 1 f HW C 1 hr TW C 1 hd TW C 1 hr EMT C 1 hd EMT	C 2 hr T	
Fancy yarn	up to 16		C 1 hr MT C 1 hr MTW	EL 1 hr HW C 1 hr MT C 1 hr MTW	C 2 hr MT C 2 hr MTW	
	over 16		C 1 hr MT	EL 1 hr HW C 1 hr MT	C 2 hr T C 2 hr MT	
Compact yarn	up to 30	EL 1/2 hd		EL 1 hd TW	C 2 hr T	
	over 30			EL 1 hf T EL 1 hd TW EL 1 hd TWW	C 2 hr T	
Cotton/PES	up to 24		HEL 1 hr EMT C 1 hf KM C 1 hr EMT	HEL 1 hr EMT C 1 hf KM C 1 hr EMT	C 2 hr MT	
	over 24		HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	EL 1 hd EM EL 1 hd W HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	C 2 hr T	
PES/viscose	up to 24		HEL 1 hr EMT C 1 hf KM C 1 hr EMT	EL 1 hd W EL 1 hr HW HEL 1 hr EMT C 1 hf KM C 1 hr EMT	C 2 hr MT	

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Flange profile						
Material	Yarn count [Ne]	1/2	1 Normal profile	1 Anti wedge profile	2 Normal profile	2 Anti wedge profile
PES/viscose	over 24		HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	EL 1 hd W HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	C 2 hr T	
100% PES	up to 30		HEL 1 hr EMT C 1 hf KM C 1 hr EMT	HEL 1 hr EMT C 1 hf KM C 1 hr EMT	C 2 hr MT C 2 rf MT	
	over 30		HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	HEL 1 hr EMT C 1 hf KM C 1 hr EMT C 1 hd EMT	C 2 hr T C 2 rf MT	
Cotton/viscose	up to 30		HEL 1 hr EMT C 1 hr TW C 1 hf KM C 1 hr EMT	HEL 1 hr EMT C 1 hr TW C 1 hf KM C 1 hr EMT	C 2 hr MT	
	over 30		C 1 hd TW C 1 hf KM C 1 hr EMT C 1 hd EMT	EL 1 hd EM C 1 hd TW C 1 hf KM C 1 hr EMT C 1 hd EMT	C 2 hr T	
100% viscose	up to 30		HEL 1 hr EMT C 1 hr TW C 1 hf KM C 1 hr EMT	HEL 1 hr EMT C 1 hr TW C 1 hf KM C 1 hr EMT	C 2 hr MT	
	over 30		C 1 hd TW C 1 hf KM C 1 hd EMT	EL 1 f HW C 1 hd TW C 1 hf KM C 1 hd EMT	C 2 hr T	
Cotton/acryl	up to 30		HEL 1 hr EMT C 1 hf KM C 1 hr EMT	HEL 1 hr EMT C 1 hf KM C 1 hr EMT	C 2 hr T C 2 hr MT	
	over 30		C 1 hf KM C 1 hr EMT	C 1 hf KM C 1 hr EMT	C 2 hr T C 2 hr MT	
100% acryl	up to 30		HEL 1 hr EMT C 1 hr EMT C 1 hr MT C 1 rf MT	EL 1 hr HW HEL 1 hr EMT C 1 hr EMT C 1 hr MT C 1 rf MT	C 2 hr MT C 2 rf MT	
	over 30		HEL 1 hr EMT C 1 hr EMT C 1 hr MT C 1 rf MT	EL 1 hr HW HEL 1 hr EMT C 1 hr EMT C 1 hr MT C 1 rf MT	C 2 hr MT C 2 rf MT	
Hard core yarn	up to 16		C 1 rf MT	C 1 rf MT	C 2 hf MT C 2 rf MT	
	over 16		C 1 rf MT	C 1 rf MT	C 2 hf MT C 2 rf MT	
Soft core yarn	up to 16		C 1 hr MT	EL 1 hr HW C 1 hr MT	C 2 hr MT	
	over 16		C 1 hr MT	EL 1 hr HW C 1 hr MT	C 2 hr MT	

Note: Traveler selection may vary depending on the raw material, yarn count, spindle speed, ring condition, machine settings and required yarn quality. Final selection should be confirmed through spinning trials.

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