



AUGSTĀKĀS KVALITĀTES PLASTMASAS SPRĀDZES UN FIKSATORI

- o VAIRUMTIRDZNIECĪBA
- o CERTIFICĒTI PRODUKTI
- o PIELIETOJAMI:

- *militārajai nozarei*
- *darba apģērbam*
- *sporta inventāram*
- *aksesuāriem (somām, jostām..)*
- *glābšanas vestēm*
- *bērnu sēdeklīšiem*
-

Par plašāku produktu klāstu jautājiet mums!



TW Nexus Europe



The Natural Choice

ITW Nexus

		Page
SR	Side Releases	4
LL	Ladderlocs	8
TG	Tri-Glides Dividers	9 10
CB	Cam Buckles	11
SNH	Snaphooks	12
CSB	Clip Suspender Buckle	13
CR	Centre Release	14
CL	Cordlocs Cord Ends	15 17
R	Rings	18
VAR	Various	20
PH	Phone Holders	22
	Leaflets	24
	Certificates	26

Colours

B	Black
GY	Grey
O	Orange
RD	Red
W	White

Materials

A	Acetal
DL	Delrin
E	Elastomer
N	Nylon
N/GF	Nylon/Glass Fiber
PE	Polyethelene
PP	Polypropylene

Product photographs in this catalogue are designed primarily to portray the style, shape and where possible function of the individual Nexus parts, and may not necessarily be at normal size.

It is the responsibility of the customer to determine the suitability of ITW NEXUS products for use in their particular application.

Extra information at www.itwnexus.com

ITW Nexus

The following Technical Information is designed not only to assist in the selection and use, but also to show the capabilities of the Engineered Buckles and closures manufactured by ITW NEXUS Europe.

It will not provide all the answers, as Plastic Technology is an ever changing field, but it should prove a useful guide.

The ITW logo, Nexus™, Nx™, Fastex™, Fixlock™ are registered trademarks of Illinois Tool Works. Many of the products shown in this catalogue are covered by one or more patents.



www.itwnexus.com

WSR



WSR 20	N,A	B
WSR 25	N,A	B
WSR 40	N,A	B
WSR 50	A	B
	mat.	col.

The World Side Release (WSR) buckles, offer a short, compact and functional design, including a new center rib in the female to increase crush resistance. They also incorporate the patented Slick Click Latching Mechanism.

DWSR



DWSR 25	A	B
DWSR 40	A	B
DWSR 50	A	B
	mat.	col.

The World Side Release is also available with Dual Ladderloc facility. Both 40 and 50 mm version have a contoured profile to improve user comfort.

AIRLOC



AIRLOC 20	A	B
AIRLOC 25	A	B
AIRLOC 40	A	B
AIRLOC 50	A	B
	mat.	col.

With all the structural benefits of the World Range, the AIRLOC features the enhanced "SEE-THRO" design.

AIRLOC DUAL



AIRLOC DUAL 25	A	B
AIRLOC DUAL 40	A	B
AIRLOC DUAL 50	A	B
	mat.	col.

Dual Ladderloc facility with "SEE-THRO" design.

WSR TONGUE



WSR 40 TONGUE	A	B
WSR 50 TONGUE	A	B
	mat.	col.

Based on the WSR design, this buckle with extended tongue offers rapid release even with gloved hands. This part is ideally suited to **Diving** equipment.

MP BUCKLE 50



MP BUCKLE 50	A	B
	mat.	col.

The MP buckle 50 mm has been designed specifically for situations when two handed release is preferred.

SR



SR 20	N,DL	B
SR 25	N,DL	B
SR 30	N	B
SR 40	N,DL	B
SR 50	N,DL	B
SR 60	DL	B
	mat.	col.

Originally designed by ITW Nexus, the Side Release buckle has long been the standard for both performance and appearance in the buckle industry. Patented center bar wings prevent both overflexure of arms and release under impact loading.

ESR



ESR 20	A	B,RD/B
ESR 25	A	B
ESR 30	A	B
ESR 40	A	B
ESR 50	N,A	B
ESR 60	DL	B
	mat.	col.

The Europa Side Release ESR buckles feature the patented Slick Click Latching Mechanism with a thoughtful ergonomic design.

DESR



DESR 50	N,A	B
DESR 60	DL	B
	mat.	col.

From the Europa Side Release family offered also with Dual Ladderloc facility. Both 50 and 60 mm versions have a contoured profile to improve user comfort.

ESR 60-B



ESR 60-B	DL	B
	mat.	col.

