

# RE and REC reducers, REA adapters and PLG plugs

Cl. I, Div. 1 & 2, Groups A, B, C, D  
Cl. II, Div. 1, Groups E, F, G  
Cl. II, Div. 2, Groups F, G  
Cl. III

Explosionproof  
Dust-ignitionproof

4F  
4F

## Applications:

- RE and REC reducers are used in threaded heavy wall conduit systems
- RE reduces conduit hubs to a smaller size
- REC connects two different sizes of conduit together or is used to replace a coupling and reducer in an installation
- REA adapters enlarge drilled and tapped openings by one NPT size
- PLG plugs are used for closing threaded conduit hubs

## Features:

RE reducers have:

- Integral bushing which prevents damage to wires
- Full, clean cut tapered threads

REC reducers have:

- Integral bushings in both ends which prevents damage to wires
- Funnel shaped interior to guide the wires from large to small conduit, making it easy to pull wire

REA adapters have:

- Smooth integral bushing to protect wire insulation
- Knurled body for easy wrenching

PLG plugs:

- Have clean tapered threads
- Are available in two styles: flush (recessed) or square head type

## Certifications and compliances:

### NEC/CEC:

- Class I, Divisions 1 & 2, Groups A, B, C, D  
*(see listings for specific catalog numbers suitable for Groups A or B)*
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

### UL standard:

- UL1203

### CSA standard:

- C22.2 No. 30

## Standard materials:

- RE reducers – RE1108 through RE54: steel; all others: Feraloy iron alloy
- REA adapters – steel
- REC reducers – REC21 and REC32: steel; all others: Feraloy iron alloy
- PLG plugs –  
*Recessed:* PLG28 through PLG3: steel; PLG4 through PLG10: gray iron alloy  
*Square head:* PLG15 through PLG55: steel; PLG65 through PLG105: gray iron alloy

## Standard finishes:

- Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized with chromate treatment

## Ordering information:

### RE



Hub size	Cat. #
1/2" - 1/8"	RE1108 <sup>B</sup>
1/2" - 1/4"	RE1208 <sup>B</sup>
1/2" - 3/8"	RE1308
3/4" - 1/2"	RE21 <sup>A</sup>
1" - 1/2"	RE31 <sup>A</sup>
1" - 3/4"	RE32 <sup>A</sup>
1 1/4" - 1/2"	RE41 <sup>A</sup>
1 1/4" - 3/4"	RE42 <sup>A</sup>
1 1/4" - 1"	RE43 <sup>A</sup>
1 1/2" - 1/2"	RE51 <sup>A</sup>
1 1/2" - 3/4"	RE52 <sup>A</sup>
1 1/2" - 1"	RE53 <sup>A</sup>
1 1/2" - 1 1/4"	RE54 <sup>A</sup>
2" - 1/2"	RE61 <sup>A</sup>
2" - 3/4"	RE62 <sup>A</sup>
2" - 1"	RE63 <sup>A</sup>
2" - 1 1/4"	RE64 <sup>A</sup>
2" - 1 1/2"	RE65 <sup>A</sup>
2 1/2" - 1"	RE73 <sup>A</sup>
2 1/2" - 1 1/4"	RE74 <sup>A</sup>
2 1/2" - 1 1/2"	RE75 <sup>A</sup>
2 1/2" - 2"	RE76 <sup>A</sup>
3" - 1"	RE83 <sup>A</sup>
3" - 1 1/4"	RE84 <sup>A</sup>
3" - 1 1/2"	RE85 <sup>A</sup>
3" - 2"	RE86 <sup>A</sup>
3" - 2 1/2"	RE87 <sup>A</sup>
3 1/2" - 2"	RE96 <sup>A</sup>
3 1/2" - 2 1/2"	RE97 <sup>A</sup>
3 1/2" - 3"	RE98 <sup>A</sup>
4" - 2"	RE106 <sup>A</sup>
4" - 2 1/2"	RE107 <sup>A</sup>
4" - 3"	RE108 <sup>A</sup>
4" - 3 1/2"	RE109 <sup>A</sup>
5" - 4"	RE01210
6" - 5"	RE01412

### REA



Male hub size	Female hub size	Cat. #
1/2"	3/4"	REA12 <sup>A</sup>
3/4"	1"	REA23 <sup>A</sup>
1"	1 1/4"	REA34 <sup>A</sup>

## Options:

### Description

- Copper-free aluminum..... SA

### Suffix

### REC



Hub size	Cat. #
3/4" - 1/2"	REC21 <sup>A</sup>
1" - 1/2"	REC31 <sup>A</sup>
1" - 3/4"	REC32
1 1/4" - 3/4"	REC42
1 1/4" - 1"	REC43
1 1/2" - 3/4"	REC52
1 1/2" - 1"	REC53
1 1/2" - 1 1/4"	REC54
2" - 3/4"	REC602
2" - 1"	REC603 <sup>B</sup>
2" - 1 1/4"	REC604 <sup>B</sup>
2" - 1 1/2"	REC605
2 1/2" - 1 1/2"	REC75
3" - 2"	REC86
3 1/2" - 2 1/2"	REC97 <sup>B</sup>
4" - 3"	REC108 <sup>B</sup>
5" - 4"	REC01210 <sup>B</sup>

### PLG



Recessed



Square head

#### Recessed

Size	Cat. #
1/4"	PLG28 <sup>A</sup>
1/2"	PLG1 <sup>A</sup>
3/4"	PLG2 <sup>A</sup>
1"	PLG3 <sup>A</sup>
1 1/4"	PLG4
1 1/2"	PLG5
2"	PLG6
2 1/2"	PLG7
3"	PLG8
3 1/2"	PLG9
4"	PLG10

#### Square head

Size	Cat. #
1/2"	PLG15 <sup>A</sup>
3/4"	PLG25 <sup>A</sup>
1"	PLG35 <sup>A</sup>
1 1/4"	PLG45
1 1/2"	PLG55
2"	PLG65
2 1/2"	PLG75
3"	PLG85
3 1/2"	PLG95
4"	PLG105

<sup>A</sup> Suitable for use in Class I, Groups A and B areas.

<sup>B</sup> Not available in aluminum.