



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 corrosion 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.



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...STEEL TRAVELERS
FOR SHORT STAPLE
SPINNING!!!

CORE TRAVELER OFFERINGS FOR FLANGE 1 RINGS

SHAPE	PROFILE	RANGE	APPLICATION
	1/2 FGUL hrw	15/0 - 28/0	<u>Fine Counts: Compact Cotton in flange 1/2 rings</u>
	1/2 CPC hrw	12/0 - 26/0	<u>Fine Counts: Compact Cotton in flange 1/2 rings</u>
	1/2 CPFL hrw	12/0 - 26/0	<u>Fine Counts: Compact Cotton in flange 1/2 rings</u>
	1 FGUL hrw	15/0 - 28/0	<u>Fine Counts: Compact Cotton</u>
	1 FGL hrw	10/0 - 24/0	<u>Fine Counts: Cotton, Normal & Compact</u>
	1 FGM hrw	3/0 - 15/0	<u>Medium to Fine Counts : Cotton, Normal & Compact</u>
	1 FGH hrw	1/0 - 10/0	<u>Medium Counts: Cotton, Normal & Compact</u>
	1 CPC hrw	12/0 - 26/0	<u>Fine Counts: Compact Cotton</u>
	1 CPFL hrw	12/0 - 26/0	<u>Fine Counts: Compact Cotton</u>
	1 CPF hrw	4/0 - 18/0	<u>Medium to Fine Counts: Normal & Compact</u>
	1 ELB hrw	1/0 - 10/0	<u>Medium to Fine Counts: Normal & Compact</u>
	1 SPM hrw	2 - 7/0	<u>Medium Counts: Cotton, Blends & Synthetics</u>
	1 EM hrw	10 - 7/0	<u>Coarse to Medium Counts: Synthetics</u>
	1 UL hrw	1/0 - 20/0	<u>Medium to Fine Counts : Cotton & Blends</u>
	1 UWL hrw	10 - 12/0	<u>Medium to Fine Counts : Cotton & Blends</u>
	1 UM hrw	10 - 12/0	<u>Medium to Fine Counts : Cotton, Blends & Synthetics</u>
	1 RMT hrw	6 - 7/0	<u>Medium Counts : Cotton, Blends & Synthetics</u>
	1 SM1 hr	6 - 7/0	<u>Medium Counts : Cotton, Blends & Synthetics</u>
	1 UTM hr	2 - 10/0	<u>Medium to Fine Counts: Cotton, Blends & Synthetics</u>
	1 UTH hr	11 - 1	<u>Medium Counts: Cotton, Blends & Synthetics</u>
	1 UT1 hr	12 - 3	<u>Course to Medium Counts: Cotton, Blends & Synthetics</u>
	1 CB hr	6 - 7/0	<u>Medium Counts: Cotton & Blends</u>
	1 BKH rwf	8 - 4/0	<u>Medium Counts: Aramid Fibers</u>
	1 ML hr	4 - 7/0	<u>Medium to Fine Counts : Cotton, Blends & Synthetics</u>
	1 MM hrw	4 - 6/0	<u>Medium to Fine Counts : Cotton & Blends</u>
	1 RMH f, hrw	9 - 7/0	<u>Medium to fine Counts: Cotton & Blends</u>
	1 USTL hrw	6/0 - 16/0	<u>Fine Counts: Cotton, Blends & Synthetics</u>
	1 USTM hrw	1/0 - 10/0	<u>Medium Counts: Cotton, Blends & Synthetics</u>
	1USTH hrw	12 - 1	<u>Coarse to Medium Counts: Cotton, Blends & Synthetics</u>

Traveler Weight Comparison Chart

Traveler Number	AB Carter ISO No	R&F ISO No	Bracker ISO No	Kanai ISO No
28/0	6.3	5	6.3	
26/0	7.1	6	7.1	
24/0	8	7.1	8	9.5
22/0	9	8	9	11
20/0	10	9	10	12.3
19/0	11.2	10	11.2	13
18/0	12.5	11.2	12.5	13.7
17/0	13.2	11.8	13.2	14.5
16/0	14	13.2	14	15.4
15/0	15	14	15	16.5
14/0	16	15	16	17.9
13/0	17	16	17	19.5
12/0	18	18	18	21.2
11/0	20	19	20	23
10/0	22.4	20	22.4	24.7
9/0	23.6	22.4	23.6	26.4
8/0	25	23.6	25	28.1
7/0	28	26.5	28	29.7
6/0	31.5	30	31.5	31.8
5/0	35.5	31.5	35.5	34.9
4/0	40	35.5	40	38.1
3/0	45	40	45	42.2
2/0	50	45	50	48.5
1/0	56	50	56	55.2
1	63	60	63	62.2
2	71	71	71	73.6
3	80	80	80	81
4	90	85	90	87.7
5	95	95	95	95.3
6	100	106	100	108.4
7	112	112	112	121.8
8	125	125	125	135.4
9	140	140	140	155.7
10	160	160	160	176.1
11	180	180	180	204.1
12	200	200	200	224.5
13	224	224	224	245
14	250	236	250	265.3
15	265	250	265	285.8
16	280	265	280	299.3
17	300	280	300	313
18	315	300	315	326.6
19	335	315	335	340.2
20	355	325	355	350.6
22	375	355	375	377.5
24	400	385	400	404.1
26	425	415	425	430.6
28	450	425	450	456.2

CORE TRAVELER OFFERINGS FOR FLANGE 2 RINGS

SHAPE	PROFILE	RANGE	APPLICATION
	2 CB hr	10 - 3/0	Coarse to Medium Counts: Cotton
	2 SM2 hr	12 - 6/0	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 UT1.5 hr	28 - 3/0	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 EB2 hrw	28 - 3/0	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 EM hrw	14 - 1	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 SH hrw	12 - 6/0	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 KFT1.5 hr	12 - 3/0	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 EH hrw	14 - 1	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim
	2 MTW hrw	44 - 5	Coarse to Medium Counts: Cotton, Blends, Core, Slub and Denim

TRAVELER FINISHES	APPLICATION
	Our long life finish, developed for all fiber types and all levels of speed. Increases the traveler and ring life.
	Developed for use on chrome rings in high speed applications. Excellent results on all fiber types and yarns counts.
	Universal (Bright Nickel) finish for use on all fibers types and yarn counts. Optimum resistance to corrosion.
	Special Nickel finish to enhance wear resistance and prevent corrosion.

WIRE APPLICATIONS	
	The hr profile protects fibers from damage for synthetics and blends and reduces nep formation on fine cotton yarn.
	The hrw profile is used for cotton and blends and allows maximum production rates.
	The flat wire profile is used on 100% cotton. It is used for special applications to reduce yarn hairiness. Ask for availability by traveler number and profile.
	For core yarns and sensitive synthetic fibers. Combination of R profile and F profile gives smooth yarn contact plus maximum yarn clearance.
	For core yarns with elastic yarn as the core. Also used on synthetic yarns.