Designed with wider female slot to accommodate wider belt specifications.

SS-40



SS-40	N/GF	B
	mat.	col.

The Super Strong offers a high resistance load to meet specific applications.

SS-440



SS-440	N/GF	B
	mat.	col.

The Newer, redesigned and stronger version of our standard SS-40

SHOCKLOC 15



SHOCKLOC 15	A	B, RD/B
	mat.	col.

The Shockloc™ was specially designed for 15mm webbing, with a curved profile to ideally suit bicycle **helmet** requirements.

SHOCKFLEX 15



SHOCKFLEX 15	A	B, RD/B
	mat.	col.

Exclusive patented flex design and integral shock absorbers to allow impact load absorption. Ideal for leisure **helmets**.

W5W 25



W5W 25	A	B
	mat.	col.

The 5 way buckle provides safety to the **juvenile** industry. Its 25 Nw load release avoids opening by infants.

LL



LL 12	A	B
LL 15	A	B
LL 20	A	B
LL 25	A	B
LL 30	A	B
LL 40	A	B
	mat.	col.

Ladderloc adjustor are the most versatile buckles available, allowing easy one-handed release or tightening of webbing and straps.

ELL



ELL 20	A	B
ELL 25	A	B
	mat.	col.

The Europa Ladderloc is designed with an optimum release angle to maximise webbing grip while maintaining easy tightening and gradual release.

WLL 25



WLL 25	A	B
	mat.	col.

This compact and attractive design also offers easy threading, precise locking and significant strenght properties.

SLL



SLL 25	A	B
SLL 50	A	B
	mat.	col.

The Super Ladderloc offers enhanced performance under higher load applications.

TG



TG 15	N	B
TG 20	N	B
TG 25	N	B
TG 30	N	B
TG 40	N	B
TG 50	N	B
	mat.	col.

The ITW NEXUS Triglide (TG) has become the standard strap length adjustment for the industry.

ETG



ETG 20	A	B
ETG 25	A	B
ETG 30	A	B
ETG 40	A	B
ETG 50	A	B
	mat.	col.

The Europa Triglide provides length adjustment on strap assemblies as well as innovative styling. Designed also with teathed bar to increase load retention.

SG



SG 20	N	B
SG 25	N	B
SG 30	N	B
SG 40	N	B
	mat.	col.

The lower profile and smooth action allow the Slimglide (SG) to be used in applications where the standard TG is unsuitable.

AIR DIVIDER (AD 15)



AIR DIVIDER (AD 15)	N	B
	mat.	col.

This **helmet** 15 mm Strap Divider allows “easy slide” pre-set fitting when open, with excellent webbing retention, combined with the ability to re-open when necessary.

INTERNATIONAL DIVIDER



INTERNATIONAL DIVIDER 15	N	B
	mat.	col.

The newest redesigned 15 mm Strap Divider. A simple, modern and effective divider for **helmet** industry.

WA 17



WA 17	N	B
	mat.	col.

The Wedge Adjuster (WA) was designed to perform to the rigid demands of the protective **helmet** retention systems.

HPCB



HPCB 315	A	B
HPCB 320	A	B
HPCB 325	A	B
HPCB 330	A	B
HPCB 340	A	B
HPCB 350	A	B
	mat.	col.

The High Performance Cam Buckles (HPCB) provide an easy use and adjustment to secure webbing. The locking doors trap the webbing to prevent unintentional slippage

PCAP



PCAP	A	B, GY, W
	mat.	col.

Versatile cam buckle, central adjustment to secure webbings while locked on a surface.

LPCB



LPCB 815	A	B
LPCB 820	A	B
LPCB 825	A	B
	mat.	col.

The positive locking action of this Cam Buckle is complemented by a low profile design

LPCB 327



LPCB 327	A	B
	mat.	col.

A low profile Cam buckle with longer tab for 25 mm webbing

SNH



SNH 20	N/A	B
SNH 25	N/A	B
SNH 30	N/A	B
SNH 40	N/A	B
	mat.	col.

ITW NEXUS Snaphooks are available in a wide variety of sizes for numerous applications. Most popularly used as shoulder strap attachments, they are strong, lightweight, and easy to use.

RSNH



RSNH 25	N/A	B
RSNH 40	N/A	B
	mat.	col.

Rotary Snaphooks allowing 360 degrees webbing rotation.

WTC 25



WTC 25	DL	B
	mat.	col.

A unique solution to connect webbing onto tubular section.

KH



KH 5	N	B
KH 8	N	B
	mat.	col.

