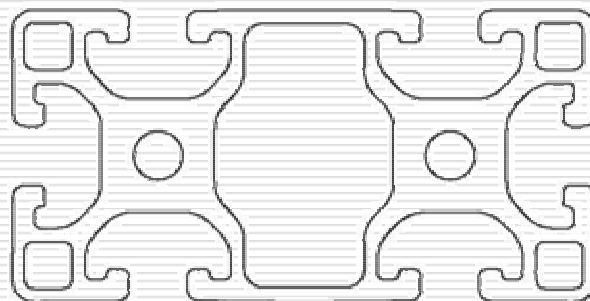
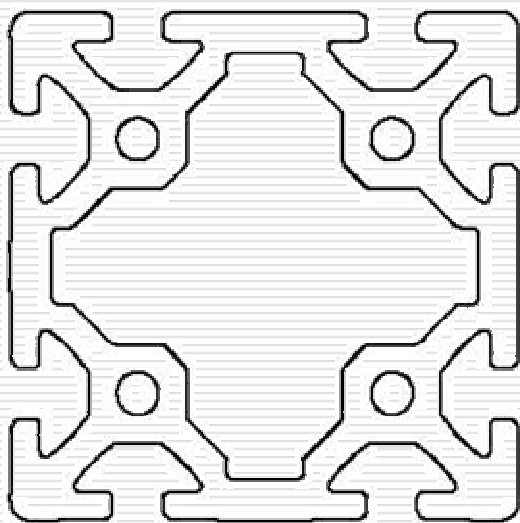
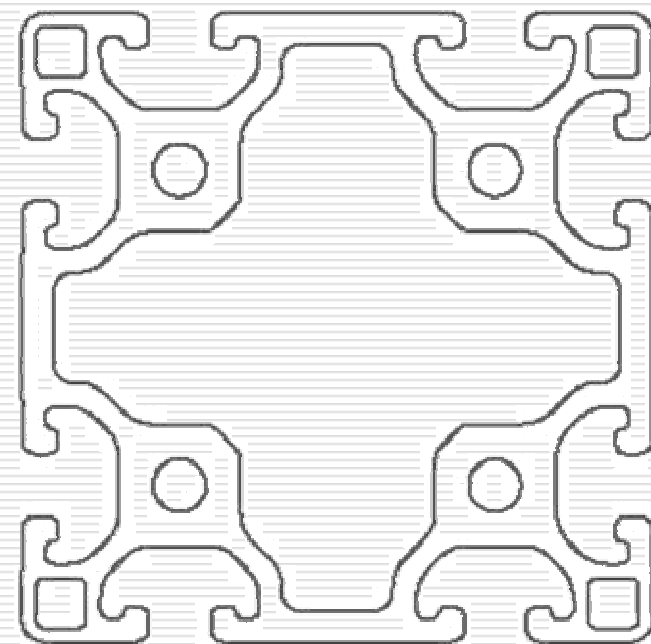


