

iglidur® Piston Rings

Why complicate things when it can be done simply? It can actually be very easy: Replace complex stamped PTFE tapes with a single clip-on guide ring, for example in cylinders, control valves and fittings. We offer iglidur® piston rings made of any iglidur® material for a wide range of applications.



When to use it?

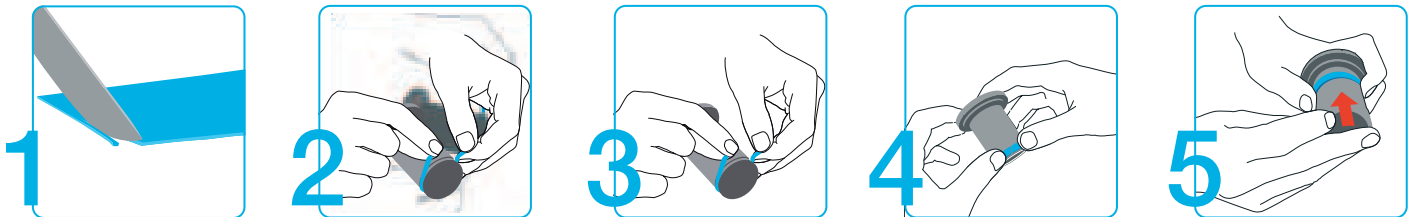
- When piston rings with excellent wear properties are required
- When simple assembly is of great importance
- When high edge loads occur
- When tailor-made solutions based on iglidur® materials are required



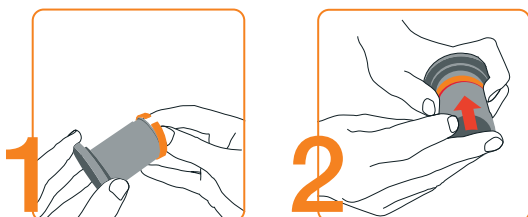
When not to use it?

- When the piston rings should also act as a seal
- When different diameters should be covered by one part

Traditional method:



New: with iglidur®:



Product range

Ø 10–70 mm
more dimensions on request

NEW in this catalog!

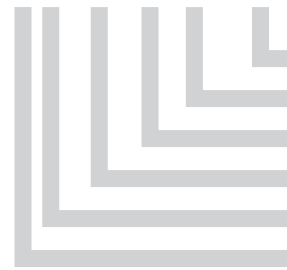
iglidur® Piston Rings | Product Range

iglidur®
piston
rings



Order key

JPRM-1012-054



Length
Outer diameter
Inner diameter
Metric
Piston rings
iglidur® J

iglidur® J piston rings, from stock

Dimensions [mm]

Part number	Inner-Ø d1	Outer-Ø d2	Width piston ring b1; h13	Gap width	Tolerance gap ±mm	Split angle [°]
JPRM-1012-054	10	12	5.4	2.5	0.5	20
JPRM-1214-054	12	14	5.4	2.5	0.5	20
JPRM-1416-054	14	16	5.4	2.5	0.5	20
JPRM-1618-054	16	18	5.4	2.5	0.5	20
JPRM-2023-054	20	23	5.4	2.5	0.5	20
JPRM-2528-054	25	28	5.4	2.5	0.5	20
JPRM-3034-054	30	34	5.4	2.5	0.5	20
JPRM-3539-054	35	39	5.4	2.5	0.5	20
JPRM-4044-054	40	44	5.4	2.5	0.5	20
JPRM-4550-054	44	50	5.4	2.5	0.5	20
JPRM-5055-054	50	55	5.4	2.5	0.5	20
JPRM-6065-054	60	65	5.4	2.5	0.5	20
JPRM-7075-054	70	75	5.4	2.5	0.5	20

Custom-made piston rings

Piston rings in your required material and dimensions in max. 10 days from the entire iglidur® bearings catalog program – economically injection molded and processed in your required dimensions.

Preferable iglidur® materials:

- iglidur® J: universal ► page 89
- iglidur® A180: FDA conform ► page 371
- iglidur® J4 ► page 982
- iglidur® J350: > +90 °C ► page 229
- iglidur® X: chemicals, temperatures ► page 153

Choose your material and diameter from the igus® bearing catalog, tell us your required length and done.



Order key

□PRM-d1d2-b1



b1: Required length
Inner- and Outer-Ø
(d1 + d2)
from available standard
plain bearing
Metric
Piston rings
iglidur® material



delivery available
time from stock



prices price list online
www.igus.eu/pistonring



order part number
example JPRM-1012-054