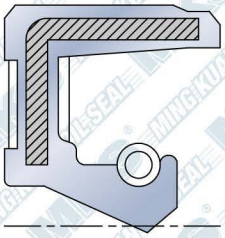
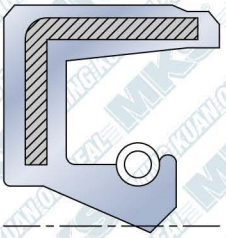
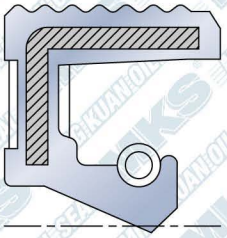
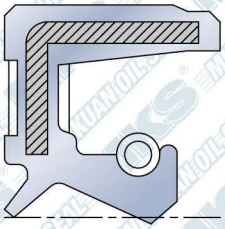
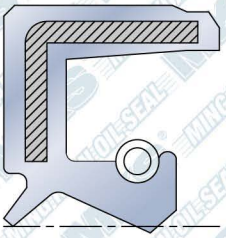
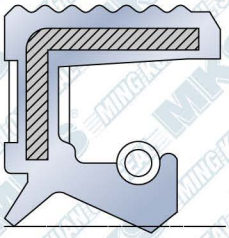
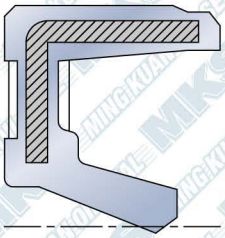
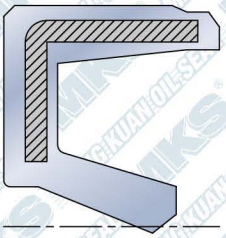
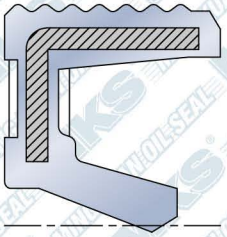
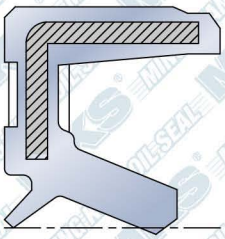
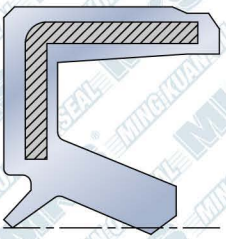
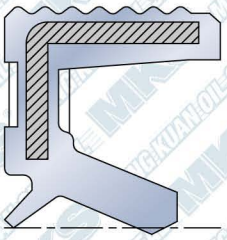
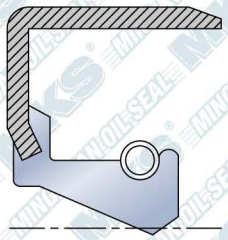
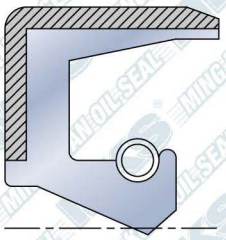
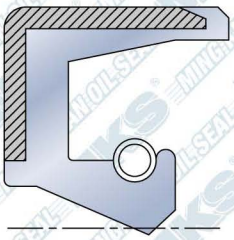
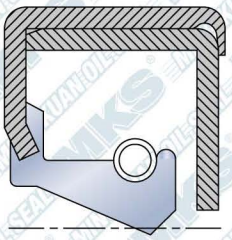
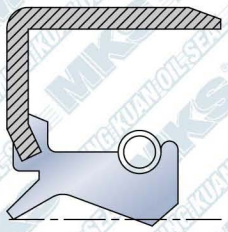
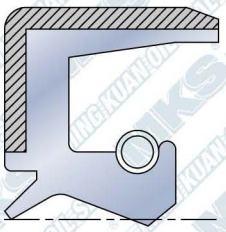
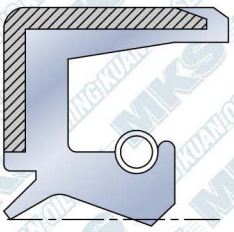
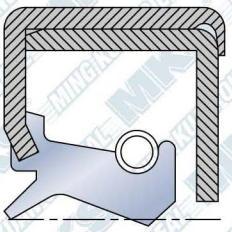
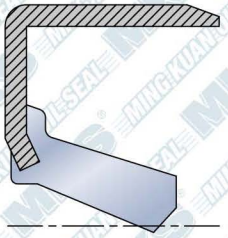
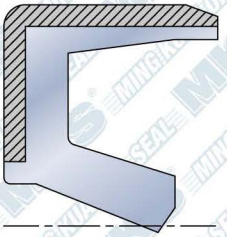
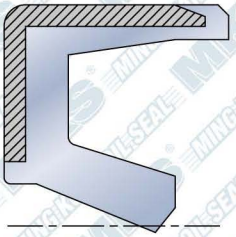
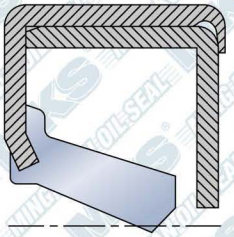
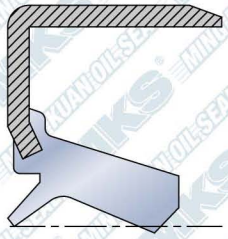
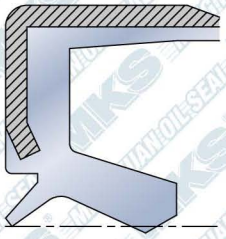
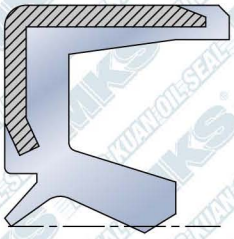
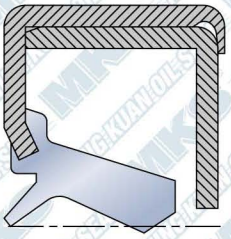
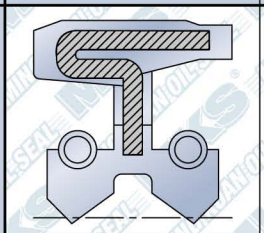
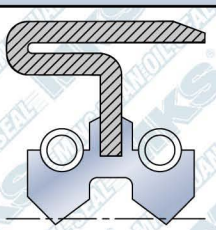
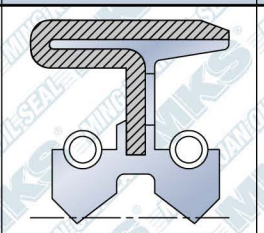
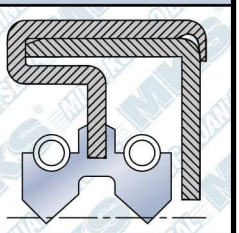
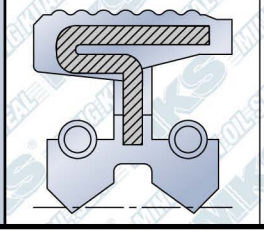
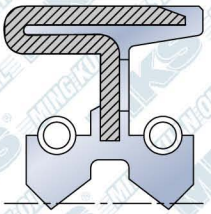
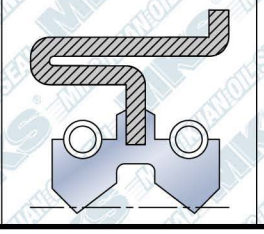
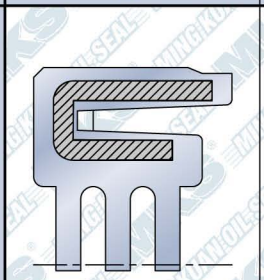
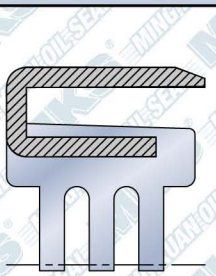
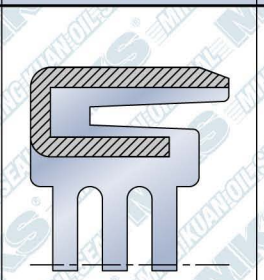
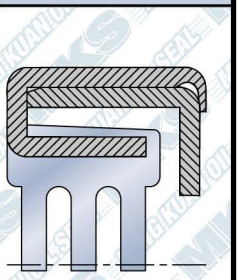
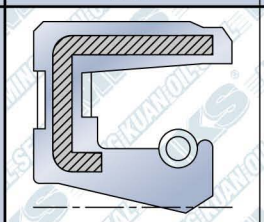
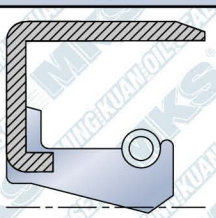
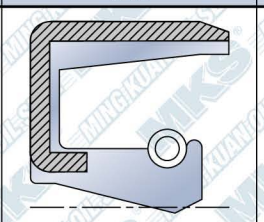
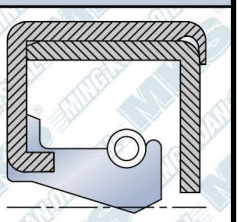
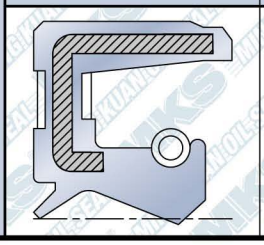
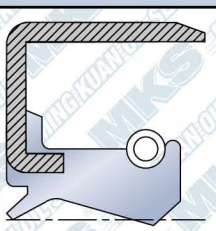
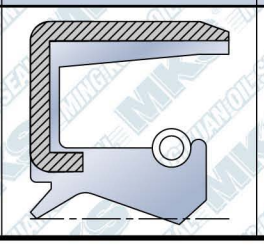
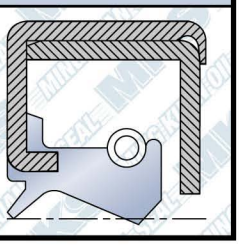
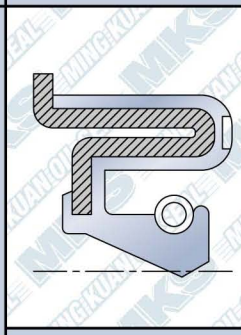
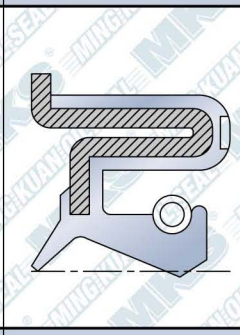
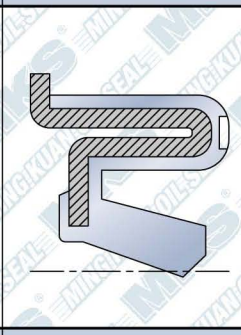
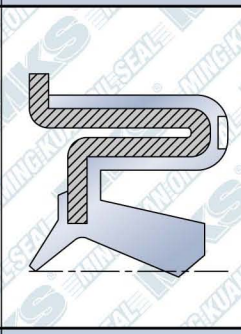
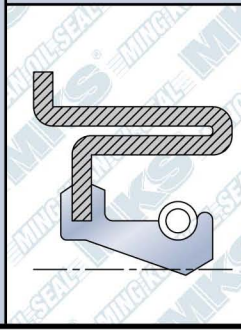
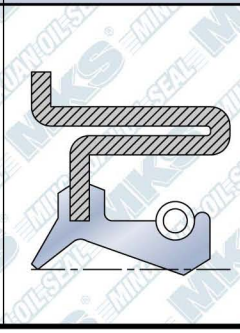
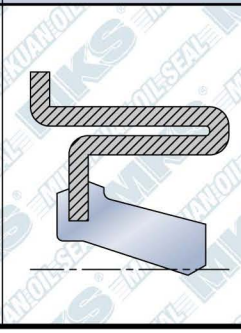
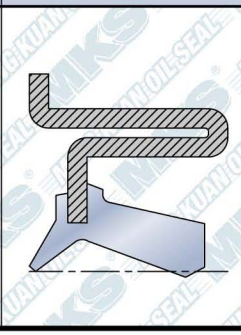
		C	F	G
		Rubber covered O.D. for some large thermal expansion housing especial for aluminum and magnesium housing.	Completely rubber covered for corrosive condition special for FPM material.	Corrugated rubber O.D. for large thermal expansion housing
S	Bonded single lip and spring loaded. General nonpressure fluid sealing applications and severe grease sealing conditions.	SC 	SF 	SG 
T	Bonded double lip and spring loaded. General nonpressure fluid sealing applications and severe grease sealing conditions with light duty exclusion of foreign materials.	TC 	TF 	TG 
V	Bonded single lip, nonspring loaded. Economical design for grease retention or sealing viscous fluid.	VC 	VF 	VG 
K	Bonded double lip, ,nonspring loaded. Economical design for grease retention or sealing viscous fluid with light duty exclusion for foreign material.	KC 	KF 	KG 

