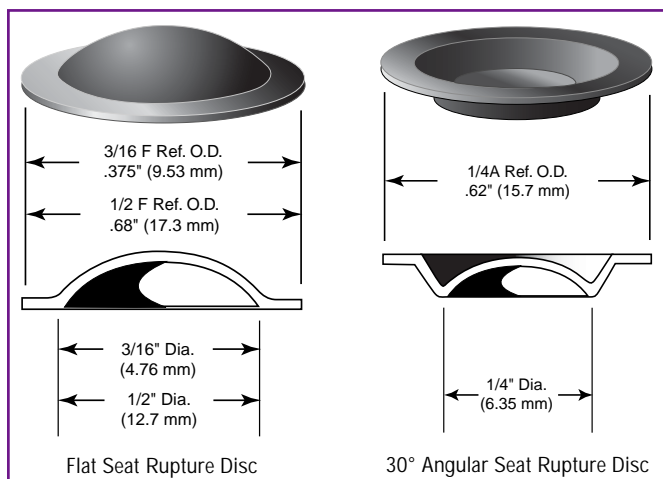


Accessories - Prebulged Rupture Discs

Ordering Information

- Specify quantity, disc size, type, material and temperature.
- Indicate desired rupture rating which should be at least 110% of operating pressure. Manufacturing tolerances are +6% to -3% of nominal rating and will burst at $\pm 5\%$ of furnished rating. Discs are rated at 72°F (22°C).
- Minimum order of 6 discs required for materials other than Inconel.
- See next page for standard part numbers.

Note: Inconel disc normally available from stock.



Disc Material	Disc Size Seat Type	Rupture Pressures Standard Available Range $\pm 5\%$	Maximum Temperature Rating
		psi (bar)	$^{\circ}\text{F}$ ($^{\circ}\text{C}$)
Aluminum	3/16 flat	220 to 1,750 (15.2 to 120.7)	250 (121)
	1/4 angle	160 to 2,000 (11.0 to 137.9)	250 (121)
	1/2 flat	90 to 1,000 (6.2 to 68.9)	250 (121)
Silver	3/16 flat	500 to 4,500 (34.5 to 310.3)	250 (121)
	1/4 angle	360 to 6,000 (24.8 to 413.7)	250 (121)
	1/2 flat	190 to 1,700 (13.1 to 117.2)	250 (121)
Hastelloy C	3/16 flat	3,000 to 65,000 (206.8 to 4481.5)	1,000 (538)
	1/4 angle	2,500 to 70,000 (172.4 to 4826.3)	1,000 (538)
	1/2 flat	1,300 to 11,500 (89.6 to 792.9)	1,000 (538)
Nickel	3/16 flat	770 to 20,000 (53.1 to 1378.9)	750 (399)
	1/4 angle	550 to 35,000 (37.9 to 2413.1)	750 (399)
	1/2 flat	300 to 7,500 (20.7 to 517.1)	750 (399)
Monel	3/16 flat	960 to 20,000 (66.2 to 1378.9)	800 (427)
	1/4 angle	690 to 40,000 (47.6 to 2757.9)	800 (427)
	1/2 flat	375 to 7,500 (25.9 to 517.1)	800 (427)
Inconel (Standard)	3/16 flat	1,250 to 20,000 (86.2 to 1378.9)	900 (482)
	1/4 angle	900 to 60,000 (62.1 to 4136.8)	900 (482)
	1/2 flat	500 to 10,000 (34.5 to 690.0)	900 (482)
Type 316 Stainless Steel	3/16 flat	1,750 to 20,000 (120.7 to 1378.9)	900 (482)
	1/4 angle	1,250 to 60,000 (86.2 to 4136.8)	900 (482)
	1/2 flat	700 to 10,000 (48.3 to 690.0)	900 (482)

Teflon coating available on one or both sides to increase minimum rupture rating.

CAUTION: High pressure-to-rupture ratios, severe pressure or temperature cycling, corrosion and metal fatigue affect disc life and rupture pressure. Frequent disc replacement may be desirable to avoid premature rupture. Rupture disc manufacturers recommended a 140 to 170 percent margin on disc ratings for extended disc life.

All dimensions for reference only and subject to change.

For prompt service, Autoclave stocks select products. Consult your local representative.

