



INDO GERMAN INDUSTRIES

Valve Guide

Valve guide are cylindrical shaped metal tube component placed on valve stem. Its primary function is to keep valve align with valve seat position and conduct heat from valve stem into cylinder chamber, to maintain low ambient temperature. Engine valve reciprocated several thousand times inside valve guide during its operation



SIMPLIFY THE QUALITY, DETERMINE THE PRODUCT

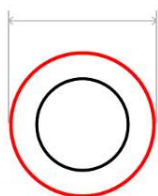


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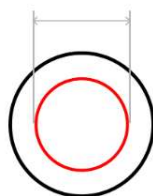
Correct choice material of valve guide is of critical importance to maintain its durability and reliability under extreme load condition. Majorly, guides are made up of different types of cast iron, apart from aluminium bronze and brass material. Essential characteristic of guide is its low friction and high thermal conductivity which lead to superior performance.

IGI in-depth knowledge of manufacturing valve guide ensures to maintaining its proper internal diameter following industry standards and specification. Too low clearance between engine valve stem and internal diameter of valve guide results in quick worn-out parts and excessive clearance will cause damage to engine, so borehole is reamed by reamer to maintain accurate dimensions. Our valve guide are direct OEM replacements. Special guides have internal spiral groove, designed to retain oil to reduce wear out ratio. We also supply guide with phosphate and black nitride finish. Our special heat treatment process ensures our supplied components are long lasting in every light, medium and heavy-duty engines.

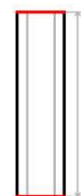
Customized Range



Outer Dia 8 to 125 mm



Inner Dia 5 mm to 45 mm



Length 35 mm to 350 mm

Direct OEM Replacement Guides

Plain and Spiral Bore Holes

Surface treatment – Phosphated & Nitrided

Special Graded Cast Iron

Performance Applications

SIMPLIFY THE QUALITY, DETERMINE THE PRODUCT



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BUILT FOR
BEST QUALITY



BUILT FOR
PERFORMANCE



BUILT FOR
DURABILITY

IMPECCABLE

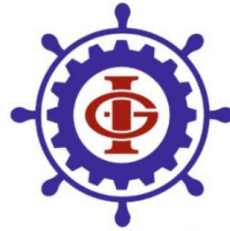
QUALITY THAT NEVER CHANGE

Quality is integral part of every production process to ensure accuracy of each part.

- Standard Operating Procedures (SOP), as per OEs
- Genuine raw materials sourcing
- Online and offline, continuous inspection
- Quality is more than just manufacturing, its habit.

SIMPLIFY THE QUALITY, DETERMINE THE PRODUCT

SINCE



1977

INDO GERMAN INDUSTRIES

Be the future
READY of your industry, **TODAY**

Quality is not just a feature, but the very essence of everything we do.

Quality and Innovation Since 1977

ISO 9001:2015

CERTIFIED COMPANY

intertek
Total Quality Assured



SIMPLIFY THE QUALITY, DETERMINE THE PRODUCT