PFERD tools

TRUST BLUE

The ideal solution for every application

TRUST BLUE

PFERD

General information

Files

Milling tools

Mounted points

Fine grinding and polishing tools

Diamond and CBN tools

Cut-off wheels, flap discs and grinding wheels

Cut-off wheels for stationary applications

Industrial power brushes

Tool drives

The jumping HORSE

PFERD (the German term for horse) is leading in the development, production and support, as well as in the distribution, of tool solutions for work on surfaces and material cutting. In keeping with a tradition that dates back more than 200 years, PFERD operates as an independent, internationally oriented, family-owned company geared towards the long term.

PFERD tools offer the user maximum benefit and optimum cost-effectiveness. Its unlimited commitment to premium quality, its reliability as a supplier and its responsible use of resources all make PFERD a dependable and reliable trading partner that operates with sustainability in mind.

Marienheide, Germany

Greater economic efficiency

Each and every day, PFERD tools solve application problems within a great number of industries. Innovations in this area regularly offer considerable added value: not just for users, but for trade as well – PFERD innovations are unique selling propositions!

PFERD product management is constantly updating and further developing the range in line with your wishes and needs. If required, PFERD can develop your own tailor-made solution, always with the aim of attaining the highest levels of cost-effectiveness for you.

Formula for success

The PFERD formula is the basis for your success. Workers all over the world trust blue and choose PFERD.

The combination of individual consultation and innovative high-performance tools, together with the worker's experience on site, consistently guarantee optimum work results.

The PFERD formula

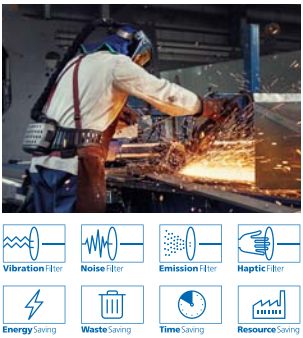
Innovative, high-performance tools
+ Individual, targeted **consultation**
+ Correct selection of **drive**
+ Worker's **experience**

= Optimum **economic result**

All tools and more information:

www.pferd.com

Ergonomic and efficient – **PFERD**VALUE



Consultancy services, e.g. to improve working ergonomics or to boost economic efficiency, are increasingly gaining importance among international competition. **PFERD**VALUE systematically factors in working ergonomics and economic efficiency with the aim of maintaining optimum worker health and attaining the best possible level of efficiency.

Speak to your PFERD representative and uncover your added value with PFERD.

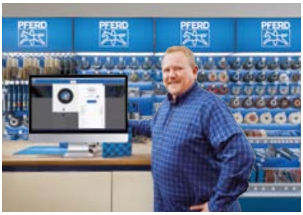
Know-how

Besides the Tool Manual and a number of other publications, PFERD provides knowledge in many forms.

The PFERD website focuses on solutions. Using the product finder on the home page means that the ideal product is just a few clicks away. The PFERD App makes all the knowledge that PFERD has to offer also available on mobile devices. Anytime, anywhere. The PFERD YouTube channel not only displays product and application videos; our "TOOLTORIALS" explain how to use the tools correctly and safely.

Anyone wanting to learn even more can connect with PFERD on one of the social media channels and become part of the PFERD family.

Taking action together



Within the marketplace, PFERD is perfectly at home within trade circles. The close-knit trade network guarantees a fast response. With ongoing training, the retail market is the ideal on-site adviser.

Whether on site, on your premises or over the Internet: PFERD offers powerful support for your sales. The **PFERD**TOOL-CENTER presents the bestsellers and allows to experience the PFERD tool world. But we are also ideally equipped to help you online. Procurement is quick and easy using the PFERD Shop, via EDI, nexMart or other portals that suit your needs. Our traffic translates into your sales. If you are connected to our online catalogue using data View and retail Connect, visitors to our website become your customers in a single click.

The PFERD data service provides you with all the information, images, videos and classifications you need. This means we will also be able to trade together successfully in future.

Better PFERD

Quality is directly connected with benefit and customer satisfaction. That's why PFERD researches and develops innovative, high-performance products.

