## India

ADD (no change)

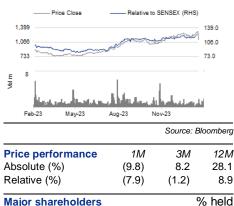
Consensus ratings*: Buy 18	Hold 3	Sell 8
Current price:		Rs1,131
Target price:		Rs1,366
Previous target:		Rs1,273
Up/downside:		20.8%
InCred Research / Consensus:		14.5%
Reuters:	B	FRG.NS
Bloomberg:		BHFC IN
Market cap:	US	\$6,344m
	Rs5	26,557m
Average daily turnover:	U	S\$15.7m
	Rs	1301.7m
Current shares o/s:		465.7m
Free float: *Source: Bloomberg		54.8%
Couldo. Biochibolg		

## Key changes in this note

> Maintain cons. sales for FY24F-26F.

> Upgrade EBITDA by 2-5% for FY24F-26F.

> Upgrade FY24F-26F EPS by 2%.



Nelative (x)(1.2)0.3Major shareholders% heldKalyani Family45.3Kotak Mutual Fund5.0Mirae Asset Mutual Fund3.1

#### Research Analyst(s)



Pramod AMTHE T (91) 22 4161 1541 E pramod.amthe@incredresearch.com Ravi GUPTA T (91) 02241611552 E ravi.gupta@incredresearch.com

# Bharat Forge

## EBITDA margin expansion trend continues

- 3QFY24 standalone EPS grew by 14% qoq to Rs8.5, beating our/Bloomberg consensus estimates, led by a sharp qoq improvement in the EBITDA margin.
- We upgrade our consolidated EBITDA by 2-5% for FY24F-26F due to lower losses of subsidiaries and an improvement in the parent's gross margin.
- Retain ADD rating on the stock as the industrial division's strong momentum is EPS-accretive.

## Strong industrial division's performance led to beat in 3QFY24

3QFY24 standalone EBITDA of Bharat Forge rose by 9% qoq and 24% yoy to Rs6.6bn, which was 13% above our estimate and 8% above Bloomberg or BB consensus estimate. Better gross margin and lower other expenses led to a 330bp EBITDA margin growth qoq to 29.3%. Strong growth in domestic sales (34% yoy and 9% qoq) helped overcome the marginal weakness in exports (-6% qoq). Adjusted for the forex impact, PAT rose by 24% yoy and 14% qoq to Rs3.96bn, a 12% beat to our estimate. The consolidated entity recorded a growth of 17% qoq to Rs2.5bn aided by a 150bp rise in the EBITDA margin.

#### Management conference-call highlights

Defence subsidiary KSSL's sales rose by an impressive 45% qoq to Rs4.3bn, driven by gun exports. Management is hopeful of ATAG gun orders in the coming weeks. Management gave guidance of growth in the US and India commercial vehicle components business for the next two years but the Europe commercial vehicle or CV segment is weak. Management plans to start electric vehicle or EV retrofit kit fitment sales for trucks in the coming quarters. It has given guidance of the growth momentum moderating in the domestic & export markets across industries in 4QFY24F and FY25F, but the company to outperform from its new initiatives.

## Consolidated EBITDA upgrade by 2-5% for FY24F-26F

Standalone EBITDA beat driven by domestic strong sales led to our FY24F-26F upgrade of 2-5%. For the consolidated entity, we raise our EBITDA estimates by 5% for FY24F and by around 2% for FY25F-26F. Higher interest costs and tax provision limits our EPS upgrade to 2% for FY24F-26F.

## Maintain ADD rating with a higher target price of Rs1,366

The diversified business mix of Bharat Forge helps to overcome seasonality and cyclical demand challenges in the truck segment, as seen in the 3QFY24 performance. With the global aluminium components business gradually turning around, we feel the drag on the consolidated entity's profits to ease. We reiterate our ADD rating on the stock with a higher discounted cash flow or DCF-based target price of Rs1,366 (Rs1,273 earlier) as the valuation is below +1SD of the 10-year mean. Key downside risk is the global economic slowdown hurting the company's sales.

