



# TRIUMPH • 650/750 • 1963-'83

## SPRING KITS

### Triumph 650 • Lighthweight Racing Valve Spring Kit (Titanium)

Spring Kit Part Number	Application	Description	Retainers	Keepers	Springs	Lower Collars
70-70170	Triumph 650	0.500" valve lift OK	70-70171 Titanium	70-70177 H.T. Steel	70-70173 Chrome Silicon	70-70175 H.T. Steel

### Triumph 650 • Lighthweight Racing Valve Spring Kit (Aluminum)

Spring Kit Part Number	Application	Description	Retainers	Keepers	Springs	Lower Collars
70-0300	Triumph 650	0.500" valve lift OK	70-4002 Aluminum	70-4003 H.T. Steel	70-0300SO Chrome Silicon	70-4004 H.T. Steel

### Triumph 650 /750 • O.E.M. Replacement Valve Spring Kit (H.T. Steel)

Spring Kit Part Number	Application	Description	Retainers	Keepers	Springs	Lower Collars
70-70140	Triumph 650	0.348" valve lift OK	70-70141 H.T. Steel	USE O.E.M.	70-70143 Chrome Silicon	70-70145 H.T. Steel
70-70250	Triumph 750	0.348" valve lift OK	70-70251 H.T. Steel	USE O.E.M.	70-70253 Chrome Silicon	70-70255 H.T. Steel

#### NOTES:

- 70-70140) 1966 -'72 Triumph 650 Models: Kit components are direct OEM replacements and are individually interchangeable with OEM components for these years.
- 70-70140) 1963-'65 Triumph 650 Models: Basewashers and springs are NOT interchangeable with OEM components. All components of the kit must be used together when installing this kit.
- 70-70250) Triumph 750 Models: Kit components are direct OEM replacements and are individually interchangeable with OEM components.

## VALVES

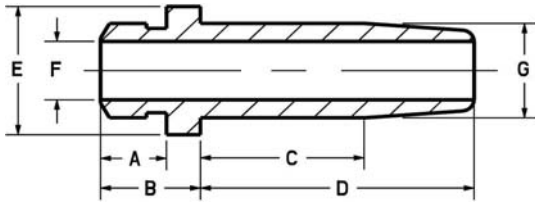
### BLACK DIAMOND® VALVES • BLACK NITRONEG STEMS

KPMI Part Number	Type	Head Diameter	Stem Diameter	Overall Length	Tulip	Remarks
70-4228	IN	1.600" / 40.64mm	0.3015"	3.850"	R1.500	Standard
70-4229	IN	1.660" / 42.16mm	0.3015"	3.830"	R1.500	Oversize
70-4230	EX	1.440" / 36.58mm	0.3100"	3.780"	24°	Standard
70-4231	EX	1.500" / 38.10mm	0.3100"	3.760"	24°	Oversize

## GUIDES

### C630 BRONZE / SAE 630

A	B	C	D	E	F	G	IN	EX	IN/EX
0.330"	0.500"	0.820"	1.370"	0.680"	0.3105"	0.5010"			70-0331S
						+0.02"			70-0332S
						+0.04"			70-0333S
						+0.06"			70-0334S
						+0.15"			70-0840S
						+0.050"			70-4033S



KPMI Reccomened  
Valve Guide Seals:

70-4009 (IN/EX)  
Pkgs. Of 1

See our website for our complete line of Triumph 650/750 products! - [www.kpmivalvetrain.com](http://www.kpmivalvetrain.com)