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ICS 77.150.10
CCS H61

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 1841.1-2026

Aluminium alloy bent profiles for aviation - Part 1: Al-Cu-Mg series profiles

航空用铝合金折弯型材 第1 部分：Al-Cu-Mg 系型材

(English Translation)

Issued on: April 15, 2026 **Implemented on: November 1, 2026**

Issued by: Ministry of Industry and Information Technology

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Foreword

YS/T 1841.1-2026 is a recommended industry standard of the People's Republic of China in the Nonferrous Metals sector, approved and issued by the Ministry of Industry and Information Technology on 15 April 2026, with effect from 1 November 2026.

Classification: ICS 77.150.10; CCS H61.

1 Scope

The document specifies the product classification, technical requirements, test methods, product qualification, process control, inspection rules, marking, packaging, transport, storage, quality certificate and order form content for aviation Al-Cu-Mg series aluminium alloy bent profiles, such as those in alloy 2026 in temper T3511. It applies to such Al-Cu-Mg series aluminium alloy bent profiles for aviation use. This is Part 1 of the series on aluminium alloy bent profiles for aviation.

Profile producers, aircraft structure manufacturers, buyers and testing laboratories can use it to qualify suppliers and to define orders. It is a voluntary standard (code with /T), issued by the Ministry of Industry and Information Technology on 15 April 2026 and effective from 1 November 2026. It is a new standard.

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