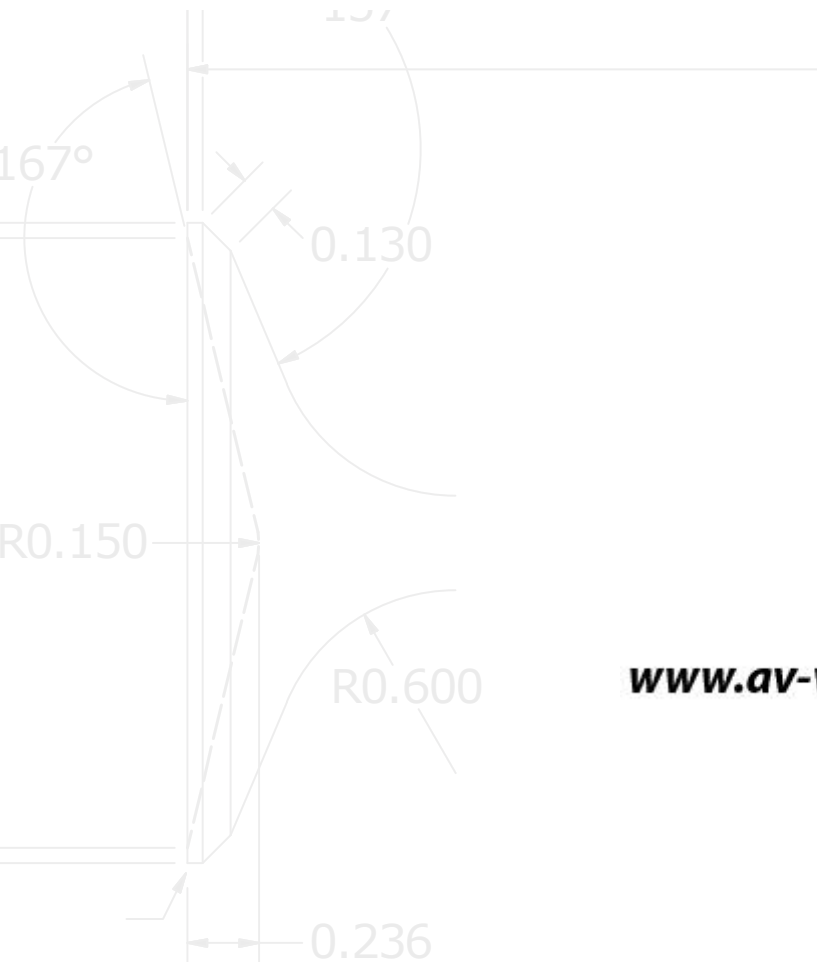




*-It always pays to buy the best-*



[www.av-v.com](http://www.av-v.com)

## AV&V Extreme Duty Valves for Ducati Motorcycles

These superb valves are one piece forged from a racing grade stainless steel alloy. Their profile has been optimized to reduce the weight and to maximize the airflow. This means AV&V's valves are lighter yet are as strong as other aftermarket valves.

Our liquid nitriding process creates a valve that is smoother and stronger than traditional O.E.M. or replacement valves.

The stems are centerless grinded to a micro finish for a longer life.

It is recommended to read the **Technical Info Section** about AV&V Extreme Duty High Flow Valves.



### Ducati 650 Belt Drive

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV508	Intake	.3136"	1.478"	3.910"	22 deg	Black	Stock Size
AV509	Exhaust	.3136"	1.322"	3.844"	24 deg	Black	Stock Size

### Ducati 750 Belt Drive

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV506	Intake	.3136"	1.606"	3.803"	22 deg	Black	Stock Size
AV507	Exhaust	.3136"	1.370"	3.715"	24 deg	Black	Stock Size

### Ducati 900 Bevel Drive

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV510	Intake	.3136"	1.575"	3.360"	22 deg	Black	Stock Size
AV511	Exhaust	.3136"	1.429"	3.297"	24 deg	Black	Stock Size

