

PRECISION ENGINEERED

MOULD TO MACHINING



CENTRIFUGALLY CAST

AUTOMOBILE LINERS & SLEEVES
REFRIGERATION ENGINE LINERS
HEAVY EARTHMOVER LINERS
SP. PURPOSE LINERS

www.centricastliner.com
www.cylinderliner.co.in



A Brand for Quality Conscious People...

J AidARSHAN INDOCRAFT PVT. LTD.

Fourth Decade of Trend Setting
Performance

Market presence across 21
countries all over the world
including Europe, Asia Pacific
region, Middle East, Australia &
Africa

All Liners are made of Centrifugal
Casting & Shell Casting which
gives Homogeneous structure and
uniform hardness

Free from casting defects like
blow holes, porosity & cracks

Highly qualified and dedicated
workforce to achieve zero defect
components

Quick and in-time delivery due to
in-house hi-tech manufacturing
facility

OEM supplier

ISO 9001:2008 certified

Cylinder Liners & Cylinder Sleeves

The last decade the Indian automotive market has undergone a sea of change with a host of Korean, Japanese, European and other international models hitting our roads. These advance vehicles prefer only centrifugally cast cylinder liners to get a perfect working engine.

In line with its philosophy of keeping pace with the changing times, JAIDARSHAN INDOCRAFT PVT LTD. Established "JAI NO.1" & "M.D.T" brand cylinder liners. Through the blend of factors like orientation towards technology, business ethics, smart strategizing, commitment to quality and customer orientation, the company has made a significant impact on the minds of its customers. Today our brands "M.D.T" & "JAI NO.1" has created waves as the first choice of the quality conscious customers in industry. The business requires specialized skill and an unwavering commitment to quality. The latter came naturally to the company, and the former, it meticulously assimilated in the following years.



Committed to Excellence

When intelligence, efforts and perseverance are mixed in proper proportions. It is like a winning formula first invented, then modified to suit the requirement and finally administered for the best results.

We strongly believe in "Quality is an effective way to crush competition & one satisfied customer creates a thousand more". Our product represents the highest synthesis of technology, price performance and certified quality.



Infrastructure

FOUNDRY	Induction Melting Furnace Carbon Silicon Analyser Centrifugal Casting Machines
LATHE MACHINES	Lathe machines (5' to 9') All gear lathe machines Heavy duty lathe machines
CNC MACHINE	CNC turning center Vertical machining center - SPM CNC Lath Machine
BORING MACHINE	Vertical Boring Machine Portable Boring Machines
DRILL MACHINE	Pillar drilling machine CNC drill
GRINDING MACHINE	Centerless grinding machines Cylindrical grinding machines
HONING MACHINE	Automatic Honing machine - SPM Honing Machines - JAPAN make Derby Honing
MARKING MACHINE	Marking Machine with all accessory - Pneumatic Metal Marking machine -Itching type
INSPECTION INSTRUMENTS	Hardness Tester Micrometer, Vernier, Ring Gauge, Dial Gauge etc. Portable Surface Microscope Go-No Go Gauges





Product Range

- Car : Compact, Mid-Size, Luxury, Saloon, SUV, MPV
- Truck : HCV, LCV, Pickup Van, Refrigeration On wheels Van, Utility Van
- Tractor : Heavy Duty, Light Duty, Multi Utility Tractors
- Earthmover Engines
- Marine Engines
- Air compressor Engines
- Ammonia Compressor Engines
- Power Generator Engines

Production Parameters

Dimensional Range:

Inner Diameter: 40 to 250 mm

Outer Diameter: 45 to 300 mm

Length: Max 500 mm

Chemical Composition

LIMIT	C	SI	S	Mn	Ni	Cr	Mo	Cu	P
MIN	3.00	1.60	—	0.3	0.005	0.006	—	—	—
MAX	3.70	2.70	0.15	1.0	0.5	0.4	0.5	0.5	0.35

Dimension

PRODUCT	PARAMETERS	TOLERANCE	
Finished centrifugally cast cylinder sleeves	Length	± 0.2 mm	
	I.D.	F.F.	- 0.025 mm
		S.F.	± 0.1 mm
	Outer Diameter	± 0.025 mm	
	Collar Diameter	± 0.025 mm	
	Collar width	± 0.05 mm (finished) ± 0.1 mm (semi)	

Hardness: 190 - 260 BHN

Tensile Strength: 22-25 Kgf/sqm

Surface Roughness: 0.4 to 0.8 micron

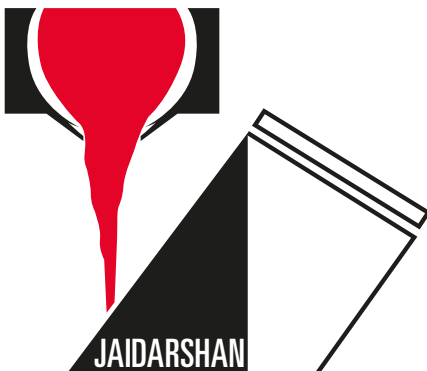
Micro Structure:

Graphite Type "A" & "B" ("D" & "E" random)

Flake Size: Max 4-8

Matrix : Free Ferrites max 5-6%

COVERAGE - Cylinder liners & Sleeves for



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PVT. LTD.**

ISO 9001: 2008 certified

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CENTRIFUGALLY CAST CYLINDER LINERS
& CYLINDER SLEEVES

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