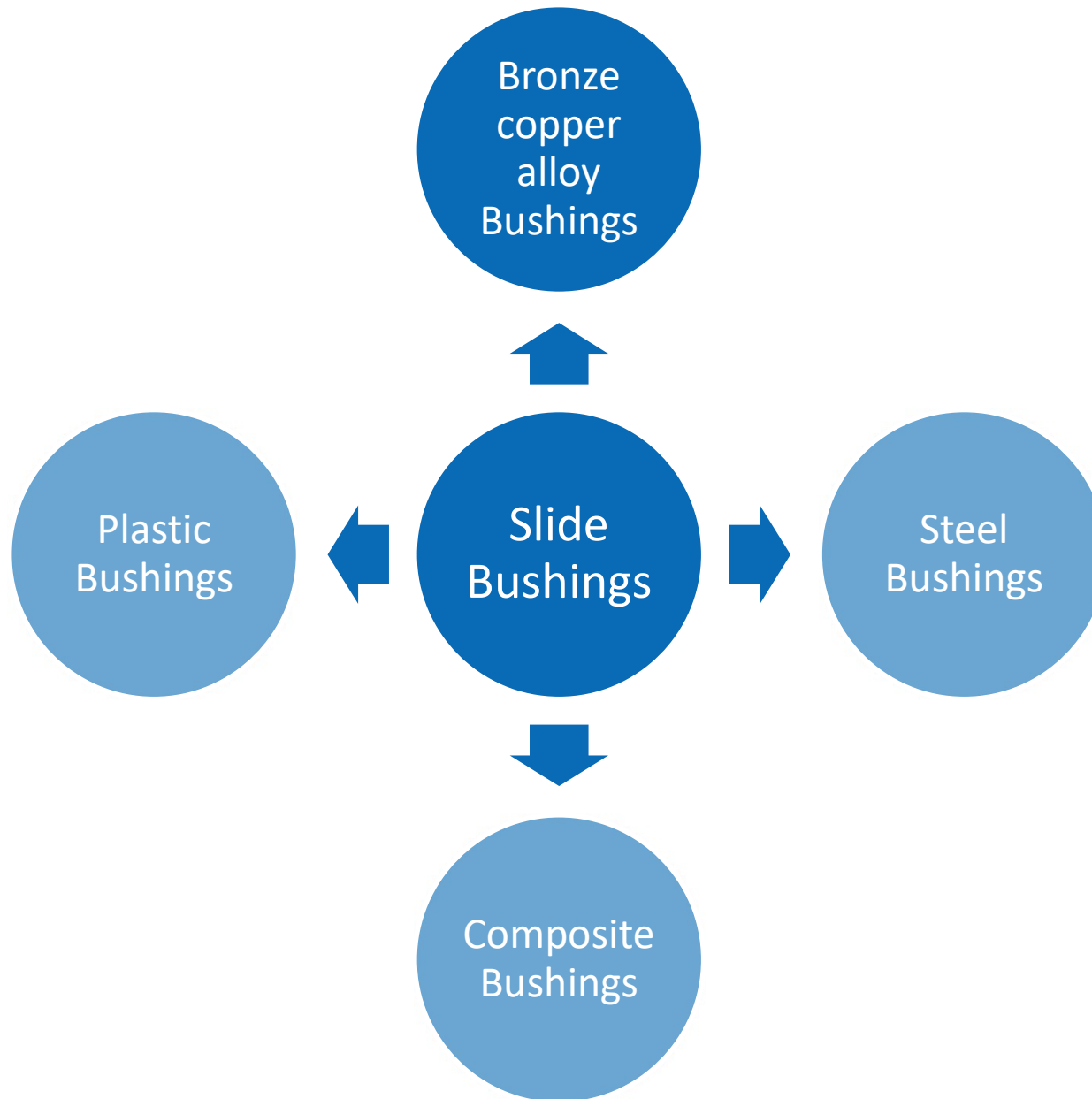


VATIS

Bronze copper alloy Bushings



Oplossingen tegen slijtage en aanplakken



Bronze copper alloy Bushings

- Cu-alloys bearings with smart lubrication grooves and bronze self-lubricating bearings with graphite inserts
- Key features
 - have a high resistance to tribo-oxidation and adhesion
 - are corrosion-resistant
 - are highly resistant to static and dynamic stress in a corresponding composition
 - allows cost-effective production due to robot interfacing CNC manufacturing



- Applications: Cranes and various swivel Bushings
 - jib bearings and various excavator shovels
 - mobile crane joints | ship loaders
 - footstep bearings marine propeller
 - workshop cranes
 - various swivel bearings



High resistance to wear and seizure under severe operating conditions such as high pressure, corrosion, abrasion and shocks.

Key features

- Excellent resistance to wear and seizure
- Excellent corrosion resistance
- Long greasing intervals
- Excellent distribution of the lubricant on the friction area

Properties

- Static pressure max (MPa) 200
- Dynamic pressure max (MPa) 60
- Speed (m/s) 0.2
- Max Temp (°C) 250 with periodic greasing
- Greasing intervals Depending on topography



Tolerances

- Bushing inner diameter H9
- Bushing outer diameter p6
- Housing H7
- Shaft tolerances f7
- Shaft roughness $R_a < 0.8$
- Shaft hardness > 56 HRC

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