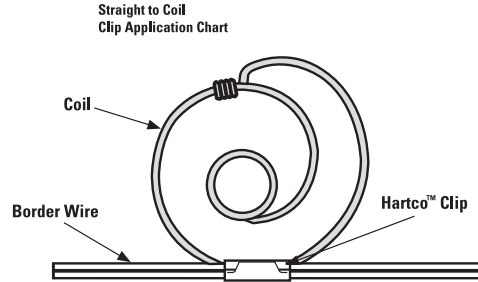


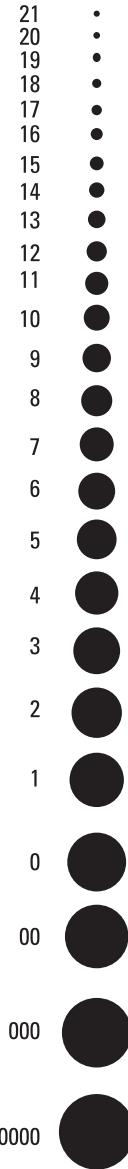
STRAIGHT to COIL SPRING APPLICATION CHART

Washburn & Moen (W & M)
Wire Gauge Chart

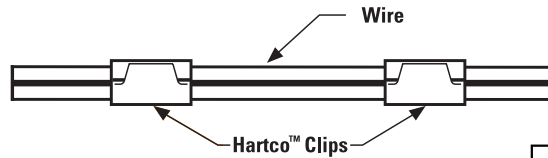


See pages 52 & 53 for Coil Clip & Tool Part Numbers

										WIRE GAUGE (DIA. IN.)
	19,2312	19,2312	19,2312	26,2312	26,2312	26,2312	26,2312	26,2312	26,2312	9 (.148)
	19,2312	19,2312	26,2312	26,2312	26,2312	26,2312	26,312	26,312	26,312	8 (.162)
	33,312	33,312	33,312	33,312	33,312	32,412	32,4	32,4	32,4	6 (.192)
	32,4	32,4	32,4	32,4	4	4	4	4	4	5 (.207)
COIL GAUGE (DIA. IN.)	16.5 (.058)	16 (.062)	15.5 (.067)	15 (.072)	14.5 (.076)	14 (.080)	13.5 (.086)	13 (.091)	12.5 (.098)	INCH



STRAIGHT to STRAIGHT WIRE APPLICATION CHART

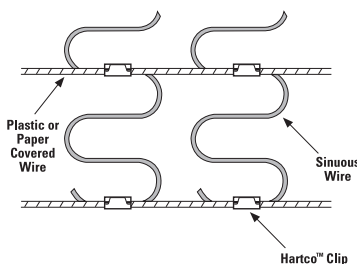


See pages 52 & 53 for
Clip & Tool Part Numbers

										Wire Gauge (Dia. In.)
								15	15	14 (.080)
							15	15	15	13 (.092)
						23,13	13,15	15	15	12 (.105)
					3,312,13	23,2312,3 312,13	23,2312	13,15	13	11 (.120)
				4	4	4	3,312	3,312	13	10 (.135)
			4	4	4	4	3,312	29	23,2312	9 (.148)
		36,34	4	4	4	4	4	4	3,312	8 (.162)
	36	36,34	34	34	4,34	4	4	4	29	7 (.177)
Wire Gauge (Dia. In.)	6 (.192)	7 (.177)	8 (.162)	9 (.148)	10 (.135)	11 (.120)	12 (.105)	13 (.092)	14 (.080)	INCH

SINUOUS SPRING to COVERED WIRE APPLICATION CHART

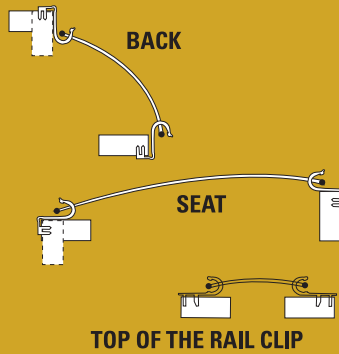
See page 52 & 53 Regular & Cushion Clip Section for Clip & Tool Part Numbers



						TIE WIRE GAUGE (INNER CORE)
	3, 312	3, 312	3, 312	3, 312	3, 312	16 (.156)
	4	4	4	4	4	12 (.156)
SPRING GAUGE (DIA. IN.)	12 (.106)	11 (.121)	10 (.135)	9 (.148)	8 (.162)	INCH

ANCHOR CLIPS

For attaching sinuous springs to chair, sofas, etc.