Our own machine and plant construction, and the continuous testing and further development of the quality and safety standards in our own laboratories all guarantee the proverbial PFERD quality. As a founder member of the "Organisation for the Safety of Abrasives (oSa)", PFERD also offers the highest possible levels of safety for the user by constantly monitoring manufacturing in all PFERD production facilities worldwide.

PFERD quality management is certified according to ISO 9001.

Expertise is BLUE

In-depth knowledge of the interactions of tool, material and tool drive forms the foundation for the optimization of machining processes.

PFERD sales representatives and technical advisers along with the **PFERD**TOOL-MOBILE are employed daily around the world in order to find the best solution to your application problem – together with your retailer, on site and individually tailored to you.

In the **PFERD**ACADEMY, we provide highly specialized and practical knowledge from the world of grinding and cutting. The seminar blocks follow on from each other, so step by step you will become a PFERD tool specialist.

PFERD publications – in print and online – make a great impression: they are easy to understand, offer tool navigation with a logical structure and provide in-depth technical knowledge.

Always at your side

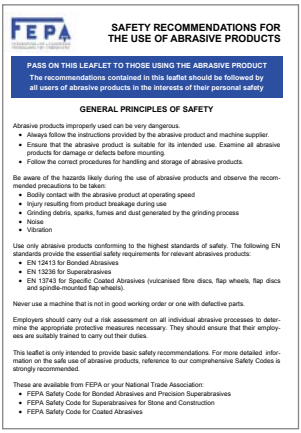
Near-100 % availability and a reliable global logistics network with its own warehouses right around the globe – welcome to **PFERD-**LOGISTICS. Your order will be dispatched to you within 24 hours.

PFERD in-house representatives handle your enquiries personally and are dedicated to dealing with your order efficiently. Maintaining this close dialogue is the key to mutual success.

With a comprehensive network of over 25 distribution companies worldwide and more than 100 international trading partner representatives, PFERD maintains a wide presence, including a location near you.

Tool manufacturers, machine manufacturers and tool users contribute equally to labour safety. All PFERD tools are manufactured in accordance with prescribed safety codes and specifications. The user is responsible for ensuring that power tools will be employed for their intended purpose and that tools will be handled and used in a professionally appropriate manner.
In particular, the following principle applies:
The stated maximum operating speed [m/s] must never be exceeded.

PFERD offers **user information** in accordance with Directive 2001/95/EG on **general product safety** and the law on the provision of products on the market (Article 6, paragraph 1, No. 1 ProdSG), summarizing the information necessary for the safe use of roughing and cutting tools from PFERD on hand-held grinders and cutters. This information can be retrieved at **www.pferd.com**.



FEPA

SAFETY RECOMMENDATIONS FOR THE USE OF ABRASIVE PRODUCTS

PASS ON THIS LEAFLET TO THOSE USING THE ABRASIVE PRODUCT
The recommendations contained in this leaflet should be followed by all users of abrasive products in the interests of their personal safety

GENERAL PRINCIPLES OF SAFETY

Abrasive products improperly used can be very dangerous.
- Always follow the instructions provided by the abrasive product and machine supplier.
- Ensure that the abrasive product is suitable for its intended use. Examine all abrasive products for damage or defects before mounting.
- Follow the correct procedures for handling and storage of abrasive products.

Be aware of the hazards likely during the use of abrasive products and observe the recommended precautions to be taken:
- Bodily contact with the abrasive product at operating speed
- Injury resulting from product breakage during use
- Grinding debris, sparks, fumes and dust generated by the grinding process
- Noise
- Vibration

Use only abrasive products conforming to the highest standards of safety. The following EN standards provide the essential safety requirements for relevant abrasives products:
- EN 12413 for Bonded Abrasives
- EN 13236 for Superabrasives
- EN 13743 for Specific Coated Abrasives (vulcanised fibre discs, flap wheels, flap discs and spindle-mounted flap wheels).

Never use a machine that is not in good working order or one with defective parts.

Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties.

This leaflet is only intended to provide basic safety recommendations. For more detailed information on the safe use of abrasive products, reference to our comprehensive Safety Codes is strongly recommended.

These are available from FEPA or your National Trade Association:
- FEPA Safety Code for Bonded Abrasives and Precision Superabrasives
- FEPA Safety Code for Superabrasives for Stone and Construction
- FEPA Safety Code for Coated Abrasives

FEPA safety recommendations are available for download at **www.pferd.com/fepa/en**.