Financial Summary	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Revenue (Rsm)	104,611	129,103	158,535	180,635	202,188
Operating EBITDA (Rsm)	20,159	17,675	26,000	28,540	32,957
Net Profit (Rsm)	13,738	4,037	9,883	12,746	15,564
Core EPS (Rs)	22.6	10.5	21.2	27.4	33.4
Core EPS Growth	471.9%	(53.4%)	101.4%	29.0%	22.1%
FD Core P/E (x)	38.33	130.46	53.29	41.32	33.84
DPS (Rs)	5.5	8.0	10.0	11.0	11.0
Dividend Yield	0.49%	0.71%	0.88%	0.97%	0.97%
EV/EBITDA (x)	27.37	31.65	21.14	19.11	16.37
P/FCFE (x)	133.36	61.06	122.47	150.12	103.60
Net Gearing	76.2%	86.2%	52.8%	41.7%	30.9%
P/BV (x)	8.01	7.85	5.72	4.94	4.23
ROE	17.6%	7.4%	12.4%	12.8%	13.5%
% Change In Core EPS Estimates			1.87%	1.86%	1.29%
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

## EBITDA margin expansion trend continues

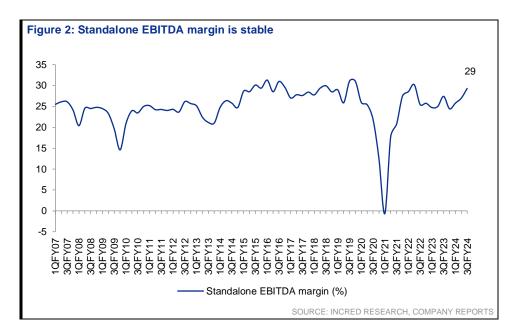
## Management conference-call highlights >

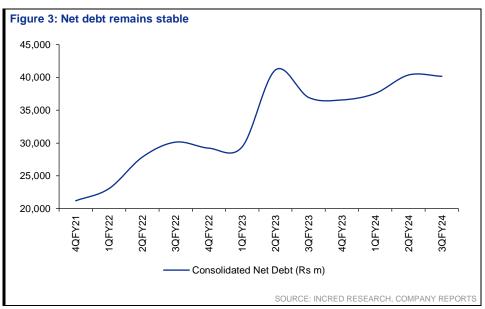
- **Outlook:** Management expects the growth momentum in 4QFY24F and FY25F to moderate in domestic as well as export markets across industries. However, Bharat Forge endeavours to outperform the market driven by its diversified business mix. Overall, the long-term outlook remains positive. In the medium term, Europe market is likely to remain weak while the US market may remain flat.
- **Financial performance:** The EBITDA margin was up 330bp yoy led by an improved product mix and higher capacity utilization due to superior operational performance.
- **Order book:** During the quarter, the company secured new business worth Rs5.5bn across automotive, industrial, defence, aerospace and castings (ferrous & aluminium) segments.
- Overseas operations: Management stated the company achieved improvement in the operation of its aluminium products business at its European plant and the same is expected in the US plant as well in the next 12 -18 months.
- **Export business:** Manufacturing operations revenue across components, defence & industrial segments in 3QFY24 stood at US\$200m, up 36% yoy. The growth momentum is likely to sustain led by new verticals' scale-up and the industrial segment.
- **Defence business:** The defence business was a major contributor to the growth in revenue. The company is participating in new development programs in the domestic as well as international markets. Revenue for the quarter was at Rs3.5bn.
- Oil & gas and agri businesses: The oil and gas segment declined to twothirds of its peak level due to destocking and inventory correction. Management expects this to remain in the same range for a few more quarters. The agri segment also saw a decline.
- **Commercial vehicles:** This business registered a 9% yoy growth in 9MFY24, but the segment's long-term growth trajectory remains intact supported by government capex and allied infrastructure development. Management expects the CV segment to grow by 1.5-2x of India's GDP. On the export front, Class-8 trucks' build rate, inventory levels and sales remain steady while the European CV division's performance was subdued as the economic recovery remained patchy. Management is tapping new customers and enhancing engagement with the existing ones in multiple geographies.
- **Passenger vehicles:** The India passenger vehicle component business remains well-placed for growth driven by premiumization and the shift towards utility vehicles within the passenger vehicle space. Management expects this trend to continue, supported by the burgeoning middle class & higher disposable income.
- **Capex:** Management gave overall capex guidance of Rs10bn for the next two years.