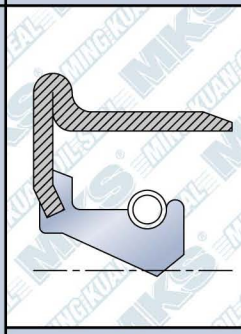
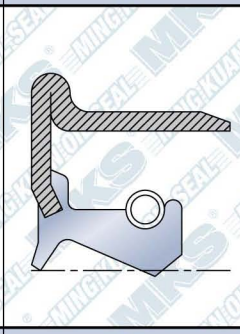
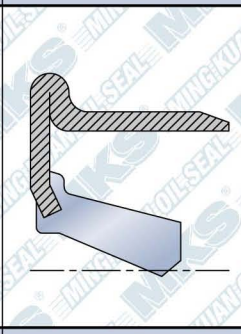
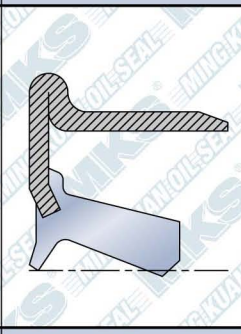
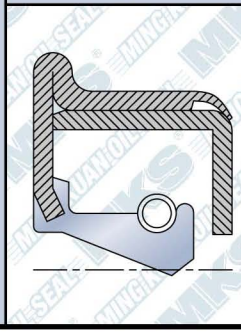
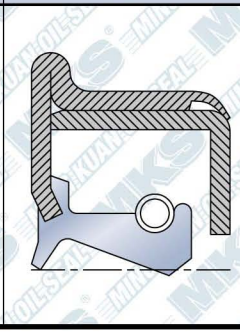
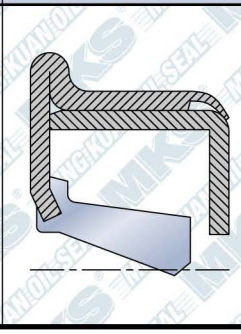
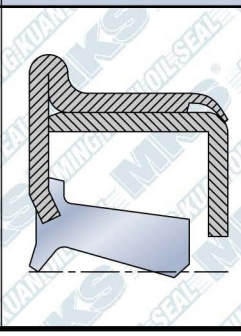
		B	M	Z	A
		Metal case with ground O.D. generally most economical.	Metal ground O.D. with rubber covered completely inside.	Metal ground O.D. with rubber covered completely inside and top surface.	Metal ground O.D. with inner case for greater structural rigidity.
S	Bonded single lip and spring loaded. General nonpressure fluid sealing applications and severe grease sealing conditions.	SB 	SM 	SZ 	SA 
T	Bonded double lip and spring loaded. General nonpressure fluid sealing applications and severe grease sealing conditions with light duty exclusion of foreign materials.	TB 	TM 	TZ 	TA 
V	Bonded single lip, nonspring loaded. Economical design for grease retention or sealing viscous fluid.	VB 	VM 	VZ 	VA 
K	Bonded double lip, ,nonspring loaded. Economical design for grease retention or sealing viscous fluid with light duty exclusion for foreign material.	KB 	KM 	KZ 	KA 