Safety notes

Please read FEPA safety recommendations as well as the pictograms!

= Wear eye protection!

= Wear a dust mask!

= Wear gloves!

= Only use with backing pad!

= Wear hearing protection!

= Read the safety instructions!

= Not permitted for wet grinding!

= Do not use if damaged!

= Not permitted for face grinding!

= Not permitted for hand-held or manually guided grinding!

PFERD is a founder member of oSa

Together with other renowned manufacturers, PFERD has voluntarily undertaken to produce quality tools conforming to the most exacting safety standards.

Member companies of oSa (the Organization for Safety of Abrasives) are committed to continuous product safety and quality monitoring.

PFERD tools carry the oSa mark.

Have you got any questions about grinding safety? PFERD will be happy to provide advice – either during our PFERD training seminars at the **PFERD**ACADEMY or through our sales representatives.

The most important tool from PFERD: The Tool Manual

The PFERD Tool Manual does not only contain 8,500 products, but also offers you important information about cutting and grinding.

In addition to suitable drives, rotational speeds and information about materials, it also contains approaches to solving common application problems and many tips on how to optimize your applications and get the most out of your tool. It is logically structured and divided up into nine catalogues, which we have summarized for you on pages 10–27.

You can find the Tool Manual on our website www.pferd.com.

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Files

Catalogue section 2 Page 13

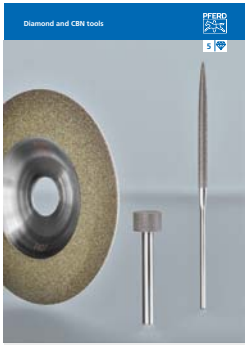
Milling tools

Catalogue section 3 Page 15

Mounted points

Catalogue section 4 Page 17

Fine grinding and polishing tools

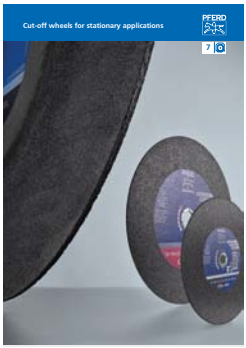


Catalogue section 5 Page 19

Diamond and CBN tools

Catalogue section 6 Page 21

Cut-off wheels, flap discs and grinding wheels



Catalogue section 7 Page 23

Cut-off wheels for stationary applications

Catalogue section 8 Page 25

Industrial power brushes

Catalogue section 9 Page 27

Tool drives

Files for the workshop
- Machinist's files, DIN series
- Special files
- Key files
- Tungsten point files

Car body files
- Adjustable holders for car body files
- Car body file blades
- Car body files, tanged type

Milled tooth files
- Paint peeler
- Universal chamfer file
- Milled tooth files, tanged type
- Milled tooth file blades
- Holders for file blades

Tungsten carbide files and holders

Sharpening files
- Three square saw files
- Knife sharpening files
- Featheredge files
- Mill saw files
- Chain saw files
- Chain saw sharpeners
- Depth gauge files

Wood files and rasps
- Wood files
- Wood rasps
- Hoof plane/horse rasps
- Special rasps

Precision files
- Tang files
- CORINOX files
- CORINOX needle files
- Needle files
- Handy files
- Riffler files, riffler rasps

File handles, file sleeves, file brush
- Quick-mounting handles
- Riffler file holder
- Plastic sleeves, empty

Hand deburrer

PFERD

Milling

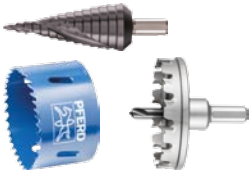
Tungsten carbide burrs
for universal applications
- Z1, Z3, Z3 PLUS, Z4 and Z5
  for fine and coarse stock removal

Tungsten carbide burrs
for high-performance applications
- ALLROUND for versatile use
- STEEL for steel and cast steel
- INOX for stainless steel (INOX)
- ALU and NON-FERROUS for aluminium and non-ferrous metals
- CAST for cast iron
- TITANIUM for titanium
- PLAST, FVK and FVK-S for GRP/CRP
- TOUGH and TOUGH-S for tough applications
- MICRO for finishing work
- EDGE, Z3, Z3 PLUS, Z5 and special cuts for work on edges

