META ENGITECH

PRECISION TUBES & BEYOND...

METAMORPHOSIS ENGITECH INDIA PVT LTD



www.metaengitech.com

marketing@metaengitech.com








TABLE OF CONTENTS

Who We Are	3
Message From CEO	4
Vision and Mission	5
Meta Engitech at A Glance	6
Our Journey	7
Product Range, Capacity	8
Size Matrix	9
Quality Assurance	12
Sectors Serving	13
Applications	14
Value Added Capabilities	16
Value Added Products	17
Beyond Work	18
Our Footprint	19
Contact Us	20

WHO WE ARE







Metamorphosis Engitech India Pvt. Ltd. is a leading manufacturer of high quality precision ERW, CEW & CDS tubes and tubular products. Established in 2018 under the brand name Meta Engitech.

It has emerged as a leading brand in manufacturing of precision tubes and tubular products.



MESSAGE FROM CEO



In order to achieve our mission and vision, we are always investing in our existing people and processes. Also, at the same time adopt the best knowhow in the industry as the new opportunities pour into the company.

HEMANT AGARWAL
CEO & Director

By comprehending our customer's business objectives, we can cultivate robust and enduring relationships that generate long-term results. One of our significant accomplishments over the past year has been surpassing 3,000 MT per month. We have also focused on stabilizing and enhancing our existing customer relationships. Additionally, we have developed and institutionalized operational processes and acquired new customers across the globe.

Looking forward to be long term strategic dependable partner.

Vision

To emerge globally as the best value creator of tubes & tubular products.

Mission

Innovation & Business Excellence at its core, we stand committed to deliver a quality product which ensures total customer satisfaction & value for money.



Overview

We manufacture a wide range of tubes and tubular products at our sprawling units, based in Sanaswadi, Pimple Jagtap, and our Value Added facility in Talegaon, Pune, India, with a total built-up area of 41,000 Sq. Mtr. We are strategically located at just 31 km from Pune Airport, and 193 km from Mumbai dock enhancing our ability to deliver products promptly across the globe. Meta Engitech has a total installed capacity of 72000+ TPA.

Offerings

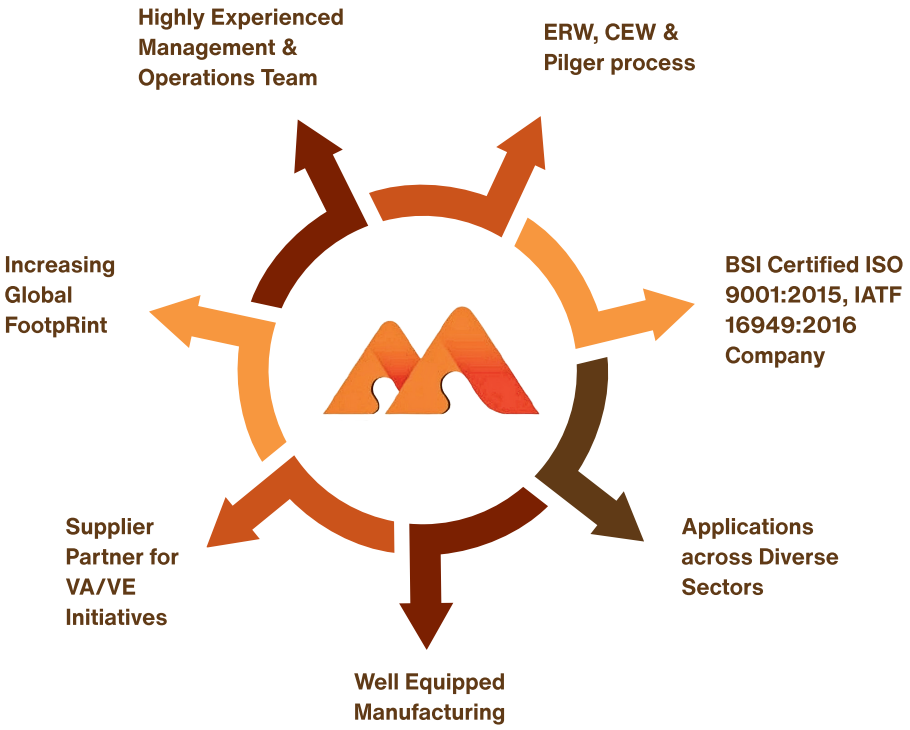
- ERW Tubes
- CEW Tubes
- DOM Tubes (Pilger)
- Cold Draw Seamless Tubes
- Value Added Tubular Products

