

**ERD , ERDS Reducers  
ETP Stopping plugs  
EED Enlargers**



**EXPLOSIONPROOF**

**For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G**

**For IEC.60079-1 Standard Zone 1 and Zone 2**



ISO9001:2008

**● Applications:**

ERD and ERDS reducers are used in NPT conduit system to reduce the conduit hubs to a smaller size.  
ETP stopping plugs are provided for closing threaded conduit hubs of the explosionproof enclosure.  
EED enlargers are used in NPT conduit system to enlarge or adapt the conduit hubs in on step-up size.

**● Standard Materials:**

- ERD, ERDS - Aluminium or Bronze
- ETP - Copper-free aluminium
- EED - Aluminium or Bronze

**● Standard Finishes:**

- Aluminium - Natural
- Bronze - Natural or Chromium plated
- Copper-free aluminium - Epoxy-polyester powder coated.

**● Standard Size:**

- 1/2 to 4 inches NPT

**● Technical data ( for IEC standard )**

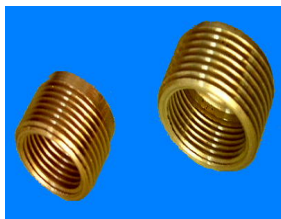
Type of protection	:	Ex d IIA T6 (for Zone 1&2)
Conforming to	:	IEC60079-1
Marking	:	Ex d II2G Ex d IIA T6
Degree of protection	:	IP 54 ( without gasket )
	:	IP 66 (with gasket)
	:	acc.to EN600529/IEC60529
Ambient temp.(ta)	:	- 20°C to +75°C

**● Options:**

Entry thread seal	:	Themoplastic elastomer or Rubber(NBR)
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**● Compliances: ( for UL standard )**

- UL standard 60079-1
- NEC Class I, Div. 1 and 2 , Groups C, D
- Class II, Div. 1 and 2 , Groups E,F,G
- Class III



ERD



ERDS



ETP



EED



A QUALITY PRODUCT

Catalogue Number :

## ERD , ERDS Reducers

### ETP Stopping plugs

### EED Enlargers

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-1 Standard Zone 1 and Zone 2

#### Reducers

NPT, Thread Size Male-Female ( inch )	Cat.,No.	
	ERD Type	ERDS Type
3/4" - 1/2"	ERD 21 <input type="checkbox"/>	ERDS 21 <input type="checkbox"/>
1" - 1/2"	ERD 31 <input type="checkbox"/>	ERDS 31 <input type="checkbox"/>
1" - 3/4"	ERD 32 <input type="checkbox"/>	ERDS 32 <input type="checkbox"/>
1.1/4" - 1/2"	ERD 41 <input type="checkbox"/>	ERDS 41 <input type="checkbox"/>
1.1/4" - 3/4"	ERD 42 <input type="checkbox"/>	ERDS 42 <input type="checkbox"/>
1.1/4" - 1"	ERD 43 <input type="checkbox"/>	ERDS 43 <input type="checkbox"/>
1.1/2" - 3/4"	ERD 52 <input type="checkbox"/>	ERDS 52 <input type="checkbox"/>
1.1/2" - 1"	ERD 53 <input type="checkbox"/>	ERDS 53 <input type="checkbox"/>
1.1/2" - 1.1/4"	ERD 54 <input type="checkbox"/>	ERDS 54 <input type="checkbox"/>
2" - 1"	ERD 63 <input type="checkbox"/>	ERDS 63 <input type="checkbox"/>
2" - 1.1/4"	ERD 64 <input type="checkbox"/>	ERDS 64 <input type="checkbox"/>
2" - 1.1/2"	ERD 65 <input type="checkbox"/>	ERDS 65 <input type="checkbox"/>
2.1/2" - 1.1/4"	ERD 74 <input type="checkbox"/>	ERDS 74 <input type="checkbox"/>
2.1/2" - 1.1/2"	ERD 75 <input type="checkbox"/>	ERDS 75 <input type="checkbox"/>
2.1/2" - 2"	ERD 76 <input type="checkbox"/>	ERDS 76 <input type="checkbox"/>
3" - 1.1/2"	ERD 85 <input type="checkbox"/>	ERDS 85 <input type="checkbox"/>
3" - 2"	ERD 86 <input type="checkbox"/>	ERDS 86 <input type="checkbox"/>
3" - 2.1/2"	ERD 87 <input type="checkbox"/>	ERDS 87 <input type="checkbox"/>
3.1/2" - 2"	ERD 96 <input type="checkbox"/>	ERDS 96 <input type="checkbox"/>
3.1/2" - 2.1/2"	ERD 97 <input type="checkbox"/>	ERDS 97 <input type="checkbox"/>
3.1/2" - 3"	ERD 98 <input type="checkbox"/>	ERDS 98 <input type="checkbox"/>
4" - 2.1/2"	ERD 107 <input type="checkbox"/>	ERDS 107 <input type="checkbox"/>
4" - 3"	ERD 108 <input type="checkbox"/>	ERDS 108 <input type="checkbox"/>
4" - 3.1/2"	ERD 109 <input type="checkbox"/>	ERDS 109 <input type="checkbox"/>

#### Enlargers

NPT, Thread Size Male-Female ( inch )	Cat.,No.
	1/2" - 3/4"
3/4" - 1"	EED 23 <input type="checkbox"/>
1" - 1.1/4"	EED 34 <input type="checkbox"/>
1.1/4" - 1.1/2"	EED 45 <input type="checkbox"/>
1.1/2" - 2"	EED 56 <input type="checkbox"/>
2" - 2.1/2"	EED 67 <input type="checkbox"/>
2.1/2" - 3"	EED 78 <input type="checkbox"/>
3" - 3.1/2"	EED 89 <input type="checkbox"/>
3.1/2" - 4"	EED 910 <input type="checkbox"/>

#### Stopping plugs

NPT, Thread Size (inch)	Cat.,No.
1/2"	ETP 1
3/4"	ETP 2
1"	ETP 3
1.1/4"	ETP 4
1.1/2"	ETP 5
2"	ETP 6
2.1/2"	ETP 7
3"	ETP 8
3.1/2"	ETP 9
4"	ETP 10

#### Options:

Specify material to Cat.,No.

A - Aluminium

B - Bronze