

NES 834 / DEF STAN 02-834

Aluminium bronze with good ductility and impact strength, as well as superior corrosion resistance. Typical applications - Marine Valves, Couplings, Fasteners, Pumps and weapon handling systems.

Technical Data

Nominal Composition by Percent

	Al	Mn	Si	S	Ni	Cu	Fe	-
Min	6.0	-	2.0	-	-	-	0.5	%
Max	6.4	0.5	2.4	-	0.1	BAL	0.7	%

Typical Mechanical Properties

Annealed Condition	MPa		%
Tensile Strength, min	525	-	-
Yield Strength (0.2% offset), min	235	-	-
Elongation on 4D, min	-	-	20
Reduction of Area	-	-	-
Hardness	-	-	-