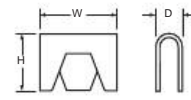
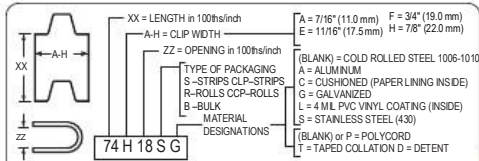


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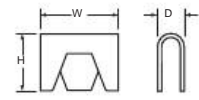
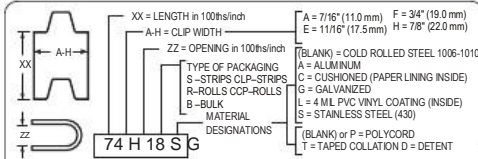
Encore and Hartco tool equivalents, pack/ship configurations, and clips to use with each



ENCORE E-Clip #	HARTCO Clip #	#/STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	INCHES			MILLIMETERS			ECLIPSER MODELS	HARTCO MODELS			
						HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH		CLASSIC A SERIES	B SERIES	C SERIES OBSOLETE)	E SERIES
STRIP																
52A14SG	-	58	15,834	25	11.4	0.32	0.40	0.20	8.2	10	5.1	EA2000-1234				HR2000-1234
64A18SG	CLP-15G	47	10,857	24	10.9	0.41	0.43	0.26	10.4	11	6.6	EA2000-1020	HR-45I			HR2000-1020
64A18SG	CLP-15G	47	10,857	24	10.9	0.41	0.43	0.26	10.4	11	6.6	EA2000-1929	HR-45TN			HR2000-1929
68H18S	CLP-22	47	4,700	22	10.0	0.47	0.86	0.26	11.9	22	6.6	EA2000-6075				HR2000-6075
71A16SAL	CLP-13AL	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1929	HR-45TN			HR2000-1929
71A18S	CLP-13	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1020	HR-45I			HR2000-1020
71A18S	CLP-13	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1929	HR-45TN			HR2000-1929
71A18SG	CLP-13G	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1020	HR-45I			HR2000-1020
71A18SG	CLP-13G	47	9,400	22	10.0	0.45	0.43	0.26	11.4	11	6.6	EA2000-1929	HR-45TN			HR2000-1929
72E18S	CLP-20	47	6,110	24	10.9	0.47	0.67	0.26	11.9	17	6.6	EA2000-3236	HR-68	HR-68B	HR-68C-100	HR2000-3236
74F18S	CLP-2312	47	5,076	22	10.0	0.49	0.73	0.26	12.4	19	6.6	EA2000-6080	HR-65AT	HR-65BAT	HR-65C-130	HR2000-6080
74H18S	CLP-23	47	4,230	22	10.0	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR-65AT	HR-65BAT	HR-65C-130	HR2000-6080
74H18SC	CLP-23C	47	4,230	23	10.5	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR-65AT	HR-65BAT	HR-65C-130	HR2000-6080
74H18SG	CLP-23G	47	4,230	22	10.0	0.49	0.86	0.26	12.4	22	6.6	EA2000-6080	HR-65AT	HR-65BAT	HR-65C-130	HR2000-6080
78E18S	CLP-20L	47	5,499	23	10.5	0.50	0.67	0.26	12.7	17	6.6	EA2000-3236	HR-68	HR-68B	HR-68C-100	HR2000-3236
80F23S	CLP-312	40	4,320	22	10.0	0.51	0.73	0.31	13.0	19	7.9	EA2000-6181	HR-66	HR-66B		HR2000-6181
80H18S	CLP-25	47	4,230	22	10.0	0.52	0.86	0.26	13.2	22	6.6	EA2000-6080	HR-65AT	HR-65BAT	HR-65C-130	HR2000-6080
80H23S	CLP-3	40	3,600	22	10.0	0.51	0.86	0.31	13.0	22	7.9	EA2000-6181	HR-66	HR-66B	HR-66C-110	HR2000-6181
85A22S	CLP-33	42	6,720	24	10.9	0.54	0.43	0.29	13.7	11	7.4	EA2000-1022				HR2000-1022
88A22S	CLP-32	42	6,720	25	11.4	0.55	0.43	0.29	14.0	11	7.4	EA2000-1022				HR2000-1022
88F23S	CLP-412	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6181	HR-66	HR-66B	HR-66C-110	HR2000-6181
88F23S	CLP-412	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6185	HR-66	HR-66B		HR2000-6185
88F23S	CLP-72	40	3,840	23	10.5	0.57	0.73	0.31	14.5	19	7.9	EA2000-6185				HR2000-6185
88F23SAL	CLP-4NAL	36	1,920	8	3.6	0.57	0.73	0.31	14.5	19	7.9	EA2000-4151T				HR2000-4151T
88F23SAL	CLP-4NAL	36	1,920	8	3.6	0.57	0.73	0.31	14.5	19	7.9	EA2000-6181T				HR2000-6181T
88H23S	CLP-4	36	3,200	23	10.5	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181	HR-66	HR-66B	HR-66C-110	HR2000-6181
88H23SAL	CLP-4AL	36	3,200	8	3.6	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181T				HR2000-6181T

