

KNIPPER™ Product Code DUA 36 Stainless steel
S-Spring Snap Fastening System Product Code DUS 4|6 Stainless steel
FlexFix® KNIPPER™ Product Code DUP 3 Stainless steel
FlexFix® Product Code DUP 4|6 Stainless steel
FlexFix® Flat Product Code DUP 1 Stainless steel





PRESS STUD SYSTEMS MADE OF STAINLESS STEEL

Industrial washing is not only an endurance test for work clothing. Their snap fasteners also have to meet particularly tough requirements. Therefore, the press stud fastening system made of corrosion-resistant stainless steel are the best solution here.

Above all, the washing process plays a decisive role in the service life and performance of the products. Aggressive washing substances and cycle dewatering presses can degrease and deform the pushbutton fasteners and severely impair the fastener. The result is snap fasteners that can no longer be opened or closed. High repair rates are the result.

OUR STAINLESS STEEL SYSTEMS AT A GLANCE

For workwear / image clothing, textile service and technical applications

KNIPPER™ Product Code DUA 36 Stainless Steel

The tried-and- tested economy system on ring spring system





Snap Fastener System Product Code DUS 4 Stainless Steel

The universal S-Spring system



FlexFix® KNIPPER™ Product Code DUP 3 Stainless Steel The forward-thinking longlife system







FlexFix® Product Code DUP 4|6 Stainless Steel



The durable high-performance system





The innovative and revolutionary flat fastening system



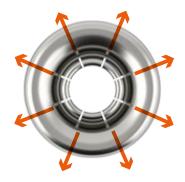
Industrial laundry resistance: • • MEDIUM • • • HIGH Rating according to YKK standards. We will be glad to advise you!



THE WORKING PRINCIPLE

By inserting the ring stud, the individual serrated leg elements of the socket are pressed outwards in the stainless KNIPPER™ product code DUA 36 serrated ring snap fastener system. The serrated legs thereby anchor themselves securely in the fabric without damaging it. Unlike central riveting (e.g. Spring Snap System), the pressure is distributed over the outer ring, thus achieving a particularly secure closure. With the open cap variant or the serrated ring, the fabric remains visible.







SPECIAL FEATURES

- Flat design
- · Smooth fastener
- Gentle on materials
- Lightweight
- Can be combined

DESIGN OPTIONS

- Caps in stainless steel or plastic (PA66)
- Cap in a fashionable design / customer embossing

KNIPPER™ Product Code DUA 36 Stainless Steel is particularly suitable for white coats and blouses/shirts.

Item	Material thickness* [mm]		mage r]		Clot	hing		
			< 200	> 200	Coat	Blouses	Jackets	Trousers
1	DA0 36	0,2 – 1,1	•		•	•		
•	DAO 36.001	0,2 – 1,1	•		•	•		

^{*}Fabric thickness is measured by a special YKK fabric micrometer.

	KNIPPER™ Product Code DUA 36 Sta	inless Steel				
Item designation	DAO 36 (soft)	DAO 36.001 (standard)				
Material	Stainless s	teel 1.4401				
Processing	Semi-automatic a	nd fully automatic				
	1. Household laundry	95° \ P				
Care label	2. Industrial laundry	Washing procedure for white work- wear and/or sensitive coloured trim- ming items · Peracetic acid bleach Polyester/cotton · Regreasing is absolutely necessary				
Material Processing 1. Househouse and a second state of pollutants Absence of pollutants Tear-off force (N) Temperature resistance Melting range Light-fast Corrosion resistance	EN	71				
Norm conformity	DIN EN 1811 Nickel release	Stainless steel 1.4401 Semi-automatic and fully automatic Id laundry All laundry Bell laundry EN 71 Lickel release Class 2 (Products with direct skin contact) The requirements of the REACH Regulation in the respective valid version the statutory requirements of the Consumer Goods Ordinance and the hemicals Prohibition Order in the respective valid version > 90N 400°C 1SO 105 B02 high				
Kensin	n	0				
	OEKO-TEX Standard 100 (DETOX: We are currently undergoing recertification according to Attachment 6.)					
Absence of pollutants	The item meets the requirements of the REA	CH Regulation in the respective valid version				
	The item meets the statutory requirements Chemicals Prohibition Order i	of the Consumer Goods Ordinance and the n the respective valid version				
Tear-off force (N)	>9	2. Industrial laundry EN 71 DIN EN 1811 Nickel release Class 2 (Products with direct skin contact) The item meets the requirements of the REACH Regulation in the respective valid version The item meets the statutory requirements of the Consumer Goods Ordinance and the Chemicals Prohibition Order in the respective valid version > 90N 400°C ISO 105 B02				
Temperature resistance	400	D°C				
Melting range	Chemicals Prohibition Order in the respective valid version > 90N 400°C					
Light-fast	approx. 1,500°C ISO 105 B02					
Corrosion resistance	approx. 1,500°C ISO 105 B02					
Additional information	Otherwise, the powerful degreasing process during the induvalues through to complete failure of the fastening system. properties, we recommend closing fasteners during industri	ustrial washing can lead to greatly increased opening To optimise and extend the durability of the fastening al washing, and always using rehydrating additives or,				



