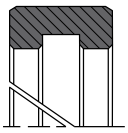
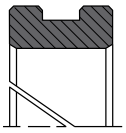
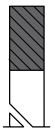
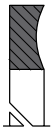
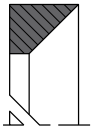
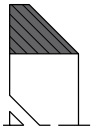
Guide Ring

application	profile	description	temperature	max. speed	max. specific load	material
	G07	guide ring				
		with groove on inside diameter, for piston application. split and non split design available.	- 50 °C ... +100 °C	4,0 m/s	25 N/mm²	POM
			- 40 °C ... +100 °C	4,0 m/s	25 N/mm²	PA*
			-200 °C ... +200 °C	4,0 m/s	3 N/mm²	PTFE glass
			-200 °C ... +200 °C	5,0 m/s	4,5 N/mm²	PTFE bronze 40
			-200 °C ... +200 °C	5,0 m/s	7,5 N/mm²	PTFE bronze 60
			- 40 °C ... +130 °C	1,0 m/s	90 N/mm²	TEX***
	G08	guide ring				
		with integrated collar on outside diameter, for rod application. split and non split design available.	- 50 °C ... +100 °C	4,0 m/s	25 N/mm²	POM
			- 40 °C ... +100 °C	4,0 m/s	25 N/mm²	PA*
			-200 °C ... +200 °C	4,0 m/s	3 N/mm²	PTFE glass
			-200 °C ... +200 °C	5,0 m/s	4,5 N/mm²	PTFE bronze 40
			-200 °C ... +200 °C	5,0 m/s	7,5 N/mm²	PTFE bronze 60
			- 40 °C ... +130 °C	1,0 m/s	90 N/mm²	TEX***

Back Up Ring

application	profile	description	temperature	max. speed	material
	B08	back up ring			
		common inactive back-up ring, mainly used with o-ring to avoid gap extrusion. split and non split design available.	- 50 °C ... +100 °C		POM
			- 40 °C ... +100 °C		PA*
			-200 °C ... +260 °C		PTFE
			-200 °C ... +260 °C		PTFE glass
			- 30 °C ... +110 °C		PU
			- 20 °C ... +110 °C		HPU
			- 50 °C ... +110 °C		LTPU
			- 30 °C ... +110 °C		GPU
	B09	back up ring			
		common inactive back-up ring especially for o-ring to avoid gap extrusion. split and non split design available.	-200 °C ... +260 °C		PTFE
			- 30 °C ... +110 °C		PU
			- 20 °C ... +110 °C		HPU
			- 50 °C ... +110 °C		LTPU
			- 30 °C ... +110 °C		GPU
	B10	back up ring			
		standard active back-up ring for piston seal type PD. normally already included in PD-type seal profiles, designed for automatic pressure activation. split and non split design available.	- 50 °C ... +100 °C		POM
			- 40 °C ... +100 °C		PA*
			-200 °C ... +260 °C		PTFE glass
	B11	back up ring			
		standard active back-up ring for rod seal type PD. normally already included in PD type seal profiles, designed for automatic pressure activation. split and non split design available.	- 50 °C ... +100 °C		POM
			- 40 °C ... +100 °C		PA*
			-200 °C ... +260 °C		PTFE glass

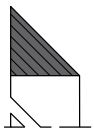
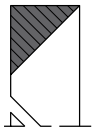
linear moving rotating oscillating spiral moving static

not bolded symbols: please consult our technical dpmt. for application limitations

* POM up to ø260 mm, PA above ø260 mm

** attention: not suitable for mineral oils !

Back Up Ring

application	profile	description	temperature	max. speed	material
	B12	back up ring			
		triangular back-up ring for rod applications, fits in special shaped housings (see seal data sheets). also used as integrated active back-up ring in special high pressure or low friction seal profiles. split and non split design available.	- 50 °C ... +100 °C - 40 °C ... +100 °C -200 °C ... +260 °C		POM PA* PTFE glass
	B13	back up ring			
		triangular back-up ring for piston applications, fits in special shaped housings (see seal data sheets). also used as integrated active back-up ring in special high pressure or low friction seal profiles. split and non split design available.	- 50 °C ... +100 °C - 40 °C ... +100 °C -200 °C ... +260 °C		POM PA* PTFE glass

linear moving rotating oscillating spiral moving static

not bolded symbols: please consult our technical dpmt. for application limitations

* POM up to ø260 mm, PA above ø260 mm

** attention: not suitable for mineral oils !