### Ducati 900 Belt Drive

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV502	Intake	.3141"	1.693"	3.819"	22 deg	Black	Stock Size
AV503	Intake	.3141"	1.725"	3.819"	22 deg	Black	Oversized + 0.8mm
AV500	Exhaust	.3136"	1.495"	3.745"	25 deg	Black	Stock Size
AV501	Exhaust	.3130"	1.472"	3.730"	25 deg	Black	Undersized -0.6mm

### Ducati 916/996 4-valves

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV514	Intake	.2745"	1.455"	4.108"	20 deg	Black	Stock Size
AV515	Exhaust	.2660"	1.181"	4.187"	24 deg	Black	Stock Size

### Ducati 1000/1100 2-valves

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV512	Intake	.2740"	1.774"	3.835"	22 deg	Black	Stock Size
AV513	Exhaust	.2740"	1.575"	3.767"	24 deg	Black	Stock Size

### Ducati 1098 4-valves

Part No.	Type	Stem Dia.	Head Dia.	Overall Length	Back Angle	Coating	Note
AV516	Intake	.2740"	1.653"	4.114"	22 deg	Black	Stock Size
AV517	Exhaust	.2740"	1.342"	3.858"	24 deg	Black	Stock Size

## AV&V Extreme Duty Manganese Bronze Valve Guides for Ducati

AV&V's Manganese bronze alloyed valve guides allow you to fit the valve at a tighter clearance for better heat dissipation and longer life. The nose are tapered and radiused for an easier installation and a better air flow.

The guides are CNC machined in-house, custom made to our specifications, with an unfinished inner diameter ready to be reamed with AV&V's exclusive reamers after installation.



### Ducati 848/1098/1198

Description	I.D.	O.D.	Total Length	Part Number
Intake / Exhaust stock	7mm	.4750"	1.517"	VG500
Intake High Performance	7mm	.4745"	1.410"	VG501
Exhaust High Performance	7mm	.4745"	1.410"	VG502

### Ducati 800 2 valves

Description	I.D.	O.D.	Total Length	Part Number
Intake / Exhaust	8mm	.5146"	1.447"	VG508

### Ducati 900 Belt Drive

Description	I.D.	O.D.	Total Length	Part Number
Intake / Exhaust stock	8mm	.5146"	1.447"	VG508
Intake High Performance	8mm	.5147"	1.283"	VG509
Exhaust High Performance	8mm	.5147"	1.240"	VG510

### Ducati 900 Bevel Drive

Description	I.D.	O.D.	Total Length	Part Number
Intake	8mm	.5150"	1.173"	VG513
Exhaust	8mm	.5155"	1.130"	VG514

## AV&V Viton Valve Seals for Ducati

Specialy designed for Ducati valve guides, AV&V valve seals are made from a special Viton compound that can resist higher temperatures and they also offer more press fit on the valve guide than regular valve seals.



Valve Seals

Valve Seals Part Number	Valve Stem Size
V100-01	7mm
V110-01	8mm

Valve Seal Drivers

Valve Seal Drivers Part Number	Valve Stem Size
VSD7MM	7mm
VSD8MM	8mm

## AV&V's Solid Carbide Valve Guide Reamers

Tired of loosing your time honing and fitting valve guides?

Here is why AV&V reamers are now used by the top cylinder head shops in the industry:

- Specially designed by AV&V for use with mangane bronze material, these unique reamers feature a unique flute design and a longer pilot for a perfect alignment with the valve guide while reaming.
- You will ream a valve guide to exact dimension without any taper in 3 to 5 seconds only.
- Guides will last longer than with the honing meth because there is no crosshatch left after reaming.



Diameter	Part Number
7mm - .0006 (.2750")	VGRC2751
7mm (.2756")	VGRC7MM
7mm + .0005" (.2761")	VGRC2761
7mm + .001" (.2766")	VGRC2766
8mm (.3150")	VGRC8MM