

APPLICATION GUIDE

ChipCHECK - CF6-80

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 CF6-80.



	ChipCHECK	CF6-80
Fe Base	1010	Wrought / Low Carbon Steel or Ductile Iron
	8740	SAE 8740
	4130 / 52100	B5F5 or AISI 4140 or SAE 4130 or 52100
	15CDV6 (AIR)	N/A to this engine type
	4340	AISI 4350 or SAE 4340
	32CDV13 (AIR) / 30CD12 (AIR) / S-7 (AISI)	N/A to this engine type
	Nitralloy 135 Mod	NITRALLOY 135 Mod
	9310	AISI 9310
	35NCD16 (AIR)	N/A to this engine type
	Nitralloy N	N/A to this engine type
	H-13	N/A to this engine type
	6308	N/A to this engine type
	M50	M50
	400 Series	410 or 440C or 440F or 431 or 416F
	M50Nil	M50Nil
	Jethete M152 (P)	N/A to this engine type
	15-5PH / 17-4PH	17-4PH
	AM-350	N/A to this engine type
	17-7 PH	17-7 PH
	300 Series	347 or 321 or 304 or 302 or 301 or 303 or Steel Rivets
Maraging 250 (P)	Marage Steel	
Alloy No. 42 (P)	N/A to this engine type	
A286	A286	
ALNICO 5 (P)	ALNICO 5	
Al Base	6061	6061-T4/T6
	2024	2024-T4 / T6 / T351 or AL Sheet or AL Foil
	2219	N/A to this engine type
	2618	2117-T4
	C355.0 / 356.0 / 357.0	A356 or C-355-T71
	7075	7075-T7352
Ni Base	Waspaloy	Waspaloy
	Inconel 718	Inconel 718
	Hastelloy X	Hastelloy C
	Inconel 625	N/A to this engine type
	Inconel X750	Inconel X750 or Inconel 600
	Nickel	N/A to this engine type
Ti Base	Ti 6-4	6-4
	Ti 6-2-4-6	A110AT
Cu Base	Copper	Silicon Bronze or Aluminum Bronze
	CDA443 (CDA)	Leaded Mn Bronze
Co Base	L-605	N/A to this engine type
	Elgiloy	N/A to this engine type
Ag Base	Silver	Silver

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.