S-Spring Snap Fastening System Product Code DUS 4 | 6 Stainless steel THE UNIVERSAL S-SPRING SYSTEM

The S-Spring Snap Fastening System press stud system is based on the dual S-shaped spring wire made of stainless steel in the socket part. The smooth-running and precise fastener offers a broad application range for firmer textile materials and technical applications.

THE WORKING PRINCIPLE

The closure is created by joining the socket and stud, whereby the S-shaped wire of the socket is displaced when the ball penetrates and encloses the stud when it snaps into place. Cap and socket as well as stud and rivet are each centrally riveted therefore only conditionally suitable for knitwear and elastic fabrics.









SPECIAL FEATURES

- Sporty design
- Smooth running and precise
- Universal

DESIGN OPTIONS

- Caps in stainless steel or colourmatching plastic
- Cap in a fashionable design / customer embossing

The S-spring snap system Product Code DUS 4 stainless steel is especially suitable for jackets and pants.

Item	1	Material thickness* [mm]	Grammage [gr]		Clothing			
			< 200	> 200	Coat Blouses Jackets T			Trousers
	DSO 4.025	0,3 – 1,5		•	•		•	•
	DSO 6.025	0,3 – 1,5		•	•		•	•

^{*}Fabric thickness is measured by a special YKK fabric micrometer.

S-Spi	ring Snap Fastening System Product Code I	OUS 4 6 Stainless steel			
Item designation	DSO 4.025S	DSO 6.025S			
Material	Stainless st	Washing procedure for white workwear and/or sensitive coloured trimming items · Peracetic acid bleach Polyester/cotton · Regreasing is absolutely necessary V71-3² Class 2 (Products with direct skin contact) EACH Regulation in the respective valid version ments of the Consumer Goods Ordinance Order in the respective valid version			
Processing	Semi-automatic ar	nd fully automatic			
	1. Household laundry	95° X P			
Care label	Stainless steel 1.4401 Semi-automatic and fully automatic 1. Household laundry 2. Industrial laundry EN 71-3² DIN EN 1811 Nickel release Conformity Meaning in the products with direct of pollutants EN 71-3² DIN EN 1811 Nickel release Class (Products with direct of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the respective valid version of the Consumer Goods and the Chemicals Prohibition Order in the	wear and/or sensitive coloured trimming items · Peracetic acid bleach Polyester/cotton · Regreasing is			
	EN 7	Stainless steel 1.4401 Semi-automatic and fully automatic Washing procedure for white workwear and/or sensitive coloured trimming items - Peracetic acid bleach Polyester/cotton - Regreasing is absolutely necessary EN 71-3² ase			
Norm contormity	DIN EN 1811 Nickel release	< 0.28 μg/week			
Kensin	n	0			
	•				
Absence of pollutants	The item meets the requirements of the REA	CH Regulation in the respective valid version			
Tear-off force (N)	> 12	ON			
Temperature resistance	400	D°C			
Melting range	арргох.	1,500°C			
Light-fast	DIN EN 1811 Nickel release no OEKO-TEX Standard 100 (DETOX: We are currently ndergoing recertification according to Attachment 6.) The item meets the requirements of the REACH Regulation in the respective valid version The item meets the statutory requirements of the Consumer Goods Ordinance and the Chemicals Prohibition Order in the respective valid version > 120N 400°C approx. 1,500°C				
Corrosion resistance	hiç	gh			
Additional information	by YKK STOCKO FASTENERS GmbH. We recommend the f	orward-thinking FlexFix® Product code DUP 4 stainless			

