



Black Diamond® All KPMI Black Diamond Stainless Steel Valves are impregnated by a special German process .002" deep with a .0002" surface build-up to improve wear properties and reduce friction. This process provides resistance to corrosion and wear, superior to that developed by hard chromium and electrolysis nickel plating. These valves are light and the profiles provide excellent flow characteristics.



Tool Steel Lash Caps

These lash caps are for use with titanium or stainless valves where base circle requirements demand or where the top of the valve is not hard enough to accept the action of lash adjusters.

- 5.0mm Stem Valves.....**VAL 1050-008**
- 5.5mm Stem Valves.....**VAL 1150-008**
- 6.5mm Stem Valves.....**VAL 0750-008**



Ferrea developed the motorcycle-racing valve implementing the same technology as our extreme duty, competition plus (automotive) racing valve. The net result is a valve that can withstand the punishment of extremely high rpm, multiple stages of nitrous injection, turbocharger and even blown fuel applications. No other valve even comes close to the performance and reliability of Ferrea's. Their valves have set more records in numerous categories worldwide than any other valve.

Honda

CRF250R/X 04-06

- STD. INT. 31.10mm.....**VAL F0331**
- STD. EXH. 26mm.....**VAL F0329**
- O.S. INT. 32.10mm.....**VAL F0332**
- O.S. EXH. 27mm.....**VAL F0330**

TRX400EX 99-05

- STD. INT. 33MM.....**VAL F0133**
- STD. EXH. 29mm.....**VAL F0131**
- O.S. INT. 34mm.....**VAL F0134**
- O.S. EXH. 30mm.....**VAL F0132**

CRF450 02-06

- STD. INT. 36mm.....**VAL F0305**
- STD. EXH. 31mm.....**VAL F0308**
- O.S. INT. 37mm.....**VAL F0304**
- O.S. INT. 32mm.....**VAL F0299**

TRX450 04-05

- STD. INT. 36mm.....**VAL 30-30750**
- STD. EXH. 30mm.....**VAL 30-30753**
- O.S. INT. 37mm.....**VAL 30-30751**
- O.S. INT. 31mm.....**VAL 30-30754**

CBR600F2 91-94, F3 95-99

- STD. INT. 25.5mm.....**VAL F0092**
- STD. EXH. 22mm.....**VAL F0094**
- O.S. INT. 26.5mm.....**VAL F0192**
- O.S. EXH. 23mm.....**VAL F0194**

CBR600F4 99-00

- STD. INT. 26.5mm.....**VAL F0117**
- STD. EXH. 23mm.....**VAL F0115**
- O.S. INT. 27.5mm.....**VAL F0118**
- O.S. EXH. 24mm.....**VAL F0116**

CBR900RR 93-99

- STD. INT. 27.5mm.....**VAL F0095**
- STD. EXH. 23.05mm.....**VAL F0096**
- O.S. INT. 28.5mm.....**VAL F0195**
- O.S. EXH. 24.05mm.....**VAL F0196**

CBR1000RR 04-06

- STD. INT. 29mm.....**VAL 30-30790**
- STD. EXH. 24mm.....**VAL 30-30793**

- O.S. INT. 30mm.....**VAL 30-30791**
- O.S. EXH. 25mm.....**VAL 30-30794**

CBR1100XX 97-00

- STD. INT. 31.93mm.....**VAL F0125**
- STD. EXH. 27mm.....**VAL F0119**
- O.S. INT. 32.93mm.....**VAL F0126**
- O.S. EXH. 28mm.....**VAL F0124**

CBX/CB750 DOHC 79-81

- STD. INT. 25mm.....**VAL 30-4221**
- STD. EXH. 22mm.....**VAL 30-4222**

Kawasaki

KFX250 03-04

- STD. INT. 31mm.....**VAL F0411**
- STD. EXH. 25mm.....**VAL F0412**
- O.S. INT. 32mm.....**VAL F0413**
- O.S. EXH. 26mm.....**VAL F0414**

KFX400 01-05

- STD. INT. 36mm.....**VAL F0215**
- STD. EXH. 29mm.....**VAL F0217**
- O.S. INT. 37mm.....**VAL F0216**
- O.S. EXH. 30mm.....**VAL F0218**

