The logo for ONEhalf20, featuring the company name in a stylized, bold font with a horizontal line through the middle of the letters.

# Model RD3H Extruder Rupture Disk with 1/2 - 20UNF - 2A Mounting Thread

## Product Introduction

**ONEhalf20's** Model RD3H Extruder Rupture Disk is designed for emergency relief of excess pressure in plastics processing machinery. It is designed to instantaneously rupture at a predetermined pressure. The Model RD3H Extruder Rupture Disk is available in a variety of burst pressures.

The Model RD3H may be specified for primary relief in applications where pressure build-up can occur so rapidly that the response time of a relief valve is inadequate.

## Features & Benefits

- burst pressures from 1,500 to 15,000 psi
- 1/2-20 UNF mounting thread
- SS or Inconel disk
- suitable for melt temperatures up to 825°F
- burst pressure accuracy +/- 5%
- low installation and maintenance cost
- all stainless steel body

## Ordering Guide

<u>Model Number</u>	<u>Length &amp; Installation</u>
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RD3H	3.0" with hex head
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<u>Standard Rated Burst Pressures</u>	
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-1.5M	1,500 psi
-2.5M	2,500 psi
-3.5M	3,500 psi
-4.5M	4,500 psi
-5.5M	5,500 psi
-6.5M	6,500 psi
-7.5M	7,500 psi
-8.5M	8,500 psi
-9.5M	9,500 psi
-10.5M	10,500 psi
-12.5M	12,500 psi
-15M	15,000 psi

<u>Option</u>	<u>Description</u>
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1/4NPT	1/4" discharge connection
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## Model RD3H Photo



