



Committed to a Sustainable Future
Certified, Audited, Ready!



ISO 45001:2018
ISO 9001:2015
ISO 14001:2015
ISO 14064 CALCULATED
CBAM READY
ECOVADIS EVALUATED

2025

Committed to a Sustainable Future Certified, Audited, Ready!

Arı Döküm is one of the leading global manufacturers of essential scaffolding and formwork accessories in the construction industry. Founded in 1998, our company specializes in producing custom parts tailored to customer demands and technical drawings, setting us apart in the sector. In our 5,000 m² integrated facility, we carry out casting, forging, sheet metal processing, coating, and assembly under one roof, ensuring high efficiency and quality.

With a portfolio of over 700 different products, Arı Döküm offers tie rods and nuts in compliance with the DIN 18216 standard, capable of supporting a minimum of 190kN, as well as formwork clamps and bolts compatible with almost all panel types, and base and head jacks in various diameters and lengths. Our commitment to quality and safety has made us one of the most trusted suppliers in the industry, with our products being used in construction projects worldwide.

Since our establishment, safety and quality have been our top priorities. One of our first customers, SGB, emphasized that the components we produced were critical safety parts for scaffolding systems. This awareness has driven us to continuously improve ourselves and our products. Today, with over 40 years of industry experience, we export to more than 40 countries worldwide. Beyond supplying high-quality scaffolding and formwork accessories, we also play an active role as a product developer for various systems. We work closely with our customers throughout the entire process, from the prototype phase to mass production, ensuring that our products are developed in line with their specific requirements.

At Arı Döküm, sustainability is not just a goal—it is an integral part of our operations. We closely follow regulations such as CBAM and continuously invest in making our production processes more environmentally friendly. Our factory holds a Zero Waste Certificate, demonstrating our commitment to reducing environmental impact and adopting sustainable practices. With this approach, we aim to be not only a reliable supplier but also a driving force for a sustainable future.

With our strong production capacity, high-quality standards, and sustainability-driven approach, Arı Döküm continues to strengthen its position as a leader in the industry.



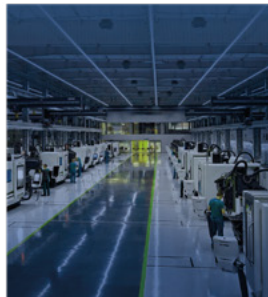
A Rising Star in Turkey – Excellence in Casting and Manufacturing

After relocating to our new facility in Yalova, we have been repeatedly recognized as Turkey's Rising Star in our sector by the Turkish Ministry of Trade, thanks to our exceptional casting capabilities and manufacturing excellence.

LIGHTS OUT manufacturing



5000 m²
production
area



SOLAR
ENERGY
systems

AUTOMATION production



GREEN
building

Casting

Our casting facilities include both the Disamatic lines with vertical casting method, and also the horizontal casting lines. The casted products are mainly produced from Ductile Cast Iron, Malleable Cast Iron and Steel. The possibility to choose the necessary material according to the application and working conditions of each and every part provides our customers a competitive advantage. Due to this wide range of materials, there is a possibility to produce more high-tech mounted parts, where different material is used for every sub-piece.

Forging

Realizing that certain parts have to be produced using the forging method and due to the increasing demand, in 2014 we added the forged parts to our product range. The parts that certain suppliers were producing using machining and welding methods, are now produced by ARI by forging the part as a single piece. At the moment we possess both friction press and hammering methods of forging.

Machining

ARI experienced all the stages of development of casting technology: from manual production of casting tooling and core boxes to CNC-machining of metal tooling and core boxes at our own Machining Department.

Due to the high demand we increased the number of our CNC-lathe and CNC-milling machines, and on 25 April 2011 we opened our own CNC-machining atelier.

Galvanizing

Our galvanizing solutions, which prioritize durability, add long life to our castings and construction products. Our zinc coating protects steel structures against various adverse effects and increases the reliability of our products.

Innovation

This is our most defined competitive advantage: we use our experience and engineering infrastructure as a driving force for innovation which is reflected in the goods that we produce. Our working mentality could be considered as a Publicly Open Engineering Office which underlines the fact that we are much more than just a producer.

Dark Factory

Dark factory is known as the factory of the future or lights-out factory. Automatic machines give the opportunity of gaining advantages of effective use of energy, reduced human support and improved environment care.

Sustainability

As a leading foundry and metal processing company in its industry, Ari Döküm adopts a business model that centers around innovation and sustainability. This policy reflects our commitment to reducing our environmental impact and maximizing our social contributions while shaping the future growth of our company.

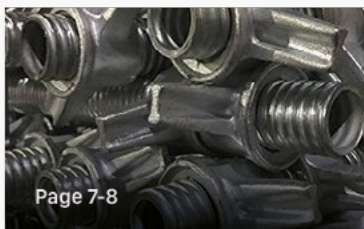




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SCAFFOLDING SYSTEM ACCESSORIES

Cuplock
Frame (Facade) Scaffolding
RingLock
Scaffolding Spigot Pins EN74-2



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BASE / HEAD JACK

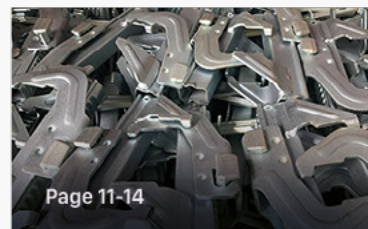
Adjusting Nut
Adjusting Tube
Adjusting Fork



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COUPLERS

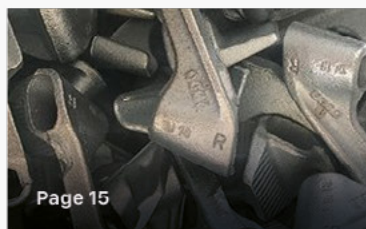
Couplers EN74-1
Scaffolding Spigot Pins EN74-2



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FORMWORK FRAMED PANEL ACCESSORIES

Couplers Clamps
Bolts
Strut (Pull Push Prop) Head
Corners
Plastic Plywood Plugs



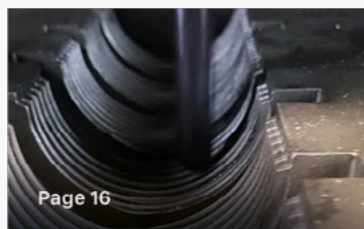
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TIMBER BEAM FORMWORK ACCESSORIES