Auto Parts ∣ India Bharat Forge ∣ February 12, 2024

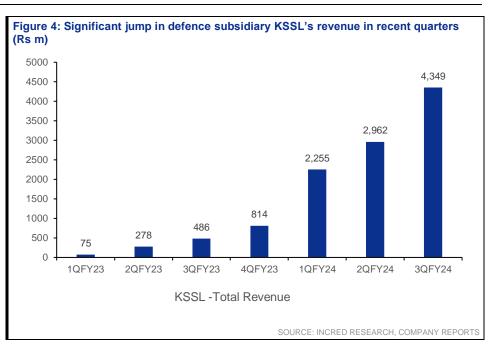
#### Figure 1: Standalone results comparison

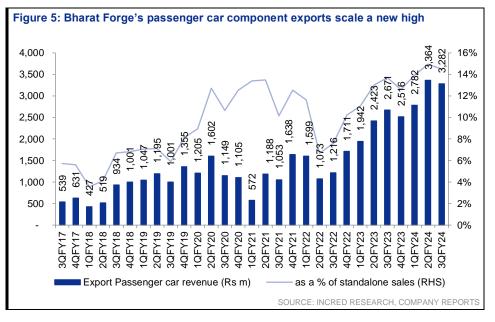
Y/E Mar (Rs m)	3QFY24	3QFY23 y	voy % chg	2QFY24	qoq % chg	9MFY24	9MFY23	yoy % chg Comments for the quarter
Revenue	22,634	19,521	15.9	22,494	0.6	66,400	55,754	19.1 In line with our estimate.
Raw Material costs	9,491	8,602	10.3	9,744	(2.6)	28,654	24,155	18.6
RM costs as a % of revenue	41.9	44.1	(213)	43.3	(138.7)	43.2	43.3	(17)
EBITDA	6,632	5,351	23.9	6,068	9.3	18,186	14,362	26.6 13.2% above our estimate.
EBITDA margin %	29.3	27.4	189	27.0	232	27.4	25.8	163 334bp above our estimate.
Depreciation & amortization	1,124	1,079	4.2	1,128	(0.4)	3,341	3,209	4.1 2% below our estimate.
EBIT	5,507	4,272	28.9	4,940	11.5	14,845	11,153	33.1
Interest expenses	630	499	26.3	726	(13.3)	2,061	1,119	84.2 1% above our estimate.
Other Income	346	377	(8.5)	424	(18.5)	1,242	1,114	11.4 30% below our estimate.
Pre-tax profit	5,223	4,151	25.8	4,637	12.6	14,025	11,148	25.8
Tax	1,266	952	33.0	1,156	9.5	3,472	2,664	30.3
Tax rate (%)	24.2	22.9	131	25	(70)	25	24	86 124bp above our estimate.
Normalized net profit	3,957	3,199	23.7	3,481	13.7	10,553	8,483	24.4 12% above our estimate.
Extraordinary Income/expenses	(179)	(307)	nm	(21)	nm	(200)	(474)	nm
Reported Net Profit	3,778	2,892	30.6	3,460	9.2	10,353	8,010	29.3
Normalized EPS (Rs)	8.5	6.9	23.7	7.5	13.7	22.5	18.1	24.4
							SO	DURCE: BLOOMBERG, INCRED RESEARCH, COMPANY REPOR