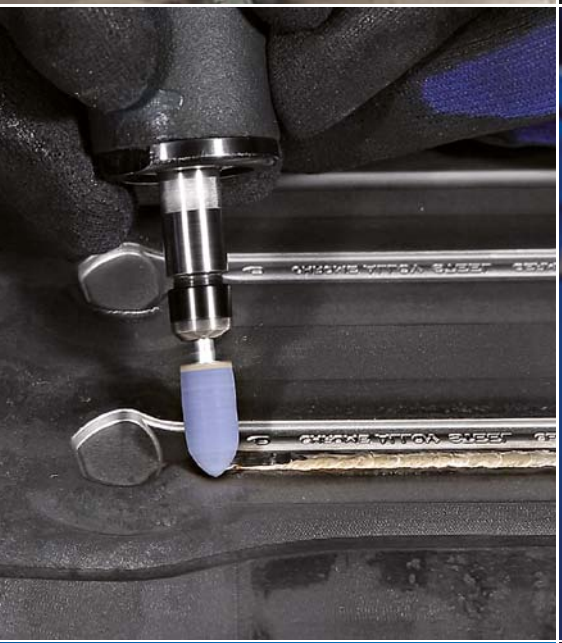
HSS rotary cutters
- ALU, Z1, Z2 and Z3 for fine and coarse stock removal
- Special shapes
- HSS engraving cutters
- Finishing cutters

Milling tools with cutting inserts
- **ALU**MASTER High Speed Disc
- EDGE FINISH system for work on edges

Cutting out holes



HSS step drills
HSS hole saws
TC hole cutters



Mounted points

For steel and cast steel
- STEEL
- STEEL EDGE

For materials that are difficult to machine
- TOUGH

For stainless steel (INOX)
- INOX
- INOX EDGE

For soft non-ferrous metals
- ALU

For grey and nodular cast iron
- CAST
- CAST EDGE

For foundries
- CAST EDGE
- CAST STEEL

For plastics
- RUBBER

Bench grinding wheels

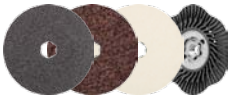
- UNIVERSAL type
- HSS type
- CARBIDE type

Finishing stones

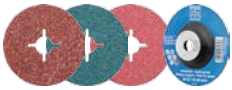
- UNIVERSAL type
- CARBIDE type
- Arbors

Hand dressers

- Dressing stones
- Abrasive segments
- Diamond dressers



COMBICLICK
- Fibre discs
- Non-woven discs
- Felt discs
- Backing pads
- Set



Fibre discs and backing pads

Self-adhesive discs and holders

Self-adhesive abrasive discs and abrasive disc holders

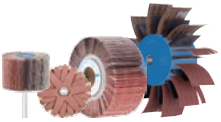
COMBIDISC grinding tools

Flexible abrasives
- Short belts
- Long belts
- Abrasive sheets
- Hand pads
- Shop rolls and holders
- Non-woven shop rolls
- Velcro-backed abrasive discs

Abrasive spiral bands and rubber drum holders

POLIROLL, POLICO
- Cartridge rolls and abrasive cones

POLICAP
- Abrasive caps and abrasive cap holders



Flap tools
- Mounted flap wheels
- Unmounted flap wheels
- Flap drums
- POLIFLAP tools
- Overlap slotted discs
- POLISTAR

Non-woven tools
- POLINOX unmounted grinding wheels
- POLINOX mounted grinding wheels
- POLINOX cross buffs
- POLINOX fibre-backing discs
- POLINOX grinding drums
- POLINOX discs
- POLINOX marbling tools
- POLIVLIES grinding discs
- POLICLEAN tools

Poliflex tools
- PUR bond
- Structuring tools
- GR/GHR bond
- LR/LHR bond
- TX bond

Ceramic fibre files

Polishing tools
- Felt points
- Felt wheels
- Felt sheets
- Cloth rings

Grinding oils, polishing pastes and cleaners

PFERD

Diamond and CBN tools – Electroplated bond

Customer-specific tool solutions

Diamond files
- Diamond escapement files
- Diamond needle files
- Diamond riffler files
- Diamond handy files
- Conical diamond files
- Diamond machinist's files
- Flexible diamond files
- Diamond sheets
- Diamond files for manual filing machines

