

# ISO 636:2017-06 (E)

## Welding consumables - Rods, wires and deposits for tungsten inert gas welding of non-alloy and fine-grain steels - Classification

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Classification .....	2
4.1	General .....	2
5	Symbols and requirements .....	2
5.1	Symbol for the product/process .....	2
5.2	Symbol for strength and elongation of all-weld metal .....	3
5.3	Symbol for impact properties of all-weld metal .....	4
5.4	Symbol for the chemical composition of rods or wires .....	4
6	Mechanical tests .....	9
6.1	Preheating and interpass temperatures .....	9
6.2	Welding conditions and pass sequence .....	10
6.3	PWHT condition .....	10
7	Chemical analysis .....	10
8	Rounding procedure .....	11
9	Retesting .....	11
10	Technical delivery conditions .....	11
11	Examples of designation .....	11
Bibliography .....		13