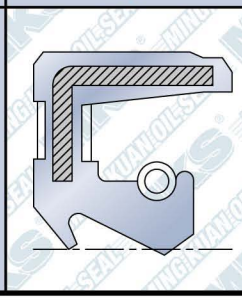
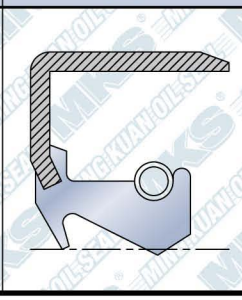
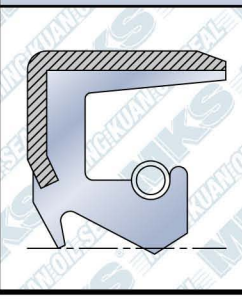
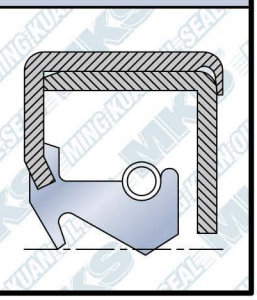
TYPE	DC	DB	DM	DA
Dual lip type **A.** Two garter spring lips. **B.** Applications which require two fluids from each other, e.x. used for separating ATF oil and differential gear oil.				
	DG	DZ	DJ	
				

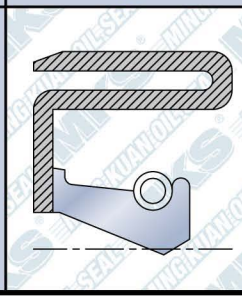
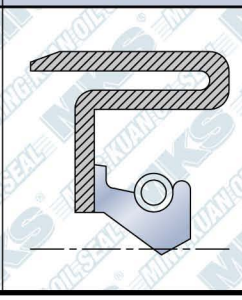
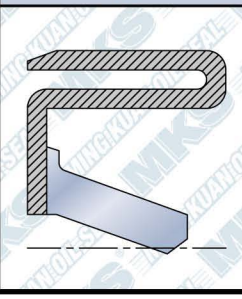
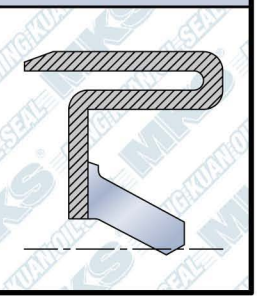
TYPE	UC	UB	UM	UA
Mud sealing lip type **A.** Special design for slow shaft speeds that require positive bearing protection. **B.** Designed for disc harrows and other agricultural implements.				

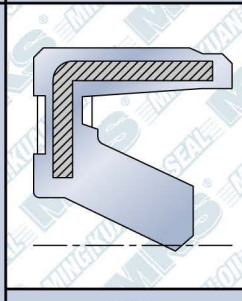
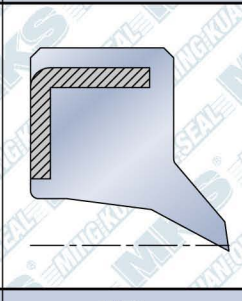
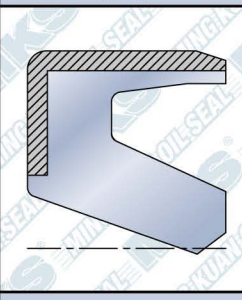
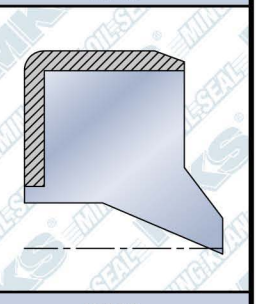
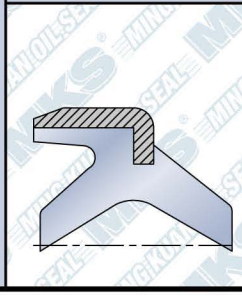
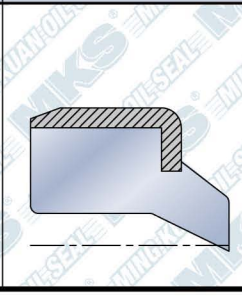
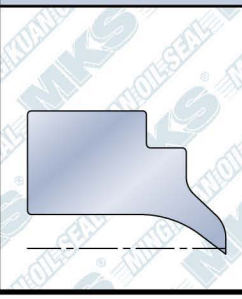
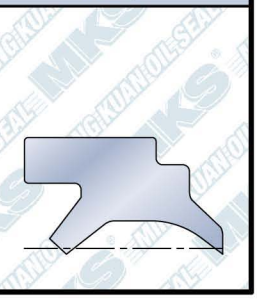
TYPE	SEC	SEB	SEM	SEA
Anti-pressure lip type **A.** Can be used for replacing some mechanical seal. **B.** Ideal for smaller pump and general purpose machinery with pressurized seal cavities. **C.** Pressure range rely on the length and the thickness of the seal flex section.				
	TEC	TEB	TEM	TEA
				

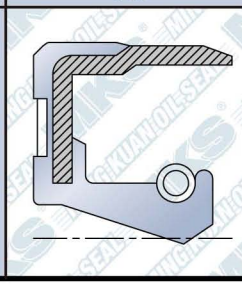
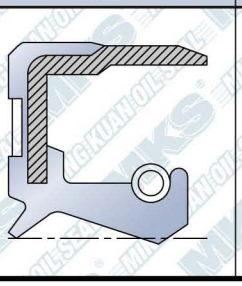
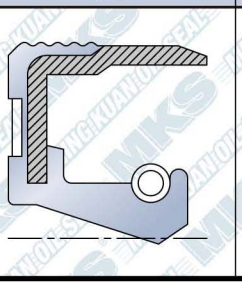
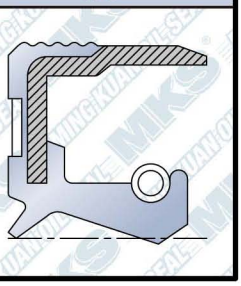
TYPE	SCJ	TCJ	VCJ	KCJ
Flange case type - 1 **A.** Special configuration of outside surface with locating lug (flange) for easily installing and replacing.				
	SBJ	**TBJ**	**VBJ**	**KBJ**
				

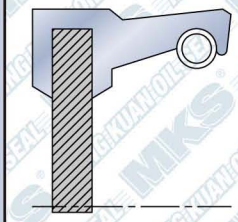
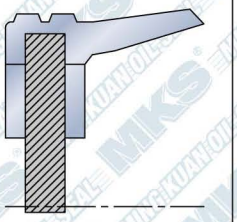
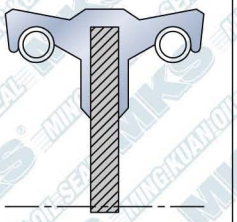
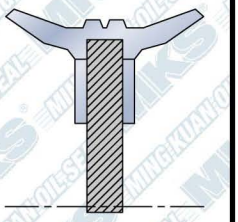
TYPE	SBP	TBP	VBP	KBP
Flange case type - 2 The flange will allow easy installation or replacement and restricts the installation depth into the housing.				
	SAP	**TAP**	**VAP**	**KAP**
				

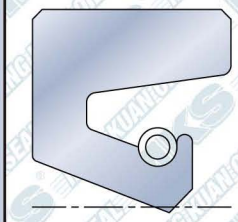
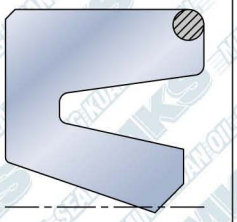
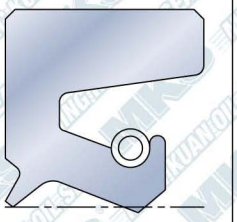
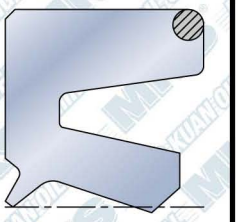
TYPE	TXC	TXB	TXM	TXA
Inwardly bent lip type Inwardly bent lip design for curve alex journal, or special structural.				

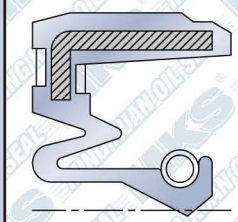
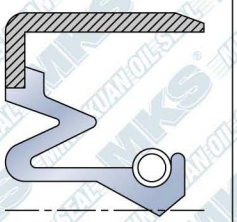
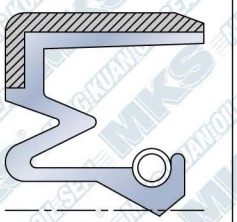
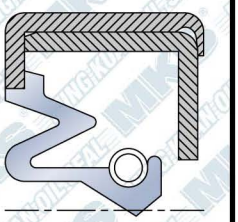
TYPE	SH	SH1	VH	VH1
H type The case design added structural rigidity particularly when there is a large radial seal width. It also allows installation from both sides.				

