

Washers & Studs

RXF-WS

Flat, spring and special washers together with threaded studs and stud-bolting assemblies.



Product division: Industrial Fasteners

Datasheet type: Product-family selection and compliance template

Commercial status: Final manufacturer, dimensions, performance and availability are confirmed in the quotation.

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Selection data and supply scope

Product types	Washers, threaded rods, studs, stud bolts and assemblies
Required data	Standard/drawing, thread, diameter, length, grade, coating and quantity
Materials	Carbon, alloy, stainless, duplex and specified grades
Mechanical properties	Defined by applicable ISO/ASTM/customer standard
Coatings	Plain, zinc, galvanised, PTFE or specified finish
Documentation	Material, mechanical-property and coating documentation as agreed

Capabilities and typical applications

Key capabilities	Typical applications
Flat, spring, lock, spherical and special washers	Flanged joints
Fully threaded and double-ended studs	Industrial assembly
Matched nuts and washers available as assemblies	Pressure equipment bolting
Material and coating options selected by service	Maintenance

Applicable standards and technical references

The references below are a review framework. Only the standards applicable to the exact product, material, size, configuration and intended use are stated as confirmed in the quotation and final manufacturer documentation.

Area	Reference	Applicability / evidence
Quality management	ISO 9001	Manufacturer certificate and scope verified for the selected source
Product geometry	ISO / EN / DIN / BS product standards	Selected by fastener type, dimensions and customer specification
Mechanical properties	ISO 898 / ISO 3506 / ASTM	Applied according to carbon, alloy or stainless material class
Threads / tolerances	ISO 261 / ISO 965 / ASME B1 series	Applied according to metric or imperial thread system
Coatings	ISO / EN ISO / ASTM coating standards	Selected according to finish and corrosion requirement
Materials	EN / ASTM / customer specification	Exact grade, heat treatment and certification confirmed per order

EU conformity and product status

EU conformity status	Reviewed according to intended use and any applicable construction or machinery requirements
CE marking	Not automatically applicable to general industrial fasteners; confirmed product by product
Declaration of Performance	Available only where required for an applicable construction-product route
Documentation	Material, mechanical-property, coating and inspection evidence supplied as agreed

COMPLIANCE CONTROL

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Documentation available where applicable and agreed

Manufacturer datasheet	Final source data for the selected model and configuration
Certificate of Conformity	Product and order reference confirmation according to the agreed source
Material Test Certificate	EN 10204 type 2.2, 3.1 or 3.2 where requested and available
Inspection / test records	Dimensional, pressure, hydro, performance, balancing or functional reports as applicable
Process certificates	Heat treatment, coating, surface finish or other manufacturing records where required
Traceability	Batch, heat, lot or serial records according to product and supply route

Information to include with the enquiry

1	Product, manufacturer, model, part number, drawing or sample reference
2	Quantity, required delivery date, intended application and operating conditions
3	Materials, dimensions, critical performance requirements and customer specifications
4	Mandatory standards plus required EU declarations, certificates, inspection records and document language