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CLIP FORMWORK ACCESSORIES



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VARIOUS FORMWORK ACCESSORIES



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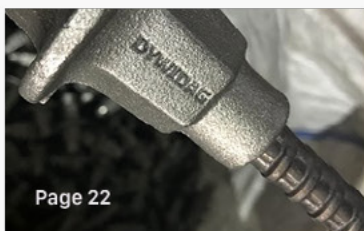
SLOPE NUT



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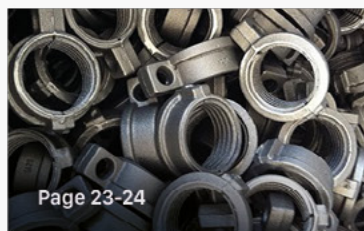
TIE ROD ACCESSORIES

Tie Rod Nuts 15/17
Tie Rod Nuts 20
Tie Rod Nuts 26 / 30
Square SlopeNut
Round SlopeNut
Tie Rod
B Segment Tie Rod & Accessories



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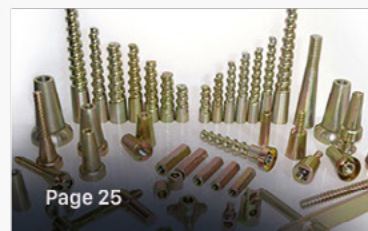
WATERSTOPERS



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PROP ACCESSORIES

Prop Nut
Prop Sleeves
Strut Head (Pull Push Prop)
Prop Nut Suporter
Drop Head



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CLIMBING AND ANCHORAGE SYSTEM ACCESSORIES




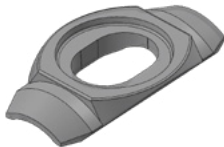
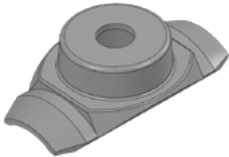
Scaffolding System Accesories

Cuplock Scaffolding System Accessories

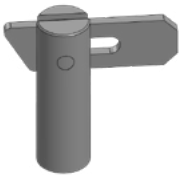

The most critical detail in the cup-lock system is the perfect interaction of the 3 components: Ledger Blade, Bottom Cup and Top Cup. If those parts are produced without taking into account their interaction, the final user may experience huge problems.

Due to the fact that the Top Cup is subjected to impact hits, it has to be produced from the material that is resistant to minus degrees. That's why ARI produces the Top Cup from the Malleable Cast Iron, which guarantees the resistance of the part even at -50°C. Some providers produce the Top Cup using the forging method. The forged Top Cup has the resistance but does not have the ideal geometry, so the most correct method is to produce casted Top Cup from Malleable Cast Iron.

Moreover, using the Diagonal Ledger Blade is a cheaper and more efficient solution if compared to the couplers. The Diagonal Ledger Blade will increase the reliability of your Scaffolding and will decrease your costs comparing to using the couplers.

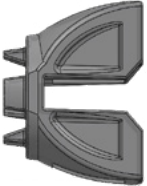

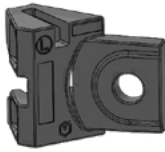

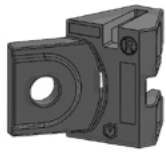





				
Top Cup - T	Top Cup - S	Bottom Cup (4mm)	Paddle	Diagonal Paddle
Product No : 030T	Product No : 030S	Product No : 032	Product No : 031	Product No : 033
Material : Malleable	Material : Ductile	Material : Sheet Steel	Material : Forged Steel	Material : Ductile
Weight : 0.465	Weight : 0.485	Weight : 0.200	Weight : 0.250	Weight : 0.360

H Type Scaffolding System Accessories

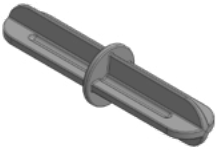


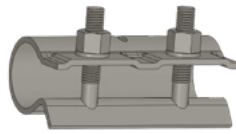
	
Scaffolding Pin	Scaffolding Pin
Product No : 057	Product No : 057
Material : Machined	Material : Forged Steel
Weight : Please ask	Weight : Please ask

RingLock Scaffolding System Accessories

ARI has provided the solutions for the ring-lock systems in over 40 countries worldwide with most prominent results. The accessories produced by ARI were used in cold and hot climates, as an example, in building of Petroleum Refineries, and as a feedback the complete customer satisfaction was obtained.

 <p>Ledger End (Without Wedge)</p> <p>Product No : 040</p> <p>Material : Steel Casting</p> <p>Weight : 0.375</p>	 <p>Ledger End (With Wedge)</p> <p>Product No : 040W</p> <p>Material : Steel Casting</p> <p>Weight : 0.485</p>	 <p>Ledger Diagonal End Left (Without Wedge)</p> <p>Product No : 041</p> <p>Material : Ductile</p> <p>Weight : 0.620</p>	 <p>Ledger Diagonal End Left (With Wedge)</p> <p>Product No : 041W</p> <p>Material : Ductile</p> <p>Weight : 0.770</p>	 <p>Ledger Diagonal End Right (Without Wedge)</p> <p>Product No : 042</p> <p>Material : Ductile</p> <p>Weight : 0.620</p>
 <p>Ledger Diagonal End Right (With Wedge)</p> <p>Product No : 042W</p> <p>Material : Ductile</p> <p>Weight : 0.770</p>	 <p>Ledger End Wedge</p> <p>Product No : 043</p> <p>Material : Sheet Steel</p> <p>Weight : 0.110</p>	 <p>Ledger End Flange (For Ø48 Tube)</p> <p>Product No : 044</p> <p>Material : Sheet Steel</p> <p>Weight : 0.540</p>	 <p>Ledger End Flange (For Ø60 Tube)</p> <p>Product No : 044</p> <p>Material : Sheet Steel</p> <p>Weight : 0.640</p>	 <p>Ledger End Flange R Type (For Ø48 / Ø60 Tube)</p> <p>Product No : 044</p> <p>Material : Sheet Steel</p> <p>Weight : 0.440</p>

Scaffolding Spingot Pins EN74-2

 <p>Joint / Spigot Pin Casting</p> <p>Product No : 055</p> <p>Material : Ductile</p> <p>Weight : 0.570</p>	 <p>Joint / Spigot Pin Tube Pressed</p> <p>Product No : 056</p> <p>Material : Steel</p> <p>Weight : 0.575</p>	 <p>Joint / Spigot Pin Forged</p> <p>Product No : 058</p> <p>Material : Forged</p> <p>Weight : 1.200</p>	 <p>Sleeve Coupler</p> <p>Product No : 059</p> <p>Material : Sheet Steel</p> <p>Weight : 1.181</p>
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Base / Head Jack

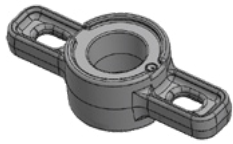
ARI considers safety as a main factor when designing the parts.