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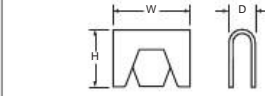
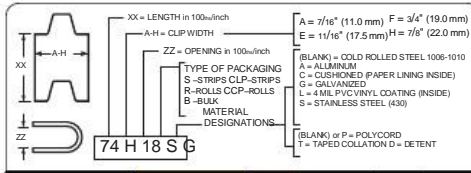
Encore and Hartco tool equivalents, pack/ship configurations, and clips to use with each



ENCORE E-Clip#	HARTCO Clip #	#/STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	INCHES			MILLIMETERS			ECLIPSER MODELS	HARTCO MODELS			
						HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH		CLASSIC A SERIES	B SERIES	C SERIES (OBSOLETE)	E SERIES
88H23SC	CLP-4C	36	3,200	24	10.9	0.57	0.86	0.31	14.5	22	7.9	EA2000-6181	HR-66	HR-66B	HR-66C-110	HR2000-6181
90A29SG	-	-	5,220	24	10.9	0.50	0.43	0.41	12.7	11	10.4					
90F18S	CLP-24N	47	3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2000-6082				HR2000-6082
90F18SG	CLP-2412G	47	3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2000-6082				HR2000-6082
90H18S	CLP-24	47	3,290	24	10.9	0.62	0.86	0.26	15.7	22	6.6	EA2000-6082				HR2000-6082
90H18SG	CLP-24G	47	3,290	24	10.9	0.62	0.86	0.26	15.7	22	6.6	EA2000-6082				HR2000-6082
91A23S	CLP-14	40	5,600	23	10.5	0.56	0.43	0.31	14.2	11	7.9	EA2000-1121	HR-46			HR2000-1121
96A23S	CLP-9		5,600	24	10.9	0.59	0.43	0.31	15.0	11	7.9	EA2000-1121	HR-46			HR2000-1121
n/a	WA-39		0	0	0.0	0.00	0.00	0.00	0.0	0	0.0	EA2000-6791T				HR2000-6791T
101F23SAL	CLP-34NAL	40	3,360	9	4.1	0.68	0.73	0.31	17.3	19	7.9	EA2000-4157T	HR-85SLN	HR-85SBLN		HR2000-4157T
101F23SAL	CLP-34NAL	40	3,360	9	4.1	0.68	0.73	0.31	17.3	19	7.9	EA2000-4151T				HR2000-4151T
101F23SS4	CLP-34NS430	40	3,360	22	10.0	0.68	0.73	0.31	17.3	19	7.9	EA2000-4157T	HR-85SLN	HR-85SBLN		HR2000-4157T
101H23S	CLP-34	40	2,800	24	10.9	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183	HR-85	HR-85B	HR-85C-100	HR2000-6183
101H23SAL	CLP-34AL	40	2,800	9	4.1	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183T				HR2000-6183T
101H23SAL	CLP-34AL	40	2,800	9	4.1	0.68	0.86	0.31	17.3	22	7.9	EA2000-6187T	HR-85SL	HR-85SBL		HR2000-6187T
101H23SC	CLP-34C	40	2,800	25	11.4	0.68	0.86	0.31	17.3	22	7.9	EA2000-6183	HR-85	HR-85B	HR-85C-100	HR2000-6183
110A18S	-	47	6,580	18	8.2	0.68	0.43	0.26	17.3	11	6.6	EA2000-1024				HR2000-1024
110E25SS4	CLP-35430	37	2,886	18	8.2	0.75	0.67	0.33	19.1	17	8.4	EA2000-6189	HR-85S	HR-85SB		HR2000-6189
110E25SS430	CLP-35S434		2,886	23	10.5	0.75	0.67	0.33	19.1	17	8.4	EA2000-4139	HR-85SN	HR-85BSN		HR2000-4139
110E25SS430 (half)	CLP-35S434		1,443	13	5.7	0.75	0.67	0.33	19.1	17	8.4	EA2000-4139	HR-85SN	HR-85BSN		HR2000-4139
110F25SAL	CLP-36NAL		2,664	8	3.6	0.72	0.73	0.33	18.3	19	8.4	EA2000-4157T	HR-85SLN	HR-85SBLN		HR2000-4157T
110H25S	CLP-36	36	2,220	18	8.2	0.72	0.86	0.33	18.3	22	8.4	EA2000-6189	HR-85S	HR-85SB		HR2000-6189
110H25SAL	CLP-36AL	36	2,220	8	3.6	0.72	0.86	0.33	18.3	22	8.4	EA2000-6187T	HR-85SL	HR-85SBL		HR2000-6187T
110H25SC	CLP-36C	36	2,220	19	8.6	0.72	0.86	0.33	18.3	22	8.4	EA2000-6189	HR-85S	HR-85SB		HR2000-6189
125A38SS	CLP-61	25	3,000	26	11.8	0.69	0.43	0.50	17.5	11	12.7					
132A38SS	CLP-64		3,000	28	12.7	0.72	0.43	0.50	18.3	11	12.7					
132F27SAL	WA-40		1,920	8	3.6	0.86	0.73	0.38	21.8	19	9.5	EA2000-6791T				HR2000-6791T
135H31S	CLP-38	31	1,550	16	7.3	0.86	0.86	0.38	21.8	22	9.5	EA2000-6788	HR-88	HR-88B		HR2000-6788

