

# STEEL TRAVELERS FOR J (Conical) & HZ (Vertical)

AVAILABLE FINISHES	APPLICATION
BRILLIANT	High polished surface to enhance yarn quality and runnability on all fiber types.
MIRACLE	Special nickel finish to enhance wear resistance and prevent corrosion.
CPH (Chrome Plated Head)	Chrome plated for maximum wear resistance on abrasive fibers.

## **RINGS**



**A. B. Carter, Inc.** offers a complete range of rings and mounting systems for any spinning frame and yarn production application. All of our rings are manufactured utilizing the very latest state of the art processing equipment, which assures superior surface finish, hardness and dimensional characteristics. This will give our customers a traveler and ring combination that will increase consistency and efficiency in their spinning process. We offer the following standard ring finishes:

**METRO FINISH:** This is the most economical ring finish we offer. It is made of ball bearing steel with a Rockwell HRC 62-63. This shiny black corrision resistant finish is suitable for all yarns.

**S-2000 FINISH**: This ring was developed for maximum performance in high speed spinning applications. The hard surface offers long surface life and enhances the traveler performance even in the most demanding conditions.

- \*Higher density than hard chrome means less micro cracks \*Extreme low coefficient of friction
- \*Highly polished surface improves traveler stability and yarn quality
- \*High surface hardness ensures consistent flange profile throughout the life of the ring. Therefore traveler weight selection is consistent throughout the life of the rings.

4801 9  $\sim$ A. B. Carter, Inc. Tel: (704) 865-1201 E-mail: sales@abcarter.com 4801 York Highway Fax: (704) 864-8870 Website: www.abcarter.com Gastonia, NC 28052 USA



