

The logo for CELO, featuring the word in a bold, white, sans-serif font. Each letter has a small yellow dot positioned above it. The logo is set against a black background that occupies the left half of the page.

CELO

The text 'Fastening technology' is written in a bold, black, sans-serif font. It is located within a white, curved, semi-circular shape that overlaps the yellow background and the black structural image.

**Fastening
technology**

The text 'Catalogue 2020/21' is written in a black, sans-serif font. It is located within a white, curved, semi-circular shape that overlaps the yellow background and the black structural image.

Catalogue
2020/21





Fixings technology

Catalogue
2020/21

The background of the entire page is a photograph of construction cranes at sunset. The sky is a warm, orange-brown color, and the cranes are silhouetted against it. The word "New" is overlaid on the left side of the image in a large, bold, black font.






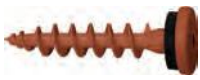


New

Product News 2020



We know there is always room to improve.

That is why we invest a lot of energy and time in the **development** of new products and the **optimization** of existing ones.

Plugs

		MFR 10 p. 45		BT plus p. 72
		USN 40 & USN 60 p. 58		IPS-H p. 98
		ProtectFIX p. 68		IPSD-H p. 100


Metal anchors

		BAZ plus p. 121		BTS p. 133
		BA A4 p. 131		Dnbolt DE p. 147



Chemical fastening systems

		ResiFIX VY ECO SF p. 160		ResiFIX Pure Epoxy p. 168
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Screws

	Plumber screws for IPSD 80 and IPSD-H p. 97 and p. 101
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Sanitary and electrical fixings

	InsertFIX p. 265
	Clamps LI, L, D, RID from p. 258

Gas nailer FORCE ONE and accessories

		FORCE ONE p. 226		ABT, FPD, UT from p. 232
		GASFONE p. 229		TPC, WDC, TBB from p. 234
		TKA & XHA p. 230		DFT, ATV, AAT from p. 240

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Light duty fixings

- Standard fixings
- Frame fixings
- Window frame fixings
- Cavity fixings



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Insulation fixings



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Metal anchors



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Chemical fastening systems



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Adhesives and Sealants



Screws



- Chipboard screws VELOX®
- Construction screws BMax
- Drywall screws
- Other screws

page 189



Gas nailer FORCE ONE and accessories

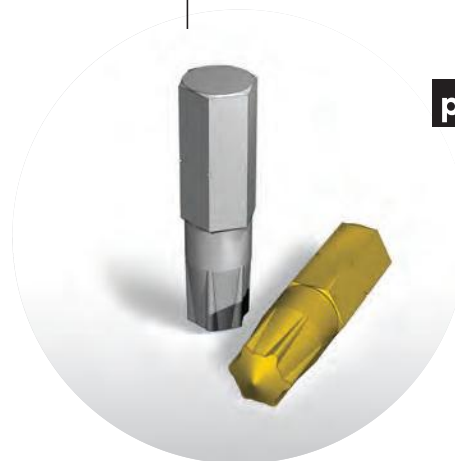


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Accessories

- Covers and caps
- Bits



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- Clamps
- Electrical fixings
- Sanitary fixings
- Special fixings








Sanitary- and electrical fixings











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Blister & single label

page	Con- crete	Solid brick	Hollow brick	Aerated con- crete	Boards	Insula- tion	ETA
							




Standard fixings








Plug FX		24	●	●	●	●	○		
Standard plug F		27	●	●	○	●			
Standard plug FL long		30	●	●	●	●			
Multi-purpose plug MZ & MZK		32	●	●	●	●	●		
Universal plug AZ & AZK		36	●	●	●	●	●		
Aerated concrete plug GB		38				●			
Scaffold plug GR with eyebolt screw OES		40	●	●	○	○			
Blockwork anchor MSD		42	●	●	●	●			

Frame fixings






Multifunction frame plug MFR		45	●	●	●	●			
Hollow block frame plug HBR		50	○	●	●	●			
Frame plug R		53	●	●	○	○			
Nail plug NP		55	●	●	○	○			
Universal Spreading Nail USN		58	●	●	●				
Nail plug NPZ		60	●	●					
Quick-fix nail BN		61	●	●	○				

Window frame fixings






Metal frame plug MR		64	●	●	○	○			
Window frame screw FBS		66	●	●	●	●			
Window protection ProtectFIX		68	●	●	●	●			

page	Con- crete	Solid brick	Hollow brick	Aerated con- crete	Boards	Insula- tion	ETA
							

Cavity Fixings

Cavity plug universal BT plus		72			○		●		
Spring toggle FK		74			○		●		
Cavity plug metal HRM		76			○		●		
Cavity fixing HR		78					●		
Plasterboard plug GKD & GKDZ		80					●		





