



KAM KAM-04

We fasten the future together



Who We Are

A team of 75 qualified and dedicated employees

International sales: 2 qualified experts, who are personally engaged to meet the demands of every single customer

Bulgarian sales: 31 qualified representatives

More than 19 years of experience in the field of fasteners

Own trademarks:
kamfix, **kamtools** and **MAXX FORTE** -
a guarantee for high quality

Long term co-operation with reliable manufacturers

01

02

03

04

05

Own logistic network

Fleet of cars and vans –
more than 35 vehicles

**Own storage facilities area of 4 200 sq. m.
with capacity for over 9 200+ pallets**

A wide assortment of more than
12 000 articles
with guaranteed high stock reserve

History of KAM-04

The beginning

The beginning of company's activity was set thanks to the expertise and enthusiasm of two young experts.

2005

Digital transformation

A specialized ERP system was introduced to assure management and control of all company processes.

2010



KAM-04 registered 2nd own protected trade mark.

2017



KAM-04 introduced Quality Control System and registered 3rd own protected trade mark.

2020

Variety

Product range is increased with stainless steel fasteners.

2004

kamfix

KAM-04 registered its 1st own protected trade mark.

2007

Growth

KAM-04 acquired own storage facilities with an area of 2 750 sq. m. and a place for 5 300+ pallets.

2016

Digital refresh

A new and up-to-date web-site and an Internet shop were launched.

2019

Export

Beginning of an export activity and an increase of the storage facilities area to 4 200 sq. m. and capacity to over 9 200+ pallets.

2022



Self-Drilling and Self-Tapping screws

A complete range of screws designed for different applications: for wood, metal, concrete. Wood screws with special design – no pre-drilling and no cracking of wood.

BOLTS

Metric bolts and anchors

Everything needed for responsible fastening of elements and structures. A variety of bolts, anchors and threaded rods. Different strength grades – from 4.8 to 10.9.

SCREWS





Galvanized and black painted plates

Wide range of fastening brackets, plates and bases for fixing wood elements used in wooden constructions. Everything you need for wooden constructions and DIY projects.

NUTS AND WASHERS

Metric nuts and washers

Required elements for fastening at each threaded connection. They are used in combination with bolts and threaded rods.

CONSTRUCTION BRACKETS





- Designed to go into a pre-drilled hole in concrete - **QUICK, EASY and RELIABLE INSTALLATION.**
- **EXCELLENT SOLUTION** for installation of metal structures in uncracked concrete / grade above C12/15 / and stone.
- **SUITABLE for high loads.**

WEDGE ANCHOR WITH WASHER and NUT

- During the tightening the Anchor bolt is pulled into the expansion clip and pressed against the walls of the hole.
- Main advantage: **STAINLESS STEEL SEGMENT** - SECURITY AND STRENGTH OF FIXING.

Installation of Wedge anchor

A



B



C



D



- A. When installing wedge anchors, it is necessary to pre-drill a hole with a suitable drill.
- B. The cleaning of the dust is mandatory.
- C. When tightening the nut the bolt retracts. The segment dissolves and wedges into the base.
- D. This ensures a strong and reliable connection between the detail and the base.

HIGH STRENGTH FASTENING WITH BLACK OXIDATION

High-strength bolts class 10.9 can withstand higher loads compared with the other bolts.

Black oxide coating:

- ✓ It does not change significantly the size of the fasteners as hot-dip galvanizing.
- ✓ Ensures a tight fit between the coating and the base of the fasteners.
- ✓ Reduces friction through better lubrication between parts.
- ✓ Provides high resistance of the surface to peeling, breaking, cracking and fading.

- ✓ Improves corrosion and abrasion resistance by additional lubrication.
- ✓ Durable decorative coating that gives aesthetic appeal.
- ✓ Minimizes light reflection and gleam.



kamfix

FocusProduct

The choice
of the
professionals



Advantages:

- **TORX drive** - allows higher torque.
- **Self Tapping type 17 point** - provides easy and fast penetration without cracking even in the hardest wood.
- **Knurled Shank Shoulder** after the helical line – guarantees reduction of friction when turning.
- **The separate helical line** - helps for better penetration into the wood.
- **Zinc coating** - protects the screw from the environment.

CHIPBOARD SCREWS WITH TORX DRIVE AND TYPE 17 POINT

INNOVATIVE DESIGN - suitable for wooden structures subjected to high tension

Head variants and size range:

- Variety of sizes - from f 3.0 to f 10.0 and lengths from 16mm to 400mm;
- With a countersunk head which provides an aesthetic finish to the fastener;
- With a wafer head which provides a larger area for pressure distribution.



