

Stirrup Connectors

Protect main conductors from arcing damage.

WRQ and WRS Stirrup Connectors

- Guard main conductors against arcs — perfect for when hot line taps are installed
- Utilize standard WR connectors and plated copper bails for high conductivity and corrosion resistance

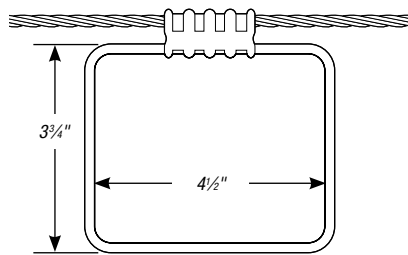
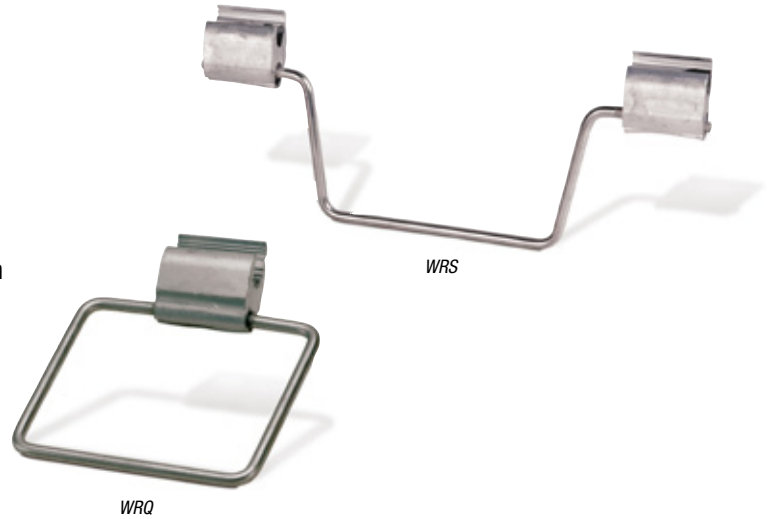


Fig. 1

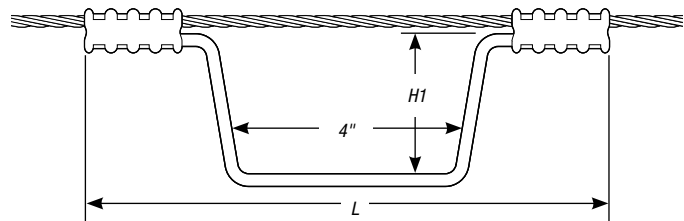


Fig. 2

WRQ and WRS Stirrup Connectors

FIGURE 1 CAT. NO.	FIGURE 2 CAT. NO.	CONDUCTOR RANGE		DIAMETER (IN.)		COPPER BAIL	INSTALLATION DIES		DIMENSIONS TYPE WRS	
		ACSR	AWG	MAX.	MIN.		MECH.	HYD.	L	H
WRQ154	WRS154	#2-#6	#1 str.-#6 sol.	.332	.162	#4 sol.	0	0	10	7/8
WRQ152	WRS152	#2-#6	#1 str.-#6 sol.	.332	.162	#2 sol.	0	0	10	7/8
WRQ172	WRS172	1/0-#3	1/0 str.-#1 sol.	.398	.281	#2 sol.	0	0	10	7/8
WRQ232	WRS232	2/0-1/0	2/0 str.-1/0 str.	.447	.368	#2 sol.	D	D	10	7/8
WRQ352	WRS352	4/0-3/0	4/0 str.-3/0 str.	.563	.46	#2 sol.	D	D	10	7/8
—	WRS719	397 ⁷⁸ / ₁₆ -266	400 str.-250 str.	.743	.6	2/0 sol.	—	N	12 ¹ / ₄	3 ³ / ₁₆
—	WRS819	477 ⁷⁸ / ₁₆ -266	500 str.-336 str.	.858	.666	2/0 sol.	—	N	12 ¹ / ₄	3 ³ / ₁₆
WRQ698	—	477 ⁷⁸ / ₁₆ -266	500 str.-250 str.	.858	.574	#2 sol.	—	N	12 ¹ / ₄	3 ³ / ₁₆

* Decimal dimensions are for conventional conductor, not Copperweld® or Alumoweld®.

Stirrup Connectors

Aluminum conductor elements are designed to be preloaded for faster installation into hotstick tools.