Moulded Karabiner Hooks eliminate the traditional metal crimp ring. They securely grip shock cord by means of a fastening mechanism.

CSB



CSB 3030	A	B
CSB 4040	A	B
CSB 5050	A	B

mat. col.

Buckle specifically created for the **workwear** industry. A third bar incorporated to allow strap on the clip.

NCSB 4040



NCSB 4040	A	B
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mat. col.

Strong, lightweight and attractive new version of suspender buckle ideal for **workwear** garment.

NCSB 3737



NCSB 3737	A	B
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mat. col.

Designed to compliment the NCSB style, this lightweight but durable product increases the size range and customer choice.

FX 3



FX 3 (Gz+3way)	N/GF	B
	mat.	col.

A Group Zero center release buckle for 3-way webbing applications with ergonomic style for easy parental operation. According to ECE 44.04.

FX 5



FX 5 (Gz+5way)	N/GF	B
	mat.	col.

A Group Zero center release buckle for 5-way webbing applications with ergonomic style for easy parental operation. According to ECE 44.04.

GP 1



GP 1	N/GF	B
	mat.	col.

A Group 1 buckle stylish recreation for 5-way European seatbelt systems. Sliding push button design. Slick, streamlined and very lightweight. According to ECE 44.04.

FX 1



FX 1	N/GF	B
	mat.	col.

A Group 1 buckle, revolutionary all plastic made buckle capable to withstand high load applications and compliant to ECE 44.04 standard.

QCR



QCR 720	A	B
QCR 725	A	B
QCR 740	A	B
QCR 750	A	B
	mat.	col.

The Quick Center Release Buckle combine easy adjustability and appearance with single-handed top release.

SL 183



SL 183	A	B
	mat.	col.

A single springlock offering simplicity and commodity to clothing applications.

SL 188



SL 188	A	B
	mat.	col.

A Springlock for double cord applications.

CSL



CSL	A	B
	mat.	col.

Small but robust springlock, due to design simplicity, it is ideal for lightweight garment and clothing applications.

CL



CL 192	A	B
CL 194	A	B
CL 195	A	B,GY
CL 197	A	B
	mat.	col.

This Cordloc has been designed including a wheel ideal to lock the cord only in one direction so user finds an easy way to operate it.

CORD END



CORD END	N	B
	mat.	col.

The innovative concept of the Single Cord End combining an engaging visual appeal with an effective and simple technique.

CANNON CLIP



CANNON CLIP	N	B
	mat.	col.

Performing a a finger grip point to ease draw cord tensioning, and prevent cord and cordloc separation.

ZIP CORD



ZIP CORD	N	B
	mat.	col.

Zip Puller to reduce cord usage and installed quicker than tying knots.

CP 3-6



CP 3-6	N	B
	mat.	col.

Cord Puller to give location area to adjust 3-6 mm cord applications.

CE 3-5



CE 3-5	PP	B
	mat.	col.

Cord End providing a fashionable finish to 3-5 mm cord applications.

DR



DR 20	N	B
DR 25	N	B
DR 30	N	B
DR 40	N	B
DR 50	N	B
	mat.	col.

ITW NEXUS Drings provide a lightweight and non-corrosive solution wherever a sturdy attachment point is required.

SQR



SQR 15	N	B
SQR 20	N	B
SQR 25	N	B
SQR 30	N	B
SQR 40	N	B
SQR 50	N	B
	mat.	col.

ITW NEXUS loops (square rings) are ideal for holding straps of webbing where no adjustment is needed

RR



RR 25	N	B
RR 30	N	B
RR 40	N	B
	mat.	col.

Rings specially designed to be attached with the Rotary Snaphooks (RSNH)

T (TERMINAL)



T 20	N	B
T 25	N	B
T 40	N	B
	mat.	col.

A terminal where no tools or sewing is required. A finished look only by hand attachment.

TM



TM 20	PE	B
TM 25	PE	B
TM 30	PE	B
TM 40	PE	B
	mat.	col.

Sewing terminal offering a professional finish to cut webbings.

MW 2



MW 2	PP	B,OR
	mat.	col.

The streamlined design with finger grip area makes whistle easier to hold. The revised retainer clip offers improved retention to fabrics and clothing. The MW 2 produces over 100 decibels of sound, is non corrosive and boyant in water.

TENT TOGGLE



TENT TOGGLE	PP	B,OR
	mat.	col.

Designed to close tent door roles, it has been seen on other applications where a toggle is needed.

BLS



BLS 25	N	B
BLS 30	N	B
BLS 40	N	B
	mat.	col.