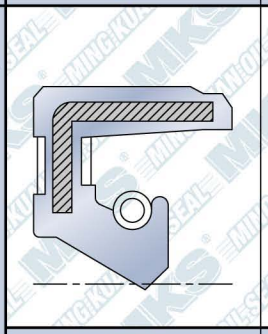
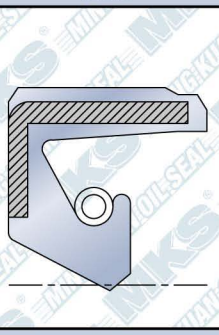
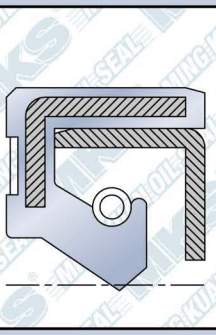
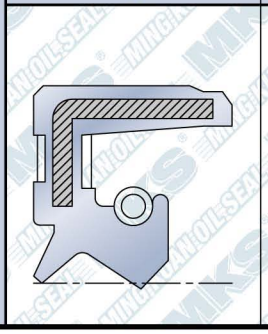
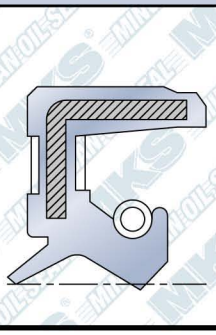
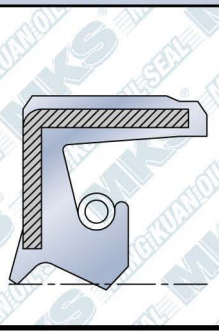
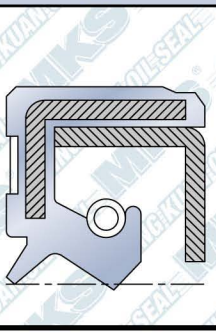
TYPE	WPC	WPR	WPB	WPM
Wiper or scraper seal type **A.** Dust Wiper or scraper for hydraulic or pneumatic cylinder applications. **B.** WPK inner lip scraper oil in and dust lip wiper dust out.				
	WPK	WPV	WP8	WP10
				

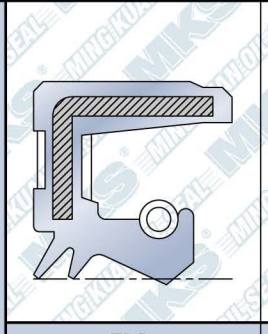
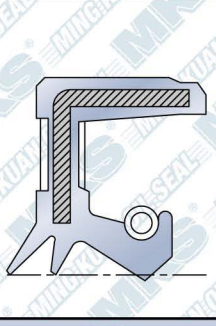
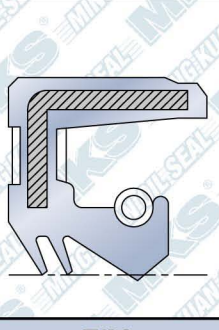
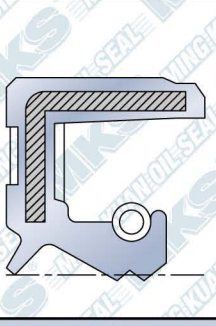
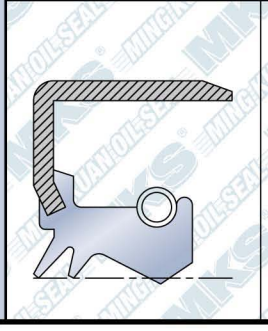
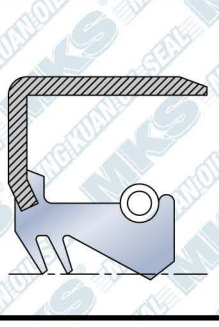
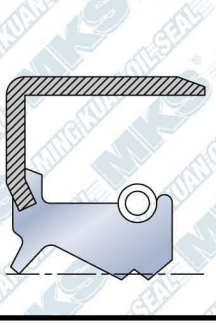
TYPE	SCB	TBC	SBG	TBG
This design provides the benefit of a metal to metal fit and the outside diameter sealing ability of rubber to counter rough of worm housings.				

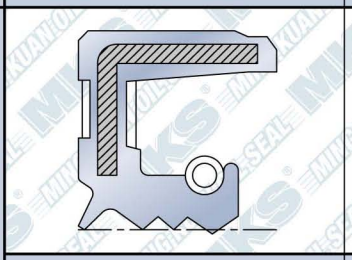
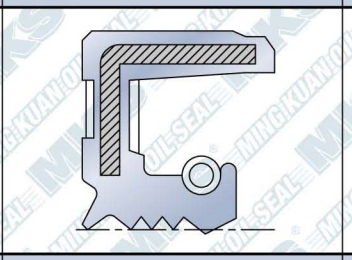
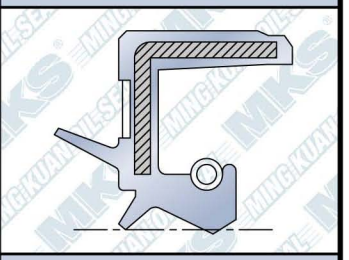
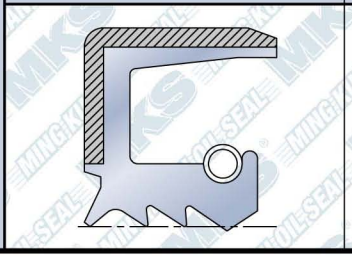
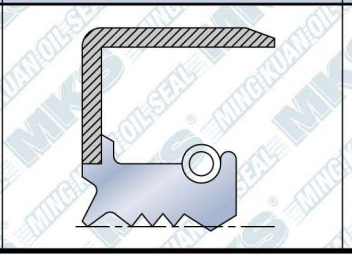
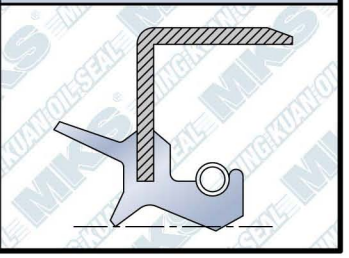
TYPE	PSC	PSV	PDC	PDV
Piston				

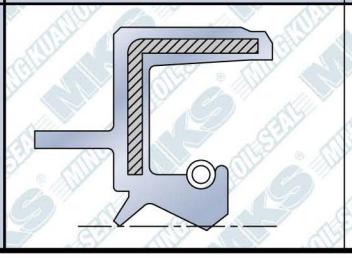
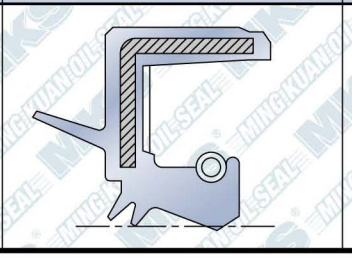
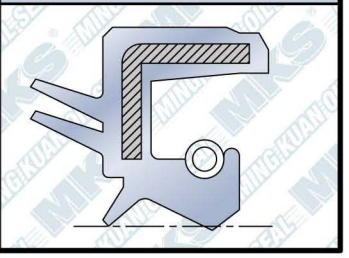
TYPE	SQ	SQS	TQ	TQS
No metal insert or split type				