COST REDUCTION FOR LEASING WORKWEAR

Industrial laundering means workwear put to the test - YKK STOCKO FASTENERS has the solution to high repair rates

YKK's innovative and patented FlexFix® technology in the stainless steel variant in a material mix with plastic, withstands the high demands of the industrial washing process to a particularly high degree, reduces the repair rate and thus saves process costs. We will be pleased to advise you on the selection of the appropriate product!

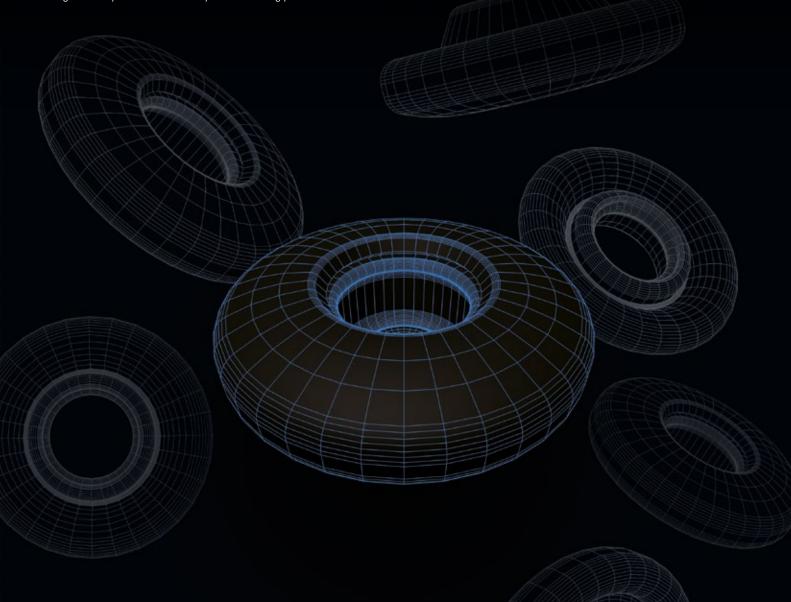
FlexFix® stainless steel snap fastening system stand for cost reduction and particularly long service life! Certified according to DIN EN ISO 15797. Tests at textile service providers as well as the ITV and Hohenstein institutes prove the long-term durability.

All advantages of FlexFix® systems made of stainless steel at a glance:

- High pressure resistance
- High stability when used with cycle dewatering presses

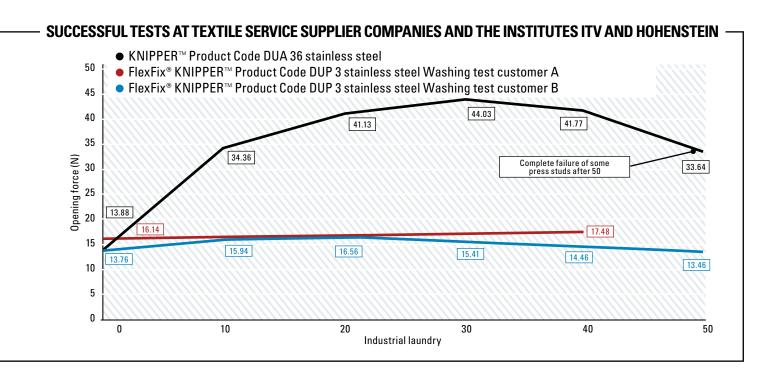
- No cold welding of socketand ball due to the use of high-performance plastics
- High thermal stability
- High corrosion resistance
- Long service life
- Constant opening values
- Reduction of the repair rate in the laundry
- Chemical resistance to hydrocarbons (automotive gasoline, mineral oil, motor oil, etc.), essential oils, alcohol and commercially available reagents (RKI list)
- Washing and cleaning resistance according to DIN EN ISO 15797 (after min. 50 washes)
- Standards EN 71, OEKO-TEX 100 product class 2