Trusted for the Long Run



#### CORE TRAVELER OFFERINGS FOR FLANGE 1 RINGS

No.   No. <th>SHAPE</th> <th>PROFILE</th> <th>RANGE</th> <th>APPLICATION</th> <th></th> <th></th> <th></th> <th></th> <th></th>	SHAPE	PROFILE	RANGE	APPLICATION						
No. 2010   Solar     112   CPFL hrw   120 - 2600   Fine Counts: Compact Cotton   1 and the counts: Compact Cotton   3.3   5.3   3.3     1   FGUL hrw   150 - 280   Fine Counts: Cotton, Normal & Compact   200   1.0   0   1.0   1     1   FGM hrw   30 - 15:0   Medium to Fine Counts: Cotton, Normal & Compact   200   1.0   0   1.0   1     1   FGM hrw   30 - 15:0   Medium to Fine Counts: Cotton, Normal & Compact   100   1.12 <td><math>\cap</math></td> <td colspan="4">1/2 FGUL hrw 15/0 - 28/0 Fine Counts: Compact Cotton in flange 1/2 rings</td> <td colspan="5">Traveler Weight Comparison Chart</td>	$\cap$	1/2 FGUL hrw 15/0 - 28/0 Fine Counts: Compact Cotton in flange 1/2 rings				Traveler Weight Comparison Chart				
C)   1/2 CPFL hrw   120 - 2x0   Ene Counts: Compact Cotton     1   FGUL hrw   150 - 28/0   Fine Counts: Cotton   2/0   7.1   6   7.1     1   FGUL hrw   150 - 28/0   Fine Counts: Cotton. Normal & Compact   2/0   0   0   0   1   1   0   1   6   7.1   7   7   7   7   7   7   7   7   7   7   7   7   7   7   7   7   7	$\cap$	1/2 CPC hrw	12/0 - 26/0	Fine Counts: Compact Cotton in flange 1/2 rings					Ka ISO	
1 FGUL hrw   15/0 - 28/0   Fine Counts: Cotton, Normal & Compact     1 FGU hrw   10/0 - 24/0   Eine Counts: Cotton, Normal & Compact     1 FGM hrw   30 - 15/0   Medium to Fine Counts: Cotton, Normal & Compact     1 FGM hrw   10 - 10/0   Medium Counts: Cotton, Normal & Compact     1 FGH hrw   1/0 - 10/0   Medium Counts: Cotton, Normal & Compact     1 CPF hrw   1/0 - 10/0   Medium Counts: Compact Cotton     1 CPF hrw   1/0 - 10/0   Fine Counts: Compact Cotton     1 CPF hrw   1/0 - 10/0   Fine Counts: Compact Cotton     1 CPF hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact     1 CPF hrw   1/0 - 10/0   Medium Counts: Cotton, Blends & Synthetics     1 EM hrw   10 - 7/0   Coarse to Medium Counts: Cotton, & Blends & Synthetics     1 UM hrw   10 - 12/0   Medium Counts: Cotton, Blends & Synthetics     1 SM1 hr   6 - 7/0   Medium Counts: Cotton, Blends & Synthetics     1 UM hrw   10 - 12/0   Medium Counts: Cotton, Blends & Synthetics     1 SM1 hr   6 - 7/0   Medium Counts: Cotton, Blends & Synthetics     1 SM1 hr   6 - 7/0   Medium Counts: Cotton	$\cap$	1/2 CPFL hrw	12/0 - 26/0	Fine Counts: Compact Cotton in flange 1/2 rings	· · · ·				$\square$	
1   FGL hrw   10/0 - 24/0   Eine Counts: Cotton, Normal & Compact     1   1   FGM hrw   3/0 - 15/0   Medium to Fine Counts: Cotton, Normal & Compact     1   1   FGM hrw   1/0 - 10/0   Medium Counts: Cotton, Normal & Compact     1   1   1/0 - 10/0   Medium Counts: Cotton, Normal & Compact     1   1   1/0 - 10/0   Medium Counts: Cotton, Normal & Compact     1   1   1/0 - 10/0   Fine Counts: Compact Cotton     1   1   1/0 - 10/0   Medium to Fine Counts: Compact     1   1   1/0 - 10/0   Medium to Fine Counts: Normal & Compact     1   1   1/0 - 10/0   Medium to Fine Counts: Normal & Compact     1   1   1/0 - 10/0   Medium to Fine Counts: Cotton & Blends   1/0 - 12/0     1   1   1/0 - 12/0   Medium to Fine Counts: Cotton & Blends   1/0 - 12/0     1   1   1/0 - 12/0   Medium Counts: Cotton, Blends & Synthetics   1/0 - 12/0     1   1   1/0 - 12/0   Medium Counts: Cotton, Blends & Synthetics   1/0 - 12/0     1	$\bigcirc$	1 FGUL hrw	15/0 - 28/0	Fine Counts: Compact Cotton					9	
11 Cell Inv   100 - 1400   111 Cell Inv   100 - 1400   111 Cell Inv     1   1 FGM hrw   30 - 15/0   Medium to Fine Counts: Cotton, Normal & Compact   100 - 12,0   112   113					22/0	9	8	9	1	
1 FGM hrw   3/0 - 15/0   Medium to Fine Counts: Cotton. Normal & Compact   18/0   12.5   11.2   12.5   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   11.1   13.2   13.1   13.2   13.1   13.2   13.1   13.2   13.1   13.2   13.1   13.2   13.1   13.2   13.1   13.2   13.1	$\bigcirc$	1 FGL hrw	10/0 - 24/0	Fine Counts: Cotton, Normal & Compact					12	