Auto Parts | India Bharat Forge | February 12, 2024

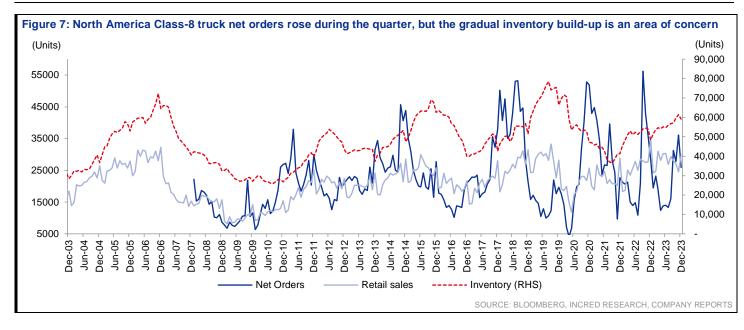


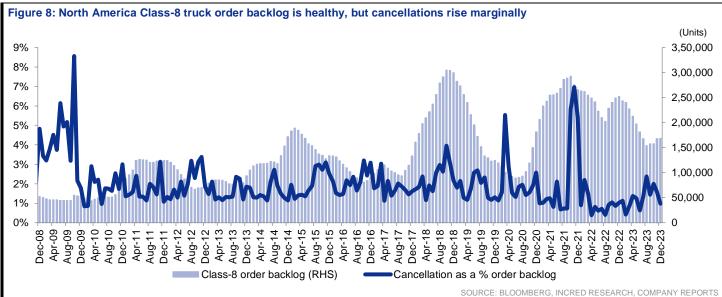




**InCred** Equities

Auto Parts ∣ India Bharat Forge ∣ February 12, 2024





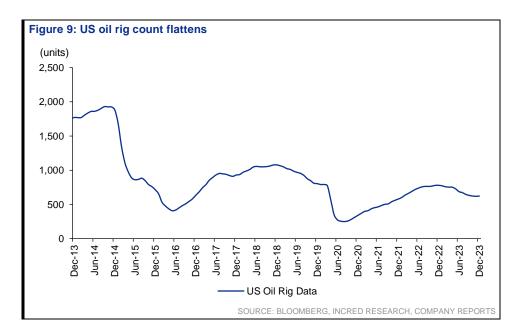


Figure 10: Revenue by segment (Rs m)										
	3QFY24	3QFY23	% yoy	2QFY24	% qoq	9HFY24	9HFY23	%yoy		
India Revenue	10,499	7,857	33.6%	9,623	<b>9</b> .1%	29,605	22,951	29.0%		
Commercial Vehicle	2,583	2,520	2.5%	2,603	-0.8%	7,920	7,286	8.7%		
Industrial	7,146	4,408	62.1%	6,203	15.2%	19,474	12,969	50.2%		
Passenger car	770	929	-17.1%	817	-5.8%	2,211	2,696	-18.0%		
International Revenue	12,134	11,663	4.0%	12,871	-5.7%	36,793	32,802	12.2%		
Commercial Vehicle	5,245	4,868	7.7%	5,474	-4.2%	15,870	14,221	11.6%		
Industrial	3,607	4,124	-12.5%	4,033	-10.6%	11,495	11,545	-0.4%		
Passenger car	3,282	2,671	22.9%	3,364	-2.4%	9,428	7,036	34.0%		
				SOURCE	INCRED F	RESEARCH,	COMPANY F	REPORTS		

(Rsm)	3QFY24	3QFY23	% yoy	2QFY24	% qoq	1HFY24	1HFY23	% yoy
Total income	13,099	10,726	22.1%	12,053	8.7%	42,785	40,641	27.2%
EBITDA	218	-626	na	90	142.2%	-961	3,947	na
Margin %	1.7%	-5.8%	na	0.7%	na	-2.2%	9.7%	na
PBT	-1,100	-1,514	na	-1,156	na	-4,233	793	na
Margin %	-8.4%	-14.1%	na	-9.6%	na	-9.9%	2.0%	na