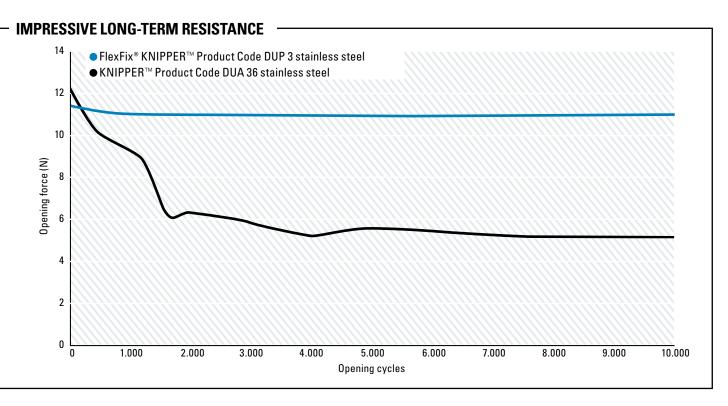
Anti-nickel



Tests prove the long-term durability of the stainless steel FlexFix® series

Tests conducted by service providers and the ITV Denkendorf and Hohenstein* institutes on the stainless steel FlexFix® series have proven this. With their high-quality workmanship, these products can reduce the repair quota and thus contribute to lowering costs. The consistently high quality ensures a high level of comfort.





^{*}The above-mentioned information corresponds to our current knowledge. Changes can be made at any time without prior notice. The technical information does not relieve you of your duty to carry out your own tests of our products with respect to their suitability for the intended application case. Our products are processed and used outside our control and therefore lie outside our scope of responsibilities. Our products are sold in line with our general terms and conditions.

FlexFix® KNIPPER™ Product Code DUP 3 Stainless steel

The trend-setting Longlife system based on serrated rings

Snap fasteners that undergo industrial washing need to meet stricter requirements. This includes the high mechanical load exerted by the dewatering presses. The opening values may not change either as a result of wear or degreasing. FlexFix® KNIPPER™ Product Code DUP 3 based on a retaining ring is suitable for thin and light to medium-heavy materials and knitwear. The excellent form stability is guaranteed by the FlexFix® technology. Thanks to the material selection, there is no risk of cold welding when buttoning up.

NEW PRESS STUDS FOR WORKWEAR

With FlexFix® KNIPPER™ you are on the safe side. The high-quality product, specially developed for industrial washing, has a long service life with constant opening values thanks to its dimensional stability. Sustainability is that simple.

HACCP

This product is suitable for HACCP garments in combination with the new detectable eyelet.

THE WORKING PRINCIPLE

This snap fastening system, part of the FlexFix® series, obtains its spring properties from an elastic plastic inlay, which is securely encased in stainless steel and thus particularly pressure-resistant. When the stud is inserted into the socket, it is securely enclosed by the spring-elastic and thermostable plastic core. Closure systems of the FlexFix® series guarantee 50,000 opening and closing cycles without significant wear.







SPECIAL FEATURES

- High stability when using cycle dewatering presses
- Constant opening values
- No cold welding of socketand stud due to the use of high-performance plastics
- High comfort due to consistent quality
- Long-term resistant of the repair rate in the laundries
- High thermal stability
- Reducing the repair rate in laundries

We recommend FlexFix® KNIPPER™ Product Code DUP 3 for lighter workwear such as smocks, chef jackets, shirts, blouses and knitwear.

	lten	Material thickness*[mm]		mage r]		Clot	hing		
				< 200	> 200	Coat	Blouses	Jackets	Trousers
		DPO 3/36	0,2 – 1	•		•	•		
NE	ew ew	DPO 3/36 detectable (HACCP)	0,2 – 1	•		•	•		

^{*}Fabric thickness is measured by a special YKK fabric micrometer.

