



*Quality and Value
Through Engineering*

- ◆ Novellus – Varian 3180, 3190 and 3290

Novellus - PVD PARTS
Model 3180 / 3190 /3290

Signet Products Ceramic Clip Rings



Signet P/N's 33-4505, 33-4782 & 33-2216

Signet provides 4 inch, 5 inch and 6 inch ceramic clip rings made from 99.5% Alumina to provide longer life. We use the same package for all three sizes and the picture above has our package with one of each.

Signet Part #	OEM Part #	Description
33-4505	00-674505-00	4 Inch Ceramic Clip Ring
33-4782	00-674782-00	5 Inch Ceramic Clip Ring
33-2216	00-682216-00	6 Inch Ceramic Clip Ring

Other Signet 3180/3190/3290 PVD products include our Anode Cap, P/N 33-4163, Bypass Bellows, P/N 33-0119 Target Replacement Kit, Wafer Clips P/N 33-2057 and both the Ion Gauge Tube P/N 33-5641 and Thermocouple Vacuum Gauge Tube P/N 37-0531.

Ref. = Design Alteration of OEM Part

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