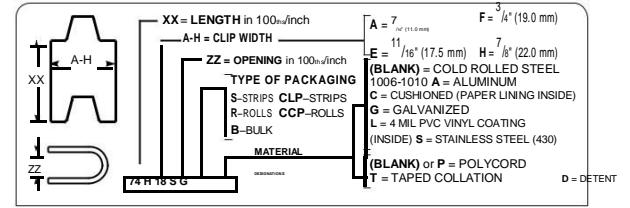


E-Clips & Tool Guide BY CLIPS

Encore and Hartco clip equivalents, pack/ship configurations, tools to use with each, and typical applications



STRIP						INCHES			MILLIMETERS			ECLIPSER 2000 SERIES		GENUINE HARTCO CLINCH TOOLS			APPLICATIONS
ENCORE E-Clip #	HARTCO Clip #	#/STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	HEIGHT	WIDTH	DEPT H	HEIGHT	WIDTH	DEPTH	ENCORE	HARTCO	A SERIES	B SERIES	C SERIES**	
52A14SG	-	58	15,834	25	11.4	0.32	0.40	0.20	8.2	10	5.1	EA2000-1234	HR2000-1234				Cages, Traps & Wires
64A18SG	CLP-15G	47	10,857	24	10.9	0.41	0.43	0.26	10.4	11	6.6	EA2000-1020S	HR2000-1020S	HR-45i			Housing Panels, Cages, Cables
												EA2000-1929	HR2000-1929	HR-45TN			Tight Access Cages & Traps
68H18S	CLP-22	47	4,700	22	10.0	0.47	0.86	0.26	11.9	22	6.6	EA2000-6075	HR2000-6075				Bedding, Furniture
71A16SAL	CLP-13AL	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1929	HR2000-1929	HR-45TN			Tight Access Cages & Traps
71A18S	CLP-13	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1020S	HR2000-1020S	HR-45i			Tight Access Cages & Traps
												EA2000-1929	HR2000-1929	HR-45TN			Housing Panels, Cages, Cables
71A18SG	CLP-13G	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1020S	HR2000-1020S	HR-45i			Tight Access Cages & Traps
												EA2000-1929	HR2000-1929	HR-45TN			Housing Panels, Cages, Cables
72E18S	CLP-20	47	6,110	24	10.9	0.47	0.67	0.26	11.9	17	6.6	EA2000-3236	HR2000-3236	HR-68	HR-68B	HR-68C-100	Bedding
74F18S	CLP-2312	47	5,076	22	10.0	0.49	0.73	0.26	12.4	19	6.6	EA2000-6080	HR2000-6080	HR-65AT	HR-65BAT	HR-65C-130	Bedding, Furniture
74H18S	CLP-23	47	4,230	22	10.0	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR2000-6080	HR-65AT	HR-65BAT	HR-65C-130	Bedding, Furniture
74H18SC	CLP-23C	47	4,230	23	10.5	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR2000-6080	HR-65AT	HR-65BAT	HR-65C-130	Bedding, Furniture
74H18SG	CLP-23G	47	4,230	22	10.0	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR2000-6080	HR-65AT	HR-65BAT	HR-65C-130	Bedding, Furniture
76A18S	CLP-26	47	8,460	24	10.7	0.50	0.43	0.26	12.7	11	6.6	EA2000-1020	HR2000-1020	HR-45			Bedding
78E18S	CLP-20L	47	5,499	23	10.5	0.50	0.67	0.26	12.7	17	6.6	EA2000-3236	HR2000-3236	HR-68	HR-68B	HR-68C-100	Bedding
80F23S	CLP-312	40	4,320	22	10.0	0.51	0.73	0.31	13.0	19	7.9	EA2000-6181	HR2000-6181	HR-66	HR-66B		Bedding, Furniture
80H18S	CLP-25	47	4,230	22	10.0	0.52	0.86	0.26	13.2	22	6.6	EA2000-6080	HR2000-6080	HR-65AT	HR-65BAT	HR-65C-130	Bedding, Furniture
80H23S	CLP-3	40	3,600	22	10.0	0.51	0.86	0.31	13.0	22	7.9	EA2000-6181	HR2000-6181	HR-66	HR-66B	HR-66C-110	Bedding, Furniture
85A18S	CLP-30	47	7,520	21	9.5	0.55	0.43	0.26	14.0	11	6.6	EA2000-1020	HR2000-1020	HR-45			Bedding
85A22S	CLP-33	42	6,720	24	10.9	0.54	0.43	0.29	13.7	11	7.4	EA2000-1022	HR2000-1022				Bedding
88A22S	CLP-32	42	6,720	25	11.4	0.55	0.43	0.29	14.0	11	7.4	EA2000-1022	HR2000-1022				Bedding
88F23S	CLP-412	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6181	HR2000-6181	HR-66	HR-66B	HR-66C-110	Bedding, Furniture
	CLP-412	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6185	HR2000-6185	HR-66	HR-66B		Bedding
	CLP-72	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6185	HR2000-6185				Bedding
88F23SAL	CLP-4NAL	40	3,840	8	3.6	0.57	0.73	0.31	14.5	19	7.9	EA2000-4151T	HR2000-4151T				Crab Pots, Lobster Traps
88H23S	CLP-4	36	3,200	23	10.5	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181	HR2000-6181	HR-66	HR-66B	HR-66C-110	Bedding, Furniture
88H23SAL	CLP-4AL	36	3,200	8	3.6	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181T	HR2000-6181T				Crab Pots, Lobster Traps
88H23SC	CLP-4C	36	3,200	24	10.9	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181	HR2000-6181	HR-66	HR-66B	HR-66C-110	Bedding, Furniture