	FlexFix® KNIPPER™ Product Code DUP 3	Stainless steel						
Item designation	DPO 3/36SP							
Material	Stainless steel 1.4401 + plastic POM							
Processing	Semi-automatic and fully automatic							
	1. Household laundry	95° \triangle \bigcirc \bigcirc \bigcirc \bigcirc						
Care label	2. Industrial laundry	Washing procedure for white workwear and/or sensitive coloured trimming items · Peracetic acid bleach Polyester/cotton						
Norm conformity	EN	71						
Norm contormity	DIN EN 1811 Nickel release	20 3/36SP 1.4401 + plastic POM ic and fully automatic Washing procedure for white workwe and/or sensitive coloured trimming items · Peracetic acid bleach Polyeste cotton EN 71 < 0.28 µg/week no Y Class 2 6.) (Products with direct skin contact) REACH Regulation in the respective valid version rements of the Consumer Goods Ordinance order in the respective valid version > 90N the convective heat resistance when using						
Kensin	no	1						
	OEKO-TEX Standard 100 (DETOX: We are currently undergoing recertification according to Attachment 6.)							
Absence of pollutants	The item meets the requirements of the REAC	CH Regulation in the respective valid version						
Tear-off force (N)	> 90	DN						
Temperature resistance	The item meets the statutory requirements of the Consumer Goods Ordinance and the Chemicals Prohibition Order in the respective valid version > 90N Up to 160°C (ISO 17493 – testing the convective heat resistance when using a hot-air circulating furnace – visual inspection of changes)							
Melting range	approx.	180°C						
Light-fast	hig	jh						
Corrosion resistance	Stainless steel: high	Plastic: very high						

FlexFix® KNIPPER™ with detectable socket

The detectable snap fastener system for HACCP garments

One of the mandatory safety measures used in the food industry is the HACCP concept to avoid biological, chemical or physical risks. Foreign bodies such as glass splinters, but also buttons of work clothing can pose a risk and must be detectable in HACCP clothing.

FlexFix® KNIPPER™, which is particularly suitable for industrial laundering, has been further developed to meet these stringent requirements. The plastic of the inlay of the previous FlexFix® KNIPPER™ sockethas been replaced by a material with metal-based fillers. As a result, detectability is also achieved for the plastic component.











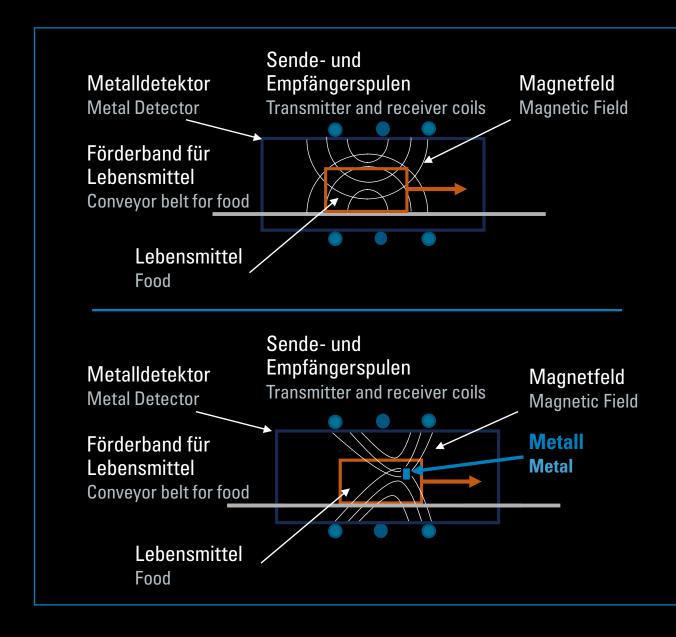






In cooperation with the company Sesotec GmbH, a well-known manufacturer of metal detection and sorting machines, the detectability could be proven depending on the metal detectors used.

In the food industry, metal detectors are usually used that operate according to the transmitter-receiver principle. An electro-magnetic field is built up by transmitting coils. When a metal part passes the detector, the magnetic field is disturbed, which is detected by the receiver coils. The electronics of the detector evaluates this signal and reports the metal part.