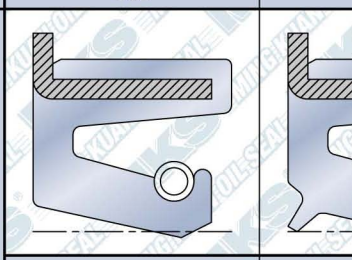
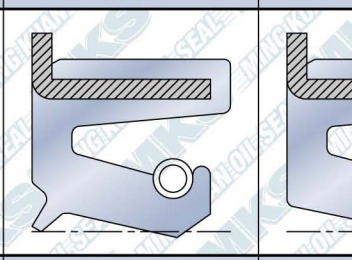
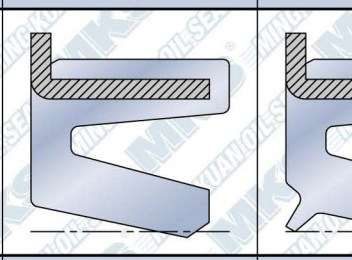
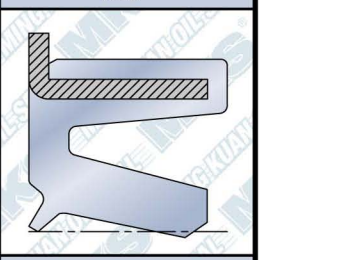
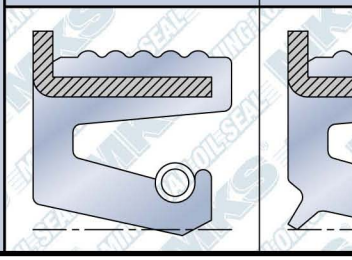
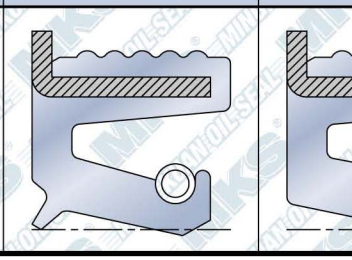
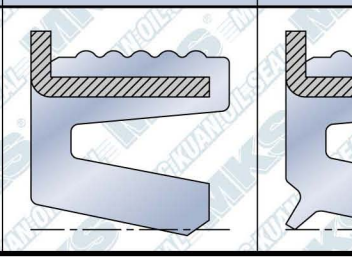
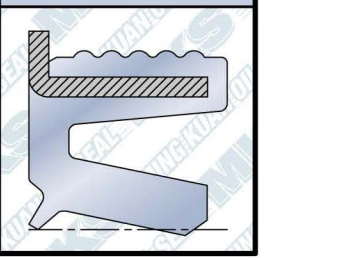
TYPE	SCW	SBW	SMW	SAW
High dynamic eccentricity type A. For high static and dynamic eccentricities. B. For high frequency oscillations.				

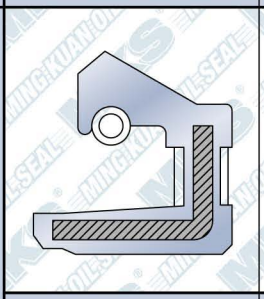
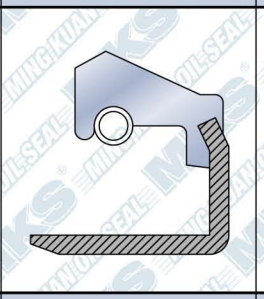
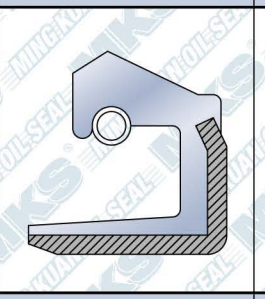
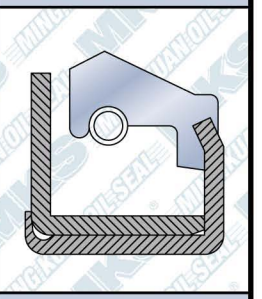
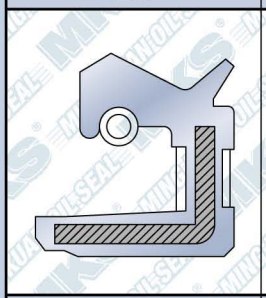
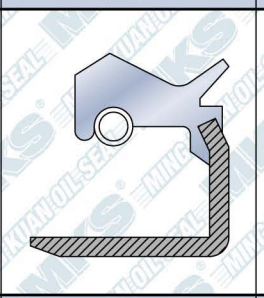
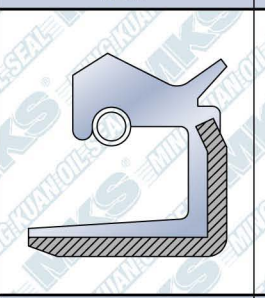
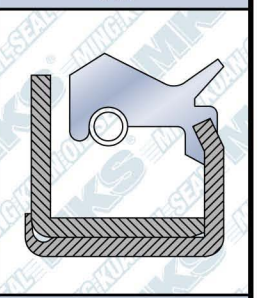
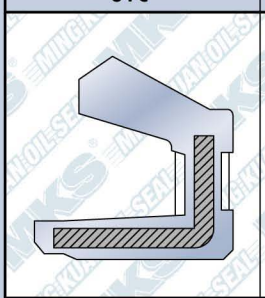
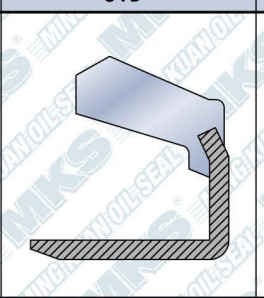
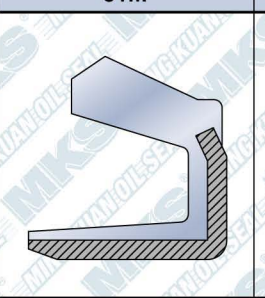
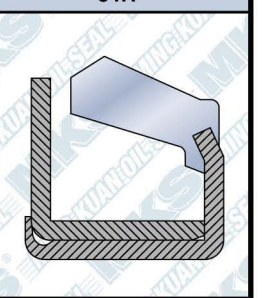
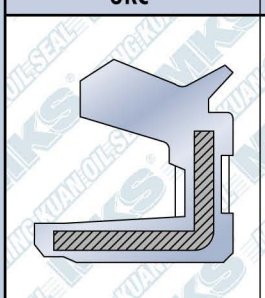
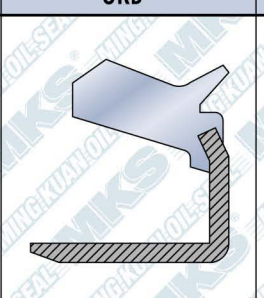
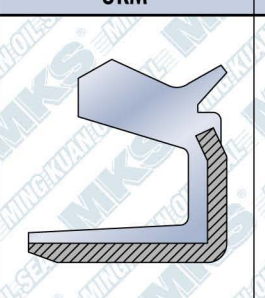
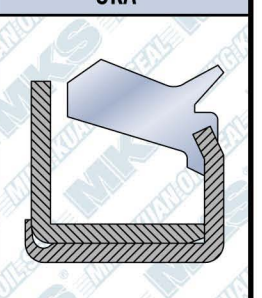
TYPE	SCN		SCN2	SCNA
Anti-pressure lip type **a.**The short flex section makes this series suitable for high pressure applications depending on the shaft speed and runout. **B.** Ideal for smaller pump and general purpose machinery with pressurized seal cavities. **C.** Pressure range rely on the length and the thickness of the seal flex section.				
	TCN	TCN1	TCN2	TCNA
				

TYPE	TC3	TC39	TXC3	TC4
Multiple lip type - 1 **A.** TC3,TB3,TB39, is recommeded for sealing in the presence of excessive dirt and at low RPM. **B.** TC4 design for severe reciprocating shaft applications where oil or oil-water fluid retention is desired.				
	TB3	TB39	TXB3	TB4
				

TYPE	TC6	TC7	TC9
Multiple lip type-2			
	TB6	**TB7**	**TB9**
			

TYPE	TC91	TC92	TC93
Side lip type Side lip generally contact on a vertical mechanical plain to protect foreign matter.			

