

Overhead Distribution

Compression Splices - Two Sleeve Full Tension
HYSPLICE™ Types YDS-R SET, YDS-RP1, YDS-RP2

HYSPLICE™ Two Sleeve, Types YDS-R SET, YDS-RP1 (Aluminum), YDS-RP2 (Steel)

For ACSR (Stranded, Compressed, Compact)

Material: Aluminum (Outer Sleeve)
 Steel (Inner Sleeve)

Tension Rating: ANSI C119.4 Class 1
 (Full Tension)



RUS Accepted

Two-piece, full tension HYSPLICE™ connectors, consist of an aluminum outer sleeve and steel inner sleeve. Tapered outer sleeve provides gradual transition of stress. Filler holes provided for PENETROX™ joint compound. Sizes 1/0 and larger are supplied with plugs for filler hole. Installed with standard tooling and dies (Series 35 and Series 750 platforms install through 556). Aluminum and steel sleeves can be ordered separately or in sets.

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.

† U Die with adapter PT6515.

‡ U Die with adapter PUADP1.

For faster installations use BURNDY® PATRIOT® family of battery tools.

Catalog Number			Conductor	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)		
Set	Sleeves					MD7, MD6	35, 750, Y45†, 46‡	60
YDS021R	Steel Alum.	YDS25RP2 YDS021RP1	2 (7/1) Sparate	4.75" 17.00"	242 241	W242 (8) W241 (10)	U242 (4) U241 (5)	—
YDS1R	Steel Alum.	YDS1RP2 YDS1RP1	1 (6/1) Robin	4.13" 16.63"	240 241	W240 (6) W241 (10)	U240 (3) U241 (5)	—
YDS25R	Steel Alum.	YDS25RP2 YDS25RP1	1/0 (6/1) Raven	4.75" 17.00"	242 243	W242 (8) W243 (12)	U242 (4) U243 (6)	—
YDS26R	Steel Alum.	YDS26RP2 YDS26RP1	2/0 (6/1) Quail	5.25" 19.75"	242 245	W242 (8) W245 (15)	U242 (4) U245 (8)	—
YDS27R	Steel Alum.	YDS27RP2 YDS27RP1	3/0 (6/1) Pigeon	5.25" 16.75"	248 247	W248 (16) W247 (12)	U248 (8) U247 (6)	L248 (3)* L247 (4)*
YDS28R	Steel Alum.	YDS28RP2 YDS28RP1	4/0 (6/1) Penguin	5.13" 18.88"	248 249	W248 (14) W249 (14)	U248 (7) U249 (7)	L248 (4)* L249 (4)
YDS291R	Steel Alum.	YDS1RP2 YDS291RP1	266.8 (18 - 1)	4-1/8" 19-3/4"	240 251	W240 (6) —	U240 (3) U251 (12)	— L251 (6)
YDS30R	Steel Alum.	YDS30RP2 YDS30RP1	266.8 (26/7) Owl 266.8 (26/7) Partridge	6.00" 19.75"	250 251	—	U250 (10) U251 (10)	L250 (3) L251 (5)
YDS321R	Steel Alum.	YDS25RP2 YDS321RP1	336.4 (18/1) Merlin	4.75" 17.88"	242 490	W242 (8) —	U242 (4) U490 (10)	L242 (2)* L490 (4)
YDS32R	Steel Alum.	YDS32RP2 YDS33RP1	336.4 (26/7) Linnet 336.4 (30/7) Oriole	6.88" 22.25"	252 316	—	U252 (9) U316 (9)	L252 (3) L316 (3)
YDS33R	Steel Alum.	YDS41RP2 YDS33RP1	336.4 (30/7) Oriole	8.63" 22.25"	305 316	—	U305 (9) U316 (9)	L305 (3) L316 (3)
YDS34R	Steel Alum.	YDS34RP2 YDS35RP1	397.5 (26/7) Ibis 397.5 (30/7) Lark	6.25" 25.63"	253 317	—	U253 (9) U317 (12)	L253 (3) L317 (4)
YDS35R	Steel Alum.	YDS44RP2 YDS35RP1	397.5 (30/7) Lark	8.00" 25.63"	255 317	—	U255 (12) U317 (12)	L255 (4) L317 (4)
YDS361R	Steel Alum.	YDS27RP2 YDS361RP1	477.0 (18/1) Pelican	5.25" 25.63"	248 327	W248 (16) —	U248 (8) U327 (16)	L248 (4)* L327 (5)
YDS326R	Steel Alum.	YDS34RP2 YDS37RP1	477.0 (24/7) Flicker 477.0 (26/7) Hawk 477.0 (30/7) Hen	6.25" 26.38"	253 261	—	U253 (9) U261 (12)	L253 (3) L261 (4)
YDS36R	Steel Alum.	YDS36RP2 YDS37RP1	477.0 (26/7) Hawk	7.88" 26.38"	350 261	—	U350 (12) U261 (12)	L350 (4) L261 (4)

