

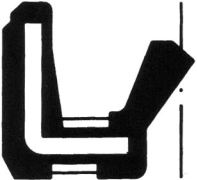

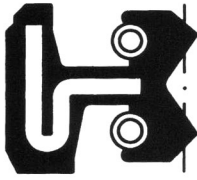


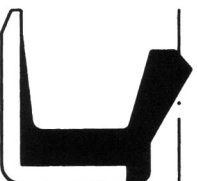
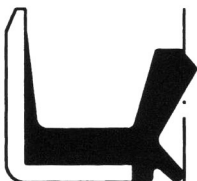
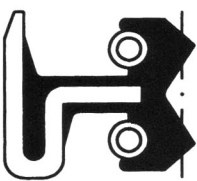

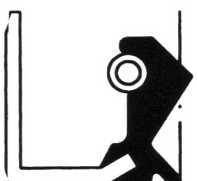
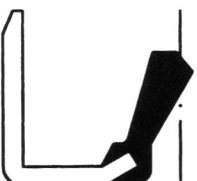

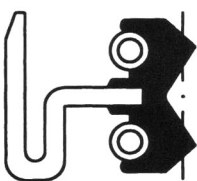


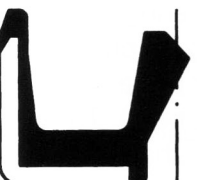
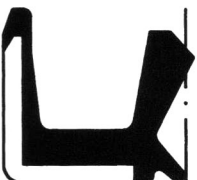
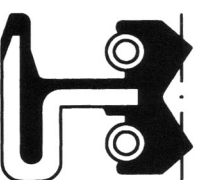

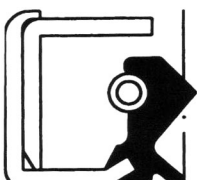
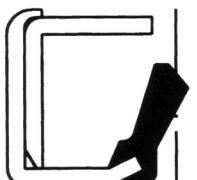

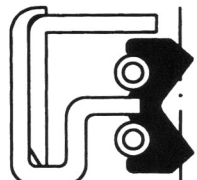

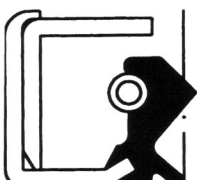
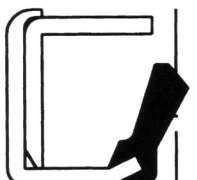

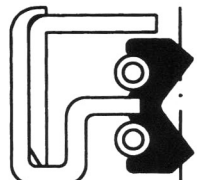


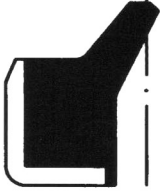
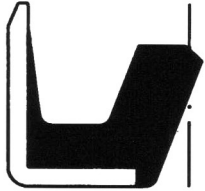
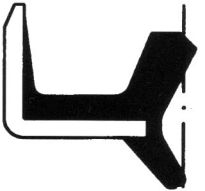
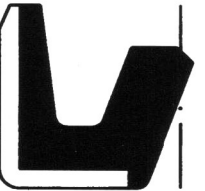
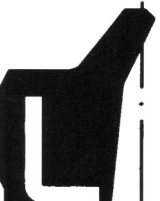


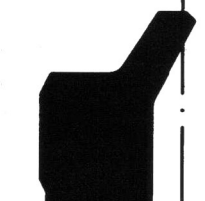


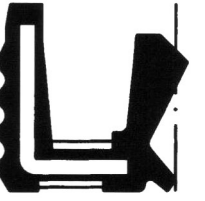



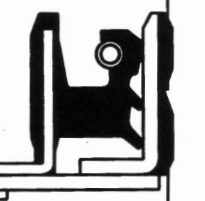
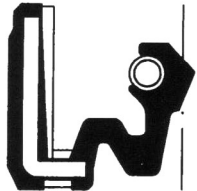

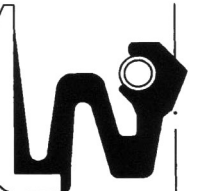
Note: Metal O.D. seals are supplied standard as stamped. In most cases, metal O.D. seals could be supplied with painted or ground O.D.'s.

