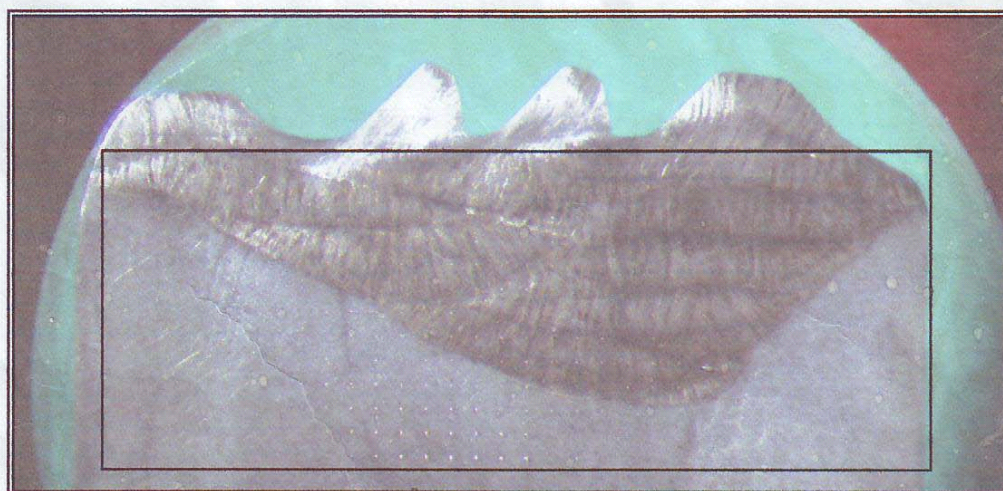


Rolled Seat DE 50MC



Section of rolled seat area

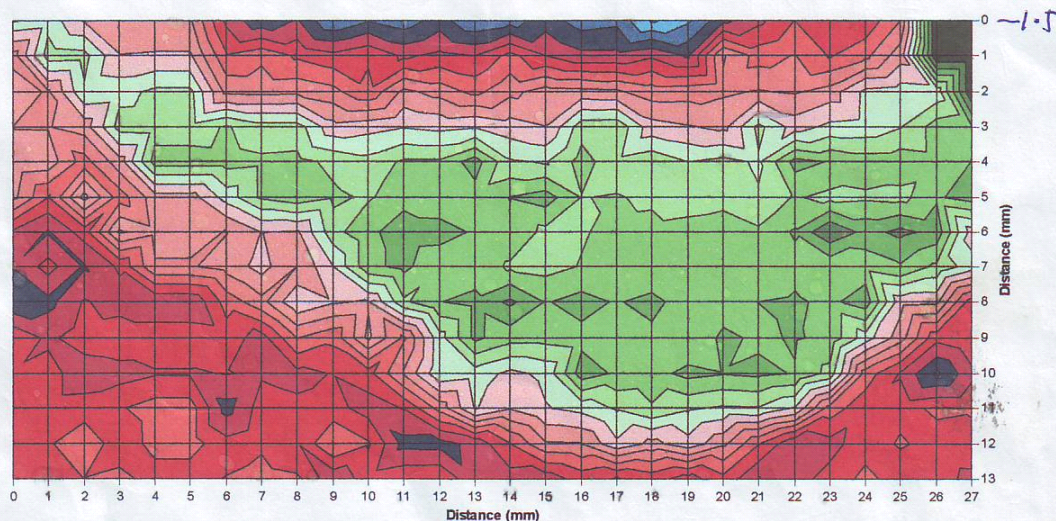
Rolled Inconel 718



Hardness distribution in section of seat area, DE 50MC

Vickers Hardness ($HV_{0.5}$) Inconel 718

200-220	220-240	240-260	260-280	280-300	300-320	320-340	340-360
360-380	380-400	400-420	420-440	440-460	460-480	480-500	500-520



Vickers Hardness ($HV_{0.5}$) 718 Heat treated

720°C, 8 hours + 620°C, 6 hours

200-220	220-240	240-260	260-280	280-300	300-320	320-340	340-360
360-380	380-400	400-420	420-440	440-460	460-480	480-500	500-520
520-540	540-560	560-580	580-600				