[Hartco]: CLP=Clip Strip; CCP=Clip Coil

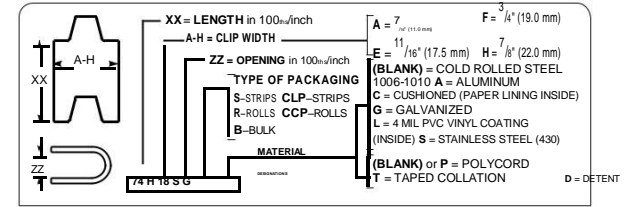
[Eclipser]: S = Short; T = Thin/Low Profile Pin

[Hartco]: L = Lobster w Low Profile Pin; N = Narrow

** OBSOLETE

E-Clips & Tool Guide BY CLIPS

Encore and Hartco clip equivalents, pack/ship configurations, tools to use with each, and typical applications



STRIP						INCHES			MILLIMETERS			ECLIPSER 2000 SERIES		GENUINE HARTCO CLINCH TOOLS			APPLICATIONS
ENCORE E-Clip #	HARTCO Clip #	#/STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDT H	DEPTH	ENCORE	HARTCO	A SERIES	B SERIES	C SERIES**	
90A29SG	-	29	5,220	24	10.9	0.50	0.43	0.41	12.7	11	10.4	EA2000-1533	HR2000-1533				Fencing, Razor or Concertina Wire
90F18S	CLP-24N	47	3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2000-6082	HR2000-6082				Bedding, Furniture
90F18SG	CLP-2412G	47	3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2000-6082	HR2000-6082				Bedding, Furniture
90H18S	CLP-24	47	3,290	24	10.9	0.62	0.86	0.26	15.7	22	6.6	EA2000-6082	HR2000-6082				Bedding, Furniture
90H18SG	CLP-24G	47	3,290	24	10.9	0.62	0.86	0.26	15.7	22	6.6	EA2000-6082	HR2000-6082				Bedding, Furniture
91A23S	CLP-14	40	5,600	23	10.5	0.56	0.43	0.31	14.2	11	7.9	EA2000-1121	HR2000-1121	HR-46			Bedding, 5mm BW
96A23S	CLP-9	40	5,600	24	10.9	0.59	0.43	0.31	15.0	11	7.9	EA2000-1121	HR2000-1121	HR-46			Bedding, 5mm BW
101F23SAL	CLP-34NAL	40	3,360	9	4.1	0.68	0.73	0.31	17.3	19	7.9	EA2000-4157T	HR2000-4157T	HR-85SLN	HR-85SBLN		Crab Pots, Lobster Traps
												EA2000-4151T	HR2000-4151T				Crab Pots, Lobster Traps
101F23SS4	CLP-34NS430	40	3,360	22	10.0	0.68	0.73	0.31	17.3	19	7.9	EA2000-4157T	HR2000-4157T	HR-85SLN	HR-85SBLN		Crab Pots, Lobster Traps
101H23S	CLP-34	40	2,800	24	10.9	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183	HR2000-6183	HR-85	HR-85B	HR-85C-100	Bedding
101H23SAL	CLP-34AL	40	2,800	9	4.1	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183T	HR2000-6183T	HR-85SLT			Crab Pots, Lobster Traps
