



Manufacturing engineer (responsible for cutting tools)

Tasks, responsibilities

- define cutting tools for industrializations of metallic elementary parts (turning, milling, grinding, gear manufacturing)
- support programmers in choice of cutting tools and machining parameters
- manage cutting tool database
- create 3D models of cutting tools for CAM programming
- keep in touch with suppliers
- support serial production in cutting tool related issues

Skills:

- freshly graduated with BSc degree in mechanical engineering preferably with a specialization in manufacturing/machining (MSc degree is an advantage)
- autonomy in English, basics of technical vocabulary
- proficiency in a CAD/CAM system (CATIA V5 or 3DEXperience is an advantage)
- practical approach and rigor

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Engineering support

Tasks, responsibilities

- manage non-conformities created during part production
- examine effects of non-conformities on the function of parts/assemblies
- create reports and propose decisions

Skills:

- Ability to read drawings
- Understanding of how the part works, and the functional issues surrounding its design. Understanding design choices.
- Ability to identify the main elements: material, upper assembly, protections, protection zones, class...
- Ability to create a mobility diagram of the elements of a system by consulting the drawing (pivots / slides / elements secured together...).
- ISO geometric tolerancing concept.
- Creation of chains of dimensions
- Basic knowledge of the Resistance of Structures in statics and fatigue
- Basic knowledge of the main surface treatment protection modes and touch-up for Steel / Stainless Steel / Titanium / Aluminum.
- Basic knowledge of the main thermic treatment, heat treatment modes and their consequences.
- Generic knowledge of metallurgy
- Technical, pragmatic, rigorous, organized, synthetic, relational complex industrial environment, English
- Use of CATIA V5 or equivalent

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