

A2 Standard Coupler, Coated



Coated reinforcing bar is used in place of plain reinforcing bars to protect against corrosion. Typical applications include bridges, parking structures, pavement, marine structures and repair work. nVent LENTON couplers and mechanical anchors are available in multiple coatings to meet specific job requirements.

CERTIFICATIONS



FEATURES

Designed to splice the same diameter bars where the second bar can be rotated and is not restricted in its axial direction

Slim design maintains concrete cover

Installs quickly and easily

Multiple coatings available

SPECIFICATIONS

Material: Steel

100% U.S. Domestic Content: Yes

Table 1/2

Catalog Number	Finish	Finish Standard	Coupler Protector	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada
EL12A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	12 mm	#4	10M

CatalogNumber	Finish	Finish Standard	Coupler Protector	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada
EL12A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	12 mm	#4	10M
EL12A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	12 mm	#4	10M
EL16A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	16 mm	#5	15M
EL16A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	16 mm	#5	15M
EL16A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	16 mm	#5	15M
EL20A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	20 mm	#6	20M
EL20A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	20 mm	#6	20M
EL20A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	20 mm	#6	20M
EL22A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	22 mm	#7	
EL22A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	22 mm	#7	
EL22A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	22 mm	#7	
EL22A2MGWIC P	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Internal Plastic Form Saver Plug (ELICP)	22 mm	#7	

CatalogNumber	Finish	Finish Standard	Coupler Protector	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada
EL25A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	25 mm	#8	25M
EL25A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	25 mm	#8	25M
EL25A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	25 mm	#8	25M
EL25A2MGWICP	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Internal Plastic Form Saver Plug (ELICP)	25 mm	#8	25M
EL28A2EG	Electrogalvanized	ASTM® B633 per SC 3	Standard	28 mm	#9	30M
EL28A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	28 mm	#9	30M
EL28A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	28 mm	#9	30M
EL28A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	28 mm	#9	30M
EL28A2MGWICP	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Internal Plastic Form Saver Plug (ELICP)	28 mm	#9	30M
EL36A2EG	Electrogalvanized	ASTM® B633 per SC 3	Standard	36 mm	#11	35M
EL36A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	36 mm	#11	35M
EL36A2ESWICP	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Internal Plastic Form Saver Plug (ELICP)	36 mm	#11	35M
EL36A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	36 mm	#11	35M

CatalogNumber	Finish	Finish Standard	Coupler Protector	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada
EL36A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	36 mm	#11	35M
EL32A2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	32 mm	#10	
EL32A2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	32 mm	#10	
EL32A2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	32 mm	#10	
EL32A2MGWICP	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Internal Plastic Form Saver Plug (ELICP)	32 mm	#10	
EL43TA2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	43 mm	#14	45M
EL43TA2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	43 mm	#14	45M
EL43TA2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	43 mm	#14	45M
EL50TA2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	50 mm		
EL57TA2ES	Epoxy Coated	ASTM® A775/A775M and AASHTO M284	Standard	57 mm	#18	55M
EL57TA2GV	Hot-Dip Galvanized	ASTM® A767 Class I	Standard	57 mm	#18	55M
EL57TA2MG	Mechanical Galvanized	ASTM® B695 Class 50 with Clear Trivalent Chromate Seal	Standard	57 mm	#18	55M

Table 2/2

Catalog Number	Hex Width (W)	Diameter (Ø)	Length (L)	Bar Depth (BD)	Bar Gap (BG)	Unit Weight
EL12A2ES	17 mm		41mm	15mm	11mm	0.06 kg
EL12A2GV	17 mm		41mm	15mm	11mm	0.06 kg
EL12A2MG	17 mm		41mm	15mm	11mm	0.06 kg
EL16A2ES	22 mm		56mm	22mm	12mm	0.12 kg
EL16A2GV	22 mm		56mm	22mm	12mm	0.12 kg
EL16A2MG	22 mm		56mm	22mm	12mm	0.12 kg
EL20A2ES	27 mm		71mm	28mm	15mm	0.23 kg
EL20A2GV	27 mm		71mm	28mm	15mm	0.23 kg
EL20A2MG	27 mm		71mm	28mm	15mm	0.23 kg
EL22A2ES	30 mm		80mm	32mm	16mm	0.33 kg
EL22A2GV	30 mm		80mm	32mm	16mm	0.33 kg
EL22A2MG	30 mm		80mm	32mm	16mm	0.33 kg
EL22A2MGWIC P	30 mm		80mm	32mm	16mm	0.33 kg
EL25A2ES		35 mm	85mm	34mm	17mm	0.39 kg
EL25A2GV		35 mm	85mm	34mm	17mm	0.39 kg
EL25A2MG		35 mm	85mm	34mm	17mm	0.39 kg
EL25A2MGWIC P		35 mm	85mm	34mm	17mm	0.39 kg

CatalogNumber	Hex Width (W)	Diameter (Ø)	Length (L)	Bar Depth (BD)	Bar Gap (BG)	Unit Weight
EL28A2EG		38 mm	91mm	38mm	15mm	0.48 kg
EL28A2ES		38 mm	91mm	38mm	15mm	0.48 kg
EL28A2GV		38 mm	91mm	38mm	15mm	0.48 kg
EL28A2MG		38 mm	91mm	38mm	15mm	0.48 kg
EL28A2MGWIC P		38 mm	91mm	38mm	15mm	0.48 kg
EL36A2EG		48 mm	101mm	43mm	15mm	0.8 kg
EL36A2ES		48 mm	101mm	43mm	15mm	0.8 kg
EL36A2ESWICP		48 mm	101mm	43mm	15mm	0.8 kg
EL36A2GV		48 mm	101mm	43mm	15mm	0.8 kg
EL36A2MG		48 mm	101mm	43mm	15mm	0.8 kg
EL32A2ES		44 mm	96mm	40mm	16mm	0.69 kg
EL32A2GV		44 mm	96mm	40mm	16mm	0.69 kg
EL32A2MG		44 mm	96mm	40mm	16mm	0.69 kg
EL32A2MGWIC P		44 mm	96mm	40mm	16mm	0.69 kg
EL43TA2ES		57 mm	133mm	56mm	21mm	1.52 kg
EL43TA2GV		57 mm	133mm	56mm	21mm	1.52 kg
EL43TA2MG		57 mm	133mm	56mm	21mm	1.52 kg
EL50TA2ES		70 mm	163mm	71mm	21mm	2.81 kg

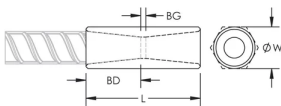
CatalogNumber	Hex Width (W)	Diameter (Ø)	Length (L)	Bar Depth (BD)	Bar Gap (BG)	Unit Weight
EL57TA2ES		76 mm	164mm	71mm	22mm	3.32 kg
EL57TA2GV		76 mm	164mm	71mm	22mm	3.32 kg
EL57TA2MG		76 mm	164mm	71mm	22mm	3.32 kg

Designed to Meet: AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600

ADDITIONAL PRODUCT DETAILS

Bar dimensions and weights listed may vary by region. Coupler sizes not shown may be available by special order. Contact your nVent LENTON representative for more information.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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