

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.