	FY24F		FY25F		FY26F
Old	New	Old	New	Old	New
1,58,006	1,58,535	1,79,930	1,80,635	2,00,825	2,02,188
	0.3%		0.4%		0.7%
24,807	26,000	28,069	28,540	32,132	32,957
	4.8%		1.7%		2.6%
9,702	9,883	12,514	12,746	15,367	15,564
	1.9%		1.9%		1.3%
20.8	21.2	26.9	27.4	33.0	33.4
	1.9%		1.9%		1.3%
	1,58,006 24,807 9,702	Old New   1,58,006 1,58,535   0.3%   24,807 26,000   4.8%   9,702 9,883   1.9%   20.8 21.2	Old New Old   1,58,006 1,58,535 1,79,930   0.3% 0.3%   24,807 26,000 28,069   4.8% 9,702 9,883 12,514   1.9% 20.8 21.2 26.9	Old New Old New   1,58,006 1,58,535 1,79,930 1,80,635   0.3% 0.4%   24,807 26,000 28,069 28,540   4.8% 1.7%   9,702 9,883 12,514 12,746   1.9% 1.9% 1.9%   20.8 21.2 26.9 27.4	Old New Old New Old   1,58,006 1,58,535 1,79,930 1,80,635 2,00,825   0.3% 0.4% 0.4%   24,807 26,000 28,069 28,540 32,132   4.8% 1.7%   9,702 9,883 12,514 12,746 15,367   1.9% 1.9% 20.8 21.2 26.9 27.4 33.0

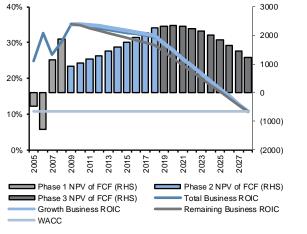
		FY24F		FY25F		FY26F
	Old	New	Old	New	Old	New
Net sales (Rs m)	89,886	90,415	1,02,987	1,03,692	1,15,563	1,16,926
Change (%)		0.6%		0.7%		1.2%
EBITDA (Rs m)	23,550	24,548	27,086	27,582	30,855	31,219
Change (%)		4.2%		1.8%		1.2%
Normalized PAT (Rs m)	14,065	14,527	16,896	17,174	19,835	20,156
Change (%)		3.3%		1.6%		1.6%

#### Figure 14: DCF-based valuation

Economic Profit Valuation	Rs m	%
Adjusted Opening Invested Capital	1,22,471	18.3
NPV of Economic Profit During Explicit Period	8,518	1.3
NPV of Econ Profit of Remaining Business (1, 2)	22,625	3.4
NPV of Econ Profit of Net Inv (Grth Business) (1, 3)	5,15,114	77.0
Enterprise Value	6,68,728	100.0
Plus: Other Assets	0	0.0
Less: Minorities	36	0.0
Less: Net Debt (as at 12 Feb 2024)	32,440	4.9
Equity Value	6,36,252	95.1
No. Shares (millions)	466	
Per Share Equity Value Rs.	1,366	

Discounted Cash Flow Valuation	Rs m	%	
Value of Phase 1: Explicit (2024 to 2026)	10,250	1.5	
Value of Phase 2: Value Driver (2027 to 2037)	3,29,692	49.3	
Value of Phase 3: Fade (2038 to 2048)	2,72,060	40.7	
Terminal Value	56,733	8.5	
Enterprise Value	6,68,735	100.0	
FCF Grth Rate at end of Phs 1 implied by DCF Valuatic	0	10.1	
FCF Grth Rate at end of Phs 1 implied by Current Price	0	9.9	

#### Returns, WACC and NPV of Free Cash Flow



Sens	itivity Table		No	of Years	s in Fade	Period		
			6	9	11	13	16	
		9.1%	1390	1602	1746	1890	2109	20
		10.1%	1246	1424	1542	1661	1837	
×		11.1%	1119	1268	1366	1463	1606	10
-		12.1%	1007	1132	1213	1293	1409	
		13.1%	907	1012	1080	1145	1239	
								0