1 FGH hrw   1/0 - 10/0   Medium Counts: Cotton, Normal & Compact   160   14   132   14   132     1 CPC hrw   12/0 - 26/0   Eine Counts: Compact Cotton   13/0   15   14   15   1     1 CPF hrw   12/0 - 26/0   Fine Counts: Compact Cotton   13/0   17   16   17     1 CPF hrw   4/0 - 18/0   Medium to Fine Counts: Normal & Compact   9/0   22.4   20   22.4	$\bigcirc$	1 FGM hrw	3/0 - 15/0	Medium to Fine Counts : Cotton, Normal & Compact					13	
Image: Construction   150   15   14   15   14   15   14   15   14   15   14   15   14   15   14   15   16   15   16   15   16   16   17   17   16   17   17   16   17   17   16   17   17   16   17   17   17   18 <td><math>\bigcirc</math></td> <td>1 FGH hrw</td> <td>1/0 - 10/0</td> <td>Medium Counts: Cotton, Normal &amp; Compact</td> <td></td> <td></td> <td></td> <td></td> <td>14</td>	$\bigcirc$	1 FGH hrw	1/0 - 10/0	Medium Counts: Cotton, Normal & Compact					14	
Construction   Construction   Construction   Construction     1   CPFL hrw   1/2/0 - 26/0   Fine Counts: Compact Cotton   1/2/0   1/8   1/8   1/8   2     1   CPF hrw   4/0 - 18/0   Medium to Fine Counts: Normal & Compact   1/2/0   1/8   1/8   1/8   2     1   LEB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact   1/0/0   2/2.4   2/0   2/2.4   2/0   2/2.4   2/0   2/2.4   2/0	$\bigcirc$	1 CPC brw	12/0 - 26/0	Fine Counts: Compact Cotton	15/0	15	14	15	16	
1 CPFL hrw   12/0 - 26/0   Fine Counts: Compact Cotton     1 CPF hrw   4/0 - 18/0   Medium to Fine Counts: Normal & Compact   10/0   22.4   2     1 LPF hrw   4/0 - 18/0   Medium to Fine Counts: Normal & Compact   10/0   22.4   2     1 LEB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact   9/0   22.6   22.4   2     1 SPM hrw   2 - 7/0   Medium Counts: Cotton, Blends & Synthetics   9/0   23.6   3.5   3     1 LB hrw   10 - 7/0   Coarse to Medium Counts: Synthetics   9/0   3.5   3		1 01 0 11 1	12/0 20/0	rine Counts. Compact Cotton					17	
1 CPF hrw   4/0 - 18/0   Medium to Fine Counts: Normal & Compact     1 ELB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact   10/0   22.4   20   22.4   2     1 ELB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact   9/0   23.6   22.4   20   22.4   2     1 ELB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact   9/0   23.6   22.4   23.6   22.4   20   22.4   20   22.4   2   20   22.4   20   22.4   20   22.4   23.6   22.4   23.6   22.4   20   22.4   20   22.4   20   22.4   22.6   22.6   22.6   22.6   22.6   22.6   22.6   22.6   22.6   22.6   22.6   23.6	$\cap$	1 CPFL hrw	12/0 - 26/0	Fine Counts: Compact Cotton					21	
1   1	$\bigcirc$	1 CPE brw	4/0 - 18/0	Medium to Fine Counts: Normal & Compact	11/0	20	19	20	2	
No.   1 ELB hrw   1/0 - 10/0   Medium to Fine Counts: Normal & Compact     1   1 SPM hrw   2 - 7/0   Medium Counts: Cotton, Blends & Synthetics     1   1 EM hrw   10 - 7/0   Coarse to Medium Counts: Synthetics     1   1 UL hrw   1/0 - 20/0   Medium to Fine Counts : Cotton & Blends     1   1 UL hrw   1/0 - 20/0   Medium to Fine Counts : Cotton & Blends     1   1 UW hrw   10 - 12/0   Medium to Fine Counts : Cotton & Blends     1   1 UW hrw   10 - 12/0   Medium to Fine Counts : Cotton, Blends & Synthetics     1   1 Mm hrw   6 - 7/0   Medium Counts : Cotton, Blends & Synthetics     1   1 UTM hr   2 - 10/0   Medium Counts: Cotton, Blends & Synthetics     1   1 UTH hr   11 - 1   Medium Counts: Cotton, Blends & Synthetics     1   1 UTH hr   12 - 3   Course to Medium Counts: Cotton, Blends & Synthetics     1   1 UTH hr   12 - 3   Course to Medium Counts: Cotton, Blends & Synthetics     1   1 UTH hr   12 - 3   Course to Medium Counts: Cotton, Blends & Synthetics     1   1 UTH hr   4 - 6		1 CPF nrw 4/0 - 18/0 <u>Medium to Fine Counts: Normal &amp; Comp</u>							24	
Image: Control in Series & Synthetics   600   31.5   30   31.5   3     I EM hrw   10 - 7/0   Coarse to Medium Counts: Synthetics   6/0   31.5   31.5   35.5   3     I UL hrw   1/0 - 20/0   Medium to Fine Counts : Cotton & Blends   3/0   45   40   10<	$\bigcirc$	1 ELB hrw	1/0 - 10/0	Medium to Fine Counts: Normal & Compact					28	