Moreover, the parts are designed and produced according to the respective international standards. All the goods in this segment suit the EN74 and EN18928 standards, and show the resistance which is much over the demanded. Both the nuts, and the tubes are produces with maximum precision.

The necessary periodic tests are performed both internally, and also by the third-party institutions, ex. TSE (Turkish Standards Institute). You can find some test reports in the QUALITY section of our website. The jack nuts can be produced by casting and by forging. Furthermore, the nuts can be produced with casted thread or the thread can be machined by CNC.

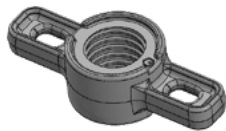


Adjusting Nut



**Jack Nut Ø 27 mm
(Without Thread)**

Product No : 351
Material : Ductile
Weight : 0.720



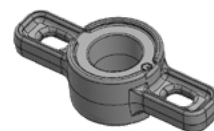
**Jack Nut Ø 35 mm
(CNC Machined Thread)**

Product No : 351A
Material : Ductile
Weight : 0.620



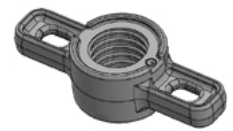
**Jack Nut Ø 35 mm
(Casting Thread)**

Product No : 350
Material : Ductile
Weight : 0.305



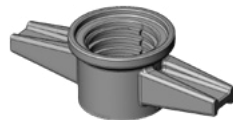
**Jack Nut Ø 38 mm
(Without Thread)**

Product No : 381
Material : Ductile
Weight : 0.660



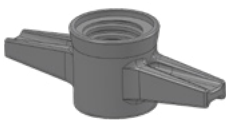
**Jack Nut Ø 38 mm
(CNC Machined Thread)**

Product No : 381A
Material : Ductile
Weight : 0.600



**Jack Nut Ø 38 mm
(Casting Thread)**

Product No : 380
Material : Ductile
Weight : 0.400



**Jack Nut Ø 40 mm
(Casting Thread)**

Product No : 400
Material : Ductile
Weight : 0.650



**Jack Nut Ø 48 mm
(Without Thread)**

Product No : 480
Material : Ductile
Weight : 0.985



**Jack Nut Ø 48 mm
(CNC Machined Thread)**

Product No : 480A
Material : Ductile
Weight : 0.900



**Jack Nut Ø 48 mm
(Without Thread)**

Product No : 481
Material : Ductile
Weight : 1.100



**Jack Nut Ø 48 mm
(CNC Mach. Thread)**

Product No : 481A
Material : Ductile
Weight : 1.000



**Jack Nut Ø 48 mm
(Without Thread)**

Product No : 482
Material : Ductile
Weight : 1.200



**Jack Nut Ø 48 mm
(CNC Machined)**

Product No : 482A
Material : Ductile
Weight : 1.100

Adjusting Tube



Threaded Tube Ø 35 mm

Product No : 535
Material : Steel
Weight : 1.580



Threaded Tube Ø 38 mm

Product No : 538
Material : Steel
Weight : 1.600



Threaded Tube Ø 40 mm

Product No : 540
Material : Steel
Weight : 1.620



Threaded Tube Ø 48 mm

Product No : 548
Material : Steel
Weight : 2.650

Couplers EN74-1

The double couplers produced by ARI were confirmed to be in the Class BB and the swivel couplers in the Class B as the result of the tests performed at the facilities of TSE (Turkish Standards Institute) in Gebze, Republic of Turkey. Those two respective Classes are the top for each respective type of Couplers. During this process ARI has supported the TSE in the development and procurement of the necessary equipment for this kind of testing. As demanded by the Standards, ARI is periodically performing all the necessary internal controls and tests.

Our products together with our Ring-Lock accessories were used at the construction of biggest Petroleum Refineries worldwide, and were highly appreciated by the Scaffolding professionals.



Couplers EN74-1



Toe Board Coupler

Product No : 046
Material : Forged Steel
Weight : 0.580



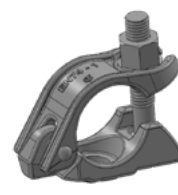
Drop Forged Doubled Coupler

Product No : 047
Material : Forged Steel
Weight : 1.165



Drop Forged Swivel Coupler

Product No : 048
Material : Forged Steel
Weight : 1.360



Drop Forged One Side (Half) Coupler

Product No : 049
Material : Forged Steel
Weight : 0.600



Fix Girder Gravlock (Beam) Coupler

Product No : 052
Material : Forged Steel
Weight : 1.505



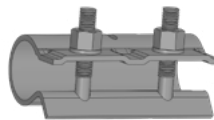
Swivel Girder Gravlock (Beam) Coupler

Product No : 053
Material : Forged Steel
Weight : 1.525



Putlog Coupler

Product No : 054
Material : Forged Steel
Weight : 0.650



Sleeve Coupler

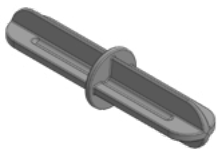
Product No : 059
Material : Steel
Weight : 1.185



M12 Bolt + 22 mm Nut

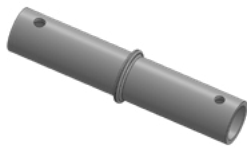
Product No : 048BN
Material : Steel
Weight : 0.650

