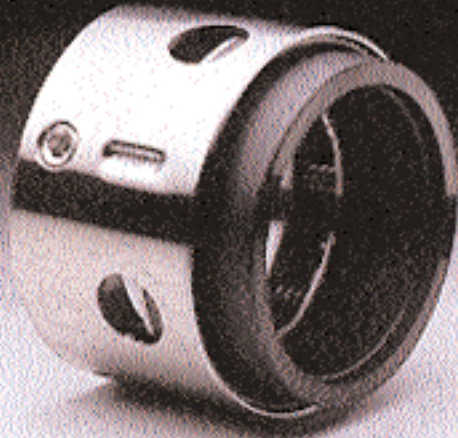
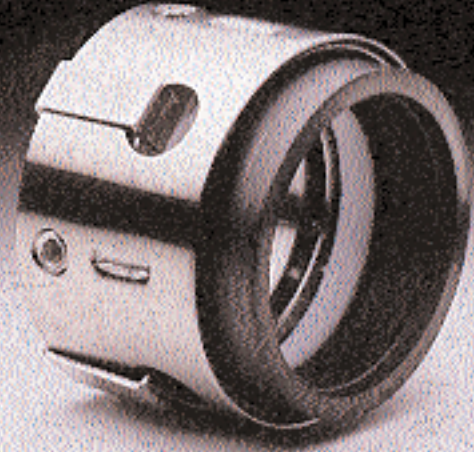


Type 8T



Type 9T



The 8T seals feature O-ring secondary sealing elements. For applications with more demanding requirements than elastomeric sealing members, the Type 9T utilizes TFE.

Both the 8T and 9T seal feature positive drive by the use of two or more set screws which transmit shaft torque directly to the primary sealing faces which have been precision lapped smooth within 3 light bands to assure positive sealing.

The seals are constructed for ease of assembly, disassembly, and the prevention of loose component part damage. The unitizing snap ring can be easily removed allowing either conversion from one seal type to another or field repair of seal from our large stock of component parts. Narrow cross section and compact length allows use in all pump stuffing boxes.

Standard construction is 316 S.S. metal components, Hastelloy C springs and high-grade carbon graphite primary ring. Special materials are available to meet more demanding applications. Available in cartridge form. Consult Pac-Seal Engineering for recommendations regarding your specific application.

TYPE 8

Applications:

Effective for industrial fluids, chemicals, light hydrocarbons, corrosives and high pressure liquids and gasses.

Operating Limits:

Pressure	= 350 psig/24 barg
	= 500 psig/34 barg (Balanced design)
Speed	= Up to 5,000 fpm/25 ms
Temperature	= -40°F to +500°F
	= -40°C to +260°C

TYPE 9

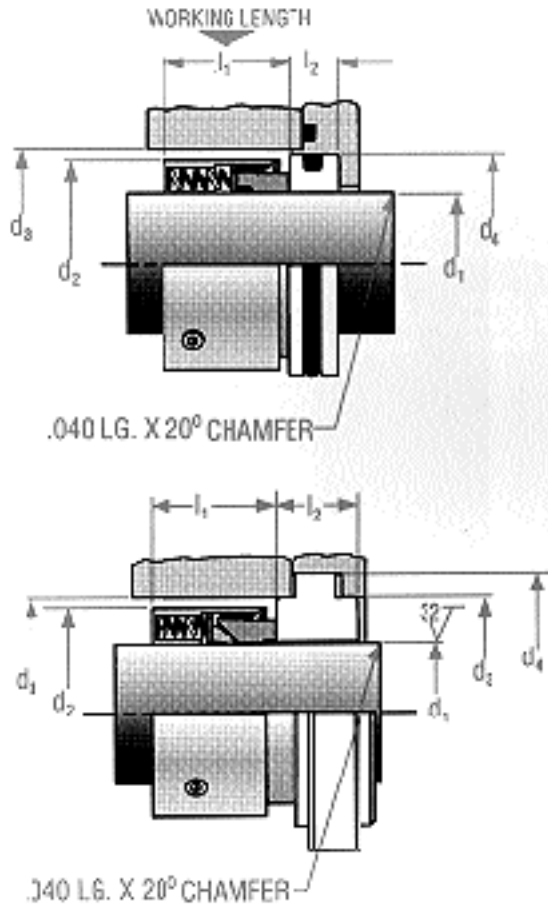
Applications:

Effective for extreme service applications with all liquid and gasses, industrial chemicals and corrosives including: sulphuric, nitric, phosphoric and hydrochloric acids.