### LIP STYLE

	S Single Lip	T Double Lip	V Single Lip (w/o spring)	K Double Lip (w/o spring)	D Two Spring Lips
Type C	 SC	 TC	 VC	 KC	 DC
Type B	 SB	 TB	 VB	 KB	 DB
	 SB2	 TB2	 VB2	 KB2	 DB2
	 SBR	 TBR	 VBR	 KBR	 DBR
	 SA2	 TA2	 VA2	 KA2	 DA2
Type A2	 SA2	 TA2	 VA2	 KA2	 DA2

### CASE AND O.D. STRUCTURE

CASE AND O.D. STRUCTURE

		LIP STYLE				
		OTHER DESIGNS				
WIPER SEAL					<p><i>The wiper series is used primarily in reciprocating applications as a dirt excluder. Our most popular wiper is the WPB style. The WPB series is normally produced with a ground O.D. and 90-durometer nitrile material.</i></p> <p><i>The W series is used in applications subject to wide variances in thermal expansion or for press fitting into a housing where installation is difficult.</i></p> <p><i>The agricultural designs are multi-lipped pre-lubed seals used in conjunction with wear sleeves to prevent dirt from entering the system.</i></p> <p><i>This series is to be used for large shaft to bore misalignment or excessive dynamic run-out.</i></p>	
		GA	WPB	DKB		DWI
TYPE W						
		GC	WPC	DKC		DSI
AGRICULTURE						
		SCW	TCW	VCW		KCW
AGRICULTURE						
		QA	QLF	TCFY		TCFA
						
	SCE	TCE	SBE	TBE		

**LIP STYLE**

**OTHER DESIGNS**

**Type O**

OSC	OTC	OVC	OKC
OSB	OTB	OVB	OKB
OSA	OTA	OVA	OKA

*The O design is for applications where the bore turns and the shaft is stationary.*


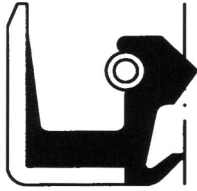

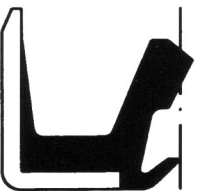



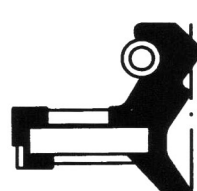
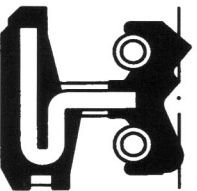

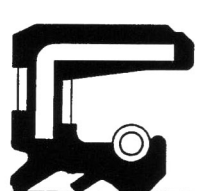

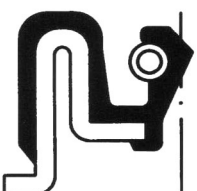

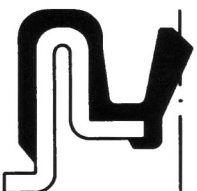
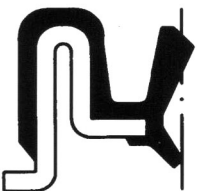

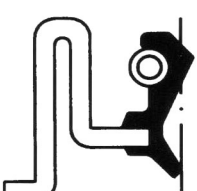
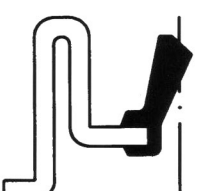
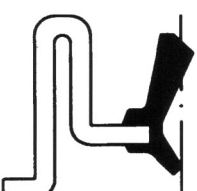
**SPECIAL STRUCTURES**

**PRESSURE DESIGN**

TCJ	SCT	SCYT	TAFM
TCV	TCP	TCHP	TCN













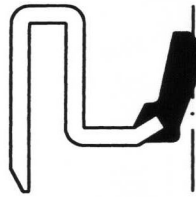
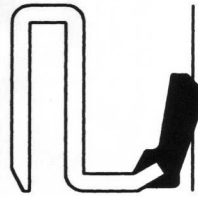
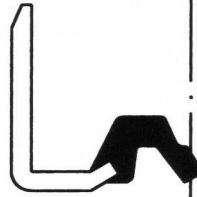

