

Specific Fasteners Specialist

Unbrako

TRF

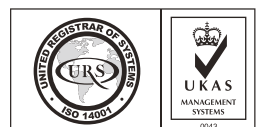
SlimHead

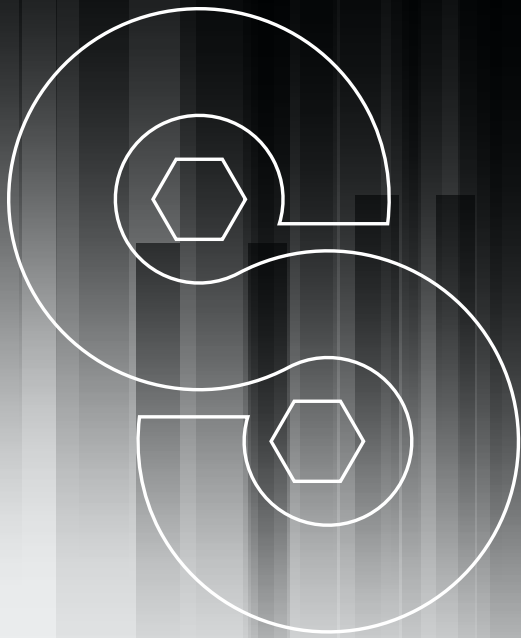
Nonsert

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🌐 www.synergix.sg





Our Values

Profile

SYNERGIX, a SINGAPORE SME company since year 2000. It's operation specialize in Performance Fastening, Tamper Proof Security Fastening, Customize Machined Parts & Specialty Designed / Material Fastening to meet specific industry requirements & applications.

Mission

Our mission, is to deliver un-compromise services & quality products to our clients with most competitive & economical cost.

Engineering Know-How

When partnering with Synergix, we provide extensive technical & engineering support, which by doing so, create value add to the product competitiveness.



A SOLUTION OF
High Strength
Anti Loose
Corrosion
Chemical Resistance Solution



FASTENERS WITH
Anti Thief Solution
Anti Removal Solution



MILITARY RATED
MS | AN | NAS
OTHERS
ISO | DIN | JIS | ANSI | AMSE |
UNI | BS | SAE



CERTIFIED AS
ISO 9001
ROHS ISO 14001



If your application requires anti-tamper, anti-theft or other security purpose, TRF is your SOLUTION!

Choose from a wide range of fastener head styles & thread types, with anti-corrosion material.

nonsert®

NONSERT® – No more metal insert in plastic!

- Low Driving Torque. High Failure Torque 3-Cr zinc plated (No Cr [VI]) for standard stock
- Prompt shipment from our stock, dia. 1.4-6mm (steel 3-Cr zinc plated, stainless steel)



SLIMHEAD special low head machine screws

- SlimHead screws are very thin head height (M2 SlimHead height: 0.5mm)
- Low head screws (DIN 7984) are available in stock (M3-M24)

BRAND NAMES

Standard Fasteners

- DIN
- ISO
- JIS
- ASTM, SAE
- MS, NAS, ANSI

For comprehensive list of specific brand fasteners, please log on to our website at www.synergix.sg

Synergix specialise in high quality precision machining and fabrication of turned parts for a broad range of electronics & engineering industries.

PRECISION MACHINING PARTS/ CUSTOMISED FASTENERS

TURNING MATERIAL WITH DIAMETER RANGING FROM

- 0.5 mm to 35.0 mm
- Length up to 500 mm

TURNING MATERIALS

(Form of round, hexagon, square & hollow rod) include

- Steel : Low, Medium & High Strength
- Aluminum, 1000, 2000, 6000 series
- Brass
- Stainless steel, A1, A3, or A5 etc...
- Plastics e.g. PVC, Nylon, Polyamide,
- ABS, Delrin etc....