**HYSPLICE™ Two Sleeve, Types YDS-R SET,
 YDS-RP1 (Aluminum), YDS-RP2 (Steel)**

For ACSR (Stranded, Compressed, Compact)
 (Continued)



RUS Accepted

Catalog Number		Conductor	L	Die Index	Tool Series, Die Set Catalog Number, & (Crimps per End)				
Set	Sleeves				35, 750,	Y45	46	60	
YDS392R	Steel	YDS41RP2 YDS39RP1	556.5 (24-7)	8-5/8 26-1/8	305 608	U305 (9)	†	‡	L305 (3)
	Alum.					U608 (15)	†	‡	L608 (5)
YDS40R	Steel	YDS44RP2 YDS39RP1	556.5 (26-7)	8 26-1/8	255 608	U255 (12)	†	‡	L255 (4)
	Alum.					U608 (15)	†	‡	L608 (5)
YDS42R	Steel	YDS43RP2 YDS43RP1	636 (24-7)	8 32-1/2	254 319	—	S254 (15)	P254 (15)	L254 (5)
	Alum.					—	S319 (18)	P319 (18)	L319 (6)
YDS43R45RS	Steel	YDS45RP2 YDS43RP1	636 (26-7)	9 32-1/2	320 319	—	S320 (15)	P320 (15)	L320 (5)
	Alum.					—	S319 (18)	P319 (18)	L319 (6)
YDS43R43RS	Steel	YDS43RP2 YDS43RP1	666.6 (24-7)	8 32-1/2	254 319	—	S254 (15)	P254 (15)	L254 (5)
	Alum.					—	S319 (18)	P319 (18)	L319 (6)
YDS451R49RS	Steel	YDS49RP2 YDS451RP1	795 (26-7)	10 32-1/2	419 579	—	—	P419 (21)	L419 (7)
	Alum.					—	S579 (13)	P579 (13)	L579 (6)
YDS45R45RS	Steel	YDS45RP2 YDS45RP1	795 (54-7)	9 32-1/2	320 352	—	S320 (15)	P320 (15)	L320 (5)
	Alum.					—	S352 (12)	P352 (12)	L352 (6)
YDS451R34RS	Steel	YDS34RP2 YDS451RP1	900 (45-7)	6-1/4 32-1/2	253 579	U253 (9)	†	‡	L253 (3)
	Alum.					—	S579	P579	L579 (6)
YDS49R	Steel	YDS49RP2 YDS49RP1	1033.5 (54-7)	10 37	419 422	—	—	—	L419 (7)
	Alum.					—	—	—	L422 (8)
YDS50R	Steel	YDS36RP2 YDS49RP1	1113 (45-7)	7-7/8 37	350 422	U350 (12)	†	‡	L350 (4)
	Alum.					—	—	—	L422 (8)

† U Die with adapter PT6515.

‡ U Die with adapter PUADP1.

For faster installations use BURNDY® PATRIOT® family of battery tools.