LOCKNAILS

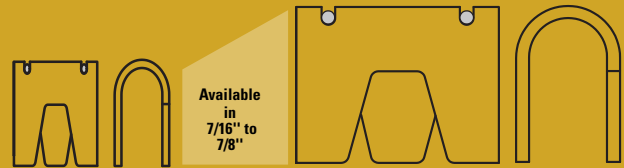
For attaching upholstery panels



CLINCH CLIPS

Fasten two or more wires together to unitize or stabilize the finished product.

CCP- Continuous Coils, Polycord Collated
CLP- Polycord Collated, 12" sticks (25-45 count)



SPRING ANCHOR CLIPS

Part #	Description	Clip/Coil	Coil/Case	Coil/Skid	Application Tool
*HR-AK-1EW	Spring Anchor - Seats (Larger Hook) Everwear Lining with Fold Over	1000	1	30	AK Machine
*HR-AK-2	Spring Anchor Clip - Backs (Smaller Hook) - Glued Liner	1000	1	30	AK Machine
*HR-AK-3	Spring Anchor Clip for Drop-in Units, Rail, Staple Holes - Glued Liner	1000	1	30	AK Machine
*HR-AK-4	Spring Anchor Clip for Drop-in Units (6-Gauge), Glued Liner	1000	1	30	AK Machine
HR-OSK	Bulk Over the Rail Seat Clip Everwear Lining with Fold Over	3000	1	36	T40S5CLP, 438S5
*HR-TRK-EW	Top of the Rail Clip Everwear Lining with Fold Over	1250	1	24	TRK Machine

LOCKNAIL FOR UPHOLSTERY PANELS

*HR-LN-2	3/4" Long Locknail	2500	1	40	HR-LN
*HR-LN-3	15/16" Long Locknail	2500	1	40	HR-LN

COILED CLIP CLINCHING TOOLS

Tool Part #	Description	Typical Applications	Clip Numbers CCP
HR-48CCP	Model 48 Coil Clip Tool with Feed	Bedding	33, 32
HR-49CCP	Model 49 Coil Clip Tool with Feed	Bedding	13, 19, 26

CLIP CLINCHING TOOLS

Tool Part #	Description	Typical Applications	Clip Numbers CL, CLP
HR-45	Model 45 Clipping Tool, Square Blade	Cages w/hinge Applications	13
HR-45TN	Model 45 Clipping Tool, Thin and Narrow Blade and Anvil	Animal Cages, Bird Feeders w/1/2 in. Grid	13
HR-61	Model 61 Clipping Tool	Security Fence, Concertina	61
HR-65C-130	Model 65C Light Clipping Tool	Furn., including Hi Loop Sinuous w/Reduced Clearance	2312, 23, 2412, 24, 29
HR-66C-110	Model 66C Light Clipping Tool, Angle Blade	Furniture, Concrete Reinforcement wire	312, 3, 4
HR-68C-100	Model 68C Light Clipping Tool	Automotive and Furniture, Non-Domestic	20
HR-85C-100	Model 85C Light Clipping Tool, Square Blade	Drop-In Units, Pet Cages w/Hinge Applications	34
HR-85C-110	Model 85C Light Clipping Tool, Angle Blade	Bedding, Rebuilders and Custom Size Units	312, 3, 4, 34
HR-86C-100	Model 86 Light Clipping Tool, Square Blade	Pet Cages, Concrete Slabs, Pipe	36
HR-86C-110	Model 86C Light Clipping Tool	Lobster Traps, 7/8 Clips	34AL, 36AL, 34NAL, 36NAL
HR-86C-170	Model 86C Light Clipping Tool, Thin and Narrow Blade and Anvil	Lobster Traps, 3/4 clips only, 1in. x 1in. Grid	34NAL, 36NAL
HR-85SB10	Model 85S10 Light Clipping Tool	Bedding, Foundations, Non-Domestic	36-10
HR-88B	Model 88 Light Clipping Tool	Bedding, Concrete Slabs, Pipe	38

COILED CLINCH CLIPS 7/16" WIDE

MATERIAL: COLD ROLLED STEEL, APPLICATION: MATTRESS INNERSPRING TO BORDERWIRE ASSEMBLY

Clip Part#	W x H x Crown Dia (opening)	Clip/Coil	Coil/Skid	Application Tool
*HR-CCP-15	7/16 x 25/64 x 11/64	15250	48	HR-50CC (Available, Consult Factory), VRC Machine
*HR-CCP-13	7/16 x 27/64 x 11/64	15625	48	HR-49CC, VRC Machine
*HR-CCP-19	7/16 x 15/32 x 11/64	12500	48	HR-49CC, VRC Machine
*HR-CCP-26	7/16 x 1/2 x 11/64	12500	48	HR-49CC, VRC Machine
*HR-CCP-33	7/16 x 33/64 x 13/64	11750	48	HR-48CC, VRC Machine
*HR-CCP-32	7/16 x 35/64 x 13/64	9375	48	HR-48CC, VRC Machine