Alliance Aluminum Extrusions



Alliance LLC
1150 Eastport Center
Valparaiso, IN. 46383
Phone: (219)548-3799



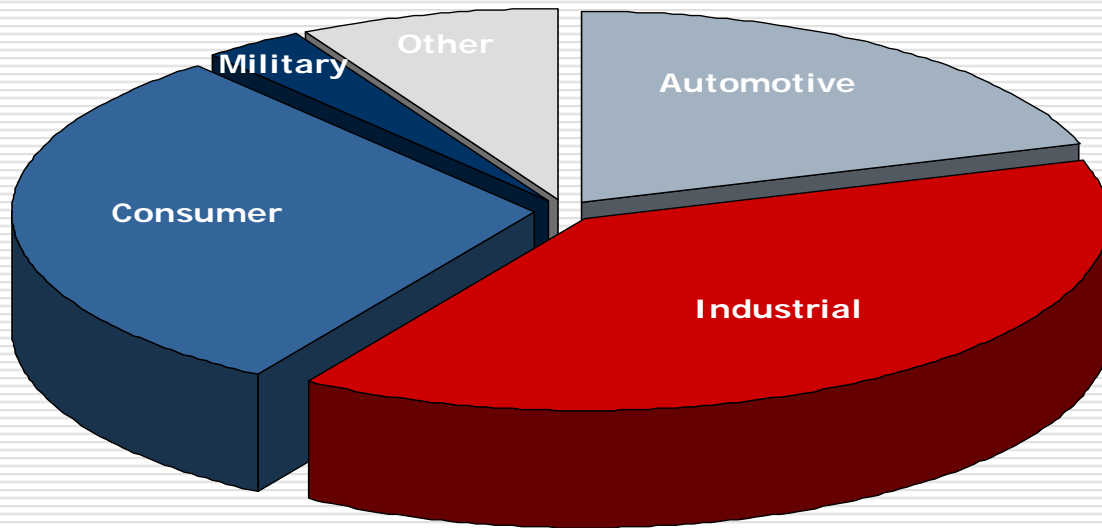


Aluminum Extrusions, Sand Cast, Die Cast; Magnets of Rare Earth, Ferrite, Alnico; Motor Shells, Lams and Armatures

Alliance Information

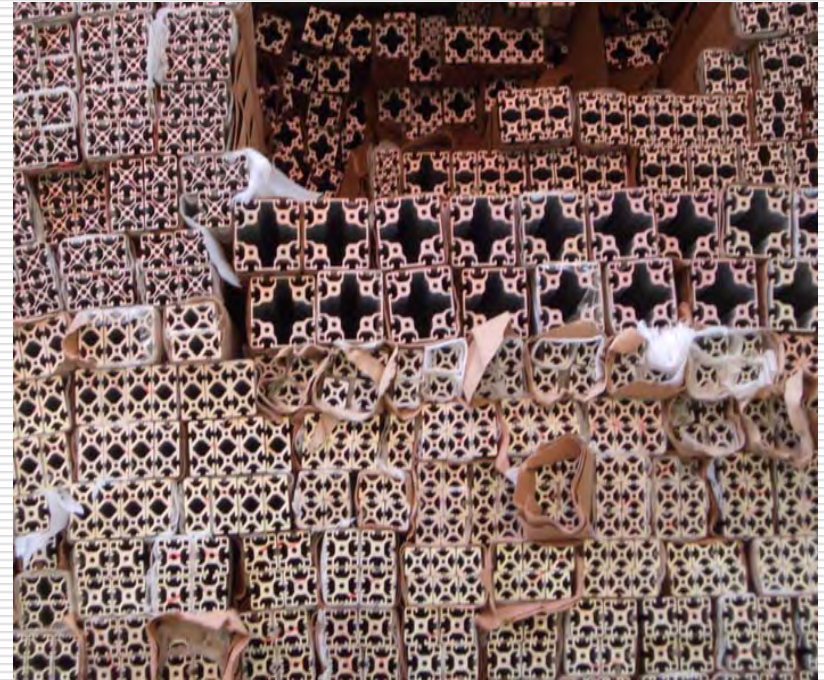
- ☐ *Key products are Aluminum Extrusions, Magnets and Castings*
- ☐ *Main office is in NW Indiana with 8 satellite offices throughout the US*
- ☐ *6 Warehouses strategically located throughout North America: Valparaiso, IN. Oklahoma City, OK. Minneapolis, MN. Toronto, Canada. McAllen, TX. Louisville, KY.*
- ☐ *Sales to OEM Automotive, Industrial Automation, Motor and Sensor markets*

Markets Served



Factory Information

- ❑ *Annual production 32,000 MT*
- ❑ *12 Automatic 2,000 T Extrusion Lines*
- ❑ *Over 1,500 existing profiles*
- ❑ *ISO 9001, audited by IQNet*
- ❑ *250,000 sq. ft and 550 employees*
- ❑ *Generate own electricity & Aluminum Billets*



Quality Standards

- ❑ *ISO 9001 certified by IQNet, International Certification Network in 2000*
- ❑ *Certified for export quality to North America by the US Asia Economic Trade Council*
- ❑ *IQAC for conformity to US material standards*
- ❑ *QS9000 compliant*