For ACSR “Static” Wire

Catalog Number		Conductor	L	Die Index	Tool Series, Die Set Catalog Number, & (Crimps per End)			
Set	Sleeves				MD7, MD6	35, 750, Y45†, 46‡	60	
YDS011R	Steel	YDS27RP2 YDS011RP1	80 (8/1)	5-1/4 19-3/4	248 245	W248 (16)	U248 (8)	—
	Alum.					W245 (12)	U245 (6)	—
YDS251R	Steel	YDS34RP2 YDS251RP1	101.8 (12/7)	6-1/4 22-1/4	253 316	—	U253 (9)	L253 (3)
	Alum.					—	U316 (9)	L316 (3)
YDS261R	Steel	YDS41RP2 YDS261RP1	134.6 (12/7)	8-5/8 22-1/4	305 316	—	U305 (9)	L305 (3)
	Alum.					—	U316 (9)	L316 (3)
YDS271R	Steel	YDS44RP2 YDS271RP1	159 (12/7)	8 25-5/8	255 317	—	U255 (12)	L255 (4)
	Alum.					—	U317 (12)	L317 (4)

† U Die with adapter PT6515.

‡ U Die with adapter PUADP1.

HYSPLICE™ Two Sleeve, Types YDS-R, YDS-RE

For ACSR

Material: Aluminum (Outer Splice)
Steel (Inner Splice)

Tension Rating: ANSI C119.4 Class 1
(Full Tension)



Two-piece, full tension HYSPLICE™ splices, made of aluminum outer sleeve and steel sleeve for steel core. Designed to be installed with BURNDY® EEI dies. BURNDY® and EEI die index numbers are clearly marked on the sleeve.

Catalog Number Aluminum & Steel Sleeve Set	Catalog Number Aluminum Sleeve	Conductor	Aluminum Outer Sleeve					Catalog Number Steel Sleeve	Steel Inner Sleeve				
			L	EEI Die #	Die Index	Tools, Die Set Catalog No., & (Crimps per End)			LL	EEI Die #	Die Index	Tools, Die Set Catalog No., & (Crimps per End)	
						MD6	35, 750, Y45†, 46‡					MD6	35, Y750, Y45†, 46‡
YDS2RE	YDS021REP1	2 (6-1)	17-1/8	6A	693	W693 (20)	U693 (5)	YDS2REP2	4-1/8	1S	690	W690 (8)	U690 (4)
YDS021RE	—	2 (7-1)		8A	243	W243 (10)	U243 (5)	YDS25REP2	4-3/4	2S	691	W691 (9)	U691 (3)
—	YDS25RP1	1/0 (6-1)	19-3/4	9A	245	W245 (12)	U245 (6)	—	5-1/4	4S	692	W692 (12)	U692 (6)
—	YDS26RP1	2/0 (6-1)	16-3/4	10A	694	W694 (12)	U694 (6)	YDS27RP2	5-1/4	5S	248	W248 (8)	U248 (8)
YDS27RE	YDS27RP1	3/0 (6-1)	18-7/8	11A	249	W249 (14)	U249 (7)	YD28REP2	5-1/4	5S	248	W248 (8)	U248 (8)
YDS28RE	YDS28RP1	4/0 (6-1)	17-7/8	13A	655	—	U655 (9)	YDS25REP2	4-3/4	2S	691	W691 (9)	U691 (3)
—	—	336.4 (18-1)	25-1/2	14A	327	W327	U327 (16)	YDS27RP2	5-1/4	5S	248	W248 (8)	U248 (3)
YDS361R	YDS361RP1	477 (18-1)											

† U Die with adapter PT6515.

‡ U Die with adapter PUADP1.

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HYSPLICE™ Two Sleeve, Types YDS-E, YDS-H, YDS-U

For Steel

Material: Steel

Tension Rating: ANSI C119.4 Class 1
(Full Tension)



Full tension HYSPLICE™ sleeves designed for HS, EHS, Utilities (UT), or Siemens-Martin (SM) galvanized steel guy, messenger, and "Static" conductor. Made of hot-rip galvanized seamless milled steel tubing lined with silicone carbide particles.

* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.

† U Die with adapter PT6515.

‡ U Die with adapter PUADP1.

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Catalog Number	Conductor			L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)	
	Size	Str.	Grade			35, 750, Y45†, 46‡	60
YDS250E	1/4	7	EHS	6-3/4	609	U609 (10)	—
YDS312H	5/16	7	HS	10-5/8	257	U257 (20)	L257 (5)*
YDS312E	5/16	7	EHS	8-1/2	305	U305 (6)	L305 (3)
YDS375H	3/8	7	HS, UT	9	304	U304 (12)	L304 (4)
YDS500H	1/2	7	HS	9-5/8	293	—	L293 (6)