DRYWALL SCREWS WITH BLACK / GREY PHOSPHATING

Application:

In dry construction, for attaching gypsum boards to metal load-bearing constructions.

Black / gray phosphating:

- improvement of **friction properties of sliding components.**
- protection against **corrosion and rust**

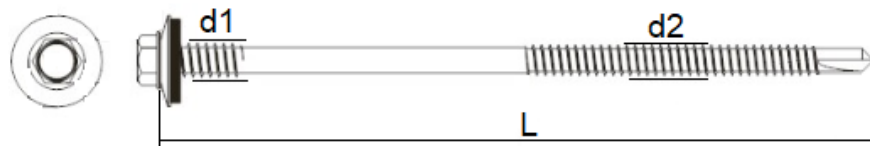
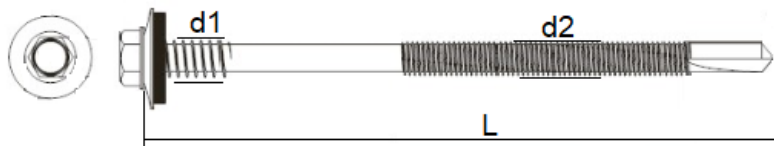
Corrosion resistance:

48 hours test in saline solution.



- Screw drilling capacity **from 4 mm to 12 mm**
- **Long drill tip # 5**
- **Fine thread pitch** at diameter d2 5.5 mm. – suitable for metal bases **from 4 to 12 mm**. Penetrates metal more easily.

- Screw drilling capacity **from 2 mm to 6 mm**
- **Short drill tip # 3**
- **Coarse thread pitch** at diameter d2 6.3 mm. - suitable for metal bases **from 2 to 6 mm**. Reliable attachment to metal bases.



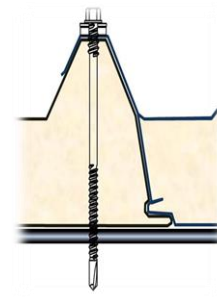
HEXAGON HEAD SANDWICH PANEL SCREW WITH EPDM WASHER

- *drilling capacity up to 6 mm*
- *drilling capacity up to 12 mm*

Advantages:

For mounting sandwich panels to metal bases:

- Two different thread diameters:
 - d1 - diameter 6.3 mm - designed to hold the sandwich panel
 - d2 - diameter 5.5 mm - for penetration and gripping in the metal base
- Zinc coating - corrosion resistance



ProductRange



Framework, thermal and hydro insulation fasteners

Produced by a leading European manufacturer.
Wide variety of plugs offering fast and reliable
fixing for any installation and substrate.

TOOLS

Drills, special discs, accessories

The choice of the professionals – variety of
types and guaranteed quality.

FRAMEWORK AND INSULATION FASTENERS



INSULATION FASTENERS

Application:

Fastening materials for external thermal insulation:

EPS /expanded polystyrene/ and

XPS /extruded polystyrene/

High retaining resistance to different type of bases.

Safe and reliable fixing thanks to the innovative design and the existence of additional feathers in the expansion zone.

Reinforced head construction – hammer resistant.

The asperities of the support washer **increases plaster adhesion.**

Fast and easy installation.

**METAL HAMMER-DRIVEN FASTENER FOR INSULATION**

in set with metal washer

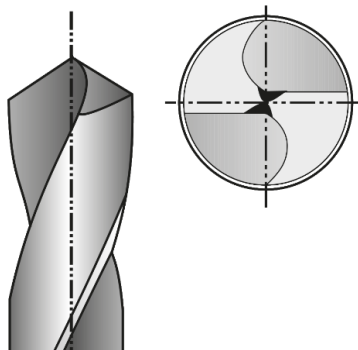


made of GALVANIZED STEEL

high mechanical durability

**Construction product with
FIRE REACTION CLASS A1
/NON-FLAMMABLE/**

used for mineral wool



Drill for professional use. It is made of high carbon steel / M2 / , which determines the much higher quality of this type of drill

- ❖ **HSS** / High-speed steel / - high-performance high-speed steel.
- ❖ **G** /Filly Ground/ - Precisely grounded drill

DRILL FOR METAL HSS-G DIN 338

- ❖ The precisely grounded drill allows for up to 40% faster drilling respectively up to 50% less feed force than low-end drills.
- ❖ Self-aligning, double-sharpened tip - makes pre-marking of the center of the metal unnecessary.
- ❖ PERFECT CENTERING without deviations.
- ❖ The drill also performs excellent on rounded surfaces such as metal pipes.