ZX6R 95-99

- STD. INT. 27mm.....**VAL F0122**
- STD. EXH. 22.5mm.....**VAL F0123**
- O.S. INT. 28mm.....**VAL F0222**
- O.S. EXH. 23.6mm.....**VAL F0223**

ZX636R 03-04

- STD. INT. 27mm.....**VAL F0315**
(special alloy)
- STD. EXH. 22.6mm.....**VAL F0316**
(super alloy)

Ninja 900 84-86/1000 86-87

- O.S. INT. 30.5mm.....**VAL F0019**
- O.S. EXH. 26mm.....**VAL F0018**

ZX7R 96-99

- STD. INT. 29mm.....**VAL F0149**
- STD. EXH. 25mm.....**VAL F0147**
- O.S. INT. 30mm.....**VAL F0150**
- O.S. EXH. 26mm.....**VAL F0148**

ZX9 98-05

- STD. INT. 30mm.....**VAL F0141**
- STD. EXH. 26mm.....**VAL F0139**
- O.S. INT. 31mm.....**VAL F0142**
- O.S. EXH. 27mm.....**VAL F0140**

ZX9 94-97/ZX7 93-95

- STD. INT. 29mm.....**VAL F0097**
- STD. EXH. 25mm.....**VAL F0098**
- O.S. INT. 30mm.....**VAL F0197**
- O.S. EXH. 26mm.....**VAL F0198**

J Model 81-82/GPZ1100 81-84

- STD. INT. 37mm.....**VAL 99030**
- STD. EXH. 32mm.....**VAL 99027**
- O.S. INT. 39mm.....**VAL 99033**
- O.S. EXH. 33mm.....**VAL 99029**

ZX10R 05-06

- STD. INT. 31mm.....**VAL F0327**
- STD. EXH. 25.5mm.....**VAL F0326**

ZX11 All

- STD. INT. 31.5mm.....**VAL F0102**
- STD. EXH. 27mm.....**VAL F0101**
- O.S. INT. 32.5mm.....**VAL F0202**
- O.S. EXH. 28mm.....**VAL F0201**

ZX12 00-02 (Bucket)

- STD. INT. 33.39mm.....**VAL F0179**
- STD. EXH. 28.35mm.....**VAL F0180**
- O.S. INT. 34.39mm.....**VAL F0325**

ZX14 05-06 TBA

Suzuki

RMZ250 03-05

- STD. INT. 31mm.....**VAL F0411**
- STD. EXH. 25mm.....**VAL F0412**
- O.S. INT. 32mm.....**VAL F0413**
- O.S. EXH. 26mm.....**VAL F0414**

Quad Sport 400/DRZ400 02-03

- STD. INT. 36mm.....**VAL F0215**
- STD. EXH. 29mm.....**VAL F0217**
- O.S. INT. 37mm.....**VAL F0216**
- O.S. EXH. 30mm.....**VAL F0218**