Market segment

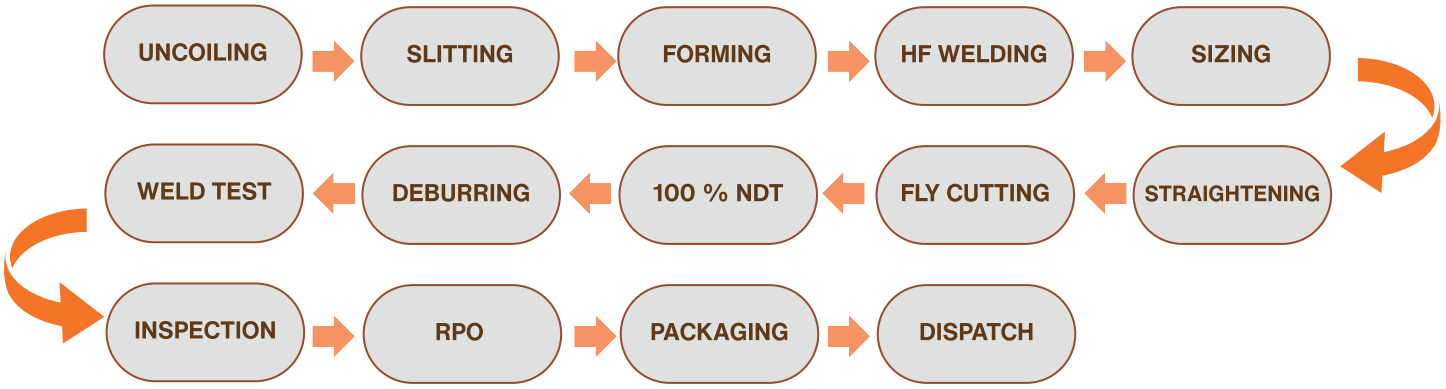
Owing to our flawlessly engineered products, immaculate services and solutions, in just a few years, Meta Engitech has served over 200+ domestic and international customers from Automobile, Power & Energy, Construction & Mining, and Agriculture & Farming Industries. Today, we are present in US and European market and are expanding our footprints in other geographical areas.

META ENGITECH

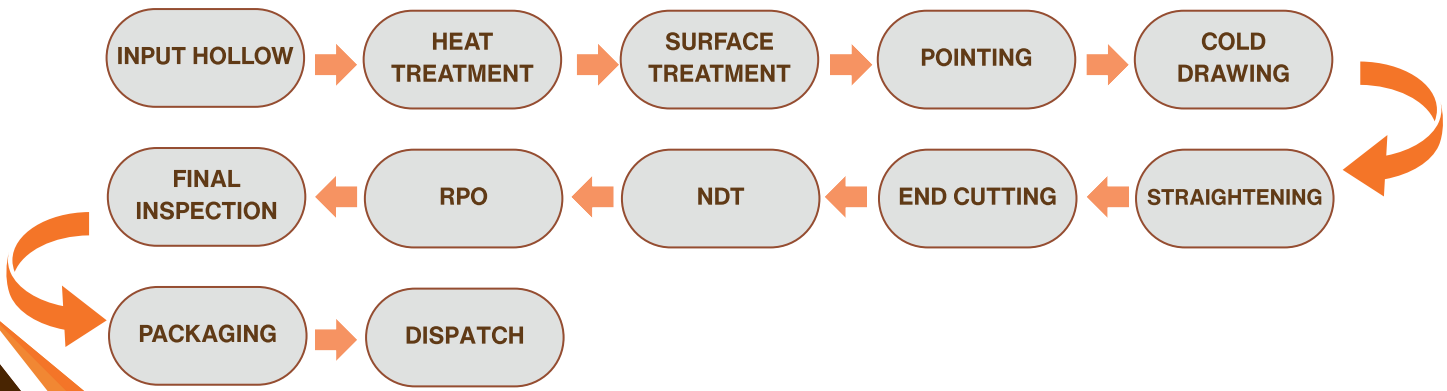
"AT A GLANCE"



