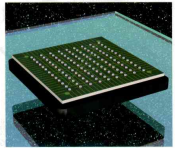
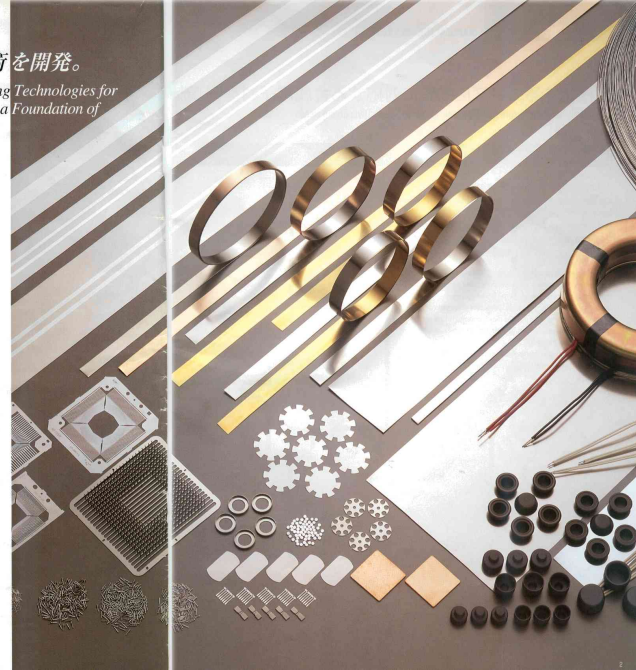
高精度な合金技術をベースに、多彩な金属電子材料の加工技術を開発。

Continual Development of Versatile Processing Technologies for Metallic Materials for Electronics Based on a Foundation of High-precision Technologies for Alloys

エレクトロニクスの発展を支える金属材料の分野において、当社は優れた溶解・圧延・伸線技術を駆使し、板・条・線・棒・平角線で様々な機能をもった製品を提供しています。半導体パッケージ材料やブラウン管材料としての封着合金、ブレーカ・サーモスタットのバイメタルなどに用途が広がる複合合金、AV機器の磁気ヘッドに用いられる軟質磁性材料・パーマロイなど、電子機器の主要パーツとして重要な役割を担っています。

また各種金属材料の素材提供ばかりでなく、プレス・エッチング・機械加工・めっき・蒸着・磁性焼鈍・酸化被膜処理などの二次加工。さらには田製作所、鹿児島住特電子での金属電子材料およびその加工品の製造に関してISO9002認定を取得するなど、素材から加工までの一貫体制のスケールメリットを生かし、品質・コスト・納期の面でユーザーニーズに応えています。

In the field of metallic materials that supports the development of the electronics industry, Sumitomo Special Metals Co., Ltd. provides metals in every shape and form with various functions, capitalizing on its superior manufacturing technologies. Packaging alloys for semiconductors, sealing alloys for CRTs, clad metals for the bimetals used in breakers and thermostats, permalloys for magnetic heads used in audio-visual equipment, all these play important roles as principal parts in electronic equipments.
In addition to providing these various basic metals, Sumitomo Special Metals engages in the development of various secondary processing technologies such as pressing, etching, machining, plating, vacuum deposition, annealing for enhancing magnetic properties, and oxide film treatment. Moreover, Suita Works and Kagoshima Sumitoku Electronics have been granted ISO 9002 certification for the production of electronic metals and their processing technologies. Sumitomo Special Metals, therefore, is uniquely positioned to be responsive to customers' needs as regards quality, cost, and delivery date, taking advantage of its comprehensive production system and consequent economy of scale.