Rupture Disc Stock Part List - 3/16 Flat Disc

Part Number	Description	Material	Pressure Range (psi)	Pressure Range (bar)
P-7003	3/16F DISC	Inconel	1940-2120	134-146
P-7674	3/16F DISC	Inconel	2231-2438	154-168
P-7005	3/16F DISC	Inconel	2910-3180	201-219
P-7007	3/16F DISC	Inconel	3201-3498	221-241
P-7009	3/16F DISC	Inconel	3880-4240	268-292
P-7011	3/16F DISC	Inconel	4365-4700	301-324
P-7013	3/16F DISC	Inconel	4850-5300	334-365
P-7015	3/16F DISC	Inconel	5141-5618	355-387
P-7017	3/16F DISC	Inconel	5335-5830	368-402
P-7018	3/16F DISC	Inconel	5626-6148	388-424
P-7019	3/16F DISC	Inconel	5723-6254	395-431
P-7020	3/16F DISC	Inconel	5820-6360	401-439
P-7021	3/16F DISC	Inconel	6014-6572	415-453
P-7022	3/16F DISC	Inconel	6111-6678	421-460
P-7024	3/16F DISC	Inconel	6305-6890	435-475
P-7026	3/16F DISC	Inconel	6790-7420	468-512
P-7028	3/16F DISC	Inconel	7275-7950	502-548
P-7030	3/16F DISC	Inconel	7760-8480	535-585
P-7032	3/16F DISC	Inconel	8245-9010	568-621
P-7034	3/16F DISC	Inconel	8730-9540	602-658
P-7040	3/16F DISC	Inconel	10185-11130	702-767
P-7044	3/16F DISC	Inconel	11155-12190	769-840
P-7046	3/16F DISC	Inconel	11640-12720	803-877
P-7048	3/16F DISC	Inconel	12125-13250	836-914
P-7050	3/16F DISC	Inconel	12610-13780	869-950
P-7052	3/16F DISC	Inconel	13095-14310	903-987
P-7054	3/16F DISC	Inconel	13580-14840	936-1023
P-7056	3/16F DISC	Inconel	14065-15370	970-1060
P-7058	3/16F DISC	Inconel	14550-15900	1003-1096
P-7060	3/16F DISC	Inconel	15035-16430	1037-1133
P-7062	3/16F DISC	Inconel	15520-16960	1070-1169
P-7064	3/16F DISC	Inconel	16005-17490	1103-1206
P-7068	3/16F DISC	Inconel	16975-18550	1170-1279
P-7072	3/16F DISC	Inconel	17945-19610	1237-1352
P-7074	3/16F DISC	Inconel	18430-20140	1271-1389
P-7080	3/16F DISC	Inconel	19885-21730	1371-1498
P-7082	3/16F DISC	Inconel	20370-22260	1404-1535
P-7084	3/16F DISC	Inconel	20885-22790	1440-1571
P-7086	3/16F DISC	Inconel	21340-23320	1471-1608
P-7088	3/16F DISC	Inconel	21825-23850	1505-1644
P-7094	3/16F DISC	Inconel	23280-25440	1605-1754
P-7096	3/16F DISC	Inconel	24250-26500	1672-1827
P-7098	3/16F DISC	Inconel	24735-27030	1705-1864

Rupture Disc Stock Part List - 1/4 Angle Disc

Part Number	Description	Material	Pressure Range (psi)	Pressure Range (bar)
P-7301	1/4A DISC	Inconel	970-1060	67-73
P-7303	1/4A DISC	Inconel	1164-1272	80-88
P-7305	1/4A DISC	Inconel	1445-1590	100-110
P-7307	1/4A DISC	Inconel	1697-1855	117-128
P-7309	1/4A DISC	Inconel	1940-2120	134-146
P-7311	1/4A DISC	Inconel	2425-2650	167-183
P-7313	1/4A DISC	Inconel	2910-3180	201-219
P-7315	1/4A DISC	Inconel	3395-3710	234-256
P-7317	1/4A DISC	Inconel	3880-4240	268-292
P-7319	1/4A DISC	Inconel	4365-4770	301-329
P-7321	1/4A DISC	Inconel	4850-5300	334-365
P-7323	1/4A DISC	Inconel	5335-5830	368-402
P-7325	1/4A DISC	Inconel	5820-6360	401-438
P-7327	1/4A DISC	Inconel	6305-6890	435-475
P-7329	1/4A DISC	Inconel	6790-7420	468-512
P-7331	1/4A DISC	Inconel	7275-7950	502-548
P-7333	1/4A DISC	Inconel	7760-8480	535-585
P-7335	1/4A DISC	Inconel	8245-9010	568-621
P-7337	1/4A DISC	Inconel	8730-9540	602-658
P-7339	1/4A DISC	Inconel	9215-10070	635-694
P-7341	1/4A DISC	Inconel	9700-10600	669-731
P-7343	1/4A DISC	Inconel	10185-11130	702-767
P-7345	1/4A DISC	Inconel	10670-11660	736-804
P-7347	1/4A DISC	Inconel	11155-12190	769-841
P-7349	1/4A DISC	Inconel	11640-12720	803-877
P-7351	1/4A DISC	Inconel	12125-13250	836-914
P-7353	1/4A DISC	Inconel	12610-13780	869-950
P-7355	1/4A DISC	Inconel	13095-14310	903-987
P-7357	1/4A DISC	Inconel	13580-14840	936-1023
P-7361	1/4A DISC	Inconel	14550-15900	1003-1096
P-7363	1/4A DISC	Inconel	15035-16430	1037-1133
P-7365	1/4A DISC	Inconel	15520-16960	1070-1169
P-7367	1/4A DISC	Inconel	16005-17490	1103-1206
P-7369	1/4A DISC	Inconel	16490-18020	1137-1242
P-7371	1/4A DISC	Inconel	16975-18550	1170-1279
P-7373	1/4A DISC	Inconel	17460-19080	1204-1315
P-7375	1/4A DISC	Inconel	17945-19610	1237-1352
P-7377	1/4A DISC	Inconel	18915-20670	1304-1425
P-7379	1/4A DISC	Inconel	19400-21200	1338-1462
P-7381	1/4A DISC	Inconel	19885-21730	1371-1498
P-7382	1/4A DISC	Inconel	21000-22000	1448-1517
P-7383	1/4A DISC	Inconel	21825-23850	1505-1644
P-7385	1/4A DISC	Inconel	24250-26500	1672-1827