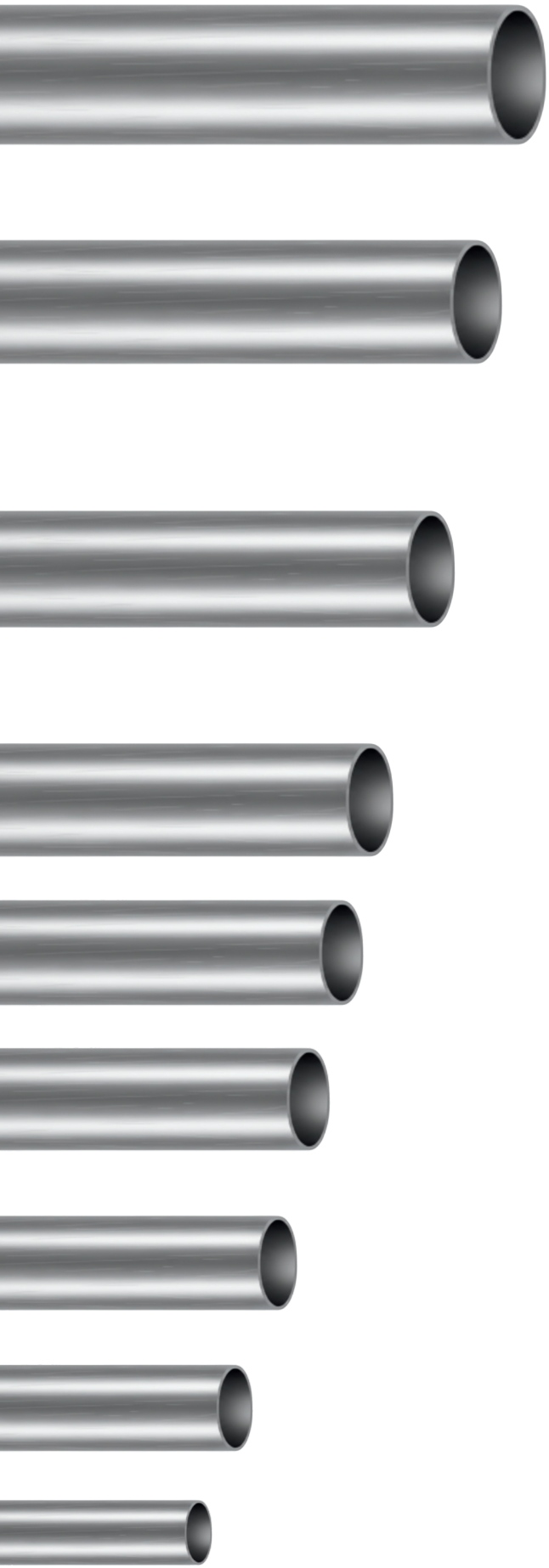
ERW – UNIT I



DOM / CEW / CDS – UNIT II



“ GROWTH BUILT ON TRUSTED PRECISION ”



2026

- Upcoming Skiving Roller Burnishing for superior surface finish.

2025

- 1.65 MW Solar Power Installed as a part of our committment to Sustainable initiatives.
- New Series: Cardan Shaft & Rifle Tube (Heat Exchanger)
- Installed Thermal Scanner to ensure superior end results.

2024

- State-of-the-art Tube Testing & Inspection Facilities (Offline Ultrasonic testing Machine).
- Acquired German Facility ERHARD FROEHLICH.
- New Cold Drawing Equipment for Higher Capacity & Capability.

2023

- Crossed ₹250 Crore in revenue.
- Crossed 3000 MT in a month.

2022

- Started Value Added Business.

2021

- Launched a series of new products including Rocker Shaft & Hydraulic Cylinder Tubes.

2020

- New Bright Annealing Furnace
- Fully-Automated Surface Treatment Plant.

2019

- Commercial Production & Sales Started
- Exports Started to US & Europe.

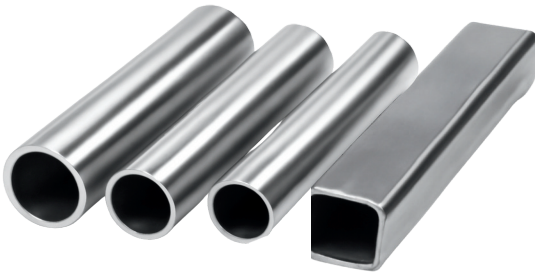
2018

- Metamorphosis Engitech India Pvt. Ltd. incorporated.