Scaffolding Spigot Pins EN74-2



Joint / Spigot Pin Casting

Product No : 055
Material : Ductile
Weight : 0.570



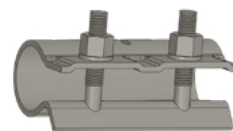
Joint / Spigot Pin Tube Pressed

Product No : 056
Material : Steel
Weight : 0.575



Joint / Spigot Pin Forged

Product No : 058
Material : Forged Steel
Weight : 1.200



Sleeve Coupler

Product No : 059
Material : Steel
Weight : 1.181

Formwork Framed Panel Accesories

Formwork Framed Panel Couplers Clamps

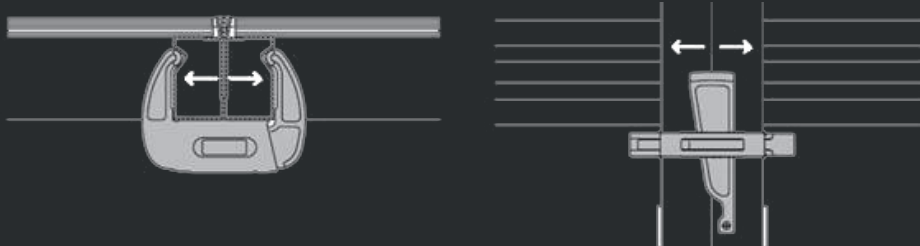
In this segment we are proud to be not only the producer, but also the developer of the parts. Upto this point we already have the experience of designing and development of more than 50 types of Clamps. The designing process starts with the design of Profile and goes into design of accessories, like clamps, nuts, etc.

All our clamps are produced with the consideration of the working conditions. For example, all the wedges are produced by forging, to grant the necessary resistance to impact hits. Moreover, our clamps proved themselves in such hard climate conditions as Russia, Poland and Sweden. Most recently, we expanded our product range with 2 new parts.

One of them is MULTI CLAMP. This clamp can fit any separate type of panel, and also can be used for assembling two different types of panels of different formwork producers. This proves to be advantageous for the users at the construction site.

The other newly introduced product is the BFP clamp. The biggest strength of this clamp is the fact that its body is produced from the seamless tube profile. This detail makes this clamp one of the most resistant in the market.

	Clamp Type	Suitable Profile Type	Tensile Force
1-	300CP Clamp PFD Type BFD	[120* 60]	45,3 kN
2-	300 Clamp DB Type	[120* 60]	39,6 kN
3-	300 MU Clamp MU Type	[120* 60]	34,1 kN
4-	340 Clamp DK Type	[95* 20]	31,6 kN
5-	Clamp M Type	[95* 20]	31,3 kN





Clamp DB Type

Product No : 300
Material : Ductile
Weight : 3.100



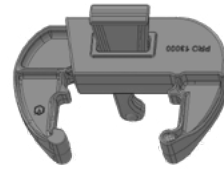
Clamp Universal DB Type

Product No : 300C
Material : Ductile+Steel
Weight : 5.600



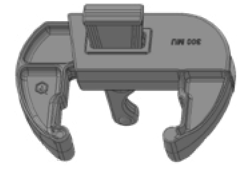
Multifunction Clamp DB Type

Product No : 300.MDB
Material : Ductile + Forged Steel
Weight : 5.800



Clamp Pro13000

Product No : Pro13000
Material : Ductile+Malleable
Weight : 3.400



Clamp MU Type

Suitable for all types ex. Framax

Product No : 300MU
Material : Ductile+Malleable
Weight : 3.160



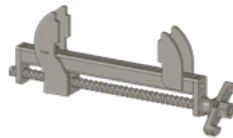
Clamp DK Type

Product No : 340
Material : Ductile
Weight : 1.225



Clamp Universal DK Type

Product No : 340C
Material : Ductile+Steel
Weight : 2.970



Adjustanble Clamp DK Type

Product No : 340.CDK
Material : Steel
Weight : 3.600



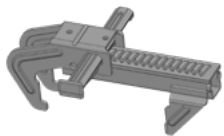
Clamp M Type

Product No : 320
Material : Ductile
Weight : 0.875



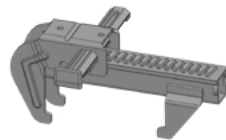
Clamp Universal M Type

Product No : 320C
Material : Ductile
Weight : 3.000



Clamp PFD Type BFD

Product No : 300CP
Material : Steel
Weight : 4.395



Clamp PRS Type DRS

Product No : 340CP
Material : Steel
Weight : 3.130

Formwork Framed Panel Bolts

All the Connector Bolts are produced by forging and without any machining of the thread. The raw material used for the production is specifically elected to fit the requirements. Moreover, the tooling for the production is designed internally by ARI. Other than the current range of products we also design the Bolts according to the customer needs.

In the production of the Bolts we avoid the processes that can lower the resistance of the part, like welding or machining of the thread, and we continuously share the importance of this detail with our partners.

<p>Universal Fixing Bolt 10-25 cm (Total 36 cm)</p> <p>Product No : 115T</p> <p>Material : Forged Steel</p> <p>Weight : 0.695</p>	<p>Universal Fixing Bolt</p> <p>Product No : 115P</p> <p>Material : Forged Steel</p> <p>Weight : 0.635</p>	<p>Universal Fixing Bolt</p> <p>Product No : 115L</p> <p>Material : Forged Steel</p> <p>Weight : 0.650</p>
<p>Panel Corner Connector</p> <p>Product No : 115V</p> <p>Material : Forged Steel</p> <p>Weight : 0.375</p>	<p>Universal Fixing Bolt 10-25 cm (Total 36 cm)</p> <p>Product No : 115TU</p> <p>Material : Forged Steel</p> <p>Weight : 0.695</p>	<p>Panel Corner Connector</p> <p>Product No : 115VL</p> <p>Material : Forged Steel</p> <p>Weight : 0.610</p>

Formwork Framed Panel Strut (Pull Push Prop) Head

The companies who produce the panels of different dimensions and attach the pull-push props both vertically and horizontally, it is a necessity to keep at least two (sometimes 4) different types of pull-push prop heads on stock.

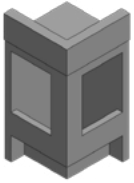
With our newly designed pull-push prop head our customers now can use the props with 20mm, 40mm and 50mm profiles, attach them both vertically and horizontally, using only one single head type. This decreases many costs, such as purchasing tracking, stock tracking, etc.

Moreover, due to its design our head type provides additional durability and resistance to the formwork system, which improves the marketing strength of our customers.

