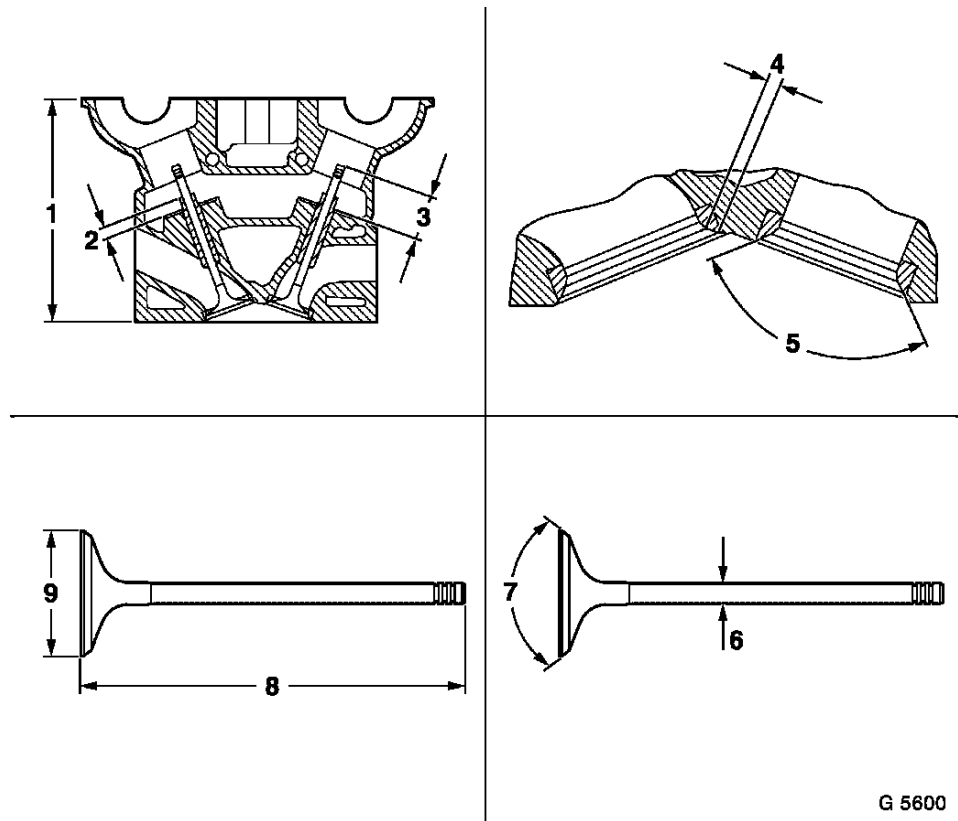


Cylinder head (Z 22 SE)

Illustration

- 1 Cylinder head height
- 2 Installation height of valve guide
- 3 Installation height of valve
- 4 Valve seat width in cylinder head
- 5 Valve seat angle in cylinder head
- 6 Valve stem diameter
- 7 Valve seat angle at valve
- 8 Valve length
- 9 Valve head diameter



G 5600

Engine		Z 22 SE
Cylinder head height ¹⁾	mm	129
Valve seat width in cylinder head		
Intake valve	mm	1,1 – 1,3
Exhaust valve	mm	1,4 – 1,8
Valve seat angle in cylinder head		90 °
Valve guide internal diameter		
Standard size	mm	6,000 – 6,012
Oversize	mm	
Valve guide length		
Intake valve	mm	36
Exhaust valve	mm	36
Installation height of valve guide		
Intake valve	mm	11,2 – 11,5
Exhaust valve	mm	11,2 – 11,5
Installation height of valve		
Standard size	mm	40,1
Oversize	mm	

Engine		Z 22 SE
Valve length		
Standard size		

Intake valve (GM)	mm	101,995 – 102,545
Exhaust valve (GM)	mm	100,685 – 101,235
Oversize (0.075)		
Intake valve (GM K1)	mm	101,595 – 102,145
Exhaust valve (GM K1)	mm	100,285 – 100,835
Valve stem diameter		
Standard size		
Intake valve (GM)	mm	5,955 – 5,970
Exhaust valve (GM)	mm	5,945 – 5,960
Oversize (0.075)		
Intake valve (GM K1)	mm	6,030 – 6,045
Exhaust valve (GM K1)	mm	6,020 – 6,035

Engine	Z 22 SE	
Valve stem clearance		
Intake valve	mm	0,042 – 0,045
Exhaust valve	mm	0,052 – 0,055
Permissible valve stem runout	mm	0,03
Valve head diameter		
Intake valve	mm	34,95 – 35,25
Exhaust valve	mm	29,95 – 30,25
Valve seat angle on valve head	mm	90° 40'
Valve rotator		
Intake valve		none
Exhaust valve		none

Engine		Z 22 SE
Camshaft		
Cam lift		
Intake	mm	5,95
Exhaust	mm	5,95

1) The cylinder head must not be skimmed.