FlexFix® Product Code DUP 4|6 Stainless Steel THE DURABLE HIGH-PERFORMANCE SYSTEM



Snap fasteners that are industrially washed have to meet high requirements. These include the high mechanical stress caused by cycle drainage presses. The opening values must not change due to wear or degreasing. FlexFix® Product Code DUP 4 and 6 made of stainless steel are center riveted for firmer as well as heavy fabrics and materials. Excellent dimensional stability is ensured by FlexFix® technology - in two sizes. The material selection eliminates the risk of an extreme increase in opening values (cold welding due to complete degreasing in industrial washing).

THE SNAP FASTENERS FOR WORKWEAR

With FlexFix® Product Code DUP 4 and 6 made of stainless steel, any garment can be made virtually indestructible, thus contributing to sustainability.

THE WORKING PRINCIPLE

In FlexFix® Product Code DUP 4/DUP 6 Stainless Steel, a flexible high-tech plastic is integrated in the socket, which has spring-elastic properties. This connection of metal calotte and plastic inlay is particularly stable and withstands high mechanical loads. When the stud is pressed into the socket(spring part), the flexible plastic inlay expands so that the head of the stud snaps comfortably into place and is perfectly enclosed. This closure can be opened again just as comfortably.







SPECIAL FEATURES

- High thermal stability
- Long-term resistant
- Constant opening values
- High comfort due to consistent quality
- Chemical resistance to hydrocarbons (car gasoline, mineral oil, engine oil, etc.), essential oils, alcohol and commercially available reagents (RKI list).
- High stability when using cycle dewatering presses
- No cold welding of socketand ball due to the use of high-performance plastics

FlexFix® product code DUP 4 and 6 stainless steel are suitable for heavy garments such as jackets and pants.

ltem		Material thickness* [mm]	Grammage [gr]		Clothing			
			< 200	> 200	Coat	Blouses	Jackets	Trousers
	DPO 4.025	0,3 – 1,5		•	•		•	•
	DPO 6.025	0,3 – 1,5		•	•		•	•

^{*}Fabric thickness is measured by a special YKK fabric micrometer.

	FlexFix® Product Code DUP 4 6 Stair	nless Steel				
Item designation	DPO 4.025SP	DPO 6.025SP				
Material	Stainless steel 1.4	401 + plastic POM				
Processing	Semi-automatic a	nd fully automatic				
Caro labol	1. Household laundry	95° \(\bigcirc \overline{\text{D}} \)				
Care label	2. Industrial laundry	Washing procedure for white workwear and/or sensitive coloured trimming items · Peracetic acid bleach Polyester/cotton				
Name and and	EN	Semi-automatic and fully automatic aundry Semi-automatic and fully automatic aundry Washing procedure for white workwear and/or sensitive coloured trimming items: Peracetic acid bleach Polyester/cotton EN 71 El release Class 2 (Products with direct skin contact) equirements of the REACH Regulation in the respective valid version the statutory requirements of the Consumer Goods Ordinance hemicals Prohibition Order in the respective valid version > 120N So 17493 — testing the convective heat resistance when using air circulating furnace — visual inspection of changes) approx. 180°C high				
Norm conformity	DIN EN 1811 Nickel release	< 0.28 µg/week				
Kensin	n	0				
Kensin	OEKO-TEX Standard 100 (DETOX: We are currently undergoing recertification according to Attachment 6.)					
Absence of pollutants	The item meets the requirements of the REA	CH Regulation in the respective valid version				
	The item meets the statutory requirement and the Chemicals Prohibition Orc	ents of the Consumer Goods Ordinance der in the respective valid version				
Tear-off force (N)	> 12	20N				
Temperature resistance	Up to 160°C (ISO 17493 – testing the c a hot-air circulating furnace –	convective heat resistance when using visual inspection of changes)				
Melting range	a hot-air circulating furnace — visual inspection of changes)					
Light-fast	hiç	gh				
Corrosion resistance	Stainless steel: high	Plastic: very high				



FlexFix® Flat Produktcode DUP 1 Stainless Steel THE INNOVATIVE AND REVOLUTIONARY

FLAT SNAP SYSTEM

With the FlexFix® Flat, YKK STOCKO FASTENERS has developed a new, revolutionary snap system. Made of stainless steel, FlexFix® Flat snap fastening systems are consistently designed for industrial laundering and durability.

