

Cobalt-based and Cobalt Rich Alloys

LEJ Alloy	J3	J6	J10	J12	J17	J21	J580
Similar to	Stellite 3	Stellite 6	Tribaloy T-400	Stellite 12	LEJ Proprietary US Patent 7,754,143	Stellite 21	US Patent 11,559,904
Applications	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	exhaust for diesel and natural gas engines

Nickel-based and Nickel Rich Alloys

LEJ Alloy	J70	J73	J89	J91	J92	J96	J100
Similar to	SAE J610b Item #13	LEJ Proprietary Patent 8,613,886	US LEJ Proprietary Patent 6,482,275	US LEJ Proprietary EU Patent 2430204	SAEJ610 Item #12	SAEJ610b Item #12	SAE J610b Item #12
Applications	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines

Iron-based and Iron Rich Alloys (Martensitic)

LEJ Alloy	J120	J120V	J125	J130	J152	J160	J161
Similar to	M2 Tool Steel	M2 Tool Steel	SilChrome XB	LEJ Proprietary US Patent 6,702,905	LEJ Proprietary US Patent 8,940,110	LEJ Proprietary US Patents 6,436,338 & 6,881,280	LEJ Proprietary US Patents 9,458,743 & 10,138,766
Applications	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Primarily Intake for diesel and natural gas engines	Primarily exhaust for diesel and natural gas engines	Primarily intake for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Primarily exhaust for diesel and natural gas engines

Iron-based and Iron Rich Alloys (Ferritic)

LEJ Alloy	J133	J153	J155	J303
Similar to	PL33	LEJ Proprietary Patent 8,479,700	US LEJ Proprietary Patent 8,479,700	US LEJ Proprietary US Patent 10,677,109
Applications	Intake and exhaust for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Primarily Intake for diesel and natural gas engines	Primarily exhaust for diesel and natural gas engines

Iron-based and Iron Rich Alloys (Austenitic)

LEJ Alloy	J101H	J109	J121	J150
Similar to	Ni-Resist #1	LEJ Proprietary Patent 8,430,075	US Proprietary Alloy	Proprietary Alloy
Applications	Automotive engines, small gas engine with aluminum alloy heads	Automotive, water cooled engines, Aircraft engines	Aircraft engines	Natural gas engines

Iron Based Wrought Low Alloy Steels

LEJ Alloy	ASM 5700	AMS 5710
Applications	VSI	VSI

Intermetallic and Special Phase Strengthening Alloys

LEJ Alloy	J137	J304	J513	J527	J580	J589
Similar to	LEJ Proprietary Patent 11,556,299	US LEJ Proprietary Patent 11,530,460	US LEJ Proprietary US Patent 9,932,867	LEJ Proprietary	LEJ Proprietary US Patent 11,559,904	Haynes 589
Applications	Intake and exhaust for diesel and natural gas engines	VSI and bushings for diesel and natural gas engines	Intake and exhaust for diesel and natural gas engines	Intake VSI and valve guide	Primarily exhaust diesel and natural gas engines	Primarily for intake diesel engines

PM Materials

LEJ Materials	JP21	JP23	JP24	JP25	JP28	JP513	JP200	JP300
Similar to	Proprietary Alloy	LEJ Proprietary	Proprietary Alloy	Proprietary Alloy	Proprietary Alloy	Proprietary Alloy	Proprietary Alloy	Proprietary Alloy
Applications	Diesel and natural gas engines	Heavy-	Intake VSI and valve guide	Natural gas engines	Natural gas engines	Natural gas engines	Natural gas engines	Natural gas engines