TYPE	SC5	TC5	VC5	KC5
Flange case type-3				
	SG5	**TG5**	**VG5**	**KG5**
				

TYPE				
External lip type **A.** All types are like general purpose types except external lip. **B.** Especially designed for sealing rotating housing ,e.x. front wheel hubs, etc.	OSC	OSB	OSM	OSA
				
	OTC	OTB	OTM	OTA
				
	OVC	OVB	OVM	OVA
				
	OKC	OKB	OKM	OKA
				
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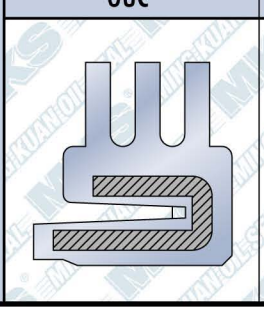
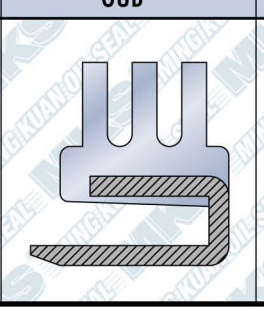
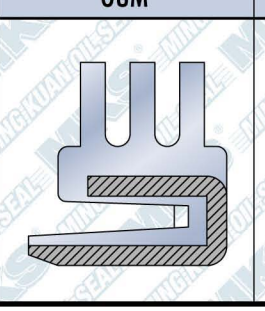
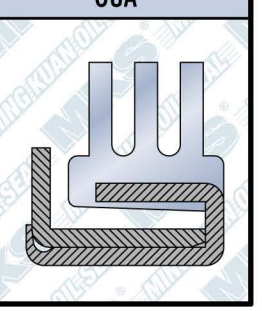
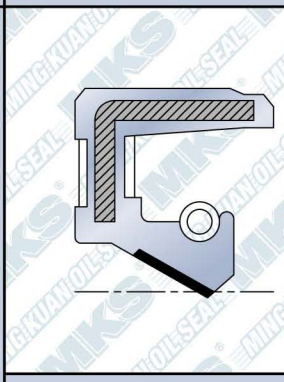
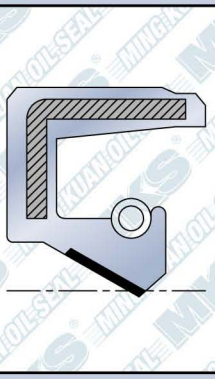
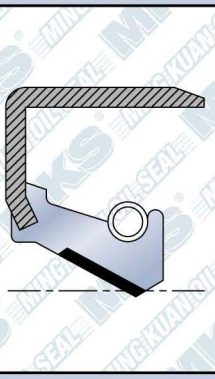
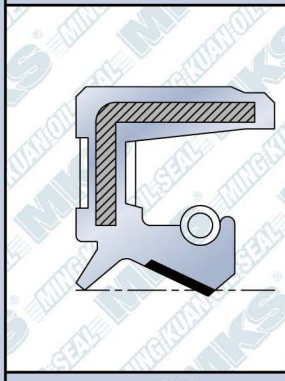
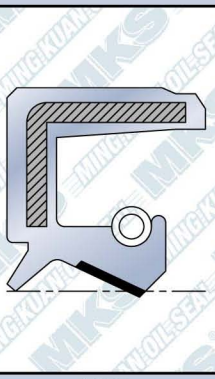
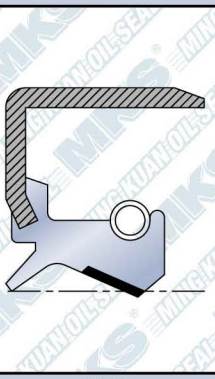
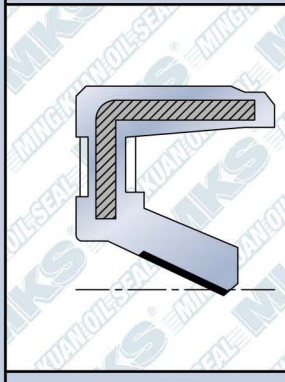
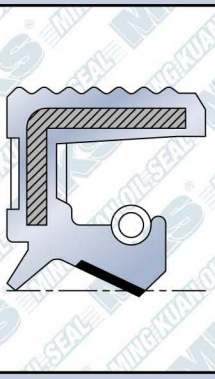
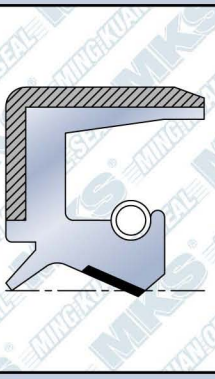
				

TYPE	SC-T	SF-T	SB-T
PTFE lip type **A.** PTFE sealing lip for sealing agressive media and sealing areas under high thermal stress.			
	TC-T	TF-T	TB-T
			
	VC-T	TG-T	TM-T
			
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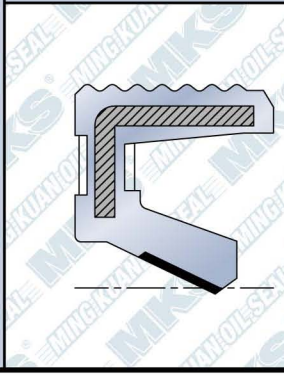
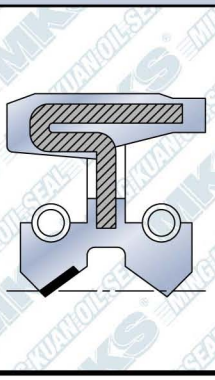
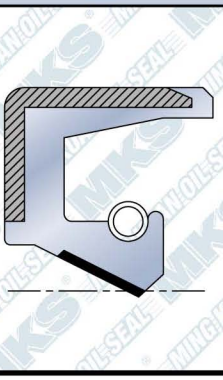
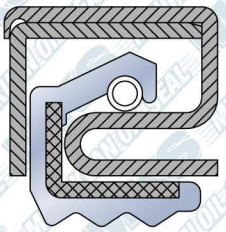
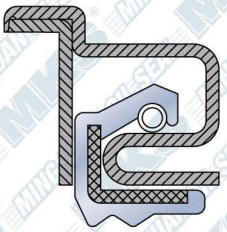
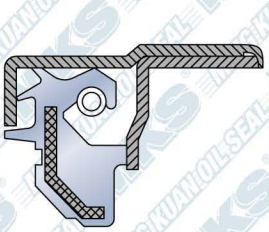
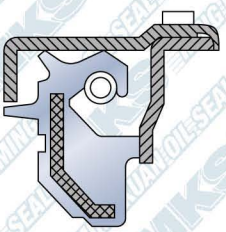
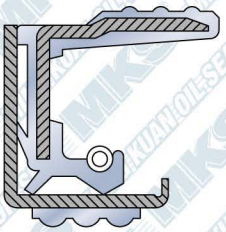
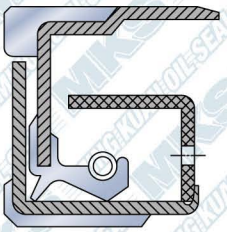
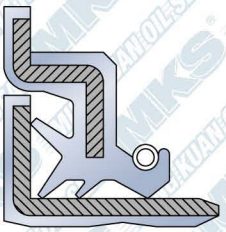
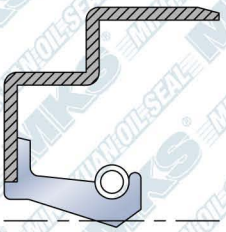
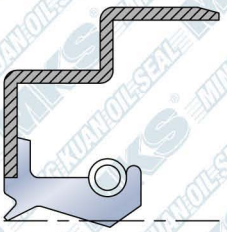
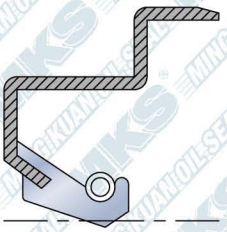
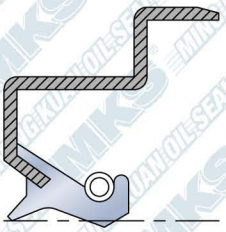
			

TYPE	OSCA1	OSCA2	OTCA1	OTCA2
Heavy Outy Oil Seals.				
	TG9A1	TBCA	TC39A	TCJ39
				

TYPE	SB08	TB08	SB081	TB081
08 type				
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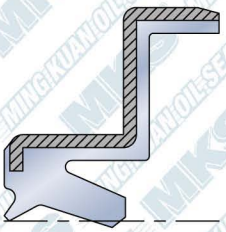
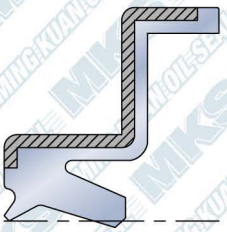
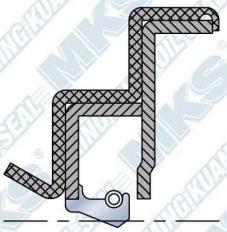
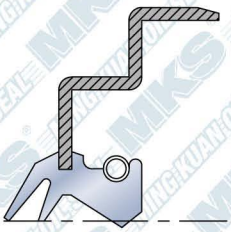
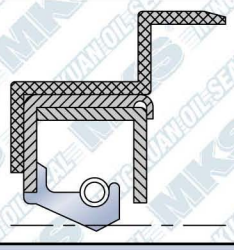
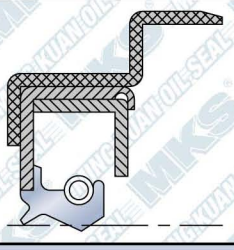
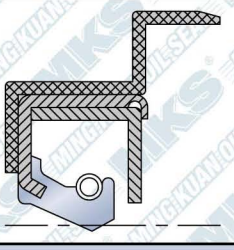
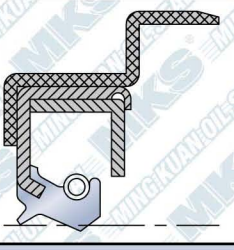
				

