

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

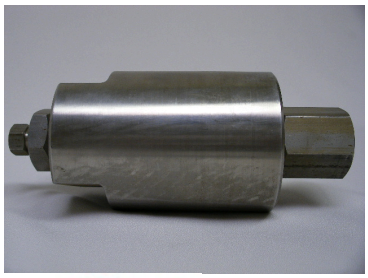
Expert team | Trust guarantee | 100% satisfaction

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Newport Scientific, Inc. *formerly Aminco*
8246-E Sandy Court || Jessup, Maryland 20794 || 301-498-6700

- BLOWOUT RUPTURE DISC ASSEMBLIES



Superpressure

BLOW OUT RUPTURE DISC ASSEMBLIES

These simple, pipe

exhaust blowout assemblies

are used for passing fluids through piping into a manifold of outdoors. They may be mounted anywhere in a high-pressure system to blow out when the pressure reaches a predetermined value. Blowout assemblies are furnished with the necessary gland nuts and sleeves of 416 stainless steel. The disc will be supplied to rupture at any desired pressure from 700 to 100,000 psi.

Several factors may affect the bursting pressure of any disc. Corrosion, elevated temperatures, and fatigue may weaken a disc and cause it to fail prematurely. Also, sudden shock pressure will rupture a disc below its rated pressure.

The discs are available in

stainless steel, nickel, or bronze

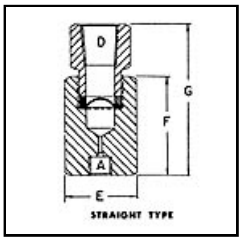
. The assemblies listed are supplied with couplings.

IMPORTANT WHEN ORDERING RUPTURE DISCS:
1. Discs must be ordered separately.
2. Be sure to specify the release pressure desired, allowing an overpressure of 25% or 50%.

NOTE: Standard discs may not be exposed to temperatures above 72° F for maximum burst rating; however, rupture discs may be prorated for service at elevated temperatures. Consult us for further details. The torque required to seal and hold the disc is approximately 250-ft-lb. A list of current rupture discs will be sent on request.

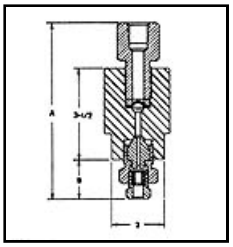
FOR PRESSURES OF 700 TO 22,500 psi (DISC DIAMETER 1")

BODIES OF 316 STAINLESS STEEL						
CATALOG NUMBER	TYPE	A-B-C*	D	E	F	G
45-19104	STRAIGHT TYPE	1/4 HP	1/2	1 1/2 HEX	2 1/2	3 3/4
45-19110		9/16 HP	1/2	1 1/2 HEX	2 1/2	3 3/4



FOR PRESSURES OF 22,500 TO 60,000 PSI (DISC DIAMETER .9)

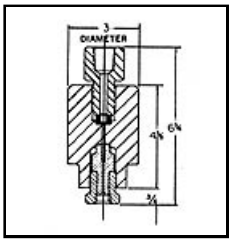
STRAIGHT-TYPE BLOWOUT ASSEMBLY			
CATALOG NUMBER	TUBING*	A (IN.)	B (IN.)
45-19160-1 45-19160-3	9/16 HP 1/4 HP	6 6 3/8	3/4 1 3/8



NOTE: Tubing Connection, 9/16 HP. For use with 1/4 inch o.d. Superpressure Tubing Reducer Bushing 45-11453, is included. Exhaust Opening, 1/2 inch NPT. Body-410 stainless steel.

FOR PRESSURES OF 60,000 TO 100,000 PSI (DISC DIAMETER .687)

Straight-Type Blowout Assembly 45-19192-1
Bushing Installed for Connection to 1/4 Inch HP
Exhaust Opening is 1/2 Inch NPT.
Bodies of 410 Stainless Steel



SPECIFICATIONS AND ORDER INFORMATION

Catalog Number	Product Name	Product Description	Add To Cart
45-19104	1" Disc Diameter Rupture Disc 700 PSI to 22,500 PSI	Bodies of 316SS, 1/4 HP	Add To Cart
45-19110	1" Disc Diameter Rupture Disc Blow Out Assy 700 PSI to 22,500 PSI	Bodies of 316SS, 9/16 HP	Add To Cart
45-19160-1	.9" Disc Diameter Straight Type Blowout Assembly Rupture Disc-22.5K PSI - 60K PSI	Bodies of 410SS, 9/16 HP	Add To Cart
45-19160-3	.9" Disc Diameter Straight Type Blowout Assembly Rupture Disc-22.5K PSI - 60K PSI	Bodies of 410SS, 1/4 HP	Add To Cart
45-19192-1	.687" Disc Diameter Straight Type Blowout Assembly Rupture Disc-60K - 100K PSI	Bodies of 410SS, 1/4 HP	Add To Cart

Additional Ordering Information
Create RFQ Manually

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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