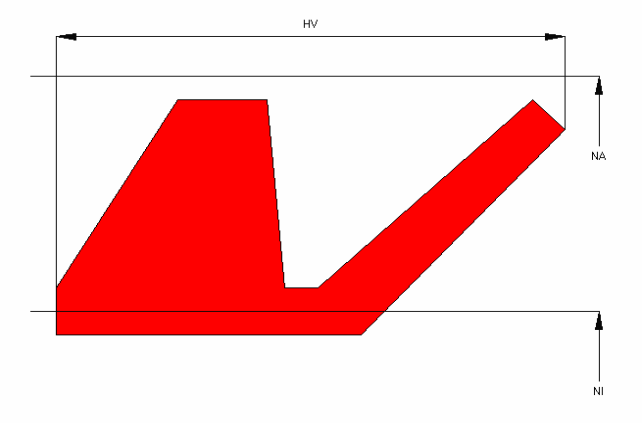

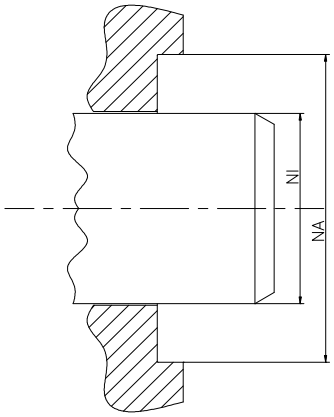

Function

V-Rings are designed to axially seal bearings against dirt, dust, water, etc. in rotating machinery. The V-Ring itself rotates with the shaft.

Features

- ⇨ Rotary seal, designed with interference on the ID which provides a good static fit on the shaft and ensures the seal rotates with the shaft.
- ⇨ Axial dynamic sealing lip vertical to the rod.
- ⇨ Small contact pressure of the sealing lip that enables also "dry running".
- ⇨ Low friction on the sealing lip - decreasing with the rotation speed as a result of the centrifugal force.
- ⇨ Little abrasion and long lifetime.
- ⇨ Ensurance of sealing also at excentric rods or rod misalignments.
- ⇨ Pressure must be avoided.

Application

Slow and fast rotating shafts.
Secondary sealing element for preventing the primary seal (f.e. OS01).
Max. pressure 0 bar, max. speed 25 m/s.

Installation

Pull-over installation.

Seal housing recommendation

Tolerances	[mm]	
ø NA	H 12	
ø NI	h 11	
Sliding surface	**Rtmax [µ]**	**Ra [µ]**
	≤ 12	≤ 2.5