TYPE	SA+08	TA+08	SA081	TA081
				
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	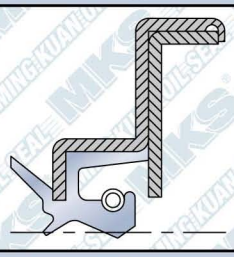	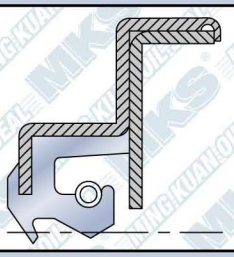	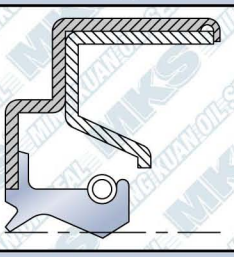	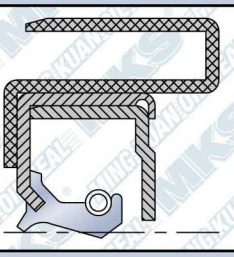
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	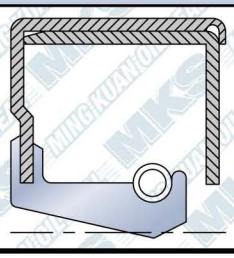	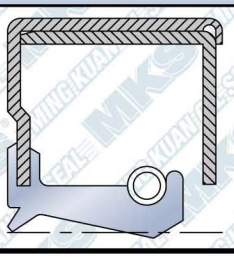	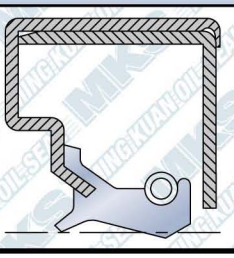	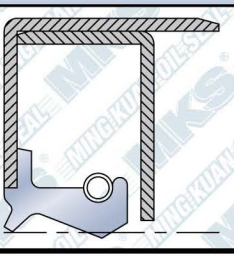

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	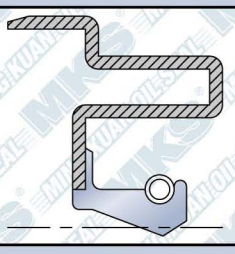	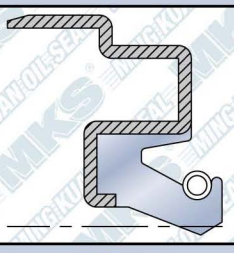	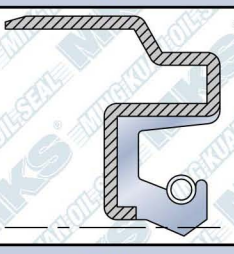
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	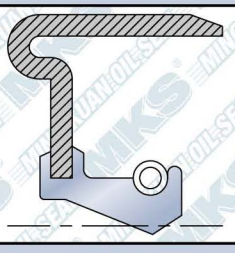	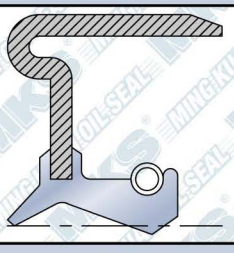	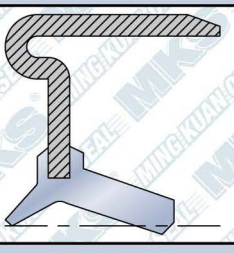
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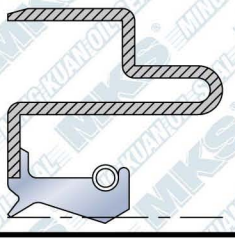
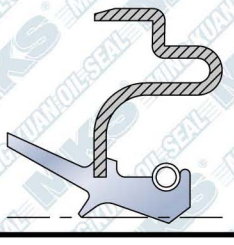
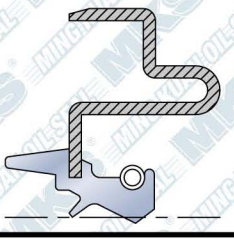
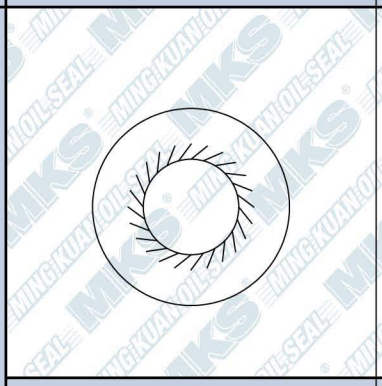
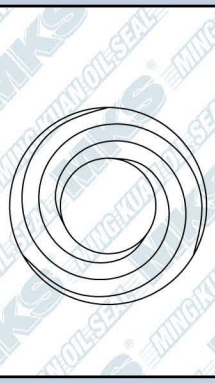
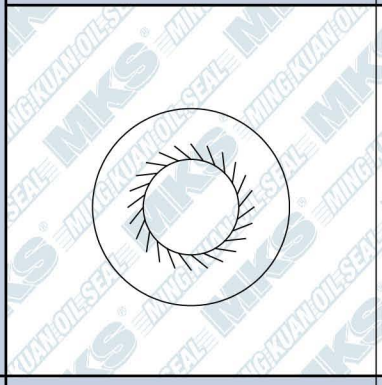
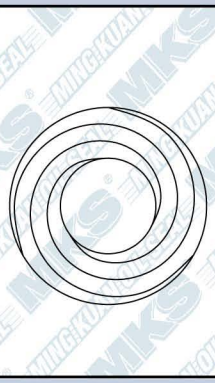
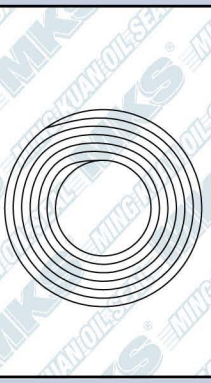
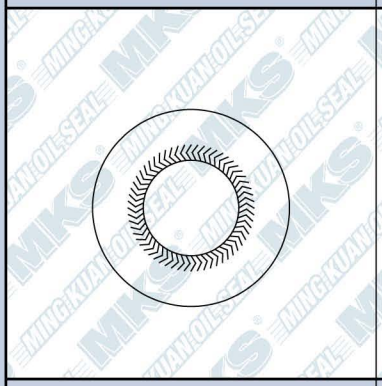
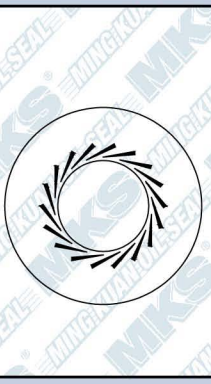
			

Hydrodynamic aid and helix design

TYPE	L	L1	L2
Counter Clock Wise type			
	R	R1	R2
			
Clock type	L3	L4	L5
			
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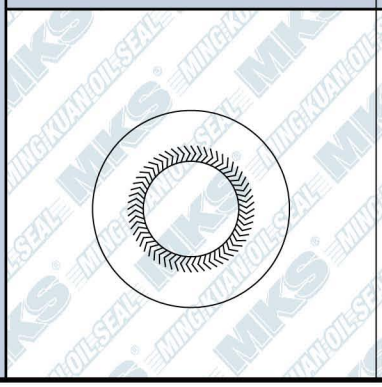
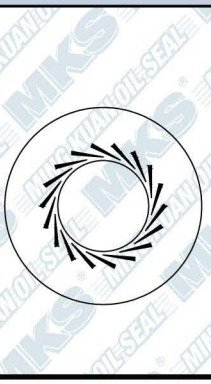
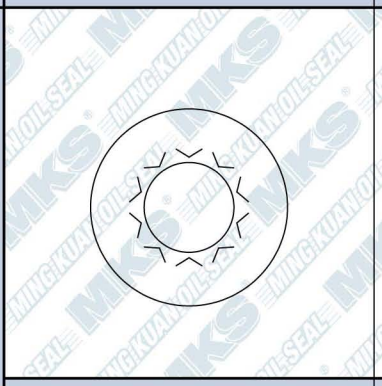
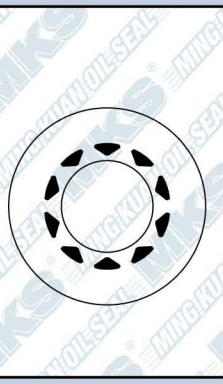
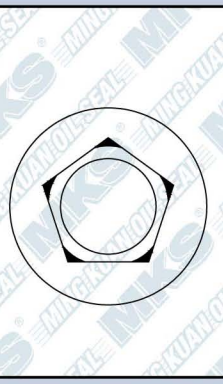
			

