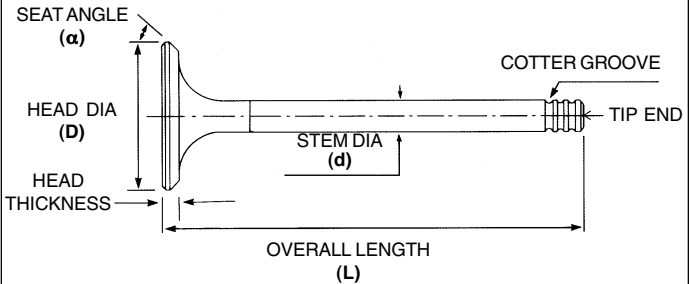


ENGINE VALVE NOMENCLATURE



ENGINE VALVE MATERIALS

MATERIAL	DESCRIPTION
EN 18D/EN 24	Alloy steel for inlet valves
EN 59/SUH-4	Chromium-Nikel Silicon exhaust valve steel which has good resistance to high temperature, scaling and corrosion.
EN 52/SUH-1 SUH-3 SUH-11	High-alloyed chrome-silicon steel for high stressed inlet valves and low stressed exhaust valves.
21-4N/SUH-35 21-2N 21-12N 23-8N 21-43 SUH-36 SUH-38 INCONEL-751 NITRONIC-20	Austenitic steel for high stressed and high heat resistant exhaust valve.

STELLITE MATERIALS

GRADE # 6

GRADE # 32

Ni 60

PROCESS CODES

BM

BI-METALLIC

TF

TUFFTRIDED

CR

CHROME PLATED

PL

PLAIN