



Replica Valve



BIG TWIN

ROWE VALVES					PRECISION MACHINING		
Fully Machined Head					Stainless		
Model and Year	Application	Hard Chrome Stem (1)	Melonite Special Black Stem (2)	Titanium Nitride Gold Coat Stem	Black Diamond (5)	Racing (3)	Razor Back (4)
TC-88 and Evolution 1340cc All Years	Intake 18074-83	—	—	—	11-6002	11-6018	—
	O.S. As above	—	—	—	11-6014	—	11-6087
2005-up FXST, FLST, FXD 2005-16 FLT	Exhaust 18082-83	11-6059	—	11-0802	11-6009	11-6019	—
	Intake 18074-05	—	—	—	11-6119	—	—
	Exhaust 18085-05	—	11-6191	—	11-6120	—	—



Model and Year Type	OEM	Nitrate Steel
Evolution BT Exhaust	18082-83	11-0778

Valves by Rowe or Precision Machining (Kibblewhite). Intake valves are made of 8645 heat treated valve steel and the exhaust valves are made of 21-2N heat treated non-magnetic stainless steel. These valves are available with the following stems & heads:

- (1) Hard Chromed Stem:** Very slick and hard. The standard in wear resistance.
- (2) Melonite, Special Black Stem:** This is a heat treating process developed and patented in Germany. Gives the valve a Black Smokey look. Very hard and slippery. Currently being used on O.E.M. valves available in Rowe or Black Diamond brands.
- (3) Racing by Kibble White Precision Machining** feature a sharper profile angle to maximize flow, 11-6015 has 2.00 head, 11-6016 has 1.812 head, 11-6017 has 1.780 head, 11-6018 has 1.90 head and 11-6019 has 1.63 head.
- (4) Razor Back by Kibble White** are one piece forged EV-8 stainless steel, fully CNC machined with hard chrome stems.
- (5) Black Diamond:** One piece stainless steel valve with a stellite tip and black nitrene impregnated stem to improve wear properties and reduce friction.

MANLEY Valves



Manley's "Street Master" Intake and Exhaust Valves feature stainless steel construction, chrome plated stems, hard tips, smooth turned underhead angle and radius, forged combustion dish and machined combustion

face rim. Fits All Evolution/Big Twin and 1999-04 TC-88 (standard overall length).

VT No.	Type	Head Diameter	Stem Diameter	OEM
11-9061	Exhaust	1.615 stock	.3095 stock	18082-83
11-9060	Intake	1.850 stock	.310 stock	18074-83



Manley Stainless Valve machined from 1-piece forging with a swirl polished finish and chrome plated stem. Sold pairs. Fits All Evolution Big Twin and 1999-04 TC-88.

VT No.	Type	Head Diameter	Stem	Diameter	OEM
11-9081	Exhaust	1.615 stock	.3095	Standard	18082-83
11-9086*	Exhaust	1.615 stock	.3095	Standard	18082-83
11-9015	Exhaust	1.650 Oversize	.3095	Standard	
11-9082	Intake	1.850 stock	.310	Standard	18074-83
11-9087*	Intake	1.850 stock	.310	Standard	18074-83
11-9084	Intake	1.940 Oversize	.310	-.060	

*Note: Nitrate finish.



Manley Valve Related Kit for Evolution models.

VT No.	Item
11-9610	Valve Key Set
11-9228	.600 Lift Kit Titanium
11-9227	.550 Lift Kit Steel

Valve Seats



Oversize Valve Seats can be used with unleaded gas. Replacement size is actual size of seat supplied by V-Twin Number. Stock size is noted as reference only.

VT No.	Fits	Stock Size
11-0641	1340 Evolution	1.948 x 1.632 x .400
	Replacement Size	2.016 x 1.635 x .453
11-0788	1340 Evolution	1.7135 x 1.379 x .400
	Replacement Size	1 3/4" x 1 3/8" x 7/16"

Valve Shims



Valve Spring Shims for Evolution/TC-88 1985-04 are sold in 25 pack.

VT No.	Width
10-8516	.030
10-8553	.060