Insulation fixings I

Insulation support DSH		84	●	●					
Insulation support DSH-M		84	●	●	○				
Insulation support DST & DSH-T		86							
Insulation fastener IPD		87	●	●	●	●			

Insulation fixings II

Insulation plug IPL 60 / IPL 95		90						●	
Insulation plug IPL 95DS		92						●	
Insulation screw IPS 80		94						●	
Insulation screw plug IPSD 80		96						●	
Insulation screw IPS-H		98						●	
Insulation screw plug IPSD-H		100						●	

Sanitary fixings

Standing toilet installation set WC		103	●	●	●	●	●		
Standing toilet installation set FRH		105	●	●	●	●	○		
Vanity installation set WT		107	●	●	●	●	●		
Urinal installation set UB		108	●	●	●	●	●		



Concrete



Solid brick



Hollow brick



Aerated concrete



Boards



Insulation



Metal anchors

Brass plug ME		110	●	●					
Suspended ceiling anchor DA		112	●	○					
Drop-in anchor SA & SAK plus		114	●						
Drop-in anchor SA & SA-N		119	●						
Quick-fix anchor BAZ plus for cracked and non-cracked concrete		121	●						
Quick-fix anchor BAZ for cracked and non-cracked concrete		124	●						
Quick-fix anchor BA plus for non-cracked concrete		128	●						
Quick-fix anchor BA A4 for non-cracked concrete		131	●						
Concrete screw BTS		133	●						
Concrete screw BTS6		136	●	○					
Concrete screw BTS 5		139	●	○	○				
Concrete screw BTS M		141	●						
Heavy-duty anchor SLA		143	●						
Forced expansion anchor ZA		145	●						
Sleeve anchor Dnbolt®		147	●	○					




Chemical fastening systems

Injection mortar ResiFIX VYSF		156	●	●	●	●			
Injection mortar ResiFIX VY ECO SF		160	●	●	●	●			
Injection mortar ResiFIX PYSF		164	●	●	●	●			
Injection mortar ResiFIX Pure Epoxy		168	●	●	●	●			
Manual dispenser APP 300, APVM, APP 380, OL		170							
Sleeve SH / IGH Metal-Sleeve SH-1000 Anchor stud RESI AST		172							

		page	Con- crete	Solid brick	Hollow brick	Aerated con- crete	Boards	Insula- tion	ETA
ResiTHERM®		175	○	○	●	●			
Bonded anchor VA Sharpened anchor stud VA AST		183	●	○					ETA




	page	grey	white	transparent	Detail
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Adhesives and Sealants



StickFX Professional HT		187		✓		Mounting adhesive and sealant
StickFX Professional XP		187	✓	✓		All-purpose adhesive and sealant
StickFX Professional CL		187			✓	Transparent adhesive and sealant

	page	black phosphated	blue zinc plated	yellow zinc plated	stainless steel A2	SIT	TX	PZ	PH	SW	ETA
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Chipboard screws VELOX®

VELOX® SIT		192	✓	✓	✓	✓					ETA
VELOX® Pozi		196	✓	✓				✓			ETA
VELOX® B		199	✓					✓			ETA

Construction screws

BMax with countersunk head		203	✓				✓				ETA
BMax with wafer head		204	✓				✓				ETA

page	black phosphated	blue zinc plated	yellow zinc plated	stainless steel A2	SIT	TX	PZ	PH	SW	ETA
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Other screws

Wood screw DIN 571		206		✓						✓	
Standard chipboard screw SPS		208			✓		✓	✓			
Adjustment screw JS		212		✓			✓				
Eyebolt screw OES		213		✓							
Hanger bolt EDR		214		✓			✓				
Wood screw with internal thread Torab® P		215		✓						✓	
Plumber screw PLS		97				✓	✓				

















Drywall screws

Fine thread screw SSF		218	✓						✓		
Coarse thread screw SSG		218	✓						✓		
Drill point screw SSB		218	✓						✓		
Fibreboard screw GSH		219	✓						✓		
Drywall-to-drywall screw GGS		219	✓						✓		
Metal framing screw PVS		219		✓					✓		






Accessories for screws

Self-adhesive PVC cover Magic Tap		221
SIT®-Bits		223
PH-Bits		224
PZ-Bits		224
TX-Bits		224
Duo-Bits		224








FORCE ONE and accessories

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Fuel cell FONE for gas nailer FORCE ONE		229
Steel nails XHA / TKA		230
Multidiameter nylon clamp Abranyl® ABT		232
Pipe ring clip UT		233
Nylon clip for flat cables TPC / TPLC		234
Wire conduit WSC / WDC		235
Cable tie fasteners TBB / TBL / TBD / TBM		236
Conduit clip FP / FPD		238
Conduit clip FT		239
Metal conduit clip PFT / DFT		240
Stud accessory ATR		241
Rod hanger ATV		242
Ceiling hanger AAT		243
Metal washer AW		244