Operating Limits:

Pressure	= 350 psig/24 barg
	= 750 psig/52 barg (Balanced design)
Speed	= Up to 5,000 fpm/25 ms
Temperature	= -350°F to +500°F
	= -215°C to +260°C

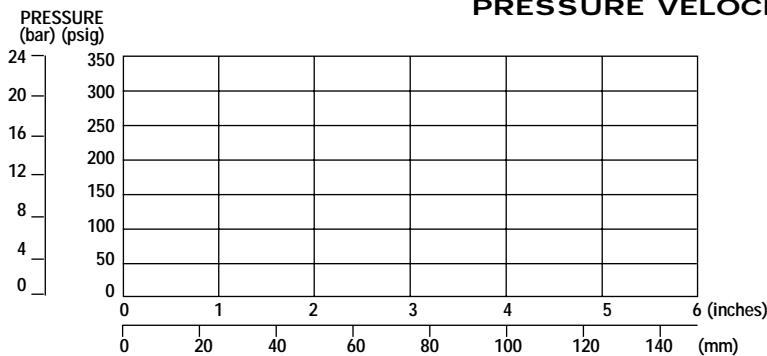
STYLE 8T-800002
STYLE 9T-800002



All Dimensions in Inches

d1	d2	d3	d4	d5	l1	l2	l3
.500	.937	1.062	1.468	1.000	.937	.812	.312
.625	1.062	1.187	1.593	1.250	.937	.812	.406
.750	1.187	1.312	1.718	1.375	.937	.812	.406
.875	1.312	1.437	1.843	1.500	.937	.812	.406
1.000	1.437	1.562	1.968	1.625	1.000	.812	.437
1.125	1.562	1.687	2.093	1.750	1.000	.812	.437
1.250	1.687	1.812	2.218	1.875	1.000	.812	.437
1.375	1.937	2.062	2.593	2.000	1.375	.875	.437
1.500	1.937	2.062	2.593	2.125	1.125	.875	.437
1.625	2.250	2.375	2.906	2.375	1.156	.875	.500
1.750	2.312	2.437	2.968	2.500	1.375	.875	.500
1.875	2.500	2.625	3.156	2.625	1.375	.875	.500
2.000	2.625	2.750	3.406	2.750	1.375	1.000	.500
2.125	2.812	2.937	3.593	3.000	1.687	1.000	.562
2.250	2.843	2.968	3.625	3.125	1.375	1.000	.562
2.375	3.000	3.125	3.781	3.250	1.687	1.000	.562
2.500	3.125	3.250	3.906	3.375	1.375	1.000	.562
2.625	3.250	3.375	4.031	3.375	1.687	1.000	.625
2.750	3.375	3.500	4.156	3.500	1.687	1.000	.625
2.875	3.500	3.625	4.281	3.750	1.687	1.000	.625
3.000	3.625	3.750	4.406	3.875	1.687	1.000	.625
3.125	3.750	3.875	4.531	4.000	1.687	1.000	.781
3.250	3.875	4.000	4.656	4.125	1.687	1.000	.781
3.375	4.000	4.125	4.781	4.250	1.687	1.000	.781
3.500	4.125	4.250	4.906	4.375	1.687	1.000	.781
3.625	4.250	4.375	5.031	4.500	1.687	1.000	.781
3.750	4.375	4.500	5.156	4.625	1.687	1.000	.781
3.875	4.500	4.625	5.281	4.750	1.687	1.000	.781
4.000	4.625	4.750	5.406	4.875	1.687	1.000	.781

PRESSURE VELOCITY LIMITS



CARBON VS.

- TUNGSTEN CARBIDE OR SILICON CARBIDE (1800 RPM) —————
- TUNGSTEN CARBIDE OR SILICON CARBIDE (3600 RPM) ··········
- ALUMINA CERAMIC OR NI-RESIST (1800 RPM) - - - - -
- ALUMINA CERAMIC OR NI-RESIST (3600 RPM) - · - · - ·

Consult PAC-SEAL Engineering if operating conditions exceed shown PV limits.

AVAILABLE MATERIALS

Seal Ring	Mating Ring Seat	Elastomer	Metal Components
Carbon	Ceramic	Buna (FDA & U.L.)	302/304 Stainless
Tungsten Carbide	Tungsten Carbide	Viton	316 Stainless
Silicon Carbide	Silicon Carbide	EPT	Monel
		Neoprene	Hastelloy C
		AFLAS	
		TFE	

TEMPERATURE LIMITS FOR ELASTOMERS

