



YOUR FUTURE INDUSTRIAL PARTNER

Contact your nearest salesoffice for a complete quote.

HEADQUARTER/WAREHOUSE

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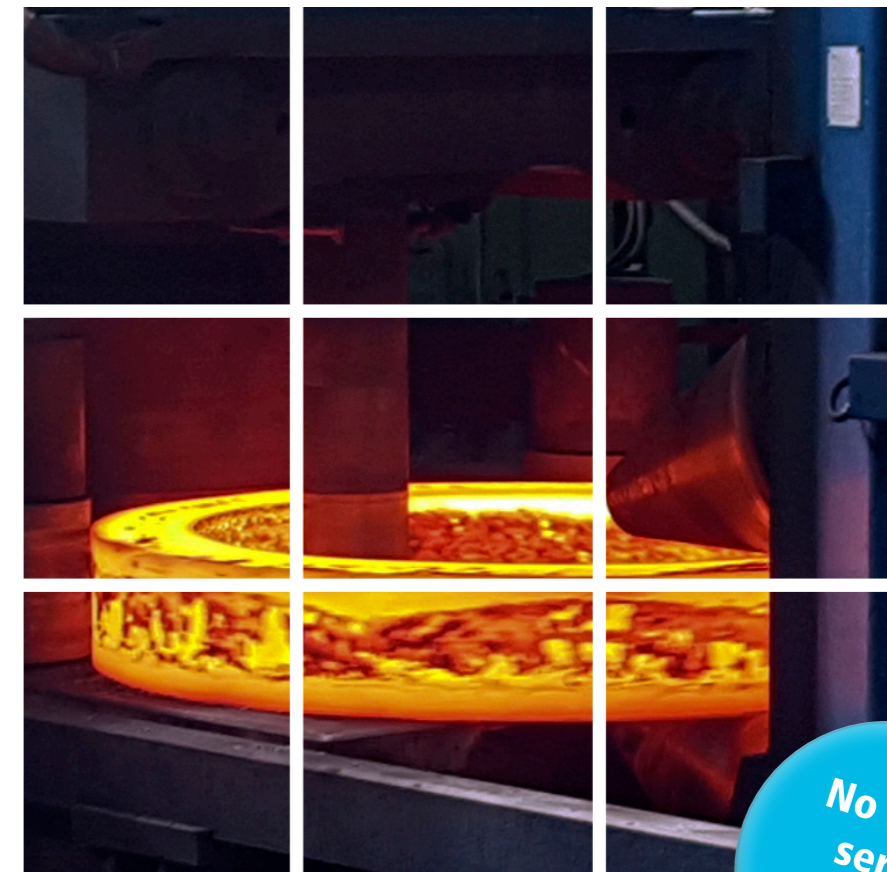
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Astrup AS is certified according to NS-EN ISO 9001
Astrup AS is a pre-qualified Achilles supplier, Id 15580

FORGING

according to customer requirements



No large series required

Forging offers the possibility to optimize production of a wide range of parts



Forging

Astrup AS can offer open die forging and ring rolling. We offer the possibility to forge a wide range of parts, according to customer requirements, big or small quantity, with outstanding results.

- No large series required and no costs for die
- High forging ratio and optimal structure orientation
- High quality of product, verifiable with UT
- Opportunity to reach exceptional mechanical properties

Our suppliers stock a wide range of steel grades and alloys, including all common grades in Oil & Gas and Power generation business sectors.

Stock includes

Carbon steels, low alloy and high alloy steels, austenitic and martensitic stainless steels, precipitation hardening steels, nickel alloys, aluminum alloys and titanium.

Certifications

Our suppliers all have a Quality Management System compliant to ISO 9001. Our suppliers strengths are to interpret customers' specifications and to monitor all processes as part of the optimization of resources and continuous improvement. Highly qualified staff together with laboratories ensure high quality standards at all stages of production, through cooperation with independent third-party inspection:

- ABS American Bureau of Shipping
- BV Bureau Veritas
- LR Lloyd's Register
- DNV Det Norske Veritas
- Others on request

Testing

All testing activities related to the supply of forgings can be carried out in our suppliers laboratories, such as:

- Mechanical test
- Hardness test
- Micrografic analysis
- Non destructive test

The possibility of having the laboratory inhouse is very important for continuous improvement, by developing the personnel know-how, optimizing production processes and improving the level of quality.

All these aspects have a positive impact on the service offered to customers, delivering products characterized by a high level of quality and reliable mechanical properties.



Series of products*

	Rings	Ext max (mm)	Max height (mm)			
	Carbon Steel	2700	450			
	Alloy Steel					
	Stainless Steel					
	Aluminium					
		1500	200			
	Solid/Empty Double Hubs	øUpper (mm)	Upper length (mm)	øFlanges (mm)	Flange length (mm)	øLower (mm) Lower length (mm)
	Carbon Steel	150-530	200-650	300-750	50-250	150-530 200-650
	Alloy Steel					
	Stainless Steel					
	Plates	Width (mm)	Height (mm)	Max length (mm)		
	Carbon Steel	250	100	3000		
	Alloy Steel	400	150	3000		
	Stainless Steel	700	350	3000		
		950	300	2500		
	1200	400	1500			
	Blocks	Width (mm)	Height (mm)	Max length (mm)		
	Carbon Steel	350	200	700		
	Alloy Steel	400	300	1000		
	Stainless Steel	800	500	1200		
		1000	550	1000		
	480	480	1500			
	Tubes	øExt (mm)	øInt (mm)	Lenght (mm)		
	Carbon Steel	300	170	1200		
	Alloy Steel	400	200	1500		
	Stainless Steel	600	250	2200		
		650	390	2500		
		780	430	2000		
	900	540	1500			
	Shafts	øMax (mm)	Max lenght (mm)	Lenght (mm)		
	Carbon Steel	600	4500	5000		
	Alloy Steel					
	Stainless Steel					
	Inconel	350	4500	1500		
	Bushes	øExt (mm)	Ø Int (mm)	Lenght (mm)		
	Carbon Steel	750	250	1000		
	Alloy Steel	1000	300	1000		
	Stainless Steel	1000	300	1000		
		1400	1100	1000		
	Single Hubs	øFlange (mm)	Flange length (mm)	øBody (mm)	Body length (mm)	
	Carbon Steel	250-1500	50-250	130-550	50-700	
	Alloy Steel					
	Stainless Steel					
	Bolts	øFlange (mm)	øBody (mm)	Lenght (mm)		
	AISI 4340	100-190	70-190	250-700		
	A453 Gr 660					
	Inconel 718					

*Other shapes on request