												EA2000-6187T	HR2000-6187T	HR-85SL	HR-85SBL		Crab Pots, Lobster Traps
101H23SC	CLP-34C	40	2,800	25	11.4	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183	HR2000-6183	HR-85	HR-85B	HR-85C-100	Bedding
110A18S	-	47	6,580	18	8.2	0.68	0.43	0.26	17.3	11	6.6	EA2000-1024	HR2000-1024				Bedding, 10mm Flat Border Frames
110E25SS4	CLP-35430	37	2,886	18	8.2	0.75	0.67	0.33	19.1	17	8.4	EA2000-6189	HR2000-6189	HR-85S	HR-85SB		Bedding
110E25SS430	CLP-35S434	37	2,886	23	10.5	0.75	0.67	0.33	19.1	17	8.4	EA2000-4139	HR2000-4139	HR-85SN	HR-85BSN		Fencing Gabions
110E25SS430 (half)	CLP-35S434	37	1,443	13	5.7	0.75	0.67	0.33	19.1	17	8.4	EA2000-4139	HR2000-4139	HR-85SN	HR-85BSN		Fencing Gabions
110F25SAL	CLP-36NAL	36	2,664	8	3.6	0.72	0.73	0.33	18.3	19	8.4	EA2000-4157T	HR2000-4157T	HR-85SLN	HR-85SBLN		Crab Pots, Lobster Traps
110H25S	CLP-36	36	2,220	18	8.2	0.72	0.86	0.33	18.3	22	8.4	EA2000-6189	HR2000-6189	HR-85S	HR-85SB		Bedding
110H25SAL	CLP-36AL	36	2,220	8	3.6	0.72	0.86	0.33	18.3	22	8.4	EA2000-6187T	HR2000-6187T	HR-85SL	HR-85SBL		Crab Pots, Lobster Traps
110H25SC	CLP-36C	36	2,220	19	8.6	0.72	0.86	0.33	18.3	22	8.4	EA2000-6189	HR2000-6189	HR-85S	HR-85SB		Bedding
112D25S*	CLP-3610	36	3,108	18	0.7	0.72	0.62	0.33	18.3	16	8.4						
125A38SS	CLP-61	25	3,000	26	11.8	0.69	0.43	0.50	17.5	11	12.7	EA2000-4528	HR2000-4528				Fencing, Razor or Concertina Wire
132A38SS	CLP-64	25	3,000	28	12.7	0.72	0.43	0.50	18.3	11	12.7	EA2000-4528	HR2000-4528				Fencing, Razor or Concertina Wire
132F27SAL	WA-40	31	1,920	8	3.6	0.86	0.73	0.38	21.8	19	9.5	EA2000-6791T	HR2000-6791T				Crab Pots, Lobster Traps
135H31S	CLP-38	31	1,550	16	7.3	0.86	0.86	0.38	21.8	22	9.5	EA2000-6788	HR2000-6788	HR-88			Cages, Concrete Forms
135H31SAL	CLP-38AL	31	1,550			0.86	0.86	0.38	21.8	22	9.5	EA2000-6791T	HR2000-6791T				Crab Pots, Lobster Traps
n/a	WA-39		2,664	9	4.1							EA2000-6791T	HR2000-6791T				Crab Pots, Lobster Traps

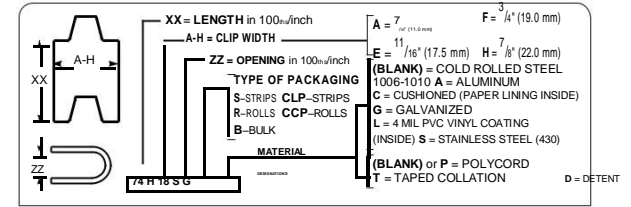
* Industry clip no. [Hartco]: CLP=Clip Strip; CCP=Clip Coil


