

Reducers, Couplings and 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

7F

7F
 Flow, Couplings,
 and Devices,
 Plugs, Etc.

Application:

RE and REC reducers are used in threaded heavy wall conduit systems.

RE reduces conduit hubs to a smaller size.

REA adapters enlarge drilled and tapped openings by 1 NPT size.

REC connects two different sizes of conduit together or is used to replace a coupling and reducer in an installation.

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 wires

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

Standard Materials:

- RE reducers – RE1108 through RE54 in steel; all others in *Feraloy*[®] iron alloy
- REA adapters – steel
- REC reducers – REC21 and REC32 in steel; all others in *Feraloy* iron alloy
- PLG plugs – *Feraloy* iron alloy and/or steel

Standard Finishes:

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

Certifications and Compliances:

- NEC/CEC:
 Class I, Division 1 & 2, Groups A, B, C, D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III

(see listings for specific Cat. Nos. suitable for Groups A or B)

- UL Standard: 886
- CSA Standard: C22.2 No. 30

Options:

- Copper-free aluminum – add suffix SA to Cat. No.



RE

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



REC

| Large Hub Size | Small Hub Size | Cat. # |
|----------------|----------------|-----------|
| 3/4 | 1/2 | REC21† |
| 1 | 1/2 | REC31† |
| 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 |
| 2 | 1 1/4 | REC604 |
| 2 | 1 1/2 | REC605 |
| 2 1/2 | 1 1/2 | REC75 |
| 3 | 2 | REC86 |
| 3 1/2 | 2 1/2 | REC97* |
| 4 | 3 | REC108* |
| 5 | 4 | REC01210* |



REA

| Male Hub Size | Female Hub Size | Cat. # |
|---------------|-----------------|--------|
| 1/2 | 3/4 | REA12† |
| 3/4 | 1 | REA23† |
| 1 | 1 1/4 | REA34† |



Recessed



Square Head

PLG

Recessed

| Size | Cat. # |
|-------|--------|
| 1/4 | PLG28† |
| 1/2 | PLG1† |
| 3/4 | PLG2† |
| 1 | PLG3† |
| 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† |
| 3/4 | PLG25† |
| 1 | PLG35† |
| 1 1/4 | PLG45† |
| 1 1/2 | PLG55† |
| 2 | PLG65† |
| 2 1/2 | PLG75 |
| 3 | PLG85 |
| 3 1/2 | PLG95 |
| 4 | PLG105 |

† Suitable for use in Class I, Groups A and B areas.

‡ Suitable for use in Class I, Group B areas.

* Not available in aluminum.