<p>Formwork Framed Panel Strut (Pull Push Prop) Head</p> <p>Product No : 250.3LU</p> <p>Material : Steel</p> <p>Weight : 2.400</p>

Formwork Framed Panel Corners

The weakest part of a formwork panel is its corner. This makes the usage of the steel casted corners a necessity, to protect the panel, especially for the companies who are in the renting business. Besides, if using the corners, the profiles can be cut at 90° instead of 45°. This provides the economy of both time and money. Furthermore, additional functions can be achieved with corners according to the necessities of the customer. Hereby we not only produce the parts, but if needed we can offer our customers a solution and a design.



Formwork Framed Panel Corners

Product No : 300.K
Material : Steel
Weight : 0.977



Formwork Framed Panel Corners

Product No : 300.K
Material : Steel
Weight : 0.879



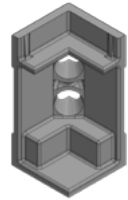
Formwork Framed Panel Corners

Product No : 300.K
Material : Steel
Weight : 1.365



Formwork Framed Panel Corners

Product No : 300.K
Material : Steel
Weight : 1.159



Formwork Framed Panel Corners

Product No : 300.K
Material : Steel
Weight : 0.760

Various Plastic Plugs



Plastic Plywood Plug – Body - MB

Product No : P001.MB
Material : Plastic
Weight : 16.0 kg/1,000 pcs



Plastic Plywood Plug – Cap - MC

Product No : P001.MC
Material : Plastic
Weight : 20.0 kg/1,000 pcs



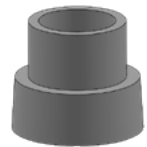
Plastic Plywood Plug – Body - AB

Product No : P001.AB
Material : Plastic
Weight : 18.0 kg/1,000 pcs



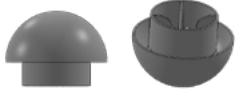
Plastic Plywood Plug – Cap - AC

Product No : P001.AC
Material : Plastic
Weight : 22.0 kg/1,000 pcs



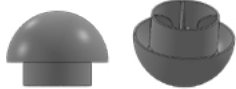
Water Barrier Plastic Cap

Product No : 130.PLK.HP
Material : Plastic
Weight : 9.1 kg/1,000 pcs



Safety Cap 8/16 Type 1

Product No : P115.8.16
Material : Plastic
Weight : 44.0 kg/1,000 pcs



Safety Cap 16/30 Type 1

Product No : P115.16.30
Material : Plastic
Weight : 44.0 kg/1,000 pcs



Safety Cap 8/16 Type 2

Product No : P215.8.16
Material : Plastic
Weight : 15.0 kg/1,000 pcs



Safety Cap 16/30 Type 2

Product No : P215.16.30
Material : Plastic
Weight : 44.0 kg/1,000 pcs

Timber Beam Formwork Accesories



Clips H 20

Product No : 200
Material : Ductile
Weight : 0.720



Hook Set

Product No : 220
Material : Malleable
Weight : 0.805



Hook Left

Product No : 221
Material : Malleable
Weight : 0.220



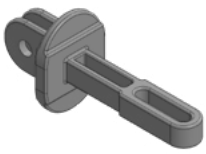
Hook Right

Product No : 222
Material : Malleable
Weight : 0.220



**Support Head
[WS 100;120;140]**

Product No : 250
Material : Ductile
Weight : 2.280



**Support Head (Modified)
[WS 100]**

Product No : 260
Material : Ductile
Weight : 1.930



Support Head Pin

Product No : 254
Material : Forged Steel
Weight : 0.330



Support Head Wedge

Product No : 255
Material : Sheet Steel
Weight : 0.380



Corner Head

Product No : 230
Material : Ductile
Weight : 2.680



Corner Head Universal

Product No : 240
Material : Ductile
Weight : 3.300



Wedge 19,5 mm

Product No : 280
Material : Ductile
Weight : 0.750



**Wedge 19,5 mm
Forged Steel**

Product No : 290F
Material : Forged Steel
Weight : 0.930



Wedge 19,5 mm

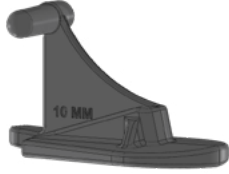
Product No : 290
Material : Ductile
Weight : 0.415

Clip Formwork Accesories



Panel Lock 8 mm

Product No : 308
Material : Ductile
Weight : 0.530



Panel Lock 10 mm

Product No : 310
Material : Ductile
Weight : 0.530



Panel Lock 10 mm (Small)

Product No : 311
Material : Ductile
Weight : 0.520



Formwork Pim

Product No : 330
Material : Forged Steel
Weight : 0.100



Formwork Pim Wedge

Product No : 331
Material : Sheet Steel
Weight : 0.100



Panel Lock 16 mm

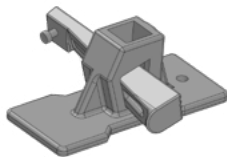
Product No : 311.ICM
Material : Ductile
Weight : 0.575