Quality Procedure

- ❑ **Factory issues a Control Plan for each part number**
 - *Details every stage of the manufacturing process per item*
 - *Each stage has test method and control parameters*
 - *End of each stage has acceptance or rejection criteria and a reaction plan*
 - ❑ **Finished product is inspected prior to packaging**
 - *QC and inspection plan is provided by customer and implemented*
 - *QC policy and procedure is according to ISO9001 standards*
 - *Test results are logged and summary provided to customer with each lot*
 - ❑ **Inventory and Traceability**
 - *Parts are labeled with tracking data and warehoused at factory*
 - *Parts are sent to Alliance's warehouses with customer data labeling*
 - *Alliance segregates parts by lot and part number. Data is entered in secure internet site accessible to our high volume customers by entering username and password*
 - ❑ **QC steps at Alliance**
 - *Incoming inspection for defects and factory quality audit*
 - *Parts Green labeled as "QC Pass" and warehoused for delivery*
-

Processing



Factory Images



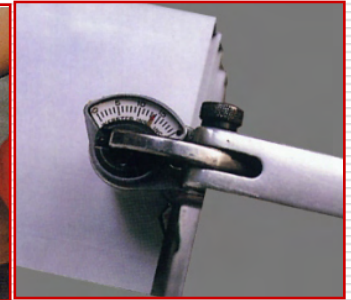
Anodizing and Coating

- ❑ *Four automated Anodizing lines*
- ❑ *Each line consisting of 14 treatment and rinsing tanks*
- ❑ *Over 15 anodized colors available*
- ❑ *Each color has 30 shades available*
- ❑ *ED Coating available*

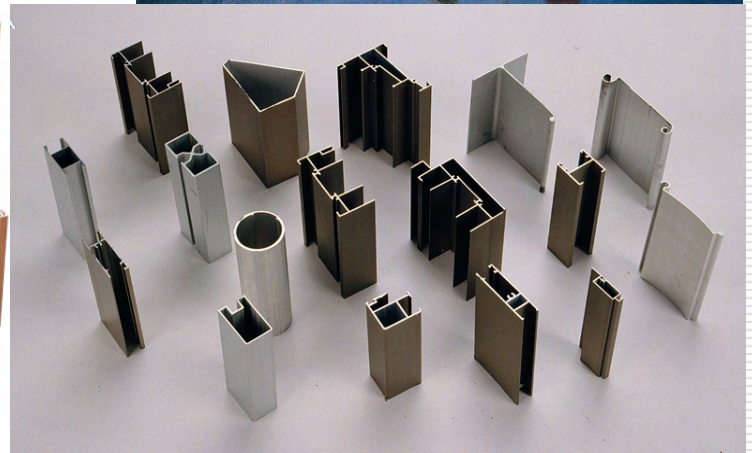
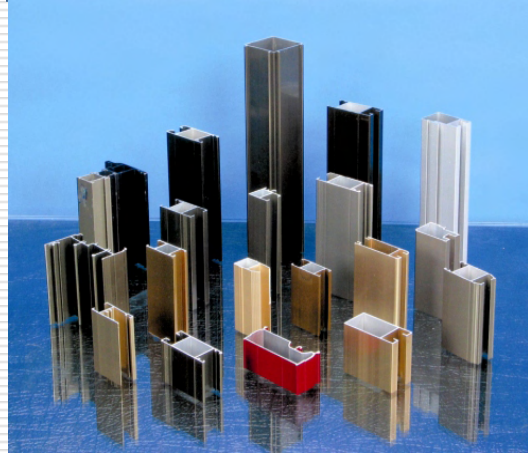
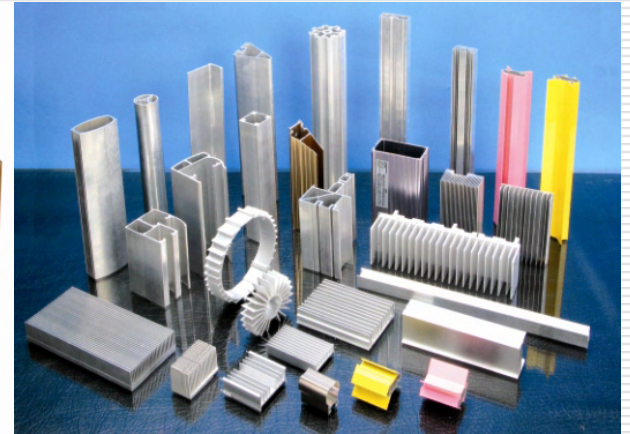
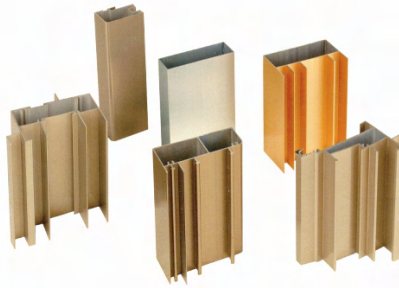
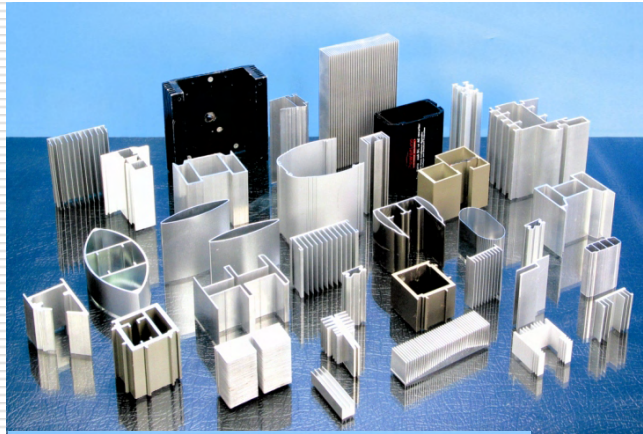


