

Abbreviations

Engines/vehicles	
Fuels	
Benzin	Fuel: petrol
Diesel	Fuel: diesel
Gas	Fuel: natural gas
Types of engine	
B	Opposed-piston engine
Kompressor	Compressor
R	Inline engine
Motor	Single-cylinder
V	V-type engine
VR	VR-type engine
W	W-type engine
Preparation of fuel mixture	
Vergaser	Carburettor
Cooling	
luftgekühlt	Air-cooled
wassergekühlt	Water-cooled
Supercharging	
LLK	Charge air cooling
Turbo	Turbocharging
Catalytic converters	
Katalysator	Catalytic converter
Engine features	
... Ventile	... valves/cylinder
Pleuellänge ... mm	Conrod length in mm
Remarks	
3-Loch	3-hole adjustment
4-Loch	4-hole adjustment
Valves	
Functions	
In	Intake
Ex	Exhaust
In/Ex	Intake and exhaust
Dimensions	
D	Head diameter
d	Stem diameter
L	Total length
α	Seat angle
Materials	
I	NiCrTiAl steel (Nimonic 80A®)
X	CrMoV steel
PT	CrMnNiNb steel
S	CrSi steel
T	CrMnNi steel

Valve coatings	
Cr	Chrome-plated valve stem
Ni	Nitride-coated valve
Valve fillings	
Na	Sodium-filled valve
Valve seat coatings	
HS	Induction-hardened seat
Stellit	Stellite seat
Valve guides	
Functions	
In	Intake
Ex	Exhaust
In/Ex	Intake and exhaust
Dimensions	
D	Outer diameter
D1	Flange diameter
d	Inner diameter
L	Length
Materials	
B	CuZnAl alloy
B1	CuSn alloy
G1	Grey cast iron alloy
G2	Grey cast iron alloy
CN	CuNi alloy
SM	Sintered metal alloy
Valve seat inserts	
Functions	
In	Intake
Ex	Exhaust
In/Ex	Intake and exhaust
Dimensions	
D	Outer diameter
d	Inner diameter
H	Height
Materials	
GG1	CMo grey cast iron alloy
SG1	CrMo steel alloy (Cr > 10%)
SG2	CrMo steel alloy (Cr > 30%)
SG3	CrMoV steel alloy
SM1	Sintered metal alloy
ST	CrW steel alloy