Various Formwork Accesories



Spring Clamp

Product No : 410
Material : Sheet Steel
Weight : 0,420



Cam Clamp

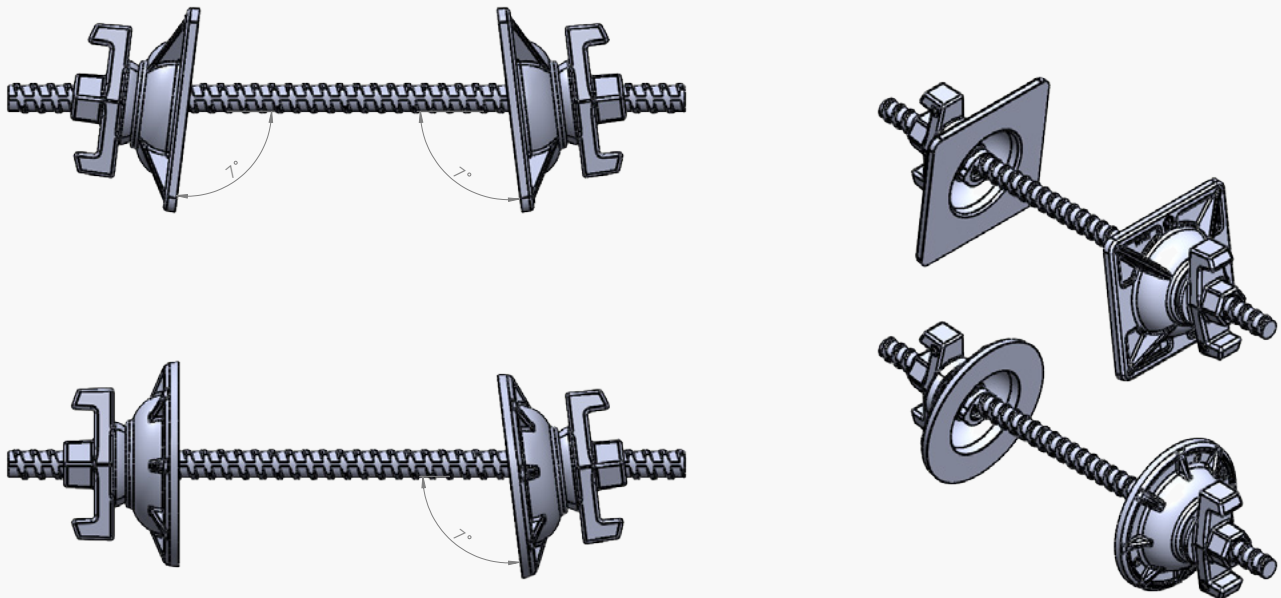
Product No : 420
Material : Cast Iron
Weight : 0,430

SlopeNut DIN 18216

Our Slope Nuts are resistant to minimum loads required by DIN 18216:November 2017. Our product is especially demanded by the customers who work in the cold and tough conditions.

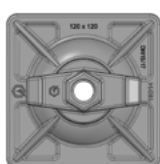
The nut has a movement range of 7°, which makes the mounting easier, especially in the conditions where mounting is hard due to uneven surface.

Moreover, due to special design the part is easy to repair, which increases the longevity. This is an important factor for the formwork renting companies.



Square SlopeNut DIN18216 --- Test Load 190kN ---

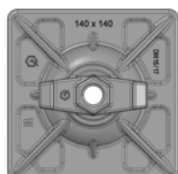
15/17



**Slope Nut 120x120
15/17**

Product No : 120
Material : Ductile+Steel
Weight : 1.250

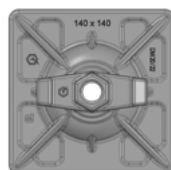
15/17



**Slope Nut 140x140
15/17**

Product No : 140
Material : Ductile+Steel
Weight : 1.450

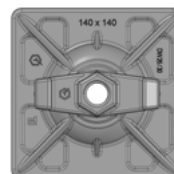
20/22



**Slope Nut 140x140
20/22**

Product No : 140
Material : Ductile+Steel
Weight : 1.580

26/30



**Slope Nut 140x140
26/30**

Product No : 140
Material : Ductile+Steel
Weight : 1.680

Round SlopeNut DIN18216

15/17



**Slope Nut Ø120
15/17**

Product No : Ø120
Material : Ductile+ Steel
Weight : 1.180

15/17



**Slope Nut Ø140
15/17**

Product No : Ø140
Material : Ductile+ Steel
Weight : 1.600

20/22



**Slope Nut Ø140
20/22**

Product No : Ø140
Material : Ductile+ Steel
Weight : 1.780

26/30



**Slope Nut Ø140
26/30**

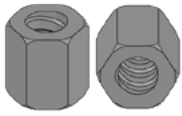
Product No : Ø140
Material : Ductile+ Steel
Weight : 1.880

Tie Rod Accesories DIN18216 --- Test Load 190kN ---

All the Tie Rod accessories are controlled for the break load both during the production and also periodically on stock basis. All those tests are performed in accordance with **DIN 18216:November2017** standard. Besides, the parts are regularly tested by the independent institutions, like TSE (Turkish Standards Institute). You can find the results of those tests in the QUALITY section of our website.

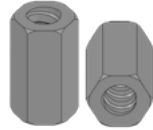
Nomina Dimensions	Working Load	Ultimate Load
15/17	90 kN	190 kN
20/22	160 kN	345 kN
26/30	280 kN	580 kN

Tie Rod Nuts 15/17 DIN18216



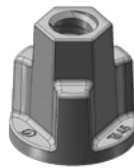
**Hexagonal Nut Ø27x30 mm
Weldable**

Product No : 027
Material : Steel
Weight : 0.100



**Hexagonal Nut Ø27x50 mm
Weldable**

Product No : 027
Material : Steel
Weight : 0.180



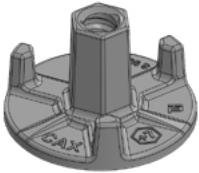
Waler Wing Nut Ø 50 mm

Product No : 050
Material : Ductile
Weight : 0.300



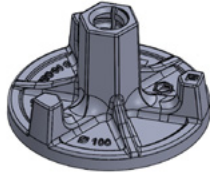
Waler Wing Nut Ø 70 mm

Product No : 070
Material : Ductile
Weight : 0.445



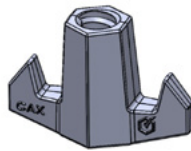
Waler Wing Nut Ø 90 mm

Product No : 090
Material : Ductile
Weight : 0.510



Waler Wing Nut Ø 100 mm

Product No : 100
Material : Ductile
Weight : 0.685



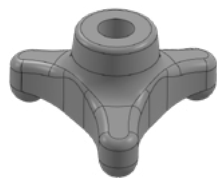
Wing Nut -- 15

Product No : 110
Material : Ductile
Weight : 0.350

All products are according DIN 18216.