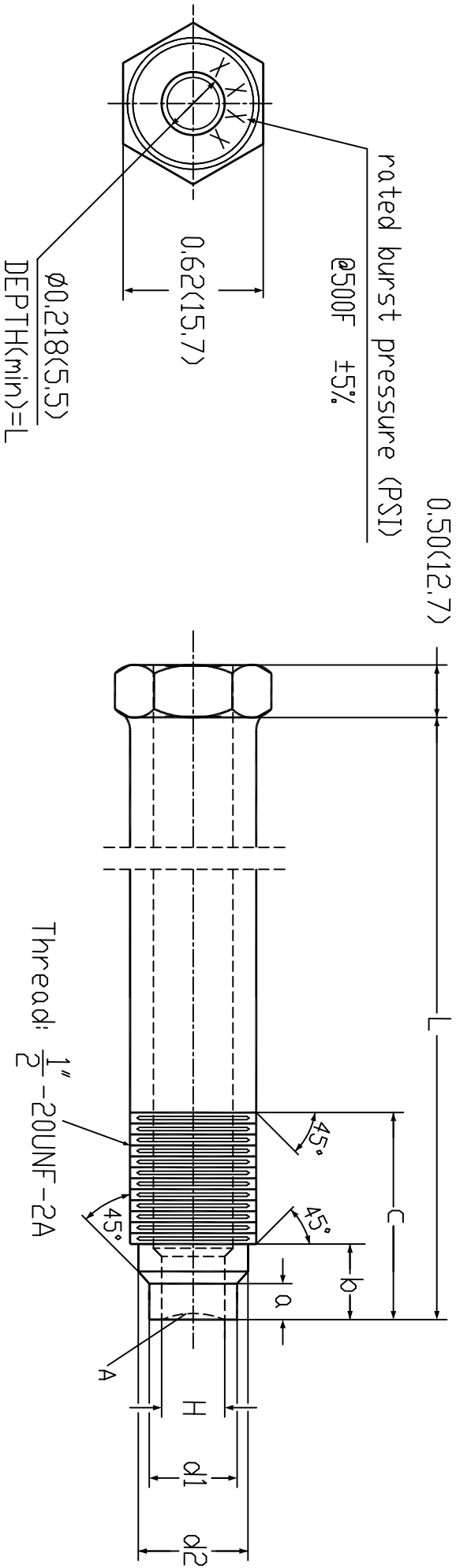
## Model RD3H With 1/4NPT Photo



## Note:

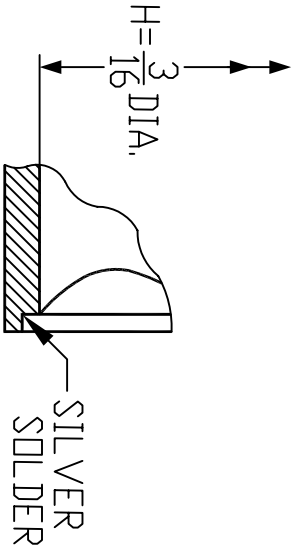
For burst pressures not listed please consult your **ONEhalf20** distributor..

North America Toll Free 877 781-1881  
Other Locations 905 474-5650  
[www.onehalf20.com](http://www.onehalf20.com)

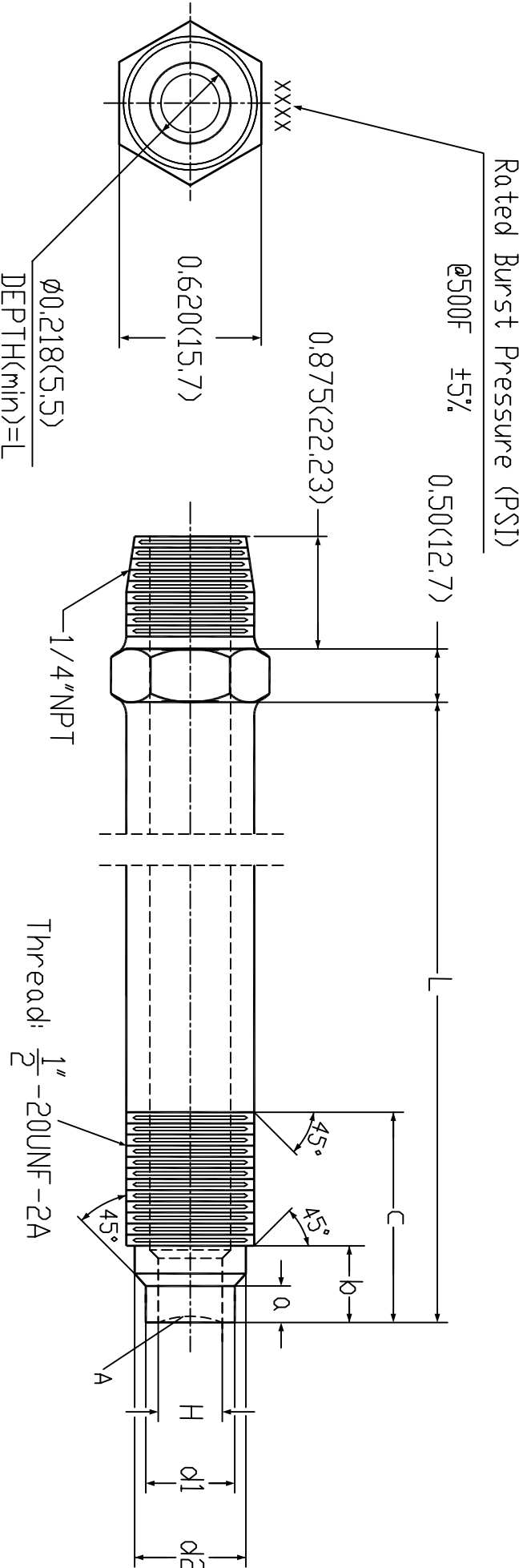


a	b	c	L
0.250(6.35)	0.50(12.7)	1.81(45.97)	3.00(76.2)
0.234(5.94)			

H	$\phi 1$	$\phi 2$
3/16" (4.76)	$\phi 0.310(7.87)$	$\phi 0.420(10.67)$
	$\phi 0.305(7.75)$	$\phi 0.410(10.41)$



DETAIL A



a	b	c	L
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H	d1	d2
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