



Datasheet

Piston Rings

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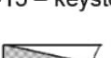
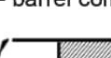
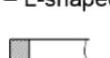
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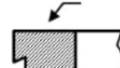
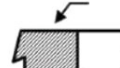
PISTON RINGS PRODUCTION

SIMSEG cast and machines piston rings and sealing rings, for engines, compressors and industrial applications. SIMSEG can produce all the types of rings as shown in the following tables:

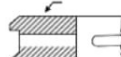
COMPRESSION RINGS

R – rectangular ring  C1	M – taper faced ring  C2	IF – internal bevel top ring  C3	IW – internal step ring  C4	
Recessed upper edge  C5	T6-15 – keystone ring  C6	HT – half keystone ring  C7	B – barrel comp. ring  C9	L – L-shaped ring  CL

NAPIER RINGS

N – napier ring  S1	NM – taper faced napier  S3
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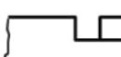
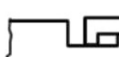
OIL RINGS

S - slotted oil control ring  O1	G – double-bevelled  O3	D – bevelled edge  O5	SSF/GSF/DSF With coil spring  O5R	OA-steel rail With VF spring  OA
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EDGES

KA – outside edges chanfered  A	KI – inside edges chanfered  I
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SPECIAL JOINTS

SG – left/right angle cut  O	SU – overlapped joint  B	SH – hook joint  N	internal notch  Z
Side notch  E	SGS – convex step type for improved gas sealing  MS	SGS – angle type for improved gas sealing  M	

COATINGS

D – CHROME PLATED RING	DF – FLASH CHROME PLATED RING	P – PHOSPHATED COATED RING
T – TIN COATED RING	C – COPPER COATED RING	

MATERIAL

HARDNESS	STANDART GREY IRON 96 – 106 HRB	DUCTILE IRON 100 – 106 HRB	SPECIAL GREY IRON 108 – 114 HRB
MODULUS OF ELASTICITY	85.000-115.000 N/mm ²	min 130.000 N/mm ²	100.000-130.000 N/mm ²



PISTON RINGS

FERROUS FOUNDRY

CYLINDER LINERS

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