



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.



Trusted for the Long Run



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



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CORE TRAVELER OFFERINGS FOR FLANGE 1 & 1/2 RINGS

Shape	Profile	Range	Application
	1/2 FGUL hrw	15/0 - 28/0	Fine Counts: Compact Cotton in flange 1/2 rings
	1/2 CPC hrw	12/0 - 26/0	Fine Counts: Compact Cotton in flange 1/2 rings
	1/2 CPFL hrw	12/0 - 26/0	Fine Counts: Compact Cotton in flange 1/2 rings
	1 FGUL hrw	15/0 - 28/0	Fine Counts: Compact Cotton
	1 FGL hrw	10/0 - 24/0	Fine Counts: Cotton, Normal and Compact
	1 FGM hrw	3/0 - 15/0	Medium to Fine Counts : Cotton, Normal and Compact
	1 FGH hrw	1/0 - 10/0	Medium Counts: Cotton, Normal and Compact
	1 CPC hr	12/0 - 26/0	Fine Counts: Compact Cotton
	1 CPFL hrw	12/0 - 26/0	Fine Counts: Compact Cotton
	1 CPF hrw	4/0 - 18/0	Medium to Fine Counts: Normal and Compact
	1 CPFM hrw	4 - 12/0	Medium to Fine Counts: Normal and Compact
	1 ELB hrw	1/0 - 10/0	Medium to Fine Counts: Normal and Compact
	1 EL hrw	1/0 - 10/1	Medium to Fine Counts: Normal and Compact
	1 SPM hrw	2 - 7/0	Medium to Fine Counts: Blends and Synthetics
	1 EM hrw	10 - 7/0	Coarse to Medium Counts: Synthetics
	1 UL hrw	1/0 - 20/0	Medium to Fine Counts : Cotton and Blends
	1 UWL hrw	10 - 12/0	Medium to Fine Counts : Cotton and Blends
	1 UWLG hrw	3 - 12/0	Medium to Fine Counts : Cotton
	1 UWLT hrw	3 - 12/0	Medium to Fine Counts : Blends and Synthetics
	1 UM hrw	10 - 12/0	Medium to Fine Counts : Cotton, Blends and Synthetics
	1 UM hrwd	10 - 12/0	Medium to Fine Counts : Cotton, Blends and Synthetics
	1 RMT hrw	6 - 7/0	Medium Counts : Cotton, Blends and Synthetics
	1 RMT hr	8 - 10/0	Medium Counts: Synthetics and Blends
	1 SM1 hr, f	6 - 7/0	Medium Counts : Cotton, Blends and Synthetics
	1 UTM hr, hrw	2 - 10/0	Medium to Fine Counts: Cotton, Blends and Synthetics
	1 UTH hr, hrw	11 - 1	Medium Counts: Cotton, Blends and Synthetics
	1 UT1 hr	12 - 3	Course to Medium Counts: Cotton, Blends and Synthetics
	1 CB hr, f	6 - 7/0	Medium Counts: Cotton and Blends
	1 BKH rwf	8 - 4/0	Medium Counts: Aramid Fibers
	1 RMH f, hrw	9 - 7/0	Medium to fine Counts: Cotton and Blends
	1 USTL hrw	6/0 - 16/0	Fine Counts: Cotton, Blends and Synthetics
	1 USTM hrw	1/0 - 10/0	Medium Counts: Cotton, Blends and Synthetics
	1 USTH hrw	12 - 1	Coarse to Medium Counts: Cotton, Blends and Synthetics

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, hrff	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 SH2 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 MTW2 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 SHAPE APPLICATION	
	The "hr" profile protects fibers from damage for synthetics and blends and reduces nep formation on fine cotton yarn.
	The "hrw/hrwd" 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 round profile and flat foot profile gives smooth yarn contact plus maximum yarn clearance. Usually for Aramid fibers.
	For core yarns with elastic yarn as the core. Also used on synthetic yarns.