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Encore and Hartco tool equivalents, pack/ship configurations, and clips to use with each



ENCORE E-Clip #	HARTCO Clip #	#/STRIP	CLIPS/CTN	LBS/CTN	KGS/CTN	INCHES			MILLIMETERS			ECLIPSER MODELS	HARTCO MODELS			
						HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH		CLASSIC A SERIES	B SERIES	C SERIES (OBSOLETE)	E SERIES
135H31SAL	CLP-38AL	31	1,550	0	0.0	0.86	0.86	0.38	21.8	22	9.5	EA2000-6791T				HR2000-6791T
n/a	WA-39		0	0	0.0	0.00	0.00	0.00	0.0	0	0.0	EA2000-6791T				HR2000-6791T

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

* In development

[Encore]: T = Thin/Low Profile Pin

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

ENCORE E-Clip #	HARTCO Clip #	-	CLIPS/ROLL	LBS/ROLL	KGS/ROLL	INCHES			MILLIMETERS			ECLIPSER MODELS	HARTCO MODELS				
						HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH		STANDARD	w/out BJR	CLASSIC A SERIES	B SERIES	C SERIES (OBSOLETE)
ROLL (COIL)																	
64A18R	CCP-15		15,000	34	15.5	0.41	0.43	0.26	10.4	11	6.6	EA2800-1020	EA2500-1020	HR-49CC			HR2800-1020
71A18R	CCP-13		15,000	36	16.4	0.45	0.43	0.26	11.4	11	6.6	EA2800-1020	EA2500-1020	HR-49CC			HR2800-1020
73A18R	CCP-19		14,000	34	15.5	0.48	0.43	0.26	12.2	11	6.6	EA2800-1020	EA2500-1020	HR-49CC			HR2800-1020
74F 18R	CCP-74		5,076	22	10.0	0.49	0.73	0.26	12.4	19	6.6	EA2800-6082	EA2500-6082				HR2800-6082
76A18R	CCP-26		14,500	39	17.7	0.50	0.43	0.26	12.7	11	6.6	EA2800-1020	EA2500-1020	HR-49CC			HR2800-1020
76A22R	-		12,300	34	15.5	0.50	0.43	0.29	12.7	11	7.4	EA2800-1022	EA2500-1022	HR-48CC			HR2800-1022
80A22R	-		13,700	38	17.3	0.52	0.43	0.29	13.2	11	7.4	EA2800-1022	EA2500-1022	HR-48CC			HR2800-1022
80F23R	CCP-71		6,667	33	15.0	0.51	0.73	0.31	13.0	19	7.9	EA2800-6181					HR2800-6181
85A18R	CCP-30		13,500	40	18.2	0.55	0.43	0.26	14.0	11	6.6	EA2800-1020	EA2500-1020	HR-49CC			HR2800-1020
85A22R	CCP-33		12,300	38	17.3	0.54	0.43	0.29	13.7	11	7.4	EA2800-1022	EA2500-1022	HR-48CC			HR2800-1022
88A22R	CCP-32		12,300	39	17.7	0.55	0.43	0.29	14.0	11	7.4	EA2800-1022	EA2500-1022	HR-48CC			HR2800-1022
88A23R	CCP-14S		9,375	37	16.8	0.56	0.43	0.31	14.2	11	7.9	EA2800-1121	EA2500-1121	HR-46CC			HR2800-1121
88F23R	CCP-72		5,521	30	13.6	0.57	0.73	0.31	14.5	19	7.9	EA2800-6185					HR2800-6185
90F 18R	CCP-73		3,948	24	10.9	0.62	0.73	0.26	15.7	19	6.6	EA2800-6082	EA2500-6082				HR2800-6082
91A23R	CCP-14		9,375	37	16.8	0.56	0.43	0.31	14.2	11	7.9	EA2800-1121	EA2500-1121	HR-46CC			HR2800-1121
96A23R	CCP-9		10,000	37	16.8	0.59	0.43	0.31	15.0	11	7.9	EA2800-1121	EA2500-1121	HR-46CC			HR2800-1121
110A18R (10mm Flat BW)	-		9,300	37	16.8	0.68	0.43	0.26	17.3	11	6.6	EA2800-1024					HR2800-1024