

### Rupture Disks for Plastic Extrusion Protection

#### Custom Pressure Relief Solutions for your Extrusion Equipment

#### Construction Characteristics

Tempco's Extruder Rupture Disks are pressure relief devices designed for overpressure protection of plastic extruders. A rupture disk is soldered or welded to the end of a threaded hollow bolt to fit flush in the extruder barrel. This prevents plastic buildup and hardening that might render the rupture disk ineffective. Tempco carries a number of sizes to fit standard thermocouple wells to serve as replacements for expended units.

#### Design Features

- \* 303 Stainless Steel Body, Inconel® Rupture Disk
- \* 3/16" Burst Diameter
- \* Rupture Pressure Tolerance  $\pm 5\%$
- \* NPT Fittings for Discharge Available
- \* Designed to Fit Common Thermocouple or Transducer Drill Pattern
- \* Select a Pressure Rating Exceeding your Normal Operating Pressure by 1.4 Times without Exceeding the Manufacturer's High Pressure Specifications

### 1-13/16" Long 1/2-20 UNF Threaded with a Screwdriver Slot at 300°F (149°C) to 750°F (399°C)



Pressure (PSI)	Part Number
3500	ERD01001
5000	ERD01002
5500	ERD01003
6000	ERD01004
6500	ERD01005
7000	ERD01006

Pressure (PSI)	Part Number
7500	ERD01007
8000	ERD01008
8500	ERD01009
9000	ERD01010
9500	ERD01011
10000	ERD01012

### 6" Overall Length 1/2-20 UNF Threaded at 300°F (149°C) to 750°F (399°C)



With Wrench Flat



With Hex Head Adapter

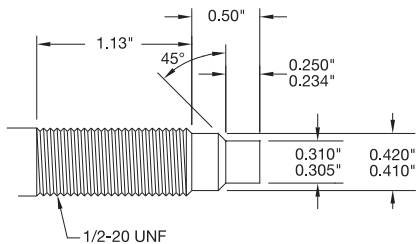


With Hex Head and  
1/4-18 NPT Male Fitting

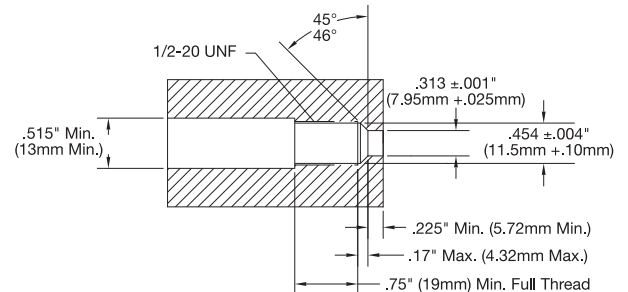
Pressure (PSI)	Part Number		
	Wrench Flat	Hex Head	1/4 NPT
2500	ERD02001	ERD03001	ERD04001
3000	ERD02002	ERD03002	ERD04002
3500	ERD02003	ERD03003	ERD04003
4000	ERD02004	ERD03004	ERD04004
5000	ERD02005	ERD03005	ERD04005
5500	ERD02006	ERD03006	ERD04006
7000	ERD02007	ERD03007	ERD04007
7500	ERD02008	ERD03008	ERD04008
8000	ERD02009	ERD03009	ERD04009
8500	ERD02010	ERD03010	ERD04010
9000	ERD02011	ERD03011	ERD04011
9500	ERD02012	ERD03012	ERD04012
10000	ERD02013	ERD03013	ERD04013

### Installation Data

#### Rupture Disk Critical Mounting Dimensions



#### Standard Drill Pattern



### Ordering Information

Select the Rupture Disk style, pressure and temperature rating that matches your application requirements. Alternate pressure, temperature and physical configurations are possible; consult TEMPCO with your requirements. **Standard lead time is stock to 4 weeks.**

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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