



TYPICAL PLASMA & GAS NITRIDE RESULTS

AMS 2759/6, AMS 2759/10 & AMS 2759/8

Alloy Steels

Material Type	Typical Case Depth	Epsilon (White Layer)	Surface Hardness Vickers/HRC
4130	.010" - .025"	.0001 " - .0006"	700HV / 60 HRC
4140	.010" - .025"	.0001 " - .0006"	700HV / 60 HRC
4150	.010" - .025"	.0001 " - .0006"	700HV / 60 HRC
4340	.010" - .025"	.0001 " - .0006"	700HV / 60 HRC
Nitralloy 135 M	.010" - .025"	.0001 " - .0006"	1170 / 70+ HRC

Applications Include:

Internal Engine Components, Stampings, Gears, Crank Shafts,
Aerospace • Automotive • Medical • Military • Oil & Gas • Power Generation
Feed screws, Cam Shafts.