SC and QC Stirrup Connectors

- Use standard O, D and N dies — no special compression tools needed
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Bail made of tin-plated copper wire for high conductivity and corrosion resistance
- Wide range of stirrups fit #6 solid to 500 kcmil wire sizes
- Knurled design resists rotation



SC0

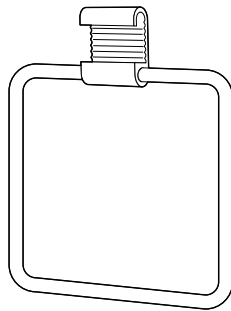


Fig. 1

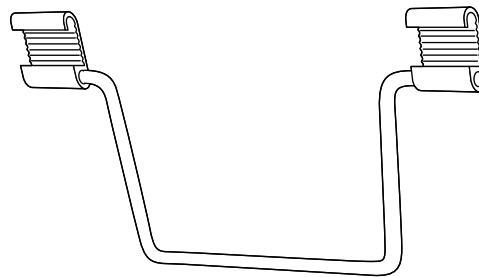


Fig. 2

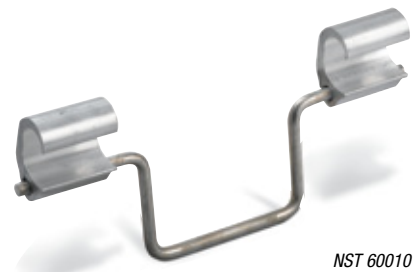
FIGURE 1 CAT. NO.	FIGURE 2 CAT. NO.	CONDUCTOR RANGE				BAIL (TIN PLATED)		INSTALLATION DIES		DIMENSIONS	
		ACSR	AWG	DIAMETER		SIZE	DIA. (MM)	MECH.	HYD.	L	H1
				IN.	MM						
QC002	SC002	#2-#6	#2 str.-#6 sol.	.325-.162	8.25-.412	#2 sol.	6.35	0	0	8¾	3¾
QC021	SC021	2/0-#2	2/0 str.-#2 sol.	.414-.292	10.51-7.41	#2 sol.	6.35	0	0	8¾	3¾
QCD41	SCD41	4/0-3/0	4/0 str.-3/0 sol.	.563-.464	14.29-10.51	#2 sol.	6.35	D	—	8¾	3¾
QCN50	SCN50	47718/1-4/0	500-4/0 str.	.814-.528	20.66-13.40	1/0 sol.	6.22	—	N	11	3¼

Stirrup Connectors

Protect conductors from arc and mechanical damage where hot line clamps are used.

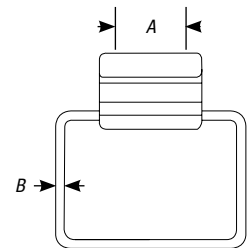
Anti-Rotational Hot-Line Stirrups

- For aluminum, AAC and ACSR conductors
- Can be pre-loaded into a hotstick installing tool, hooked over the line and compressed
- Connector is made from aluminum, and factory-installed bail is tin-plated solid copper for high conductivity and corrosion resistance
- Diamond knurling at tap connections and in the hot-line clamping area improve both mechanical and electrical performance
- Connectors prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All connectors marked with wire size, installation die codes and compression locations, providing easy identification for easy installation



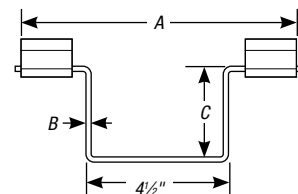
C-Type Stirrups

CAT. NO.	CONDUCTOR SIZE			A	B	DIE
	ACSR	STR.	SOL.			
OC 42	#4	#4	#6-#4	1½	2	O
OC 22	#4-#2	#4-#2	#2	1½	2	O
OC 102	#4-1/0	#2-1/0	—	1½	2	O
DC 402	3/0-4/0	3/0-4/0	—	2¾	2	D
NC 40010	266.8 (18/1)-397.5 (18/1)	250 (37)-400 (37)	—	2½	1/0	N
NC 60010	397.5 (18/1)-556.5 (18/1)	477-600	—	2½	1/0	N



Crank-Type Stirrups

CAT. NO.	CONDUCTOR SIZE			A	B	C	DIE
	ACSR	STR.	SOL.				
OST 42	#4	#6 sol.-#4	10	2	2¾	O	
OST 22	#4-#2	#4-#2	10	2	2¾	O	
OST 102	#4-1/0	#2-1/0	10	2	2¾	O	
OB 103 ST	#6-1/0	#6-1/0	9½	2	2¾	O	
DST 402	3/0-4/0	3/0-4/0	10	2	2¾	D	
NST 40010	266.8 (18/1)-397.5 (18/1)	250 (37)-400 (37)	12	1/0	2½	N	
NST 60010	397.5 (26/7)-556.5 (18/1)	477-600	12	1/0	2½	N	
DB 404 ST*	3/0-4/0	3/0-4/0	12	2	2¾	D	
NB 50040 ST*	4/0-477 (18/1)	4/0-500	10	2/0	2½	N	



* Designates H-Tap style.

Stirrup Connectors

Protect aluminum and ACSR main conductors from arc and mechanical damage where hot-line clamps are used.

