

KIMANN™

AEROSPACE

AEROSPACE SPECIALTY METALS SUPPLY,
MACHINING & HEAT TREATMENT,
KANBAN & SCM-VMI SERVICES



Stocking & Logistic Services



Sawing & Slitting Services



Machining & Outsourcings



Heat Treatment Services

WHERE YOU & METALS ARE SPECIAL

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ISO 9001:2015 • AS9100:2016 (AS9100D) • ISO 14001:2015 • BS OHSAS 18001:2007 • bizSAFE STAR

SERVICE CENTRES Malaysia • Thailand • India • Indonesia • Philippines



AN AEROSPACE SPECIALTY METAL SUPPLIER & SERVICE PROVIDER

Kim Ann Engineering is the leading aerospace specialty metal stockholder in Singapore and has a strong market presence in Asia, with an extensive range of materials meeting international aerospace standards of AMS, ASTM, BS, MIL-S, DIN and Fed-QQ specifications. Typical material grades are as listed below. Other quality grades can be offered upon request.

ALLOY STEELS

- AMS 5731, A286
- AMS 5749, BG42
- AMS 6260, E9310
- AMS 6265, E9310 VAR
- AMS 6274, 8620
- AMS 6346, 4130 H&T
- AMS 6348, 4130 Normalised
- AMS 6382, 4140 Annealed
- AMS 6411, 4330M
- AMS 6414 / 6415, (MIL-S-5000), 4340
- AMS 6417 / 6419, 300M(4340M)
- AMS 6440, 52100
- AMS 6471, Nitriding Steels (135 Mod)
- AMS 6444, E52100 VAR
- AMS 6487, H11
- AMS 6512, 6520, Maraging 250
- AMS 6514, Maraging 300
- AMS 6515, Maraging 350
- BS970
- S82
- S99
- S130D
- S132
- S143D
- S145H
- S154
- 35CD4
- 35NCD16

STAINLESS STEELS & SUPERALLOYS

- AMS 5613, 410SS
- AMS 5616, 481SS
- AMS 5617, Custom 455
- AMS 5629, 13-8PH / 13-8MO
- AMS 5630, 440C
- AMS 5639, 304 / 304L
- AMS 5643, 17-4PH
- AMS 5644, 17-7PH
- AMS 5659, 15-5PH Round Bar
- AMS 5862, 15-5PH Sheet/Plate
- AMS 5654, AISI 347
- AMS 5662, Inconel 718
- AMS 5666, Inconel 625
- AMS 5759, Cobalt L-605
- AMS 5773, Custom 450
- AMS 5764, Nitronic 50, UNS S20910
- AMS 5848, Nitronic 60, UNS S21800
- AMS 5844, MP35N
- AMS 5894, Cobalt Alloy Stellite 6B
- AMS 4676, Monel K500
- INVAR 36 / NILO 36
- QQ-S-763, Corrosion Resistant Steels
- Z15CN17-03
- Z6CNU17.04
- Z6CNU15-05
- Z8CND17-04

NON-FERROUS METALS

Bronze & Copper Alloys

- AMS 4590, C63020
- AMS 4635, C62300
- AMS 4640, C63000
- AMS 4880, C95510
- AMS 4881, C95520
- AlNiBrz C63200 QQ-C-465
- BS B23 (DTD197A)
- AIR 9070
- CuZn19Al6 - UZ19A6
- CuAl11Ni5Fe5 - UA11N

Beryllium Free

- AMS 4596, 4598, CuNiSn, C72900

Beryllium Copper

- AMS 4533 / AMS 4535 C17200 TF00 (AT) Bars
- AMS 4534, ASTM B197 TH04 (HT) Bars
- QQ-C-530
- CuBe2 / UBe2

Aluminium Alloys

- AMS 4120, 2024 (T4 / T351)
- AMS 4117, 6061 (T6 / T651)
- AMS 4050, 7050 (T7451) Plate
- AMS 4340, 4342, 7050 Extrusion
- AMS 4124, 7075 (T7351)
- BS L168 (L100, 2014A T6)
- QQ-A-200 (Extruded)
- QQ-A-225 (Rolled, Drawn)
- QQ-A-250 (Sheets & Plates)
- DTD 5014A 2618

Aluminium Profiles

- BAC 1501-100032
- BAC 1505-101254
- BAC 1506-2418

Titanium

- AMS 4911, 6Al-4V Sheet/Plate
- AMS 4928, 6Al-4V Round Bar
- AMS 4921, CP-Ti

Heat Treatment Conditions

- | | | | |
|---------|----------|------------|-------------------------|
| • H900 | • H1100 | • Annealed | • Full Hard |
| • H925 | • H1150 | • 1/4 Hard | • Spring Hard |
| • H1025 | • HH1150 | • 1/2 Hard | • Solution Heat Treated |
| • H1075 | • H1150M | • 3/4 Hard | |

Supply Forms

- | | | | |
|--|----------|-------------------------|--------|
| • Round | • Square | • Hollow | • Tube |
| • Profile Section | | • Strip / Sheet / Plate | |
| • Forging (Close & Open Die / Casting) | | | |
| • Customised Cut Length or Machined | | | |

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