RMZ450 2006 TBA**GSXR600 97-99**

STD. INT. 26.5mm	VAL F0247
STD. EXH. 22mm	VAL F0246
O.S. INT. 27.5 mm	VAL F0257
O.S. EXH. 23mm	VAL F0236

GSXR600 01-02

STD. INT. 27.2mm	VAL F0288
STD. EXH. 22mm	VAL F0290
O.S. INT. 28.2mm	VAL F0289
O.S. EXH. 23mm	VAL F0291

SV650 99-02

STD. INT. 31mm	VAL F0295
STD. EXH. 25.5mm	VAL F0297
O.S. INT. 32mm	VAL F0296
O.S. EXH. 26.5mm	VAL F0298

GSXR750 86-87/1990

STD. INT. 27mm	VAL F0024
STD. EXH. 24mm	VAL F0022
O.S. INT. 28.5mm	VAL F0025
O.S. EXH. 25mm	VAL F0023

GSXR750 88-89

STD. INT. 28.5mm	VAL F0025
STD. EXH. 24mm	VAL F0022
O.S. INT. 30mm	VAL F0054
O.S. EXH. 26mm	VAL F0055

GSXR750 91-92

STD. INT. 27mm	VAL F0103
STD. EXH. 24mm	VAL F0104
O.S. INT. 28.5mm	VAL F0067

GSXR750W 93-95

STD. INT. 27mm	VAL F0120
STD. EXH. 24mm	VAL F0121
O.S. INT. 28mm	VAL F0220
O.S. EXH. 25mm	VAL F0221

GSXR750 SRAD 96-99

STD. INT. 29mm	VAL F0258
STD. EXH. 24mm	VAL F0121
O.S. INT. 30mm	VAL F0259
O.S. EXH. 25mm	VAL F0221

GSXR750 00-03/1000 01-02

STD. INT. 29mm	VAL F0271
STD. EXH. 24mm	VAL F0273
O.S. INT. 30mm	VAL F0272
O.S. EXH. 25mm	VAL F0274

GS1100 80-83/1150 84-86

STD. INT. 27mm	VAL 60-60220
STD. EXH. 24mm	VAL 60-60222
O.S. INT. 28.5mm	VAL 60-4301
O.S. INT. 29.5mm	VAL 60-4311
O.S. INT. 31mm	VAL 60-4302
O.S. EXH. 26mm	VAL 60-4315

TL1000 98-99

STD. INT. 40mm	VAL F0250
STD. EXH. 33mm	VAL F0249
O.S. INT. 41mm	VAL F0240
O.S. EXH. 34mm	VAL F0239

GSXR1100 86-90 (adjust rockers)

O.S. INT. 30mm	VAL F0037
O.S. EXH. 26mm	VAL F0036

GSXR1100 91-92 (shim style)

STD. INT. 28.5mm	VAL F0105
STD. EXH. 25mm	VAL F0106
O.S. INT. 31mm	VAL F0205
O.S. EXH. 26mm	VAL F0206

GSXR1100W 93-98

STD. INT. 31mm	VAL F0108
STD. EXH. 27mm	VAL F0107
O.S. INT. 32mm	VAL F0208
O.S. EXH. 28mm	VAL F0207

GSX1300R 99-06

STD. INT. 33mm	VAL F0153
STD. EXH. 27.5mm	VAL F0151
O.S. INT. 34mm	VAL F0154
O.S. EXH. 28.5mm	VAL F0152

Yamaha**YZF250 02-06 (add T for titanium)**

STD. INT. outer 23mm	VAL 80-80073
STD. INT. inner 23mm	VAL 80-80075
STD. EXH. 24.5mm	VAL 80-80077

YZF450/WR 03-06

STD. INT. outer 27mm	VAL 80-80213H
STD. INT. inner 27mm	VAL 80-80215H
STD. EXH. 28mm	VAL 80-80217H
O.S. INT. outer 28mm	VAL 80-80214H
O.S. INT. inner 28mm	VAL 80-80216H
O.S. EXH. 29mm	VAL 80-80218H

R6 600 99-05

STD. INT. 24.95mm	VAL F0157
STD. EXH. 22mm	VAL F0155
O.S. INT. 25.95mm	VAL F0158
O.S. EXH. 23mm	VAL F0156

Raptor 660 00-03

STD. INT. 30mm	VAL F0181
STD. EXH. 32mm	VAL F0182
O.S. INT. 31mm	VAL F0185
O.S. EXH. 33mm	VAL F0186

FZR1000 89-95 (5-valve engine)

STD. INT. inner 23.5mm	VAL F0111
STD. INT. outer 23.55mm	VAL F0112
STD. EXH. 25.05mm	VAL F0114

R1 98-03 (5-valve engine)

STD. INT. inner 23mm	VAL F0163
STD. INT. outer 22.95mm	VAL F0161
STD. EXH. 24.45mm	VAL F0159
O.S. INT. inner 24mm	VAL F0164
O.S. EXH. 25.45mm	VAL F0160
O.S. INT. outer 23.95mm	VAL F0162

FJ1100/1200

O.S. INT. 30.5mm	VAL F0017
O.S. EXH. 26mm	VAL F0016

Road Star/Warrior

STD. INT. 34mm	VAL F0278
STD. EXH. 28mm	VAL F0276
O.S. INT. 35mm	VAL F0279
O.S. EXH. 29mm	VAL F0277
O.S. INT. 36mm	VAL F0280
O.S. EXH. 30mm	VAL F0282
O.S. EXH. 31mm	VAL F0281