PRODUCT RANGE & CAPACITY

ERW Tubes

- OD Range: 12.70 mm - 114.30 mm
- Thickness: 1.00 mm - 8.50 mm
- Capacity: 6,000 MT/Month



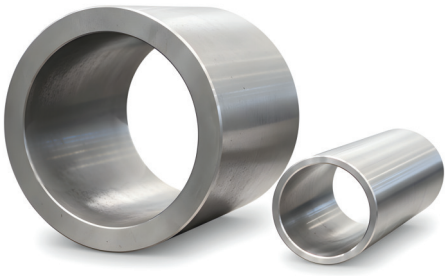
CEW Cold Drawn Tubes

- OD Range: 8.00 mm - 150.00 mm
- Thickness: 0.90 mm - 10.00 mm
- Capacity: 3,000 MT/Month



Pilger Tubes

- OD Range: 12.70 mm - 120.00 mm
- Thickness: 2.00 mm - 12.50 mm
- Capacity: 1,000 MT/Month



Cold Draw Seamless Tubes

- OD Range: 10.00 mm - 120.00 mm
- Thickness: 1.00 mm - 12.50 mm

SIZE MATRIX ERW TUBES (ROUND)

OD \ THK	INCH	0.035	0.039	0.059	0.079	0.098	0.118	0.138	0.157	0.177	0.197	0.217	0.236	0.256	0.276	0.295
	MM	0.90	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
INCH	MM	Fin Cut														
0.500	12.70	✖	■	■												
0.551	14.00	✖	■	■	■											
0.625	15.88	✖	■	■	■	■										
0.630	16.00	✖	■	■	■	■										
0.687	17.46	✖	■	■	■	■	■									
0.750	19.05	✓	■	■	■	■	■									
0.827	21.00	✓	■	■	■	■	■									
0.862	21.90	✓	■	■	■	■	■									
0.875	22.23	✓	■	■	■	■	■	■								
0.941	23.90	✓	■	■	■	■	■	■								
0.951	24.15	✓	■	■	■	■	■	■								
0.984	25.00	✓	■	■	■	■	■	■								
1.000	25.40	✓	■	■	■	■	■	■	■							
1.060	26.93	✓	■	■	■	■	■	■	■							
1.102	28.00	✓	■	■	■	■	■	■	■							
1.125	28.58	✓	■	■	■	■	■	■	■							
1.163	29.54	✓	■	■	■	■	■	■	■							
1.181	30.00	✓	■	■	■	■	■	■	■							
1.250	31.75	✓	■	■	■	■	■	■	■	■						
1.339	34.00	✓	■	■	■	■	■	■	■							
1.375	34.93	✓	■	■	■	■	■	■	■							
1.398	35.50	✓	■	■	■	■	■	■	■	■	■					
1.500	38.10	✓	■	■	■	■	■	■	■	■	■	■	■			
1.575	40.00	✓	■	■	■	■	■	■	■							
1.625	41.28	✓		■	■	■	■	■	■	■	■	■	■	■		
1.681	42.70	✓		■	■	■	■	■	■							
1.750	44.45	✓		■	■	■	■	■	■	■	■	■	■	■	■	
1.875	47.63	✓		■	■	■	■	■	■							
1.913	48.60	✓		■	■	■	■	■	■							
2.000	50.80	✓		■	■	■	■	■	■	■	■	■	■	■	■	■
2.165	55.00	✓			■	■	■	■	■	■	■	■	■	■	■	■
2.187	55.56	✓			■	■	■	■	■	■	■	■	■	■	■	■
2.250	57.15	✓			■	■	■	■	■	■	■	■	■	■	■	■
2.375	60.33	✓			■	■	■	■	■	■	■	■	■	■	■	■
2.500	63.50	✓			■	■	■	■	■	■	■	■	■	■	■	■
2.559	65.00	✓				■	■	■	■	■	■	■	■	■	■	■
2.750	69.85	✓				■	■	■	■	■	■	■	■	■	■	■
3.000	76.20	✓				■	■	■	■	■	■	■	■	■	■	■
3.197	81.20	✓					■	■	■	■	■	■	■	■	■	■
3.500	88.90	✓					■	■	■	■	■	■	■	■	■	■
3.726	94.64	✓					■	■	■	■	■	■	■	■	■	■
3.937	100.00	✓					■	■	■	■	■	■	■	■	■	■
4.276	108.60	✓					■	■	■	■	■	■	■	■	■	■
4.500	114.30	✓						■	■	■	■	■	■	■	■	■