* Sold in Skid Quantities Only (Clip/Coil x Coil/Skid)

ALUMINUM CLINCH CLIPS (TAPE COLLATED)

MATERIAL: ALUMINUM, APPLICATIONS: LOBSTER TRAPS/CORROSIVE ENVIRONMENTS

Clip Part#	W x H x Crown Dia (opening)	Clip/Pack	Pack/ Case	Case/Skid	Application Tool
HR-CL-4AL	7/8 x 35/64 x 7/32 Aluminum Clip	2880	1	60	HR-55B, HR-66B, HR-85BA, HR-85BF, HR-85C-110
HR-CL-34AL	7/8 x 43/64 x 7/32 Aluminum Clip	2160	1	60	HR-85SBL, HR85SBLT, HR-86C-110
HR-CL-34NAL	3/4 x 43/64 x 7/32 Aluminum Clip	2376	1	60	HR-85SBLN, HR-85SBLTN, HR-86C-170
HR-CL-36AL	7/8 x 23/32 x 1/4 Aluminum Clip	2040	1	60	HR-85SBL, HR85SBLT, HR-86C-110
HR-CL-36NAL	3/4 x 23/32 x 1/4 Aluminum Clip	2244	1	60	HR-85SBLN, HR-85SBLTN, HR-86C-170

REGULAR CLINCH CLIPS (TAPE COLLATED)

Application: Caging requiring post galvanization, bedding

HR-CL-36-10	5/8 x 23/32 x 1/4 Tape Collated Clip	2856	1	60	HR-85SB10
HR-CL-36T	7/8 x 23/32 x 1/4 Tape Collated Clip	2040	1	60	HR-85B F5, HR-86C-100
HR-CL-38T	7/8 x 27/32 x 5/16 Tape Collated Clip	1400	1	60	HR-88B

REGULAR CLINCH CLIPS (POLYCORD COLLATED)

MATERIAL: COLD ROLLED STEEL UNLESS OTHERWISE SPECIFIED,

APPLICATION: UPHOLSTERED FURNITURE/BEDDING/AUTO SEATS/CAGES/WIRE FORMS FOR CONCRETE PIPE

HR-CLP-20	11/16 x 7/16 x 11/64 Poly Collated Clip	4860	1	60	HR-68B, HR-68C-100
HR-CLP-23	7/8 x 1/2 x 11/64 Poly Collated Clip	3600	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-2312	3/4 x 1/2 x 11/64 Poly Collated Clip	3960	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-24	7/8 x 39/64 x 11/64 Poly Collated Clip	3150	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-2412	3/4 x 39/64 x 11/64 Poly Collated Clip	3465	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-29	7/8 x 37/64 x 11/64 Poly Collated Clip	3150	1	60	HR-65BAH, HR-65BAT, HR-66C-130
HR-CLP-3	7/8 x 15/32 x 7/32 Poly Collated Clip	3600	1	60	HR-55B, HR-66B, HR-66C-100, HR-66C-110
HR-CLP-312	3/4 x 15/32 x 7/32 Poly Collated Clip	3564	1	60	HR-55B, HR-66B, HR-85BA, HR-66C-100, HR-66C-110
HR-CLP-34	7/8 x 43/64 x 7/32 Poly Collated Clip	2160	1	60	HR-85BA, HR-85BF, HR-85C-100, HR-85C-110
HR-CLP-4	7/8 x 35/64 x 7/32 Poly Collated Clip	2520	1	60	HR-55B, HR-66B, HR-85BA, HR-85BF, HR-66C-100, HR-66C-110, HR-85C-110

CUSHION CLIPS (Paper Lined, Polycord Collated)