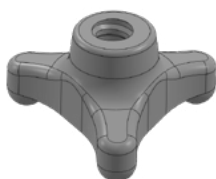
Tie Rod Nuts 20 DIN18216

26/30



Tie Rod Nut Ø 19 hole no thread

Product No : 126
Material : Forged Steel
Weight : 0.905



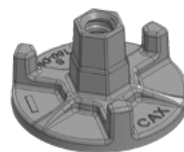
Tie Rod Nut Ø 24 (Machined Thread)

Product No : 126A
Material : Forged Steel
Weight : 0.725



Wing Nut -- 20

Product No : 110 -- 20
Material : Ductile
Weight : 0.480



Wing Nut Ø130

Product No : 130 -- 20
Material : Ductile
Weight : 1,550



Wing Nut -- 26

Product No : 110 -- 26
Material : Ductile
Weight : 0.905

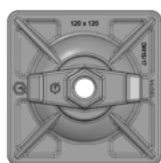
Square SlopeNut DIN18216

15/17

15/17

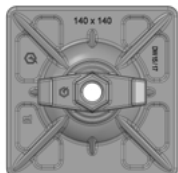
20/22

26/30



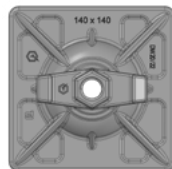
Slope Nut 120x120 15/17

Product No : 120 15/17
Material : Ductile+Steel
Weight : 1.250



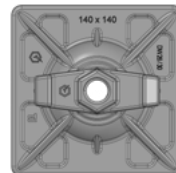
Slope Nut 140x140 15/17

Product No : 140 15/17
Material : Ductile+Steel
Weight : 1.450



Slope Nut 140x140 20/22

Product No : 140 20/22
Material : Ductile+Steel
Weight : 1.580



Slope Nut 140x140 26/30

Product No : 140 26/30
Material : Ductile+Steel
Weight : 1.680

Round SlopeNut DIN18216

15/17

15/17

20/22

26/30



Slope Nut Ø120 15/17

Product No : Ø120 15/17
Material : Ductile+ Steel
Weight : 1.180



Slope Nut Ø140 15/17

Product No : Ø140 15/17
Material : Ductile+ Steel
Weight : 1.600



Slope Nut Ø140 20/22

Product No : Ø140 20/22
Material : Ductile+ Steel
Weight : 1.780



Slope Nut Ø140 26/30

Product No : Ø140 26/30
Material : Ductile+ Steel
Weight : 1.880


All products are according DIN 18216.

Tie Rod DIN 18216 --- Test Load 190kN ---

We offer the HOT-ROLLED, WELDABLE TIE ROD which is resistant to loads required by DIN 18216: November 2017.

Since the moment of launching the products it proved itself on the various projects and sites on 4 different continents.

- Tested by Turkish Standards Institute  according to DIN 18216: November 2017

- Weldability tested by GSI SLV 

15/17



Tie Rod 15/17 (max 6m)

Product No :	115
Material :	Steel
Weight :	1.380

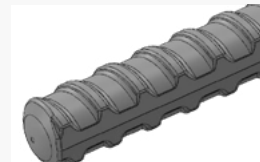
20/22



Tie Rod 20/22 (max 6m)

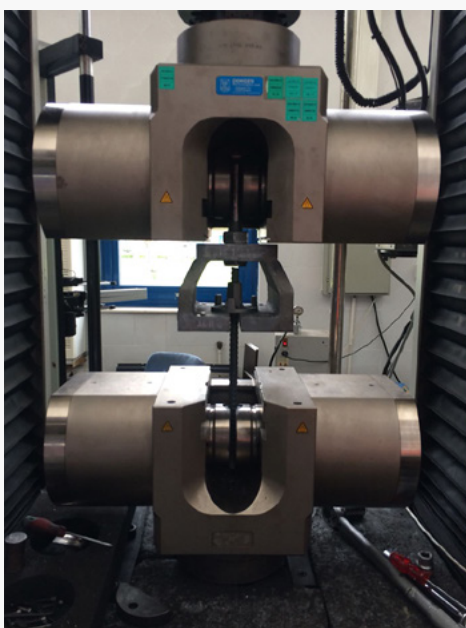
Product No :	115
Material :	Steel
Weight :	2.560

26/30



Tie Rod 26/30 (max 6m)

Product No :	115
Material :	Steel
Weight :	4.480



CAX 15/17 with Nut 202,45 [kN]*



CAX 15/17 without Nut 204,92 [kN]*

*Tested by Turkish Standart Enstitut TSE according DIN 18216 November 2017

WaterStoppers

DIN 18216

We are guaranteeing the below conditions for all our Water Barriers:

- Resistance as required by DIN 18216:November 2017.
- Non-passing of water

These two details are critical, so if demanded we provide to our customers the 100% water non-pass testing.

15/17



Water Stop

Product No : 120
Material : Ductile
Weight : 0.395

15/17



Water Stop

Product No : 130
Material : Ductile
Weight : 0.550

20/22



Water Stop

Product No : 130
Material : Ductile
Weight : 1,210

Nominal Dimensions	Working Load	Ultimate Load
15/17	90 kN	190 kN
20/22	160 kN	345 kN

All products are according DIN 18216.

Prop Accessories

Prop Nut

We supply the prop nuts and other prop accessories to the biggest European prop producers. We gathered an immense experience in this field. You can find the results of some tests in the QUALITY section of our website. The nuts can be produced in any needed diameter, from 60mm to 102mm. Our nuts proved themselves in the hardest conditions, and are preferred not only by the purchasing officers but also by the construction site managers.



Prop Nut Ø 50 mm without Thread

Product No : 051
Material : Ductile
Weight : 0.600



Prop Nut Ø 50 mm CNC Machined Threaded

Product No : 051A
Material : Ductile
Weight : 0.500



Prop Nut Ø 60 mm without Thread

Product No : 061
Material : Ductile
Weight : 0.570



Prop Nut Ø 60 mm CNC Machined Threaded

Product No : 061A
Material : Ductile
Weight : 0.480



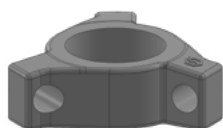
Prop Nut Ø 60 mm with Casted Thread

Product No : 060
Material : Ductile
Weight : 0.450



Prop Nut Ø 60 mm with handle

Product No : 060H
Material : Ductile
Weight : 0.740



Prop Nut Ø 60 mm with or without handle

Product No : 060F
Material : Forged Steel
Weight :



Prop Nut Ø 76 mm with or without handle

Product No : 076F
Material : Ductile
Weight :



Prop Nut Ø 76 mm without Thread

Product No : 076
Material : Ductile
Weight : 0.950



Prop Nut Ø 76 mm (CNC Machined Thread)

Product No : 076A
Material : Ductile
Weight : 0.835



Prop Nut Ø 76 mm (CNC M. Thread) (With Handle)