1 EM hrw   10 - 7/0   Coarse to Medium Counts: Synthetics     1 UL hrw   1/0 - 20/0   Medium to Fine Counts : Cotton & Blends     1 UWL hrw   10 - 12/0   Medium to Fine Counts : Cotton & Blends     1 UWL hrw   10 - 12/0   Medium to Fine Counts : Cotton & Blends     1 UWL hrw   10 - 12/0   Medium to Fine Counts : Cotton & Blends     1 UM hrw   10 - 12/0   Medium counts : Cotton, Blends & Synthetics     1 RMT hrw   6 - 7/0   Medium Counts : Cotton, Blends & Synthetics     1 UTM hr   2 - 10/0   Medium Counts: Cotton, Blends & Synthetics     1 UTH hr   11 - 1   Medium Counts: Cotton, Blends & Synthetics     1 UTH hr   11 - 1   Medium Counts: Cotton, Blends & Synthetics     1 UTH hr   11 - 1   Medium Counts: Cotton, Blends & Synthetics     1 UTH hr   11 - 1   Medium Counts: Cotton, Blends & Synthetics     1 1 UTH hr   12 - 3   Course to Medium Counts: Cotton, Blends & Synthetics     1 1 CB hr   6 - 7/0   Medium counts: Cotton, Blends & Synthetics     1 1 ML hr   4 - 6/0   Medium to Fine Counts: Cotton & Blends     1 1 MM hrw   4 - 6/0   Medium to Fine	$\bigcirc$	1 SPM hrw	2 - 7/0	Medium Counts: Cotton, Blends & Synthetics	7/0	28	26.5	28	29	
1 1 10 12/0 Medium to Fine Counts : Cotton, Blends & Synthetics 10 63 60 63 66 100 10 10 10 11 17 11 10 10 10 10 10<									31	
1 1 UL hrw 1/0 - 20/0 Medium to Fine Counts : Cotton & Blends   1 1 UWL hrw 10 - 12/0 Medium to Fine Counts : Cotton & Blends   1 1 UW hrw 10 - 12/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 1 UW hrw 10 - 12/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 1 Medium Counts : Cotton, Blends & Synthetics 1 63 60 63 6   1 1 Medium Counts : Cotton, Blends & Synthetics 3 80 80 80 80   1 1 Medium Counts : Cotton, Blends & Synthetics 5 95	()	1 EM hrw	10 - 7/0	Coarse to Medium Counts: Synthetics					34 38	
1 UWL hrw 10 - 12/0 Medium to Fine Counts : Cotton & Blends   1 UM hrw 10 - 12/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 UM hrw 10 - 12/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 RMT hrw 6 - 7/0 Medium Counts : Cotton, Blends & Synthetics   1 SM1 hr 6 - 7/0 Medium counts : Cotton, Blends & Synthetics   1 UTM hr 2 - 10/0 Medium counts : Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 LBKH rwf 8 - 4/0 Medium counts: Cotton, Blends & Synthetics   1 1 ML hr 4 - 7/0 Medium counts: Cotton, Blends & Synthetics   1 1 ML hr 4 - 7/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 1 NMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	$\bigcirc$	1 UL hrw	1/0 - 20/0	Medium to Fine Counts : Cotton & Blends					42	
1 UM hrw 10 - 12/0 Medium to Fine Counts : Cotton. Blends & Synthetics   1 1 RMT hrw 6 - 7/0 Medium Counts : Cotton. Blends & Synthetics   1 1 S 90 85 90 8   1 1 Medium Counts : Cotton. Blends & Synthetics 4 90 85 90 8   1 1 UTM hr 6 - 7/0 Medium counts : Cotton. Blends & Synthetics 6 100 106 100 10   1 UTM hr 2 - 10/0 Medium Counts: Cotton. Blends & Synthetics 7 112 122 200 200	$\bigcirc$	1 UWL hrw	10 - 12/0	Medium to Fine Counts : Cotton & Blends					48	
1 UM hrw 10 - 12/0 Medium to Eine Counts : Cotton, Blends & Synthetics   1 RMT hrw 6 - 7/0 Medium Counts : Cotton, Blends & Synthetics   1 SM1 hr 6 - 7/0 Medium Counts : Cotton, Blends & Synthetics   1 UTM hr 2 - 10/0 Medium to Fine Counts: Cotton, Blends & Synthetics   1 UTM hr 2 - 10/0 Medium to Fine Counts: Cotton, Blends & Synthetics   1 UTM hr 1 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 1 DK hr 6 - 7/0 Medium Counts: Cotton, Blends & Synthetics   1 1 BKH rwf 8 - 4/0 Medium to Fine Counts: Cotton & Blends   1 1 MM hrw 4 - 6/0 Medium to Fine Counts: Cotton & Blends   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	0		10 12,0			<u> </u>	<u> </u>		62	
1 RMT hrw 6 - 7/0 Medium Counts : Cotton, Blends & Synthetics   1 SM1 hr 6 - 7/0 Medium Counts : Cotton, Blends & Synthetics   1 UTM hr 2 - 10/0 Medium to Fine Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 UTH hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 LCB hr 6 - 7/0 Medium Counts: Cotton, Blends & Synthetics   1 BKH rwf 8 - 4/0 Medium Counts: Cotton, Blends & Synthetics   1 ML hr 4 - 6/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 NMM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 NMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	()	1 UM hrw	10 - 12/0	Medium to Fine Counts : Cotton, Blends & Synthetics					73	
1 SM1 hr   6 - 7/0   Medium Counts : Cotton, Blends & Synthetics   5   95	$\bigcirc$	1 RMT hrw	6 - 7/0	Medium Counts : Cotton, Blends & Synthetics					8	