The snap fastener has thus reached a new dimension: highly comfortable, maximally functional, fashionably attractive – and flatter than ever before!

THE WORKING PRINCIPLE

The function of the FlexFix® Flat snap fastening system differs from all other systems in two essential characteristics:

1. FlexFix® directly on the stud

The FlexFix® component with high-tech plastic is not located on the socket, but on the stud of the system. The connection between the metal and plastic components is particularly stable and can withstand high mechanical loads. When the stud (spring part) is pressed into the socket, the plastic sheath slides smoothly into the socketand locks into place. This closure can be opened again just as conveniently. FlexFix® Flat is patent pending.

2. socket and stud combine into one component:

Unlike conventional snap fastening systems, where the stud part is connected to the socket and the build-up height of the individual parts is added up, in the FlexFix® Flat system the socket and stud are connected to form one part. This reduces the overall body height to almost half!





SPECIAL FEATURES

- Extremely flat design
- · Low dead weight
- · Low frictional resistance
- Constant opening values
- High pressure resistance
- Corrosion resistant due to stainless steel
- No cold welding
- High long-term resistance
- Smooth opening and closing behavior
- Very good wearing comfort
- Multiple design options

FlexFix® Flat Product Code DUP 1 Stainless Steel is suitable for heavy garments such as jackets and pants.

Ite	ltem		Grammage [gr]		Clothing			
			< 200	> 200	Coat Blouses Jackets Trou			
	DPF01S	0,2 – 0,8		•	•	•	•	•
	DPFK1SP	0,2 – 0,8		•	•	•	•	•

^{*}Fabric thickness is measured by a special YKK fabric micrometer.

	FlexFix® Flat Product Code DUP 1 Sta	inless Steel			
Item designation	DPF01S	DPFK1SP			
Material	Stainless Steel 1.4401	Stainless Steel 1.4401 + Plastic POM			
Processing	Semi-automatic a	nd fully automatic			
	1. Household laundry	95° \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc			
Care label	Stainless Steel 1.4401 + Plastic POM Semi-automatic and fully automatic 1. Household laundry 2. Industrial laundry EN 71 DIN EN 1811 Nickel release O,28 µg/week NO Class 2	Waschverfahren für weiße Arbeits- kleidung und/oder empfindliche farbige Besatzartikel ·Peressigsäurebleiche Polyester/Baumwolle			
Name and amilia	EN	71			
Norm contormity	Stainless Steel 1.4401 Stainless Steel 1.4401 + Pl Semi-automatic and fully automatic 1. Household laundry 2. Industrial laundry EN 71 DIN EN 1811 Nickel release OEKO-TEX Standard 100 (DETOX: We are currently undergoing recertification according to Attachment 6.) The item meets the requirements of the REACH Regulation in the respective valid and the Chemicals Prohibition Order in the respective valid version > 120N Up to 160°C (ISO 17493 – testing the convective heat resistance when usin a hot-air circulating furnace — visual inspection of changes) approx. 180°C high	< 0,28 μg/week			
Kensin	n	10			
	,				
Material Stainless Steel 1.4401 Stainless S Processing Semi-automatic and fully automatic 1. Household laundry EN 71 Norm conformity DIN EN 1811 Nickel release Kensin OEKO-TEX Standard 100 (DETOX: We are currently undergoing recertification according to Attachment 6.) The item meets the requirements of the REACH Regulation in the The item meets the statutory requirements of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in the respective value of the Consumer and the Chemicals Prohibition Order in	CH Regulation in the respective valid version				
	The item meets the statutory requirem and the Chemicals Prohibition Ord	ents of the Consumer Goods Ordinance der in the respective valid version			
Tear-off force (N)	> 12	20N			
Temperature resistance	Up to 160°C (ISO 17493 – testing the c a hot-air circulating furnace –	convective heat resistance when using visual inspection of changes)			
Melting range	approx	. 180°C			
Light-fast	hi	gh			
Corrosion resistance	Stainless Steel: high	Plastic: very high			

