

RP12 SERIES RUPTURE DISK

FEATURES

- ◎ Wide burst pressure range
- ◎ Process temperature up to 400°C
- ◎ Intrinsically safe
- ◎ Designed for melt pressure extruder application



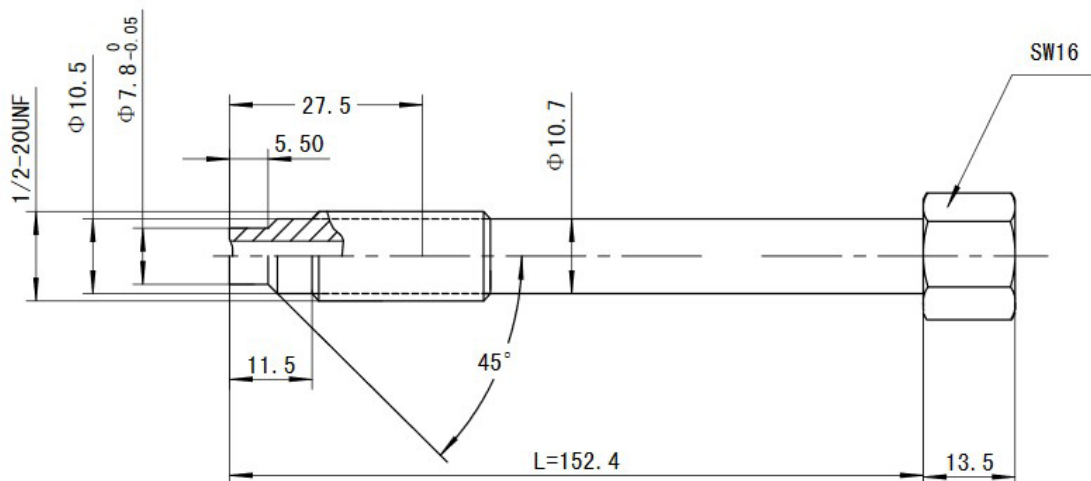
INTRODUCTION

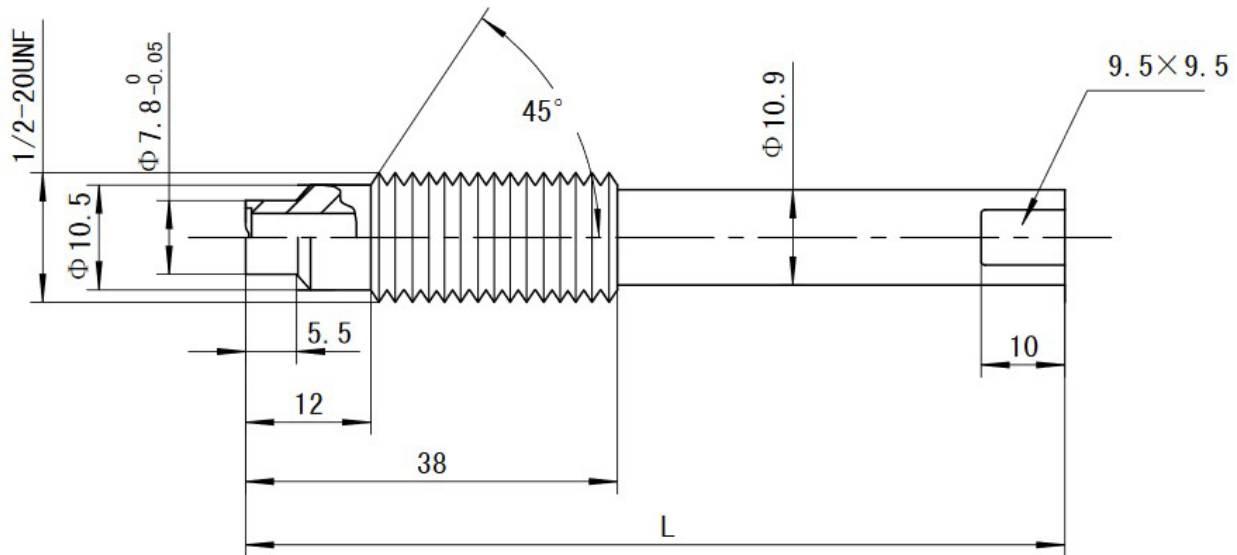
Extruder rupture disks offer a reliable and cost-effective pressure relief solution for extrusion and polymer processing applications. They are also known as rupture pins, rupture disks, burst plugs, or burst disks.

SPECIFICATIONS

Burst pressure range	0~15,000psi
Accuracy	±5%FS
Maximum diaphragm temperature	400°C
Process connection	1/2-20UNF, M18X1.5, M14X1.5, others on request
Plug length	1.82", 3", 6", 8", 12" others on request
Ends available	Hex, NPT, wrench flat, screwdriver slot

MECHANICAL DIMENSION





Planar sealed	D1	M22*1.5	M28*1.5	G3/4"	PT3/8"
	D2	Φ16.1	Φ18.3	Φ18.3	Φ10.3
	D3	Φ20.1	Φ26.1	Φ24.2	Φ14.9
	M	Φ23	Φ30	Φ21	Φ11
	A	11	12	12	14
	B	12	15	15	19
	C	40	35	35	40
45° Slope sealed	D1	M12*1.5	M14*1.5	1/2-20UNF	M18*1.5
	D2	Φ8	Φ8	Φ8	Φ10.1
	D3	Φ10.8	Φ12.5	Φ11.5	Φ16.1
	D4	Φ12.5	Φ14.5	Φ13.1	Φ20
	A	6	6	6	6.5
	B	9	9.5	9.5	10



ORDER FORMAT

RP1206 - 7500PSI - 1/2 - 6 - H

Pressure range	Code
0~1,500psi	1500psi
0~2,500psi	2500psi
0~3,500psi	3500psi
0~4,500psi	4500psi
0~5,500psi	5500psi
0~6,500psi	6500psi
0~7,500psi	7500psi
0~8,500psi	8500psi
0~9,500psi	9500psi
Other range on request	

Code	Process connection
1/2	1/2"-20UNF
M14	M14X1.5
M18	M18X1.5
Other size on request	

Code	Ends type
H	Hex
N	NPT
F	Wrench flat
S	Screwdriver slot

Code	Length
2	1.82"
3	3"
6	6"
8	8"
10	10"
12	12"
Other length on request	