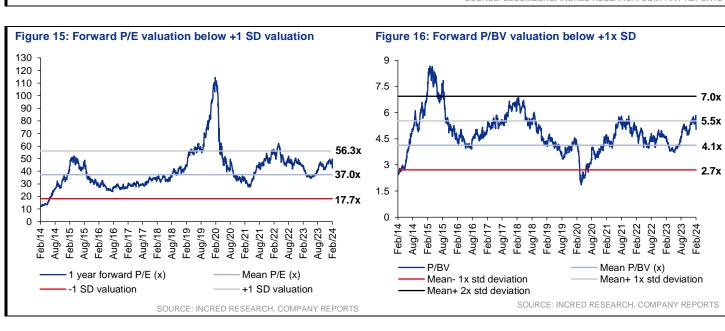
Performance Summary				Phase 2 Avg
	2024	2025	2026	(2027 - 2037)
Invested Capital Growth (%)	18.1	10.0	9.8	9.0
Operating Margin (%)	12.4	12.5	13.1	12.0
Capital Turnover (x)	1.6	1.5	1.5	1.5
• · ·				

Note:

1. In periods following the Explicit Period i.e. Phase 2 and Phase 3

2. Remaining Business is defined as Capital as at the end of Phase 1 and capex = depreciation thereafter

3. Net Investment is defined as capex over and above depreciation after Phase 1



SOURCE: BLOOMBERG, INCRED RESEARCH, COMPANY REPORTS

Auto Parts | India Bharat Forge | February 12, 2024

## **BY THE NUMBERS**





## Profit & Loss

(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
Total Net Revenues	104,611	129,103	158,535	180,635	202,188
Gross Profit	36,297	31,911	42,963	47,507	53,984
Operating EBITDA	20,159	17,675	26,000	28,540	32,957
Depreciation And Amortisation	(7,303)	(7,356)	(8,865)	(8,921)	(9,213)
Operating EBIT	12,856	10,319	17,135	19,619	23,744
Financial Income/(Expense)	(1,604)	(2,986)	(4,620)	(3,235)	(2,704)
Pretax Income/(Loss) from Assoc.					
Non-Operating Income/(Expense)	1,959	1,729	2,581	2,913	2,770
Profit Before Tax (pre-El)	13,211	9,062	15,096	19,298	23,810
Exceptional Items	3,892	(1,505)			
Pre-tax Profit	17,103	7,557	15,096	19,298	23,810
Taxation	(3,035)	(3,186)	(5,284)	(6,561)	(8,095)
Exceptional Income - post-tax					
Profit After Tax	14,069	4,371	9,813	12,736	15,714
Minority Interests	(330)	(334)	70	10	(150)
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	13,738	4,037	9,883	12,746	15,564
Recurring Net Profit	10,537	4,907	9,883	12,746	15,564
Fully Diluted Recurring Net Profit	10,537	4,907	9,883	12,746	15,564

Cash Flow					
(Rs mn)	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
EBITDA	20,159	17,675	26,000	28,540	32,957
Cash Flow from Invt. & Assoc.					
Change In Working Capital	(12,459)	(8,210)	(5,303)	(2,954)	(3,630)
(Incr)/Decr in Total Provisions	(5,643)	8,833	(7,144)	(1,000)	(800)
Other Non-Cash (Income)/Expense	273	(1,060)	3,043	1,529	1,027
Other Operating Cashflow	3,892	(1,505)			
Net Interest (Paid)/Received	355	(1,258)	(2,039)	(322)	66
Tax Paid	(3,530)	(3,952)	(3,774)	(3,860)	(4,762)
Cashflow From Operations	3,048	10,523	10,783	21,934	24,857
Capex	(10,567)	(13,581)	(14,600)	(16,800)	(17,600)
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	720	(296)	18,285	4,124	4,076
Cash Flow From Investing	(9,847)	(13,877)	3,685	(12,676)	(13,524)
Debt Raised/(repaid)	10,748	11,978	(10,167)	(5,750)	(6,250)
Proceeds From Issue Of Shares	(86)	(534)	(291)	10	(150)
Shares Repurchased					
Dividends Paid	(2,561)	(3,725)	(4,656)	(5,122)	(5,122)
Preferred Dividends					
Other Financing Cashflow					
Cash Flow From Financing	8,100	7,718	(15,114)	(10,862)	(11,522)
Total Cash Generated	1,302	4,365	(647)	(1,604)	(189)
Free Cashflow To Equity	3,949	8,625	4,300	3,508	5,083
Free Cashflow To Firm	(5,195)	(367)	19,087	12,493	14,037