INDUSTRIAL WASHING RESISTANCE LEVELS

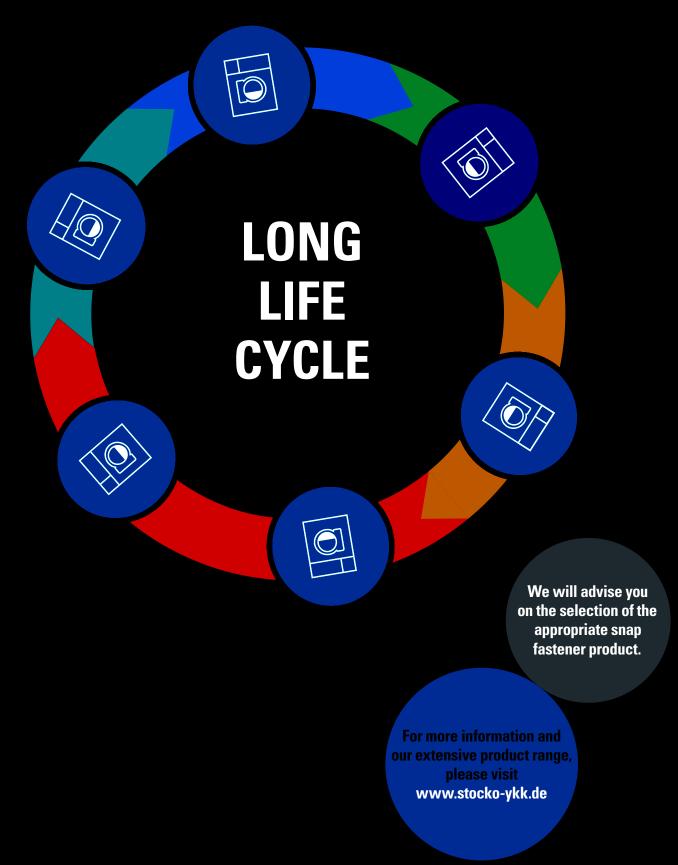
		Product Code	Material	Basic Corrosion Resistance for Houshold Washing	Corrosion Resistance for Industrial Washing	Superior Corrosion Resistance for Chloride Enviroment (Avoid pitting Corrosion)	To Avoid cold welding	Long Life with consistent opening forces	Multi Standard (EN11642) (EN343) etc.	Flat Design for less Material Crease	Detectable Plastic Inlay
	FlexFix® KNIPPER™ with detectable socket • • •	DUP 3	Stainless Steel 316	×	×	×	×	×			×
SNAPET®	FlexFix® KNIPPER™	DUP 3	Stainless Steel 316	×	×	×	×	×			
SN	KNIPPER™	DUA 36	Stainless Steel 316	×	×	×					
	KNIPPER™ •	DUA 36	Stainless Steel 304	×	×						
	SNAPET®	SA 16	Brass	×							
	FlexFix® Flat	DUP 1	Stainless Steel 316	×	×	×	×	×		×	
SNAP	FlexFix®	DUP 4	Stainless Steel 316	×	×	×	×	×			
SN	S-Spring	DUS 4	Stainless Steel 316	×	×	×					
	S-Spring	SW35	Brass	×							
STIC SNAP	ADVANCEN® Fire-retardant	DP 300	Plastic	×	×	×	×		×		
STIC	PLANCER®		Plastic	×	×	×	×				
PLA	ADVANCEN®		Plastic	×	×	×	×				
JEANS	Jeans Tack Button	JM1742	Stainless Steel	×	×						
JE	Jeans Rivet	RD0950	Stainless Steel	×	×						

• LOW • • MEDIUM • • • HIGH Values comply with YKK standards.

CONSISTANT OPENING AND CLOSING FORCES EVEN AFTER MORE THAN 50 CYCLES OF

INDUSTRIAL WASHING

CONSISTANT OPENING AND CLOSING FORCES EVEN AFTER MORE THAN 10.000 CYLCES OF OPENING AND CLOSING



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