Testing and Quality Control

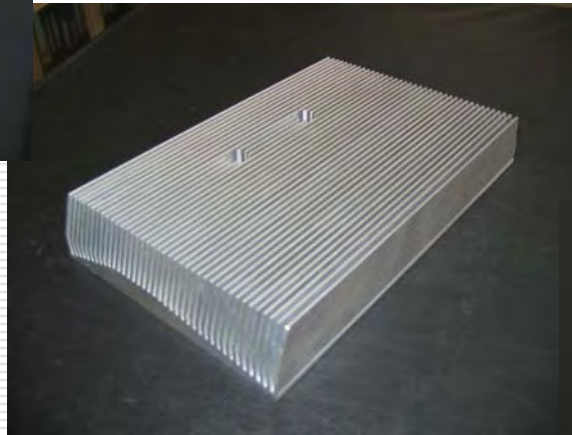
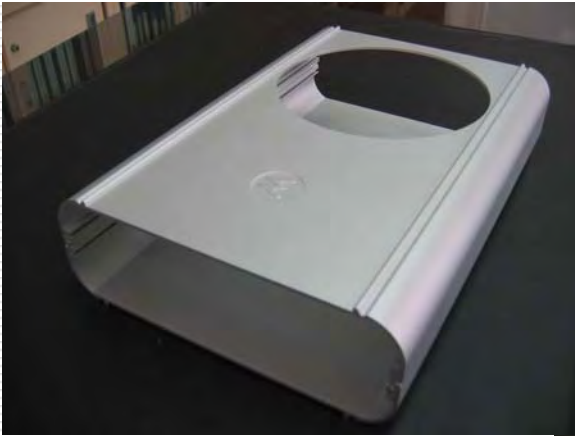
- ❑ *Chemistry is monitored by an in-house Atomic Absorption Spectrometer*
- ❑ *Coating Hardness and Life Test*
- ❑ *Extrusions can be machined and stamped to final size and shape*
- ❑ *Full PPAP documentation per QS9000 requirements with each sample lot*
- ❑ *Almost all Aluminum grades and tempers are available*



Products



OEM Products



Summary

- *Alliance provides quality service & operation.*
 - *Alliance will work with our factory to create a buffer inventory that will cover our high volume users when new customer sale spikes occur.*
 - *Alliance will continue to provide cost savings as we develop our supply chain.*
-