Plastic clamps

Plastic clamp Abranyl® AN		248
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Plastic clamp Abranyl® ABM		249
Multiclip MC		250
Pipe ring clip UT		251



Metal clamps

Quick clamp RIF		254
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Metal clamp LI		258
Metal clamp L		259
Heavy-duty metal drainage clamp D		260
Hose clamp SF		261




Electrical fixings

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Push-in plug InsertFIX		265
Push clip TACLIP® FTS / FTD		267
Push loop TACCABLE®		268
Cable clip Plastigrap®		269
Punched metal tape CA		270

Special fixings

Special self-drilling screw Torab® ST		272
Trapezoidal metal sheet hanger TPZ		274

Blister, Assortment box, Single label

Blister		277
Assortment box		287
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At CELO, we know that our screws and fixings contribute only a very small part to the entire project.

We take care in making our products competitive, while our main goal is to develop and innovate in products and services that reduce your costs... from design to installation.

- **Your time. Our value.**
- **Innovation**
- **Know-how**
- **Quality**



At CELO, we take care of the small things

Small Things Matter

Just look around you. The world is made of small pieces that, united, form something greater. We know that in the end it's the little things that make a huge difference and that's why we, as experts, take care of every detail - from development to application. Things - sometimes as small as a plug or a screw.

Multifunction frame plug MFR

Enables universal mounting of facade substructures as well as wood and metal parts in all common base materials.

**Selfdrilling screw with metric thread Torab**

For metal profiles of 1-6 mm thickness. With metric connecting thread for efficient installation of clamps.

**Profiles and struts**

Metal rails and profiles for versatile electrical and sanitary installations.

**Construction screw BMax**

The approved BMax screw fulfills highest requirements for use in timber construction.

**Standard plug F**

The classic with high pull-out loads even in perforated brick and aerated concrete, consisting of high-quality and ageing resistant nylon.

**VELOX® screws**

With a true passion for details CELO offers chipboard screws with ETA assessment and SIT recess.

**Quick clamp RIF**

Quick installation of hot water and heating pipes thanks to a clever closure with only one screw

**Suspended ceiling anchor DA**

The reduced anchorage depth reduces rebar hits and saves time. With ETA assessment.

**Nylon clamp multi-diameter Abranyl® ABM**

The clamp closes automatically when the pipe is pushed in. And: Only one clamp for several pipe diameters

**Quick-fix anchor BAZ plus**

For a variety of applications. A plus in user-friendliness due to the setting depth marking ring. Highest load values for your safety.

**ResiFIX VYSF**

With option 1 for cracked concrete, earthquake and fire resistance testing. You certainly have the right product for your project!



Small Thin

Concrete screw BTS

High loads,
easy installation.
Extended range with ETA
assessment for cracked
concrete.

**Concrete screw BTS6**

Fast and direct fixing
in concrete for a wide
range of installations.
Available in many
different types for
various applications.

**Sanitary fixings FRH**

Easy and fast. The
sanitary sets from CELO
save time during your
sanitary installation.

**Cavity plug BT plus**

The universal, fast and
strong cavity fixing.
Easy handling.

**Insulation screw IPS**

Innovative solution for
direct mounting into
ETICS. Fast fixing of
wall connection profiles
without thermal bridge.
Available in many
colours.

**Insulation plug IPL 95DS**

Simple, fast, flexible
and adjustable! Reliable
fastening of rainwater
downpipes in ETICS.
Direct fastening in the
insulation material
- No thermal bridge.

**Distance mounting
system ResiTHERM®**

Perfect solution for sa-
fety-critical fixings at
the insulated facade! No
thermal bridge. Suitable
for high loads.

**The ultimate gas nailer
FORCE ONE**

The lightweight, power-
ful and ergonomic
gas nailer.

**Fast push-in plug
InsertFIX for cable ties**

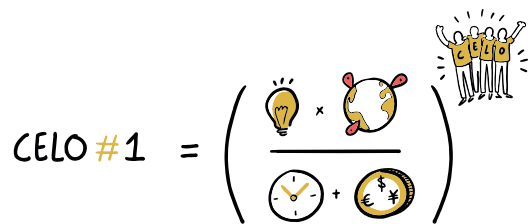
Drill a 6 mm hole. Press
the plug in with your
finger and achieve high
loads - quick and easy.



ings Matter

Quality, know-how and innovation

CELO's vision is to become an international leader in innovative technical screws and technical fixings that reduce time and cost of installations and assemblies:

$$\text{CELO \#1} = \left(\frac{\text{Lightbulb} \times \text{Screw} \times \text{CELO team}}{\text{Clock} + \text{Euro symbol}} \right)$$


A simple equation represents our DNA

- In the numerator: Knowledge, innovation and international reach allow our company to grow.
- In the denominator: Fixings, that reduce time and cost of installation help our customers to be competitive.
- The CELO team is the part of the equation that potentiates our development.



