encore FASTENERS HARTCO®
. . . Innovating Legendary Products

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Finding the Right Clip Based on Wire Diameters

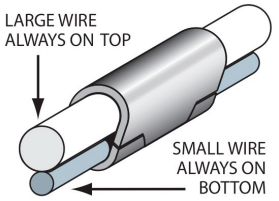
Clip Specification BY LENGTH OF CLIP, based on the measurement of 2 Wires in **GAUGE, INCHES (IMPERIAL) and METRIC**

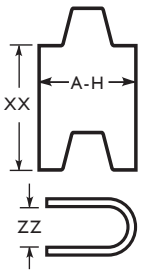
REV 170105

DIAMETER OF LARGE WIRE

DIAMETER OF SMALL WIRE — GAUGE	INCHES (Imperial)	METRIC (mm)	3	4	5		6	7	8		9		10		11			12		13	13.5	14	16	GAUGE
			0.244	0.225	0.207	0.197	0.192	0.177	0.162	0.158	0.148	0.142	0.135	0.126	0.121	0.118	0.110	0.106	0.102	0.092	0.086	0.080	0.063	INCHES
			6.2	5.7	5.2	5	4.8	4.5	4.1	4	3.8	3.6	3.4	3.2	3.1	3	2.8	2.7	2.6	2.4	2.2	2	1.6	METRIC (mm)
16	0.063	1.6																71A18	68H18	52A14 64A18	52A14 64A18	52A14 64A18	52A14	
14	0.080	2.0		96A23	88A22 88F23 88H23	88A22 88F23 88H23	85A22	80F23 80H18 80H23	74F18 74H18 76A18 80F23 80H18 80H23	71A16 71A18 72E18 74F18 74H18	71A16 71A18 72E18 74F18 74H18	68H18 71A16 71A18	68H18 71A16 71A18	68H18	64A18 68H18	64A18	64A18	64A18	64A18	64A18	52A14 64A18	52A14 64A18		
13.5	0.086	2.2		96A23	88A22 88F23 88H23	88A22 88F23 88H23	88A22 88F23 88H23	80F23 80H18 80H23	80F23 80H18 80H23	74F18 74H18 76A18 78E18	72E18 74F18 74H18 76A18	68H18 72E18	68H18 71A16 71A18	68H18	68H18	64A18 68H18	64A18	64A18	64A18	64A18	64A18	64A18			
13	0.092	2.4		96A23 101F23 101H23	91A23	88A22 88F23 88H23	85A22 88A22 88F23 88H23	80F23 80H18 80H23 85A22	80F23 80H18 80H23	74F18 74H18 76A18 78E18 80F23 80H18 80H23	74F18 74H18 76A18 78E18 80F23 80H18 80H23	68H18 71A18 74F18 74H18 76A18	68H18 71A18 74F18 74H18	68H18 74F18 74H18	68H18 71A18 72E18 74F18 74H18 74H18	64A18 68H18 71A18	64A18 68H18	64A18 68H18	64A18 68H18	64A18	64A18				
	0.102	2.6		101F23 101H23	96A23	88A22 88F23 88H23 90A29 91A23	88A22 88F23 88H23 90A29 90H18 91A23	88A22 88F23 88H23 90F18 90H18	80F23 80H18 80H23 85A22	80F23 80H18 80H23	76A18 78E18 80F23 80H18 80H23	74F18 74H18 76A18 78E18 80F23 80H18 80H23	74F18 74H18 76A18 78E18 80F23 80H18 80H23	71A18 74F18 74H18 76A18	71A18 72E18 74F18 74H18 76A18	71A16 71A18 72E18	71A16 71A18	68H18 71A16 71A18	68H18					
12	0.106	2.7																						
	0.110	2.8																						
	0.118	3.0																						
11	0.121	3.1	110E25 110F25 110H25	101F23 101H23	101F23 101H23	96A23	96A23	88F23 88H23 90A29 90F18 90H18	88A22 88F23 88H23	80F23 80H18 80H23	80F23 80H18 80H23	80F23 80H18 80H23	74F18 74H18 76A18 78E18	74F18 74H18 76A18 78E18	72E18 74F18 74H18 76A18	71A18 72E18 76A18								
	0.126	3.2																						
10	0.135	3.4		101F23 101H23	101F23 101H23	101F23 101H23	96A23 101F23 101H23	90F18 90H18	88A22 88F23 88H23	88A22 88F23 88H23	88A22 88F23 88H23	80F23 80H18 80H23 88A22 88F23 88H23	80F23 80H18 80H23 88A22 88F23 88H23											
	0.142	3.6																						
9	0.148	3.8	110E25	110E25 110F25 110H25	101F23 101H23	101F23 101H23	101F23 101H23	96A23	90F18 90H18 91A23	90F18 90H18 91A23	90F18 90H18													
	0.158	4.0	110E25	110E25 110F25 110H25	110E25 110F25 110H25	101F23 101H23	101F23 101H23	101F23 101H23 110A18	88F23 88H23 90F18 90H18 96A23	88F23 88H23 90F18 90H18														
8	0.162	4.1																						
7	0.177	4.4	110E25 125A38	110E25 110F25 110H25	110E25 110F25 110H25	110E25 110F25 110H25	110E25 110F25 110H25	101F23 101H23 110A18 110E25 110F25 110H25																
6	0.192	4.8	125A38	110E25 110F25 110H25 125A38	110E25 110F25 110H25	110E25 110F25 110H25	110E25 110F25 110H25																	
	0.197	5.0																						
5	0.207	5.2	125A38 132A38 132F27	125A38	125A38																			
4	0.225	5.7	132A38 132F27 135H31	125A38 132A38 132F27																				
3	0.244	6.2	135H31																					

Always Place Large Wire on Top of Small Wire





74 H 18 S G

- **XX = LENGTH** in 100ths/inch
- **A-H = CLIP WIDTH**
  - **A** = 7/16" (11.0 mm)
  - **E** = 11/16" (17.5 mm)
  - **F** = 3/4" (19.0 mm)
  - **H** = 7/8" (22.0 mm)
- **ZZ = OPENING** in 100ths/inch
- **TYPE OF PACKAGING**
  - **S**–STRIPS **CLP**–STRIPS
  - **R**–ROLLS **CCP**–ROLLS
  - **B**–BULK
- **MATERIAL DESIGNATIONS**
  - **(BLANK)** = COLD ROLLED STEEL 1006-1010
  - **A** = ALUMINUM
  - **C** = CUSHIONED (PAPER LINING INSIDE)
  - **G** = GALVANIZED
  - **L** = 4 MIL PVC VINYL COATING (INSIDE)
  - **S** = STAINLESS STEEL (430)
  - **(BLANK)** or **P** = POLYCORD
  - **T** = TAPED COLLATION **D** = DETENT