MATERIAL: COLD ROLLED STEEL/CRAFT PAPER TAPE LINING,

APPLICATION: UPHOLSTERED FURNITURE/BEDDING/AUTOSEATS, ELIMINATES NOISE/SQUEAKING

HR-CLP-22C	7/8 x 7/16 x 11/64 Cushion Clip	4500	1	60	HR-65BAH, HR65BAT, HR-65C-130
HR-CLP-2312C	3/4 x 1/2 x 11/64 Cushion Clip	3960	1	60	HR-65BAH, HR65BAT, HR-65C-130
HR-CLP-23C	7/8 x 1/2 x 11/64 Cushion Clip	3600	1	60	HR-65BAH, HR65BAT, HR-65C-130
HR-CLP-24C	7/8 x 39/64 x 11/64 Cushion Clip	3150	1	60	HR-65BAH, HR65BAT, HR65BSH, HR-65C-130
HR-CLP-34C	7/8 x 43/64 x 7/32 Cushion Clip	2160	1	60	HR-85B, HR-85BA, HR85BF, HR-85C-100, HR-85C-110
HR-CLP-36C	7/8 x 23/32 x 1/4 Cushion Clip	2040	1	60	HR-85BS, HR-85BSF, HR-86C-100
HR-CLP-4C	7/8 x 35/64 x 7/32 Cushion Clip	2880	1	60	HR-66B, HR85BA, HR-85BF, HR-66C-110, HR-85C-110

GALVANIZED CLINCH CLIPS

APPLICATIONS: CAGES/FENCING/CORROSIVE ENVIRONMENTS

HR-CLP-13G	7/16 x 27/64 x 11/64 Galvanized Clip	9000	1	60	HR-45, HR-45A
HR-CLP-2412G	3/4 x 39/64 x 11/64 Galvanized Clip	3465	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-24G	7/8 x 39/64 x 11/64 Galvanized Clip	3150	1	60	HR-65BAH, HR-65BAT, HR-65BSH, HR-65C-130
HR-CLP-34G	7/8 x 43/64 x 7/32 Galvanized Clip	2160	1	60	HR-55B, HR-85B, HR-85BA, HR-85BF, HR-85SB, HR-85C-100, HR-85C-110
HR-CLP-61G	7/16 x 43/64 x 11/32 Galvanized Clip	3360	1	60	HR-61

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PART #	DESCRIPTION	APPLICATION
27G5	27 Gauge Gal 5lb spool	Bookbinder Wire
25G70	25 Gauge Gal 70lb spool	Bookbinder Wire
25G5	25 Gauge Gal 5lb spool	Bookbinder Wire
25G40	25 Gauge Gal 40 lb spool	Bookbinder Wire
25G250	25 Gauge Gal 250lb spool	Bookbinder Wire
24G70	24 Gauge Gal 70 lb spool	Bookbinder Wire
24G5	24 Gauge Gal 5 lb spool	Bookbinder Wire
24G40	24 Gauge Gal 40 lb spool	Bookbinder Wire
24G250	24 Gauge Gal 250 lb spool	Bookbinder Wire
24G10	24 Gauge Gal 10 lb spool	Bookbinder Wire
23G5	23 Gauge Gal 5 lb spool	Bookbinder Wire
23G40	23 Gauge Gal 40 lb spool	Bookbinder Wire
2125G5	21 x 25 Ga. Rectang. Gal, 5 lb spool	Stitcher Wire
2024G5	20 x 24 Ga. Rectang. Gal, 5 lb spool	Stitcher Wire
2024G10HT	20 x 24 Ga. Hi-Tensile, Gal, 10 lb spool	Bookbinder Wire
18G10LT	18 Gauge Gal, 10 lb spool Low Tensile	Bookbinder Wire
17G10LT	17 Gauge Gal 10 lb spool Low Tensile	Bookbinder Wire
103017G25	BOX STAY WIRE 25 lb spool, Gal	Carton Closing Wire
103017C10	BOX STAY WIRE 10 lb spool, Liquor	Carton Closing Wire
103020G10	BOX STAY WIRE 10 lb spool, Gal	Carton Closing Wire
103020C10	BOX STAY WIRE 10 lb spool, Liquor	Carton Closing Wire
103020G25	BOX STAY WIRE 25 lb spool, Gal	Carton Closing Wire
103020C25	BOX STAY WIRE 25 lb spool, Liquor	Carton Closing Wire
103023C25	BOX STAY WIRE 25 lb spool, Liquor	Carton Closing Wire
103023G25	BOX STAY WIRE 25 lb spool, Gal	Carton Closing Wire
074037C25	BOX STAY WIRE 25lb spool, Liquor	Carton Closing Wire

**Washburn & Moen (W & M)
Custom Wire Gauge Chart.**

**Consult your rep or factory.
We have the capability to draw
and package wire in the
following sizes:**

Gauge	Inches	
27	.0173	•
26	.0181	•
25	.0204	•
24	.0230	•
23	.0258	•
22	.0286	•
21	.0317	•
20	.0348	•
19	.0410	•
18	.0475	•
17	.0540	•
16	.0625	•
15	.0720	•
14	.0800	•
13	.0915	•
12	.1055	•
11	.1205	•
10	.1350	•
9	.1483	•
8	.1620	•