Quality "Made in Germany"

In-house development department





**Solutions
for every need**

**Uncompromising
customer focus**



Your benefits

- **Innovative solutions**, that save the user time and money.
- **Extensive range of products** for distributors and end consumers.
- **Partnership based cooperation** and a fair price-performance ratio.
- **Many years of experience** in the development and manufacturing of fixing systems.
- **Highest product quality** ensured by top-grade raw materials and proven functionality shown by many ETA assessments.
- **Strong partner**, thanks to worldwide presence and manufacturing facilities of the CELO Group.
- **Member of the CFG Trade Association.** New trends in the industry at firsthand.



Customer Service

Phone +49 (0) 8251 90 485 0

Fax +49 (0) 8251 90 485 49

E-Mail info@celofixings.de

Service time

Mon - Thu

Fri

7:30 - 17:00

7:30 - 14:00



Field Service

- Committed – competent – flexible
- Extensive field service care
- Personal consultation
- Product recommendations
- Shelf planning and shelf service
- Roadshow

Democar

- Service for our dealers
- Technical support
- Theoretical and practical product training
- Pull-out tests on site
- Training and advice of end users*
- Construction site visit*

*in consultation with your specialised dealer



Training center

- Teaching technical knowledge of fixing technology
- Theoretical and practical product training
- Exchange of experiences
- Factory tour
- Small seminar groups (max. 15 people)
- Certificate for successful participation

Design Software - Anchors




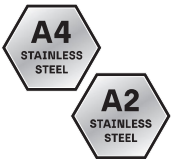








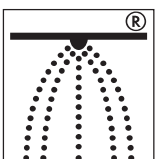


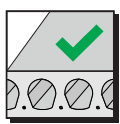
Important Information about the 2020/21 Catalogue

- Our General Terms and Conditions apply exclusively
- When using our products, please take note of instructions found in brochures, assessments, and on our homepage
- Our products may be subject to change without notice if these changes serve technical improvements
- Invoicing is only done through commercial customers
- Returning goods only through prior agreement and indication of delivery note number
- Products with blue printed article numbers extended delivery times possible
- For deliveries of the FORCE ONE range, transport cost surcharges may apply in some countries



Information

Used symbols and icons

Symbol	Explanation	Symbol	Explanation
	The European Technical Approval/Assessment (ETA) is a widely accepted confirmation of technical suitability of a building product in accordance with the Construction Products Regulation (CPR) in the member states of the EU.		MS polymers are adhesives and sealants with outstanding properties that are used in a wide range of applications.
	By affixing the CE mark the manufacturer declares that the product meets the valid European standards . CE-marked products can be freely distributed in the European Economic Area.		Products labelled with this symbol are made of stainless steel (A4 or A2) and are thus generally suitable for outdoor usage.
	The Ü mark certifies general building inspectorate assessment for building products issued by DIBt in Berlin, the German Institute of Civil Engineering.		Leadership in Energy and Environmental Design (LEED) is a green building certification system. It is a global sustainability certificate and defines a series of standards for environmentally friendly, low-pollutant, low-emission and sustainable building.
	The IFBT (Institute of Facades and Fixing Technology) conducts experimental testing and engineering appraisal of façade and fixing systems.		Émissions dans l'air intérieur is a French VOC label used to test emissions from building products. The test specification complies with ISO 16000 and corresponds to the statutory methodology for the evaluation of the health impact of building materials applicable in Germany.
	Fire resistance class, i.e. fire-resistant product The fire resistance stands for the time in minutes that the anchor continues to perform its function, with decreasing performance, when exposed to fire.		Kiwa specialises in quality testing and certification of products and systems, as well as environmental protection services.
	The product is suitable for use as an anchor subjected to seismic loading according to the European Technical Approval/Assessment. The seismic performance of anchors subjected to seismic loading is categorized by performance categories C1 and C2.		Underwriters Laboratories (short: UL) is an independent organization headquartered in the USA that tests and certifies products for safety..
	Sprinkler mark Products bearing this label may be used to fix fire extinguishing pipe systems to concrete ceilings. They comply with the current VdS guidelines.		RoHS stands for the restriction of the use of certain hazardous substances in electrical and electronic equipment. The purpose of this EU Directive is the protection of human health and the environmentally disposal this equipment. It indicates that the anchor does not contain any of these hazardous substances.
	"Best Nylon Quality" stands for products made of weatherproof and ageing resistant nylon (polyamide).		The product has an European Technical Approval/Assessment (ETA) for use in precast pre-stressed hollow core slabs .

