

Variable Displacement Oil Pump Vane

[Variable Displacement Oil Pump](#) is set with an eccentric stator and rotor device, which could absorb oil according to the different volume change. The Vanes are inset into 2 rotor convex grooves, which are be pushed tightly by springs. When the Variable Displacement Oil Pump is running, the vanes are keeping attached with the Cam Ring inner wall.

Parameter:

1. Material : M2 , AISI 1074, 100Cr6
2. Hardness: HRC 60° ~65° , HV1 750+140
3. Precision : 0.003~0.005mm or custom-made is acceptable
4. Surface Roughness: Ra<0.2

Thickness	Width	Length	Radius
1.980	10.800	11.900	+R4*2
1.980	10.600	25.000	+R4*2
2.000	11.900	18.300	+R3.2*2

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