TREATMENT

(Surface)

- CR3 Plating (Rohs Compliance)
- Black Oxide (On stainless too!)
- Manganese Phosphate
- Hardening, "Case or Thru" Type
- Zinc in Clear, Blue, Yellow, Black
- Olive Chromate
- Telfon

All our products are precisely manufactured complete to meet the highest standards demanded by our customers. ROHS Compliances parts are available!



Our Products

MATERIALS

- STEEL MID-GRADE 4.8 | 5.8 | 6.8
- STEEL HI-GRADE 8.8 | 10.9 | 12.9
- STEEL GRADE 2 | 5 | 8 | 10 | 12
- STEEL GRADE L9 (SPECIAL)
- STAINLESS STEEL A1 | A2 | A4
- STAINLESS STEEL A3 | A5
- STAINLESS STEEL 300 SERIES
- STAINLESS STEEL 304L | 316L
- STAINLESS A2-100 STRENGTH
- STAINLESS A4-80 STRENGTH
- STAINLESS 310S | 316L
- ALUMINIUM 6000
- TITANIUM
- MONEL 400
- INCONEL 600
- HASTELLOY B | C
- NIMONIC 80 | 90 | 105
- COPPER
- BRASS
- BRONZE
- NYLON | PEEK | DELRIN
- PVC | PPS | ABS

STANDARDS

- ISO
- JIS
- DIN
- ASTM
- ANSI
- ASME
- SAE
- MS
- MIL-SPEC
- NAS
- AN
- BS

COMMODITIES MIX

- SOCKETS
- BOLTS
- NUTS
- SCREWS
- WASHERS
- RINGS
- BEARINGS
- SEALS
- CABLE MANAGEMENT PRODUCTS



Unbrako Performance Fasteners



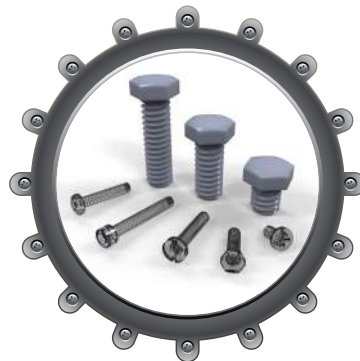
Military Rated Fasteners



Security Fasteners



Anti-Loose Fasteners



Chemical Resistance Fasteners



CNC Machined Fasteners



Nuts & Inserts



Washers

Unbrako



UNBRAKO® is the world's best-known and best-performing socket screw product.

The Unbrako Engineered Fasteners business coordinates on a worldwide basis the manufacture and distribution of:

- UNBRAKO® socket screws
- FLEXLOC® all-metal locknuts
- DURLOK® vibration resistant nuts and bolts

In addition, Unbrako manufacturing facilities utilize their unparalleled expertise and capabilities to offer special custom Engineered Specials to its OEM customer base.

HISTORY

Synonymous with the history of SPS Technologies, the Unbrako brand is over 80 years old and remains the socket screw by which all others are measured. Developed in the 1920s, it rapidly became the socket screw of choice for engineers in the US and Britain. After World War II, the product spread to all worldwide markets and today is recognized as the brand and performance leader in over 25 industrialized countries.

KEY FEATURES AND BENEFITS

Tensile strength of 190,000 psi / 1300 MPa exceeds international ANSI and ISO standards. It permits one of the best clamping loads available in similar products.

A series of unique physical stress-relieving features on every bolt ensure one of the greatest fatigue life performances for this grade of product.

Unique E-CODE™ traceability system sees to traceability on every bolt.

APPLICATIONS

UNBRAKO® socket screws, the most widely recognized fastener brand name in the world, are used in machine tools, tools and dies, earth moving and mining machinery, and a wide range of industrial and engineering applications. Sold through technically qualified stocking distributors, UNBRAKO® socket screws are high-strength fasteners certified by Unbrako to meet or exceed industry standards. For example, UNBRAKO® socket head cap screws are 10,000 psi (100 Mpa) above industry standards and most competitive products



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