

APPLICATION GUIDE

ChipCHECK - PT6T

The ChipCHECK alloy naming convention follows SAE standards which may differ from the manual. This application guide is a cross reference between the ChipCHECK report and the PT6T.



	ChipCHECK	PT6T
Fe Base	1010	N/A to this engine type
	8740	AMS 6270 or AMS 6274 or AMS 6322 or AMS 6323
	4130 / 52100	AMS 6440 or AMS 6444
	15CDV6 (AIR)	N/A to this engine type
	4340	AMS 6414 or AMS 6415
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	N/A to this engine type
	Nitralloy 135 Mod	N/A to this engine type
	9310	AMS 6260 or AMS 6265
	35NCD16 (AIR)	AMS 6250
	Nitralloy N	N/A to this engine type
	H-13	N/A to this engine type
	6308	N/A to this engine type
	M50	AMS 6491
	400 Series	AMS 5613
	M50 Nil	N/A to this engine type
	Jethete M152 (P)	N/A to this engine type
	15-5PH /17-4PH	N/A to this engine type
	AM-350	N/A to this engine type
	17-7 PH	N/A to this engine type
	300 Series	AMS 5688
Maraging 250 (P)	N/A to this engine type	
Alloy No. 42 (P)	N/A to this engine type	
A286	N/A to this engine type	
ALNICO 5 (P)	N/A to this engine type	
Al Base	6061	AMS 4117 or AMS 4150
	2024	AMS 4120
	2219	N/A to this engine type
	2618	N/A to this engine type
	C355.0 / 356.0 / 357.0	AMS 4215 or AMS 4214
7075	N/A to this engine type	
Ni Base	Waspaloy	N/A to this engine type
	Inconel 718	N/A to this engine type
	Hastelloy X	N/A to this engine type
	Inconel 625	AMS 5666
	Inconel X750	N/A to this engine type
Nickel	N/A to this engine type	
Ti Base	Ti 6-4	AMS 4928
	Ti 6-2-4-6	N/A to this engine type
Cu Base	Copper	AMS 4615 or AMS 4616
	CDA443 (CDA)	N/A to this engine type
Co Base	L-605	N/A to this engine type
	Elgiloy	N/A to this engine type
Ag Base	Silver	N/A to this engine type

If you have any questions, please contact support@gastops.com

Disclaimer: The analyzed wear debris is reported by ChipCHECK as the nearest matched alloy classification per ASTM D8182-18. Any analyzed wear debris that could not be classified by ChipCHECK is reported as "Unclassified". Note that unclassified results do not necessarily constitute that the sample is in absence of the materials included in the configured material library. An unclassified result may be due to an inadequate spectra collected from the particles, which can be mitigated by following the procedures outlined in the user manual. All results reported by ChipCHECK are subject to the proper use, operation, and maintenance of the device in compliance with the defined requirements in user manual C009802.