A simple multi-application accessory to give a tidy and finished appearance to your end product with straight style.

BLS 50



BLS 50	N	B
	mat.	col.

A simple BLS accessory but a curved bar styled

BKL



BKL 25	N	B
BKL 40	N	B
	mat.	col.

With removable feature, this product is essential to control loose webbing ends in many applications.

TSD 430



TSD 430	PP	B
	mat.	col.

A Strap Divider to hold braces or suspenders in central position on your back.

PSD 440



PSD 440	PE	B
	mat.	col.

A Strap Divider to hold braces or suspenders in parallel position on your back.

FT 4



FT 4	E	B
	mat.	col. col.

This model creates a two strap retention point enabling unusually shaped items to be securely mounted.

FT 6



FT 6	E	B
	mat.	col.

A Fast Tab for longer applications needs.

SPAD



SPAD 30	E	B
SPAD 40	E	B
	mat.	col.

Accessory to provide comfort on shoulder straps and reduce slippage.

PH 3000



PH 3000	A	B
	mat.	col.

The Phone holder series offers a lightweight, strong and ergonomic system to hung mobile phones, handheld GPS and various power tools. The PH 3000 is the smaller in the series with clip attachment

PH 5330



PH 5330	A	B
	mat.	col.

Medium Size Phone Holder with clip attachment.

PH 5340



PH 5340	A	B
	mat.	col.

Medium Size Phone Holder with screwable back plate attachment.

PH WHEEL



PH WHEEL	N/GF	B
	mat.	col.

Wheel usable to connect Medium Size Phone Holders with devices. Available for PH 5330 and PH 5340.

A	
AIR DIVIDER (AD 15)	10
AIRLOC	4
AIRLOC DUAL.....	4
B	
BKL	20
BLS	20
BLS 50	20
C	
CANNON CLIP	17
CE 3-5	17
CF MINI 4*4.....	15
CF STD 4*10.....	15
CL.....	16
CORD END.....	17
CP 3-6	17
CSB	13
CSL.....	16
D	
DCL	15
DESR.....	6
DR	18
DWSR	4
E	
ECL.....	15
ECL TOASTER.....	15
ELL.....	8
ESR	6
ESR 60-B.....	6
ETG	9
F	
FT 2.....	21
FT 4.....	21
FT 6.....	21
FX 1.....	14
FX 3.....	14
FX 5.....	14
G	
GP1	14
GTSP CORDLOC.....	15
H	
HPCB.....	11
I	
INTERNATIONAL DIVIDER	10
K	
KH.....	12
L	
LL.....	8
LPCB	11
LPCB 327	11
M	
MP BUCKLE 50.....	5
MW 2	19
N	
NCSB 3737	13
NCSB 4040.....	13
P	
PCAP.....	11
PH 3000	22
PH 5330	22
PH 5340	22
PH WHEEL.....	22
PSD 440	20
Q	
QCR.....	14
R	
RR	18
RSNH.....	12
S	
SG	9
SHOCKFLEX 15.....	7
SHOCKLOC 15.....	7
SL 183.....	16
SL 188.....	16
SLL.....	8
SNH.....	12
SPAD	21
SQR	18
SR	5
SS-40	7
SS-440	7
T	
T (TERMINAL)	19
TENT TOGGLE	19
TG	9
TM.....	19
TSD 430	20
W	
W5W 25	7
WA 17.....	10
WLL 25.....	8
WSR.....	4
WSR TONGUE	5
WTC 25.....	12
Z	
ZIP CORD	17

ITW Nexus Marine

SS-40 SS-440

WSR ESR 30

Toggle MW-II


Model	Size	Colour	ISO
SS-40	40	Black	ISO 12402
SS-440	40	Black	ISO 12402
WSR	20-25-40-50	Black	ISO 12402
ESR 30	30	Black	ISO 12402
Toggle	-	Black/Orange	N/A
MW-II	-	Black/Orange	ISO 12402

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ITW Nexus Marine

The NEW SS 440 PLUS

An updated and enhanced version of our SS 40 model, the SS 440 PLUS is now capable to withstand the demanding tests for Inflatable Lifejackets. Designed to meet ISO 12402 and SOLAS, we see this product as the next generation in Safety at Sea from ITW Nexus.



ITW Nexus

PCAP

From Evolution to Revolution...



Discovery...
 The PCAP from ITW Nexus is the first of its kind, and challenges conventional material selections. Moulded in the new Fixton advanced Polymer material exclusive to ITW, the PCAP maintains high levels of performance while offering weight saving and handling benefits.