SOLID
SDS PLUS DRILL
for CONCRETE

with
TWO CUTTING EDGES



Reinforced plate:

- ❖ Four cutting edges
- ❖ Two cutting edges
- ❖ Self-centering tip
- ❖ Long life

Main materials:

concrete, brick, masonry,
silicate block, natural stone, etc.

Double spiral:

- ❖ Optimal dust removal
- ❖ Provides a higher drilling speed
- ❖ Tail with SDS Plus grip - ideal for wide range of electric machines with easy operating mode.





Double spiral



**Reinforced plate
with four cutting edges**

❖ Solid concrete drill with reinforced four cutting edges.

❖ Tail with SDS plus grip ideal for wide range of electric machines with easy operating mode.

SDS PLUS DRILL for CONCRETE with FOUR CUTTING EDGES

Advantages:

Double spiral:

Optimal dust removal for easier and faster drilling

Reinforced plate:

- ❖ Four cutting edges
- ❖ Self-centering tip
- ❖ Long life

Suitable for drilling holes in materials:

concrete, reinforced concrete, brick, masonry, silicate block, natural stone, etc.

DRILLS FOR WOOD

Made of HIGH-GRADE
HARDENED STEEL

HIGH QUALITY

SPIRAL drill

- LARGE SPIRAL CHANNEL - optimal sawdust and chips removal
- Achieving a PRECISE AND DEEP HOLE WITH SMOOTH EDGES
- CENTERING TIP for fixing the material

FLAT drill

- Practical option for CUTTING HOLES IN SOFT AND HARD WOOD
- Applicable when DRILLING CHIPBOARD AND PLASTERBOARD
- CENTERING TIP for fixing in the material

UNIVERSAL drill

- TWO SHARPENED cutting edges
- CENTERING TIP for fixing in the material





Cut-off wheels and flap discs are designed for cutting and grinding different types and densities of stone and brick. The tools can be used by portable or stationary machines with peripheral velocity up to 80 m/sec.

ABRASIVE DISCS

Variety of:

- different drilling materials
- disc thicknesses
- disk diameters



FLAP DISC GOLD METAL/INOX ZIRCONIUM OXIDE

Advantages:

- **Very high smoothness of the processed surface** thanks to the structured lamellae and zirconium oxide sandpaper.
- **Self sharpening** due to the specifics of the crystals forming a sharp cutting-edge during working.
- **Higher productivity** and **even wear**.
- **Surface grinding** of different types of metal: on, steel, hard materials and especially suitable for working with stainless steel - inox and high-alloy steel.
- **Suitable for use with portable or stationary machines** with peripheral velocity up to 80 m/sec.



FocusProduct



Operation and application:

- ❖ Neutralizes, stabilizes and transforms iron oxides into blue-black insoluble metal-organic complexes.
- ❖ Fast response time (3 hours).
- ❖ Excellent base for subsequent coatings.
- ❖ Free of volatile organic compounds.
- ❖ Environmentally friendly product.

RUST CONVERTER MAXXFORTE

- ❖ Restores the strength of the metal and creates a protective film against rust and corrosion.
- ❖ Increases the life of steel structures.
- ❖ Provides an optimal base for priming and applying protective and varnish coatings, but can also be applied as a final protective coating without further treatment.
- ❖ Safe and easy to use.



FocusProduct



Application:

- ❖ for protection of reinforced concrete structures (columns, beams, balconies, facades, etc.)
- ❖ for anticorrosion protection of metal surfaces of railway wagons, electric and motor transport bodies, underground transport, pipelines, various tanks, bridges, shafts and elevators
- ❖ in finishing and restoration works of heating systems and equipment that are constantly exposed to moisture

RUST CONVERTER MAXXFORTE

BEFORE



AFTER



KAMBestSellers

Your key
to
Success

- CHIPBOARD SCREWS DIN 7505
- WOOD SCREWS DIN 571
- CARPENTRY SCREWS WITH TYPE 17 POINT
- SELF-DRILLING SCREWS DIN 7504 K, DIN7504 N, DIN 7504 P
- DRYWALL SCREWS
- FRAME SCREWS
- CONCRETE SCREWS
- THREADED RODS DIN 976
- BOLTS DIN 931, DIN 933, DIN 558, DIN 601, DIN 603, DIN 912, DIN 965, DIN 7991
- NUTS DIN 934, DIN 985, DIN 6923, DIN 6334, DIN 1587, DIN 315, DIN 1624
- WASHERS DIN 125A, DIN 126, DIN 127B, DIN 9021
- ANCHORS
- INSULATION PLUGS
- CLAMPS
- TOOLS

KAM Countries of export



KAMPartners





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