Diamond and CBN grinding points and grinding discs

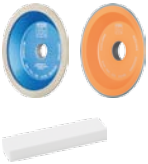
Diamond cut-off wheels

Diamond tools for foundries
- Diamond cut-off wheels for foundries
- Diamond grinding points for foundries

Diamond grinding disc CC-GRIND-SOLID-DIAMOND

Diamond sabre saw blades

Diamond and CBN tools – Resinoid bond



Diamond and CBN grinding tools
- Diamond grinding tools
- CBN grinding tools
- Sharpening block
- Customer-specific tool solutions

Diamond cut-off wheels for the construction industry

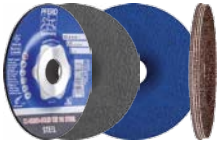
Diamond cut-off wheels
- Segmented type
- Continuous rim type (TURBO)
- Continuous rim type
- DSB sharpening block

Cutting

Cut-off wheels
- Thin cut-off wheels
- DUODISC combination wheel for safe cutting and grinding with just one tool
- High-performance CERAMIC grinding wheel with ceramic oxide grain
- Foundry cut-off wheels
- Cut-off wheels for petrol cutters and cut-off grinders
- Small cut-off wheels for straight grinders

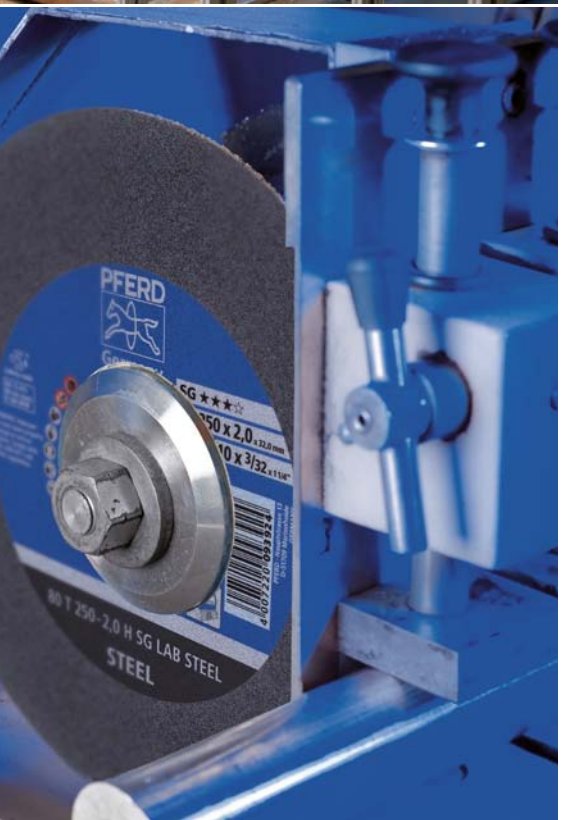
Grinding / Roughing

POLIFAN flap discs
- POLIFAN-POWER for discerning users
- POLIFAN-STRONG with special flap design for an extremely long tool life
- POLIFAN-CURVE for precise and optimum grinding of the fillet weld geometry

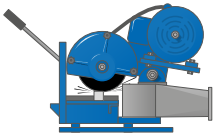


CC-GRIND grinding discs
- CC-GRIND-SOLID – The ergonomic, high-performance alternative to conventional grinding wheels (also with triangular, high-performance **VICTO**GRAIN abrasive grain)
- CC-GRIND-FLEX especially for work on weld seams
- CC-GRIND-STRONG with three abrasive layers

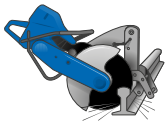
Grinding wheels
- High-performance CERAMIC grinding wheel
- Hybrid CERAMIC SG COMFORT grinding wheel combines a layer of coated abrasives and a classic grinding wheel
- Foundry grinding wheels


PFERD
80 T 250-2,0 H SG LAB STEEL
STEEL

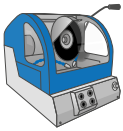
CHOPSAW
Dia. 300–400 mm
For cutting of solid material, profiles and pipes on portable metal cutting machines with an output of up to 3 kW