SOURCE: INCRED RESEARCH, COMPANY REPORTS

## BY THE NUMBERS...cont'd

	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26
Total Cash And Equivalents	6,030	10,395	9,748	8,144	7,95
Total Debtors	21,736	30,988	36,919	40,581	44,31
Inventories	27,105	31,263	36,919	40,581	44,31
Total Other Current Assets	14,062	15,392	14,500	16,500	17,30
Total Current Assets	68,933	88,038	98,087	105,806	113,88
Fixed Assets	59,441	65,666	71,401	79,280	87,66
Total Investments	26,038	25,688	25,688	25,688	25,68
Intangible Assets	506	2,955	2,955	2,955	2,95
Total Other Non-Current Assets					
Total Non-current Assets	85,985	94,309	100,044	107,923	116,31
Short-term Debt					
Current Portion of Long-Term Debt					
Total Creditors	16,314	21,513	27,798	32,168	36,00
Other Current Liabilities	11,396	21,923	12,500	13,000	13,00
Total Current Liabilities	27,710	43,436	40,298	45,168	49,00
Total Long-term Debt	56,545	68,523	58,356	52,606	46,35
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities					
Total Non-current Liabilities	56,545	68,523	58,356	52,606	46,35
Total Provisions	4,395	2,971	7,401	9,430	10,45
Total Liabilities	88,651	114,931	106,055	107,204	105,81
Shareholders Equity	65,707	67,055	92,076	106,526	124,37
Minority Interests	561	361			
Total Equity	66,268	67,416	92,076	106,526	124,37
Key Ratios					
	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26
Revenue Growth	65.1%	23.4%	22.8%	13.9%	11.9
Operating EBITDA Growth	133.9%	(12.3%)	47.1%	9.8%	15.5
Operating EBITDA Margin	19.3%	13.7%	16.4%	15.8%	16.3
Net Cash Per Share (Rs)	(108.48)	(124.83)	(104.39)	(95.48)	(82.4
BVPS (Rs)	141.11	144.00	197.74	228.77	267.1
Gross Interest Cover	8.01	3.46	3.71	6.06	8.7
Effective Tax Rate	17.7%	42.2%	35.0%	34.0%	34.0
Net Dividend Payout Ratio	26.0%	67.2%	47.1%	40.2%	32.9
Accounts Receivables Days	62.69	74.53	78.17	78.30	76.6
Inventory Days	120.33	109.60	107.67	106.24	104.5
Accounts Payables Days	75.82	71.03	77.87	82.20	83.9
ROIC (%)	11.7%	7.3%	11.2%	10.7%	11.8
ROCE (%)	11.4%	7.9%	11.8%	12.3%	13.9
Return On Average Assets	7.9%	4.7%	6.8%	7.2%	7.9

	Mar-22A	Mar-23A	Mar-24F	Mar-25F	Mar-26F
ASP (% chg, main prod./serv.)	25.9%	10.5%	6.6%	5.5%	5.1%
Unit sales grth (%, main prod./serv.)	36.0%	9.5%	12.0%	8.7%	7.3%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

### DISCLAIMER

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd.(formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which are believed to be accurate and complete and obtained through reliable public or other nonconfidential sources at the time made. (Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short term views etc.) that are inconsistent with and reach different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report

#### Auto Parts | India Bharat Forge | February 12, 2024

	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

## Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in thisreport and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.