

ISO 8535-1:2006-08 (E)

Diesel engines - Steel tubes for high-pressure fuel injection pipes - Part 1: Requirements for seamless cold-drawn single-wall tubes

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Dimensions and tolerances	1
3.1	Diameters	1
3.2	Length	2
4	Material processing	4
4.1	Steel manufacturing process	4
4.2	Manufacturing of tubes	4
4.3	Surface quality	4
4.4	Surface finish	4
4.5	Minimum mechanical properties of tubes	5
4.6	Cleanliness	5
4.7	Straightness	5
4.8	Corrosion-resistance	5
5	Testing	6
5.1	General	6
5.2	Scope of tests	6
5.3	Dimension tests	6
5.4	Mechanical property tests	6
5.5	Bending test	6
5.6	Cold upsetting of tubes	6
5.7	Surface quality test	6
5.8	Inside pressure test	7
5.9	Retesting	7
5.10	Test certificate	7
6	Designation	7
7	Identification and marking	8
8	Packing	8
Annex A (informative)	Theoretical maximum pressure for inside pressure testing	9
Bibliography		10