Anti-Rotational Paltrap™ Hot-Line Stirrups

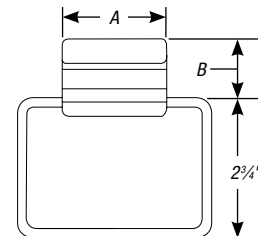
- For aluminum, 5005, AAAC and ACSR conductors
- Can be pre-loaded into a hotstick installing tool, hooked over the line and compressed
- Paltrap connector is made from aluminum, and factory-installed bail is tin-plated solid copper for high conductivity and corrosion resistance
- Connectors prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All connectors marked with wire size, installation die codes and compression locations, providing easy identification for easy installation



Anti-Rotational Paltrap™ Hot-Line Stirrups

CAT. NO.	MAIN CONDUCTOR			A	B	INSTALLING DIE
	SOL.	STR.	ASCR			
QH 6 S	#4 and #6	#6	#6	2 ¹ / ₁₆	1	TQ, 12, 1/2,
QH 4 S	#2	#4	#4	2 ¹ / ₁₆	1	42
SH 2 S	—	#2	#2	2 ³ / ₁₆	1 ¹ / ₁₆	45, TS, 13, 3/16

Note: Bails may be ordered separately for field assembly of stirrups using Paltrap connectors. Specify catalog number HLB 2 for #2 tinned solid copper bail or catalog number HLB 10 for 1/0 tinned solid copper bail.



Designed for distribution service connections with standard hotsticks.

Copper Tin-Plated Bails

- Choose from seven bail types, all handling either #2 or 1/0 conductor sizes
- Tin plated to resist corrosion



S 4425

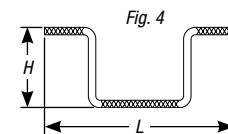
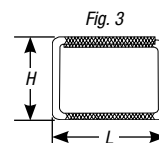
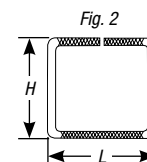
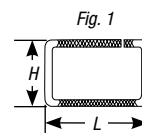


HLB 2

Copper Tin-Plated Bails

CAT. NO.	SIZE	FIG.	H	L
HLB 2	#2	1	2 ³ / ₁₆	4 ¹ / ₄
HLB 10	1/0	1	2 ³ / ₄	4 ³ / ₈
S 4425*	#2	2	4	4 ¹ / ₄
S 4425-1/0	1/0	2	4	4 ¹ / ₄
OL 4425	#2	3	3 ¹ / ₈	4 ¹ / ₄
HLCB 2	#2	4	2 ³ / ₄	4 ¹ / ₂

* S 4425 is split in the center and recommended for H-Type connector applications.



Stirrup Connectors

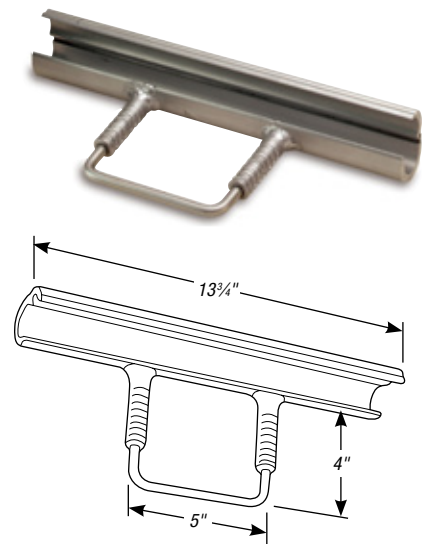
The single-piece stirrup for a large, workhorse conductor.

CCS Compression Stirrup

- Bail made of tin-plated copper wire for high conductivity and corrosion resistance
- Use U or 6024 dies — no special compression tools needed

CCS Compression Stirrup

CAT. NO.	CONDUCTOR RANGE		COPPER BAIL TIN PLATED
	MAX.-MIN.	DIAMETER MAX.-MIN.	
CCS44	800–636 str.	1.032–.918	2/0 sol.



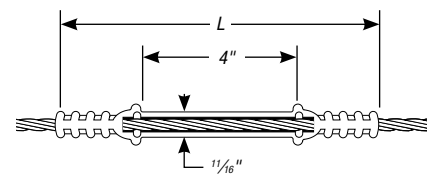
Covers and protects conductors from arcing when line clamps are attached or disconnected.

LP Compression Line Protector Sleeves

- Fit #4, #2 and 1/0 conductors
- Feature a hot-line clamp-bearing surface measuring 1 1/16" diameter by 4" long
- Use 5/8", BG and G dies — no special compression tools needed



LP10



Hot line clamp bearing surface:
1 1/16" dia. x 4" length

LP Compression Line Protector Sleeves

	ACSR	AWG	DIAMETER		LENGTH	INSTALLING DIES
			MAX.	MIN.		
LP4	#4	#4	.257	.232	8	5/8" Peach, BG, G
LP2	#2	#2	.316	.292	8	5/8" Peach, BG, G
LP10	1/0	1/0	.398	.373	8	0