



TYPICAL PLASMA & GAS NITRIDE RESULTS

AMS 2759/6, AMS 2759/10 & AMS 2759/8 **Tool Steel / Mold Steel**

Material Type	Typical Case Depth	Epsilon (White Layer)	Surface Hardness Vickers/HRC
A-2	.002" - .008"	.0001"	770-832 HV/63-65 HRC
D-2	.002" - .008"	.0001"	1060-1170 HV/70+ HRC
S-7	.002" - .010"	.0001"	940-1106 HV/70+ HRC
H-13	.002" - .010"	.0001"	1170-1244 HV/70+ HRC
M-2	.002" - .008"	NONE	1080-1170 HV/70+ HRC
CPM-10V	.002" - .006"	NONE	1170-1244 HV/70+ HRC
420 St: St:	.002" - .006"	NONE	1090-1170 HV/70+ HRC
440C St: St:	.002" - .004"	NONE	1106-1270 HV/70+ HRC

Applications Include: Forge Tools, Dies and punches, Mandrels, Molds for plastics, Molds for casting of nonferrous metals and alloys, Cutting Tools