1 UTM hr 2 - 10/0 Medium to Fine Counts: Cotton, Blends & Synthetics   1 1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 1 UT1 hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 1 11 12 - 3 Course to Medium Counts: Cotton & Blends   1 1 12 - 3 Course to Medium Counts: Cotton & Blends 10 160 160 160 160   1 1 1 18 8 - 4/0 Medium Counts: Cotton & Blends 13 224 24 24 14 250	$\bigcirc$	1 CM1 br	6 7/0	Madium Counta : Cotton Planda & Synthetica					95	
1 1 0 1		1 SIVIT III	0 - 7/0	intedium counts : cotton, biends & Synthetics	6	100	106	100	10	
1 UTH hr 11 - 1 Medium Counts: Cotton, Blends & Synthetics   1 1 UT1 hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 1 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 1 18 180 180   1 1 18 180 180 12   1 1 18 180 180 12 200	$\bigcirc$	1 UTM hr	2 - 10/0	Medium to Fine Counts: Cotton, Blends & Synthetics					12	
1 UT1 hr 12 - 3 Course to Medium Counts: Cotton, Blends & Synthetics   1 1 CB hr 6 - 7/0 Medium Counts: Cotton & Blends   1 1 CB hr 6 - 7/0 Medium Counts: Cotton & Blends   1 1 BKH rwf 8 - 4/0 Medium Counts: Aramid Fibers   1 1 ML hr 4 - 7/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 1 NM hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	$\cap$	1 UTH br	11 - 1	Medium Counts: Cotton Blends & Synthetics					13 15	
1 CB hr 6 - 7/0 Medium Counts: Cotton & Blends 12 200 200 22   1 BKH rwf 8 - 4/0 Medium Counts: Aramid Fibers 14 250 236 250 26   1 ML hr 4 - 7/0 Medium to Fine Counts : Cotton, Blends & Synthetics 15 265 280 28   1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends 18 315 300 315 335   1 NMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton, Blends & Synthetics 19 335 315 335 325   1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics 24 400 385 400 44   26 425 415 425 425 450 425 450		101111			10				17	
1 CB hr 6 - 7/0 Medium Counts: Cotton & Blends   1 BKH rwf 8 - 4/0 Medium Counts: Aramid Fibers   1 BKH rwf 8 - 4/0 Medium counts: Aramid Fibers   1 ML hr 4 - 7/0 Medium to Fine Counts : Cotton, Blends & Synthetics   1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 NMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	()	1 UT1 hr	12 - 3	Course to Medium Counts: Cotton, Blends & Synthetics					20	
Image: Non-Structure New formation of the structure N	$\bigcirc$	1 CB hr	6 - 7/0	Medium Counts: Cotton & Blends					22 2	
1 ML hr 4 - 7/0 Medium to Fine Counts : Cotton, Blends & Synthetics 16 280 265 280 265   1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton, Blends & Synthetics 18 315 300 315 335   1 NMH fr, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends 19 335 315 335 34   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics 24 400 385 400 44   1 1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics 26 425 415 425 44	$\bigcirc$	1 BKH rwf	8 - 4/0	Medium Counts: Aramid Fibers			<del> </del>		26	
1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 1 NMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics									28	
1 MM hrw 4 - 6/0 Medium to Fine Counts : Cotton & Blends   1 RMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	()	1 ML hr	4 - 7/0	Medium to Fine Counts : Cotton, Blends & Synthetics	17	300		300	3	
1 RMH f, hrw 9 - 7/0 Medium to fine Counts: Cotton & Blends   1 USTL hrw 6/0 - 16/0 Fine Counts: Cotton, Blends & Synthetics   1 USTM hrw 1/0 - 10/0 Medium Counts: Cotton, Blends & Synthetics	$\bigcirc$	1 MM hrw	4 - 6/0	Medium to Fine Counts : Cotton & Blends					32 34	
Size	$\square$	1 RMH f bruv	9 _ 7/0	Medium to fine Counts: Cotton & Blands					35	
C >   1 USTM hrw   1/0 - 10/0   Medium Counts: Cotton, Blends & Synthetics   26   425   415   425   433		· · · · · · · · · · · · · · · · · · ·	3-7/0		22	375	355	375	37	
1 USTM hrw   1/0 - 10/0   Medium Counts: Cotton, Blends & Synthetics   28   450   425   450   450   450   450   450   450   450   450   <	$\bigcirc$	1 USTL hrw	6/0 - 16/0	Fine Counts: Cotton, Blends & Synthetics					40 43	
1USTH hrw   12 - 1   Coarse to Medium Counts: Cotton, Blends & Synthetics	$\bigcirc$	1 USTM hrw	1/0 - 10/0	Medium Counts: Cotton, Blends & Synthetics					45	
	$\bigcirc$	1USTH hrw	12 - 1	Coarse to Medium Counts: Cotton, Blends & Synthetics						