Rupture Disc Stock Part List - 1/4 Angle Disc - con't

Part Number	Description	Material	Pressure Range (psi)	Pressure Range (bar)
P-7387	1/4A DISC	Inconel	25220-27560	1739-1900
P-7389	1/4A DISC	Inconel	26190-28620	1806-1973
P-7391	1/4A DISC	Inconel	27160-29680	1873-2046
P-7393	1/4A DISC	Inconel	29100-31800	2006-2192
P-7395	1/4A DISC	Inconel	30070-32860	2073-2266
P-7397	1/4A DISC	Inconel	31525-34450	2174-2375
P-7399	1/4A DISC	Inconel	33950-37100	2341-2558
P-7401	1/4A DISC	Inconel	36375-39750	2508-2741
P-7403	1/4A DISC	Inconel	38880-42400	2681-2923
P-7405	1/4A DISC	Inconel	41255-45050	2844-3106
P-7407	1/4A DISC	Inconel	43650-47700	3010-3289
P-7409	1/4A DISC	Inconel	48500-53000	3344-3654
P-7411	1/4A DISC	Inconel	53350-58300	3678-4020
P-7413	1/4A DISC	Inconel	58200-63600	4013-4385
P-7415	1/4A DISC	Inconel	62155-66000	4285-4550
P-7417	1/4A DISC	Inconel	65960-72080	4548-4970
P-7419	1/4A DISC	Inconel	68870-75260	4748-5189

Rupture Disc Stock Part List - 1/2 Flat Disc

Part Number	Description	Material	Pressure Range (psi)	Pressure Range (bar)
P-7601	1/2F DISC	Inconel	485-530	33-37
P-7603	1/2F DISC	Inconel	679-742	47-51
P-7605	1/2F DISC	Inconel	727-795	50-55
P-7607	1/2F DISC	Inconel	873-954	60-73
P-7609	1/2F DISC	Inconel	970-1060	67-75
P-7610	1/2F DISC	Inconel	1006-1100	69-76
P-7611	1/2F DISC	Inconel	1164-1272	80-88
P-7613	1/2F DISC	Inconel	1213-1323	84-91
P-7615	1/2F DISC	Inconel	1358-1484	94-102
P-7617	1/2F DISC	Inconel	1455-1590	100-110
P-7619	1/2F DISC	Inconel	1552-1696	107-117
P-7621	1/2F DISC	Inconel	1697-1855	117-128
P-7623	1/2F DISC	Inconel	1746-1908	120-132
P-7625	1/2F DISC	Inconel	1940-2120	134-146
P-7627	1/2F DISC	Inconel	2183-2385	151-164
P-7629	1/2F DISC	Inconel	2271-2438	157-168
P-7631	1/2F DISC	Inconel	2425-2650	167-183
P-7633	1/2F DISC	Inconel	2619-2862	181-197
P-7635	1/2F DISC	Inconel	2716-2968	187-204
P-7637	1/2F DISC	Inconel	2910-3180	201-219
P-7639	1/2F DISC	Inconel	3104-3392	214-234
P-7641	1/2F DISC	Inconel	3395-3710	234-256
P-7643	1/2F DISC	Inconel	3589-3922	247-270
P-7645	1/2F DISC	Inconel	3637-3975	251-274
P-7647	1/2F DISC	Inconel	3880-4240	268-292
P-7649	1/2F DISC	Inconel	4365-4770	301-329
P-7651	1/2F DISC	Inconel	4462-4876	308-336
P-7653	1/2F DISC	Inconel	4850-5300	334-365
P-7655	1/2F DISC	Inconel	5335-5830	368-402
P-7657	1/2F DISC	Inconel	5626-6148	388-424
P-7659	1/2F DISC	Inconel	5820-6360	401-438
P-7661	1/2F DISC	Inconel	6305-6890	435-475
P-7663	1/2F DISC	Inconel	6790-7420	468-512
P-7665	1/2F DISC	Inconel	7275-7950	502-548
P-7667	1/2F DISC	Inconel	7760-8480	535-585
P-7669	1/2F DISC	Inconel	8245-9010	568-621
P-7671	1/2F DISC	Inconel	8730-9540	602-658
P-7673	1/2F DISC	Inconel	9700-10600	669-731