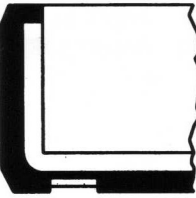
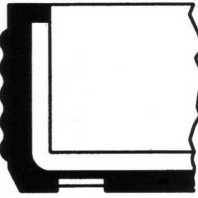
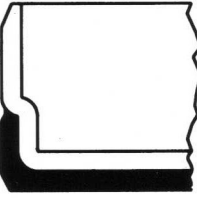
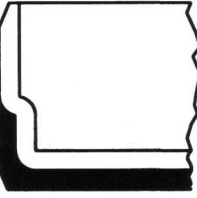
*The pressure seals are used in applications where pressure may range up to 1,422 PSI.*

CASE AND O.D. STRUCTURE

OTHER DESIGNS					
Type 3	 TC3	 TB3	 TA3	 KB3	<i>The Type 3 design has a grease cavity and will allow for pre-lubrication of the seal. The secondary lip will also allow for dirt exclusion.</i>
Type 4	 TC4	 TB4	 TC4L	 TC4P	<i>The Type 4 design is used for linear applications.</i>
	 DC4	 DC4Y	 TC42 (rotary)	 TC40 (rotary)	
	 SC5	 TC5	 VC5	 KC5	
Type 5	 SB5	 TB5	 VB5	 KB5	<i>The Type 5 design is designed for applications where additional rigidity is needed and restricts the installation depth into the housing.</i>

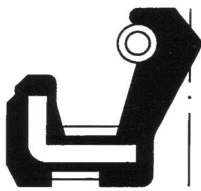

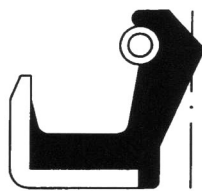
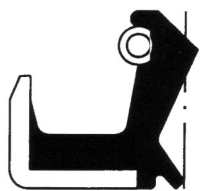
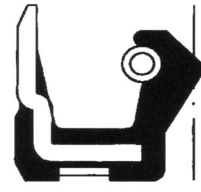

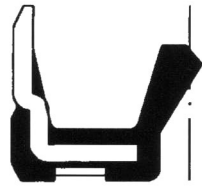


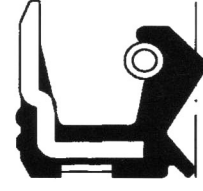
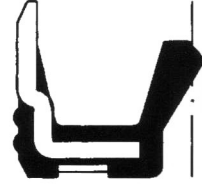


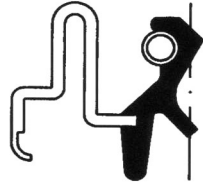




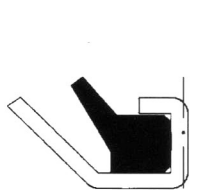
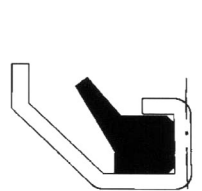
LIP STYLE

CASE AND O.D. STRUCTURE

Type 6					<p><i>The Type 6 design adds ease of installation and restricts the depth of installation.</i></p>
	SB6	TB6	BV6	KB6	
					
	SA6	TA6	VA6	KA6	
Type 7/9					<p><i>The Type 7/9 design is used in heavy-duty applications where dirt exclusion and outside sealing is required.</i></p>
	TB7	TB7R	TC7	TC9	
Special					<p><i>The Special design allows for easy installation or replacement. It adds rigidity and restricts installation.</i></p>
	VB18	VB21	VB2Y	XICY	
End Cover					<p><i>The End Cover design protects bearings from contaminants.</i></p>
	EC	ECW	VK	VKW	

## LIP STYLE

### CASE AND O.D. STRUCTURE

	LIP STYLE				
Type Y	 SCY	 TCY	 BVY	 KBY	<i>The Type Y design is used for special applications where the seal lip and spring need to extend beyond the case</i>
Type BC	 SBC	 TBC	 VBC	 KBC	<i>Part metal/part rubber combines the installation advantages of rubber with the holding power of metal.</i>
	 SBCW	 TBCW	 VBCW	 KBCW	
Unique Seals	 TB14	 TB31	 TB95	 TA5Y	<i>Various unique seals.</i>
Axial Counterface	 VA	 VS	 R	 9R	<i>Axial Counterface Seals.</i>