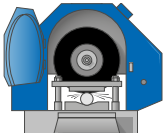
CHOPSAW HD
Dia. 300–400 mm
For cutting of solid material, profiles and pipes on portable metal cutting machines with an output of 3 kW up



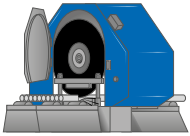
RAIL
Dia. 300–400 mm
For cutting of rails



LABOR
Dia. 150–400 mm
For producing precision cuts and cutting of laboratory samples



HEAVY DUTY
Dia. 250–600 mm
For cutting of solid material, profiles and pipes on stationary cutting machines



Products made to order
Dia. 250–2,000 mm
If you cannot find the solution for your particular application in our catalogue range, we produce PFERD premium-quality stationary cut-off wheels up to a diameter of 2,000 mm, tailor-made to meet the requirements of your job.

PFERD
HRU 40 ST 0.35

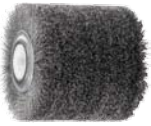
Cup and bevel brushes

Wheel brushes

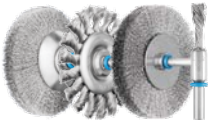
Wheel brushes with arbor hole

Composite brushes

Shank-mounted brushes

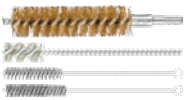


Wheel brushes for burnishing machines



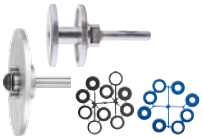
INOX-TOTAL

Miniature brushes



Tube brushes

Scratch brushes



Accessories
- Arbors
- Adapters

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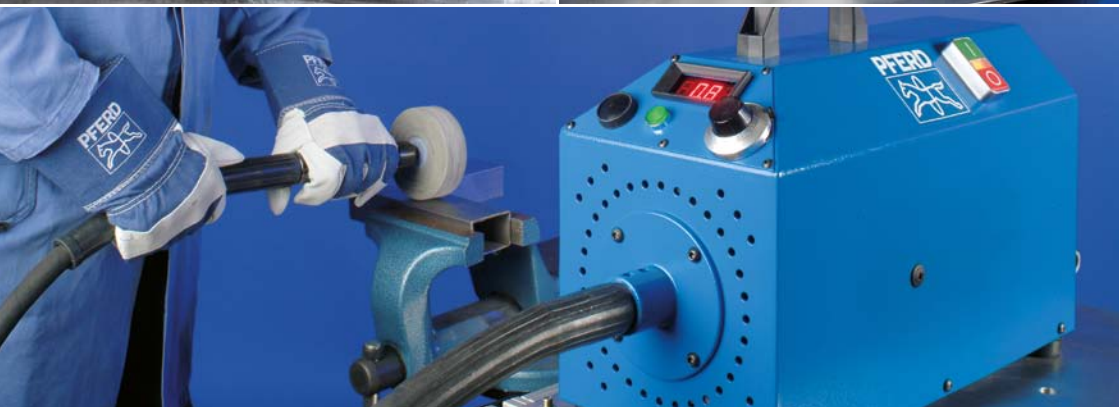
PFERD
PFERD

Pneumatic grinders

Straight grinders

Angle grinders
- with collet
- with threaded spindle

Belt grinders, attachment arms

Special drives
- Filing machines
- Pneumatic motors DIN 10
- Marking pens

Fittings

Electric grinders

Micro motor systems and micro motor handpieces

Straight grinders

Angle grinders

EDGE FINISH system for work on edges

Drum grinder

Belt grinders

Pipe belt grinders

Fillet weld grinders

Special drives
- Electric motors DIN 10

Flexible shaft drives

Multi-speed machines with stepless regulation

Multi-speed machines with gears

Flexible shafts

Tool drive accessories

Handpieces
- Straight handpieces
- Angle handpieces

Special handpieces
- Angle handpieces with telescopic system
- Flexible special handpieces

Belt sanders

Accessories for flexible shafts
- Drum grinders
- Angle drives
- Overdrive for flexible shaft drives

Collets and extensions

Belt grinder attachment holders and arms

Maintenance products

Personal protective equipment (PPE)

Safety glasses, protective gloves, ear and breathing protection

PFERD worldwide

Argentina

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Printed in Germany. Subject to technical modifications. 05/2019 819 120