	1992 - 2010			
	$\bigcirc$	2 UT1.5 hr	28 - 3/0	
	$\bigcirc$	2 EB2 hrw	28 - 3/0	
	$\bigcirc$	2 EM hrw	14 - 1	
	$\bigcirc$	2 SH hrw	12 - 6/0	
	$\bigcirc$	2 KFT1.5 hr	12 - 3/0	
	$\bigcirc$	2 EH hrw	14 - 1	
	$\bigcirc$	2 MTW hrw	44 - 5	
TRAV	'ELER F	INISHES		
	Our long li speed. Inc			
	Developed Excellent r			
SUPREME Universa counts. C				
	Special Nic corrosion.			

SHAPE

( )

C

R&F Bracker Kanai ISO No ISO No ISO No

9.5 11

12.3

13

13.7

14.5

15.4

16.5

17.9

19.5

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23

24.7

26.4

28.1

29.7

31.8

34.9

38.1

42.2

48.5

55.2

62.2

73.6

81

87.7

95.3

108.4

121.8

135.4

155.7

176.1

204.1

224.5

245

265.3

285.8

299.3

313

326.6

340.2

350.6

377.5

404.1

430.6

456.2

	WIRI
hr	The hr profile protects fibers from da formation on fine cotton yarn.
hrw	The hrw profile is used for cotton and
f	The flat wire profile is used on 100% yarn hairiness. Ask for availability by
rwf	For core yarns and sensitive synthetic smooth yarn contact plus maximum
hr ff	For core yarns with elastic yarn as the

#### CORE TRAVELER OFFEF

RANGE 10 - 3/0

12 - 6/0

PROFILE

2 CB hr

2 SM2 hr

E	ERINGS FOR FLANGE 2 RINGS
	APPLICATION
	Coarse to Medium Counts: Cotton
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	Coarse to Medium Counts: Cotton, Blends, Core, Slub

Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim

and Denim

### **APPLICATION**

life finish, developed for all fiber types and all levels of creases the traveler and ring life.

d for use on chrome rings in high speed applications. results on all fiber types and yarns counts.

(Bright Nickel) finish for use on all fibers types and yarn ptimum resistance to corrosion.

ickel finish to enhance wear resistance and prevent

### E APPLICATIONS

amage for synthetics and blends and reduces nep

nd blends and allows maximum production rates.

cotton. It is used for special applications to reduce y traveler number and profile.

ic fibers. Combination of R profile and F profile gives yarn clearance.

ne core. Also used on synthetic yarns.