Product No : 076AH
Material : Ductile
Weight : 1.150



Prop Nut Ø 60 mm

Product No : 60
Material : Ductile
Weight : 1.250



Prop Nut Ø 76 mm

Product No : 76
Material : Ductile
Weight : 0.650



Prop Nut Ø 89 mm

Product No : 89
Material : Ductile
Weight : 1.905



Prop Nut Ø 102 mm

Product No : 102
Material : Ductile
Weight :



Prop Nut Ø 60 mm

Product No : 062
Material : Ductile
Weight : 1.720

Prop Sleeves



Threaded Tube Ø 50 mm

Product No : 550
Material : Steel
Weight : 0.800



Threaded Tube Ø 60 mm

Product No : 560
Material : Steel
Weight : 0.800



Threaded Tube Ø 76 mm

Product No : 576
Material : Steel
Weight : 1.400



Threaded Tube Ø 89 mm

Product No : 589
Material : Steel
Weight :



Threaded Tube Ø 102 mm

Product No : 5102
Material : Steel
Weight :

Strut Head (Pull Push Prop) Prop Nut Suporter



Pull Push Prop Prop Nut Suporter for Ø60 Nut

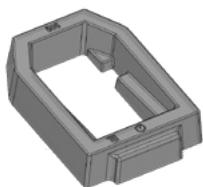
Product No : 013
Material : Steel
Weight : 0.105



Pull Push Prop Prop Nut Suporter for Ø76 & Ø89 Nut

Product No : 016
Material : Steel
Weight : 0.150

Drop Head (505TYP1/505TYP2)



Drop Head Casting Part Typ 1

Product No : 505Typ1
Material : Ductile
Weight : 1.050



Drop Head Casting Part Typ 2

Product No : 505Typ2
Material : Ductile
Weight : 1.000

G Lock



G Hook

Product No : 076G
Material : Steel Bar
Weight : 0.780

Climbing and Anchorage System Accesories



Climbing Cone 322

Product No : 322-C
Material : Steel
Weight : 0.950



Position Cone

Product No : 322-P
Material : Steel
Weight : 0.430



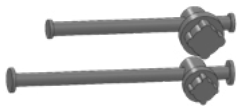
Sealing Sleeve

Product No : 322-S
Material : Plastic
Weight : 0.008



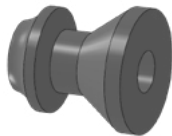
Anchor

Product No : 317
Material : Steel
Weight : Please Ask



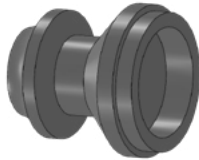
Anchor Key

Product No : 318
Material : Steel
Weight : Please Ask



Hanger Ring

Product No : 319 Type 1
Material : Steel
Weight : Please Ask



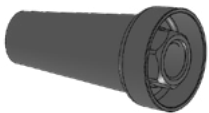
Hanger Ring

Product No : 319 Type 2
Material : Steel
Weight : Please Ask



Bolt

Product No : 323
Material : Steel
Weight : 0.450



Climbing Cone 321

Product No : 321
Material :
Weight : 1.025



**Anchor Plate Ø 80
15/17**

Product No : 715
Material : Ductile
Weight : 0.615



**Anchor Plate Ø 100
20/22**

Product No : 720
Material : Ductile
Weight : 0.880



**Anchor Plate Ø 120
26/30**

Product No : 726
Material : Ductile
Weight : 1,260

B Segment Tie Rod & Accesories

--- Test Load 90kN ---

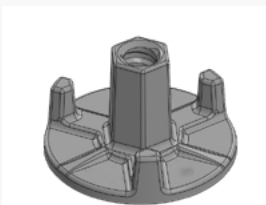
These products have been tested under a 90 kN load and can withstand only up to this load. They are suitable for projects requiring lower strength.

Tie rods are manufactured using the cold-drawing method, and welding is strictly not recommended. Although they are sometimes considered weldable in the market, welding causes a loss of strength. Do not mix these products with others.

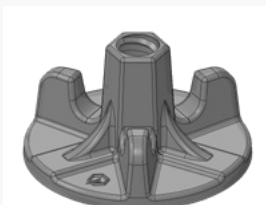
15/17



Tie Rod 15/17 (max 6m)	
Product No :	115 B
Material :	Steel
Weight :	1.380



Waler Wing Nut Ø 90 mm	
Product No :	090 B
Material :	Ductile
Weight :	0.510



Waler Wing Nut Ø 100 mm	
Product No :	100 B
Material :	Ductile
Weight :	0.685

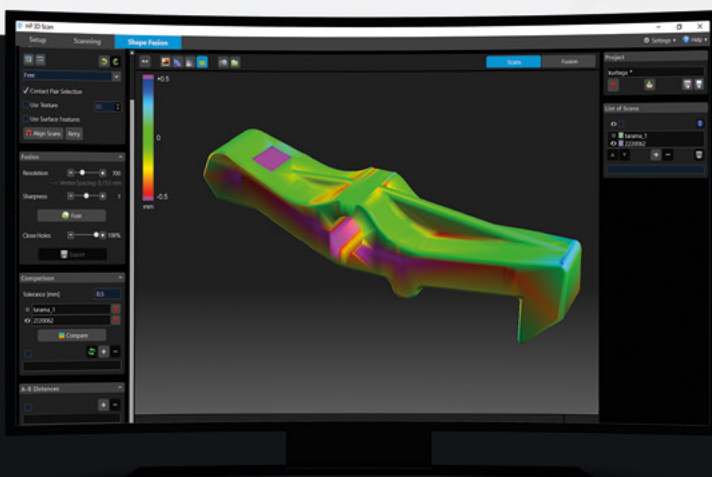
This products are B segment products, test load 90kN

Design. Produce. Control.

Your product is designed
using the most innovative
technologies



Quick prototyping
at 3D printers leads to
quick results



3D scan controlling
assures no any detail
is missed



Contact us!



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ARI DÖKÜM Quality and Company Policies

- Mission, Vision & Values
- Our Company's Code of Ethics
- Equality, Diversity, and Inclusion Policy
- Arı Döküm Energy Policy
- Arı Döküm Information Security Policy
- Arı Döküm Hazardous Materials Use and Waste Management Policy
- Arı Döküm Employee Health, Safety, and Working Conditions Policy
- Arı Döküm Anti-Corruption and Anti-Bribery Policy



Please scan for details.

www.ariltd.com

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by ARI DÖKÜM