PCAP
 Can be used in numerous applications: as a Child Car Seat central adjustment, medical equipment, luggage, boat and tent industries. And others in home and work place.



A	28,5
B	26
C	20,5
D	43,5


All sizes in mm.

It is the responsibility of the customer to determine the suitability of ITW NEXUS products for use in their particular application.

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CERTIFICATE

ISO 9001:2008



DEKRA Certification

hereby certifies that the company




ITW ESPAÑA, S.A.
División NEXUS

Business field:
Design, development and production of plastic parts by injection and assembly.


Location:
Carretera de Ribes, km. 31.7, 08520 Les Franqueses (Barcelona)


has successfully implemented the above mentioned quality management system according to the standard (112008) and applies it effectively. The conformity was inspected during the certification audit documented in audit report no. E-692.QM.R2. This certificate is only valid in connection with the successful performance of the surveillance audits.

This certificate is valid from: 09.03.2010	Date of the first certification: 22.12.1995
This certificate is valid until: 08.03.2013	Certificate registration no.: 80104063/2
Last audit day: 25.11.2009	Duplicate



DEKRA Certification
Stuttgart, 19.02.2010





QMS-TGA-ZM-05-91-00

CERTIFICATE



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Institute of the International Association for Research and Testing in the Field of Textile Ecology (ISO-ITEX)

The company
ITW NEXUS EUROPE
Ctra. de ribes, Km. 31.7
08520 Les Franqueses (Barcelona), SPAIN

is granted authorization according to Oeko-Tex® Standard 100 to use the Oeko-Tex® mark, based on our test report 2012OK0095



CONFIDENCE IN TEXTILES

Tested for harmful substances according to Oeko-Tex® Standard 100

2012OK0095 AITEX

for the following articles:
Plastic buckles, pins of ribbons/cordons, pieces final and adjustment of cordon (retainers), plastic pieces for backpacks and harness.

The results of the inspection made according to Oeko-Tex® Standard 100, product class II have shown that the above mentioned goods meet the human-ecological requirements of the standard presently established for products with direct contact to skin.

The certified articles fulfil the requirements of Annex XVII of REACH (incl. the use of azo-dyes, nickel, etc.) as well as the American requirement regarding total content of lead in children's articles (CPSIA, with the exception of accessories made from glass).

The holder of the certificate, who has issued a conformity declaration according to ISO 17060-1, is under an obligation to use the Oeko-Tex® mark only in conjunction with products that conform with the sample initially tested.

This authorisation is valid until 31.03.2013
Alcoy (Alicante) España, 13.03.2012



Silvia Devesa Valencia
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Isabel Soriano Sarró
Chief of Innovation Area

Material Descriptions

Acetal: is a crystalline thermoplastic polymer material. Acetal characteristically has excellent tensile strength, stiffness, surface hardness and chemical resistance. Acetal has excellent flexural memory and property retention when subjected to repeated loading. The normal short-term use temperature range is -40°F to +270°F (-40°C to +132°C). Acetal is recommended for high performance applications. Physical properties remain consistent across a wide range of temperature, relative humidity, and weather conditions.

Delrin: is a toughened Acetal. This material possesses all of the positive attributes of standard Acetal, combined with a superior resistance of impacts loads. Designed to withstand the toughest of environments and excessive treatment, Delrin is recommended for Military applications for Personal Load carriage in particular.

Nylon: is a thermoplastic polyamide resin. This material maintains good tensile strength, chemical resistance, stiffness and flexural memory. Nylon is excellent in high temperature applications. The normal short term use temperature range is -40°F to + 390°F (-40°C to +199°C). Nylon is however, a hydroscopic resin. Therefore, physical properties will vary as the relative humidity changes. When dry, tensile strength is higher and impact is lower. When wet, tensile strength is low and impact strength is very high.

Elastomeric Resin: is a thermoplastic material. It is a flexible plastic that bridges the gap between rubbery elastomers and rigid plastics. In general, it exhibits good low temperature flexibility, good toughness, chemical resistance and excellent abrasion resistance. Normal short-term use temperature range is 0°F to +293°F (-18°C to +145°C). Material properties will change drastically outside of this range. This temperature range is material-based and individual parts may perform differently.

The information provided on this page is to be used as a preliminary guideline when considering what materials to use in specific applications. This is not a guaranteed performance data, since the information provides is general to the raw materials and therefore may vary by product, design or specific loading application. It is the customer responsibility to determine the suitability of our products in a particular application. Please contact ITW NEXUS if you require any additional information.

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