TYPE	W1	W2	W3
Bi - Directional W type			
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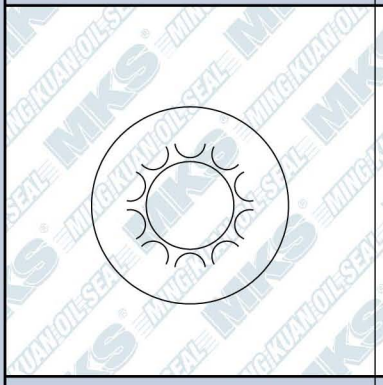
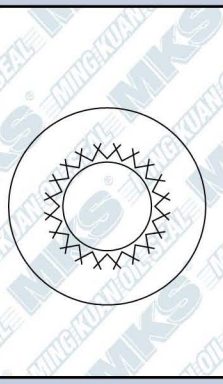
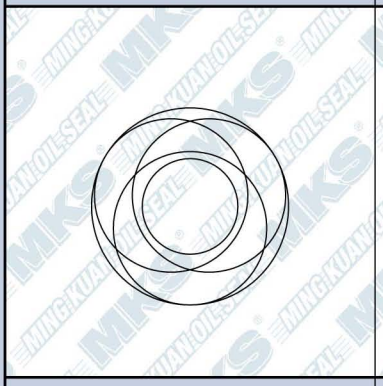
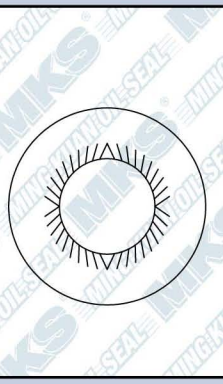
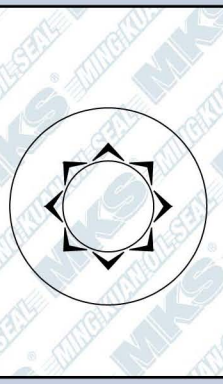
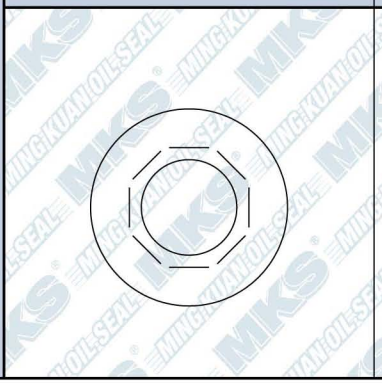
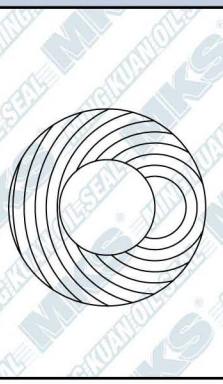
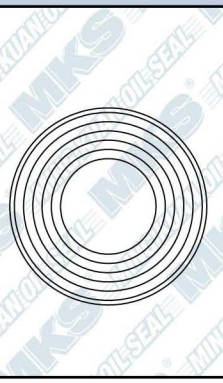
			
	W7	W8	W9
			
	W10	W11	W12
			

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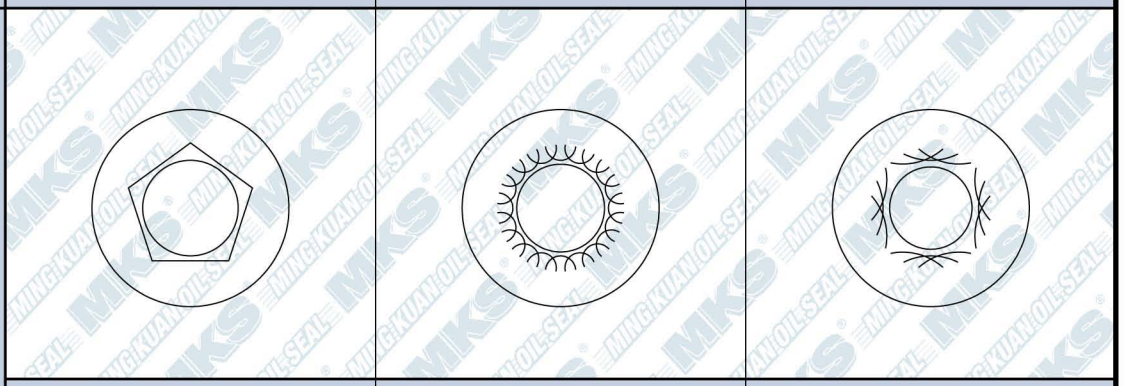
Bi - Directional W type			
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	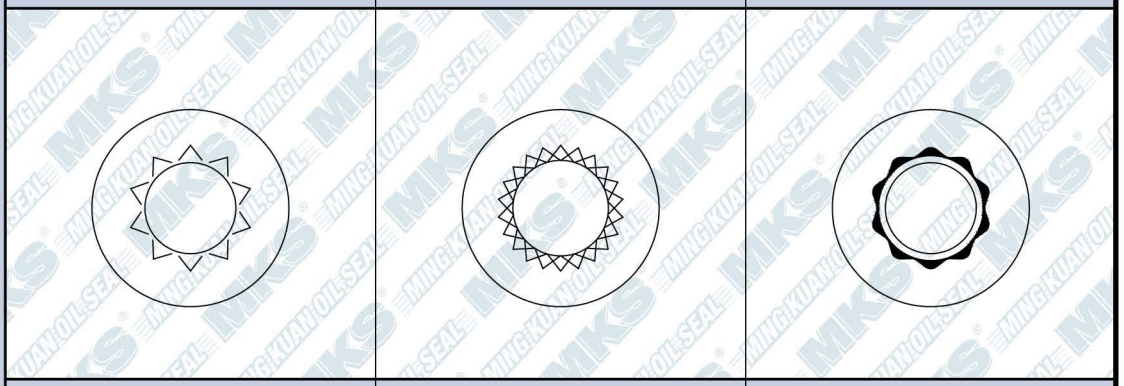		
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	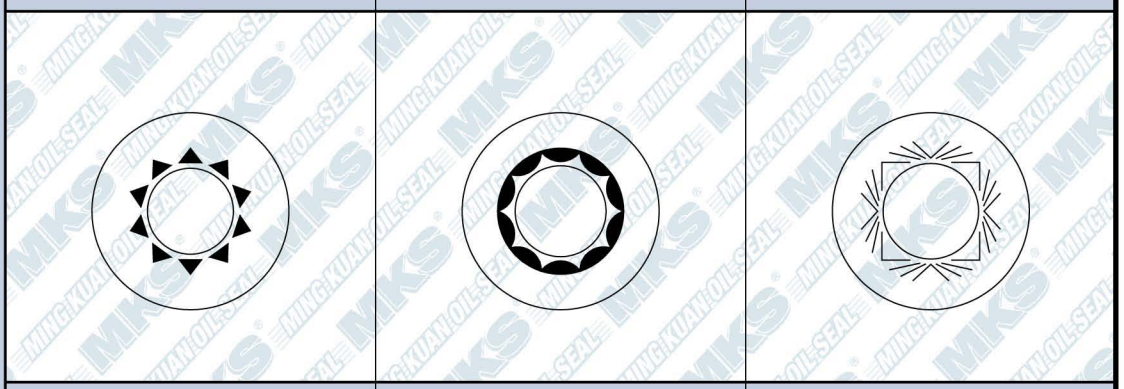		
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