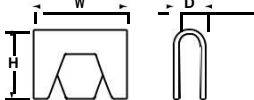

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																	APPLICATIONS
ROLL (COIL)						INCHES			MILLIMETERS			ECLIPSER 2800 SERIES		HARTCO	ECLIPSER 2500 SERIES		
ENCORE E-Clip #	HARTCO Clip #	#STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	ENCORE	HARTCO	A SERIES	ENCORE	HARTCO	
64A18R	CCP-15		15,000	34	15.5	0.41	0.43	0.26	10.4	11	6.6	EA2800-1020S	HR2800-1020S	HR-49CC	EA2800-1020S	HR2800-1020S	Housing Panels, Cages, Cables
71A18R	CCP-13		15,000	36	16.4	0.45	0.43	0.26	11.4	11	6.6	EA2800-1020S	HR2800-1020S	HR-49CC	EA2800-1020S	HR2800-1020S	Housing Panels, Cages, Cables
73A18R	CCP-19		14,000	34	15.5	0.48	0.43	0.26	12.2	11	6.6	EA2800-1020	HR2800-1020	HR-49CC	EA2800-1020	HR2800-1020	Bedding
74F18R	CCP-74		5,076	22	10.0	0.49	0.73	0.26	12.4	19	6.6	EA2800-6082	HR2800-6082		EA2800-6082	HR2800-6082	Bedding, Furniture
76A18R	CCP-26		14,500	39	17.7	0.50	0.43	0.26	12.7	11	6.6	EA2800-1020	HR2800-1020	HR-49CC	EA2800-1020	HR2800-1020	Bedding, Furniture
76A22R	-		12,300	34	15.5	0.50	0.43	0.29	12.7	11	7.4	EA2800-1022	HR2800-1022	HR-48CC	EA2800-1022	HR2800-1022	Bedding
80A22R	-		13,700	38	17.3	0.52	0.43	0.29	13.2	11	7.4	EA2800-1022	HR2800-1022	HR-48CC	EA2800-1022	HR2800-1022	Bedding
80F23R	CCP-71		6,667	33	15.0	0.51	0.73	0.31	13.0	19	7.9	EA2800-6181	HR2800-6181				Bedding, Furniture
85A18R	CCP-30		13,500	40	18.2	0.55	0.43	0.26	14.0	11	6.6	EA2800-1020	HR2800-1020	HR-49CC	EA2800-1020	HR2800-1020	Bedding, Furniture
85A22R	CCP-33		12,300	38	17.3	0.54	0.43	0.29	13.7	11	7.4	EA2800-1022	HR2800-1022	HR-48CC	EA2800-1022	HR2800-1022	Bedding
88A22R	CCP-32		12,300	39	17.7	0.55	0.43	0.29	14.0	11	7.4	EA2800-1022	HR2800-1022	HR-48CC	EA2800-1022	HR2800-1022	Bedding
88A23R	CCP-14S		9,375	37	16.8	0.56	0.43	0.31	14.2	11	7.9	EA2800-1121	HR2800-1121	HR-46CC			Bedding, 5mm BW
88F23R	CCP-72		5,521	30	13.6	0.57	0.73	0.31	14.5	19	7.9	EA2800-6185	HR2800-6185		EA2800-6082	HR2800-6082	Bedding
90F18R	CCP-73		3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2800-6082	HR2800-6082		EA2800-1121	HR2800-1121	Bedding, Furniture
91A23R	CCP-14		9,375	37	16.8	0.56	0.43	0.31	14.2	11	7.9	EA2800-1121	HR2800-1121	HR-46CC	EA2800-1121	HR2800-1121	Bedding, 5mm BW
96A23R	CCP-9		10,000	37	16.8	0.59	0.43	0.31	15.0	11	7.9	EA2800-1121	HR2800-1121	HR-46CC	EA2800-1121	HR2800-1121	Bedding, 5mm BW
110A18R	-		9,300	37	16.8	0.68	0.43	0.26	17.3	11	6.6	EA2800-1024	HR2800-1024				Bedding, 10mm Flat Border Frames

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