SPECIFICATION/STANDARD	STEEL GRADE	DELIVERY CONDITION
American Standard (ASTM A 513)	SAE1008, 1010, 1020, 1026, 1040, 1541, 1045, ST52, FB590, DP980	A.W.H.R., A.W.P.O., A.W.C.R.
European Standard (EN10305-3,5)	E 155, E 195,E 235, E 275, E 355, E 190, E 220, E 260, E 320, E 370, E 420	+CR1, CR2, +A, +N
Japanese Standard (JIS G 3445)	STKM 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	A, B, C
Indian Standard (IS 3074:2015, IS 1923:2017)	ERW 1, ERW 2, ERW 3, YST 210, YST 310	+ C, + SR + N, + A

SIZE MATRIX ERW TUBES (SECTION)

OD (MM)	Fin Cut	Thickness (MM)									
		0.90	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
19.00 X 19.00	✓	■	■	■	■						
20.00 X 20.00	✓	■	■	■	■						
25.00 X 25.00	✓	■	■	■	■	■					
30.00 X 30.00	✓	■	■	■	■	■					
34.80 X 34.80	✓		■	■	■	■					
38.00 X 38.00	✓		■	■	■	■					
40.00 X 40.00	✓		■	■	■	■	■	■			
40.50 X 40.50	✓		■	■	■	■					
50.00 X 50.00	✓			■	■	■	■	■	■		
50.80 X 50.80	✓			■	■	■	■	■	■		
60.00 X 60.00	✓			■	■	■	■	■	■		
80.00 X 80.00	✓					■	■	■	■	■	■
25.40 X 12.70	✓	■	■	■	■						
30.00 X 16.00	✓	■	■	■	■						
30.00 X 20.00	✓	■	■	■	■	■					
31.75 X 19.05	✓	■	■	■	■						
35.00 X 15.00	✓	■	■	■	■						
38.00 X 25.40	✓	■	■	■	■						
40.00 X 15.00	✓	■	■	■	■						
40.00 X 25.00	✓	■	■	■	■	■	■				
40.00 X 30.00	✓		■	■	■	■					
50.00 X 20.00	✓		■	■	■	■					
50.00 X 25.00	✓		■	■	■	■					
50.00 X 30.00	✓		■	■	■	■	■				
50.80 X 25.40	✓			■	■	■	■				
60.00 X 40.00	✓			■	■	■	■	■			
76.20 X 50.80	✓				■	■	■	■	■	■	
80.00 X 40.00	✓			■	■	■	■	■	■		
84.30 X 76.20	✓				■	■	■	■	■	■	■
85.00 X 44.00	✓					■	■	■	■	■	■
90.00 X 50.00	✓					■	■	■	■	■	■
100.00 X 50.00	✓					■	■	■	■	■	■
115.00 X 60.00	✓					■	■	■	■	■	■
115.00 X 69.00	✓					■	■	■	■	■	■

SPECIFICATION/STANDARD	STEEL GRADE	DELIVERY CONDITION
American Standard (ASTM A500, ASTM A513)	YST 210, YST 240, YST 310, SAE1020, GRADE B	+C, +SR, +A, +N
European Standard (EN10305-5)	E-195, 220, 235, 260, 275, 320, 355	+CR1, CR2, +A, +N
Indian Standard (IS 1161)	YST 210, YST 240, YST 310, YST 355	+ C, + SR + N, + A

SIZE MATRIX (CEW/DOM/CDS TUBES)

MINIMUM THICKNESS (INCH)		0.035	0.051	0.061	0.081	0.091	0.101	0.121	0.130	0.191	0.252	0.272	0.284	0.295	0.315	0.335	0.354	0.374
MAXIMUM THICKNESS (INCH)		0.050	0.060	0.080	0.090	0.100	0.110	0.130	0.191	0.250	0.295	0.283	0.295	0.315	0.335	0.354	0.374	0.394
MINIMUM THICKNESS (MM)		0.90	1.30	1.55	2.06	2.31	2.57	3.07	3.30	4.85	6.40	6.90	7.21	7.50	8.00	8.50	9.00	9.50
MAXIMUM THICKNESS (MM)		1.27	1.52	2.03	2.29	2.54	2.79	3.30	4.85	6.35	7.50	7.20	7.50	8.00	8.50	9.00	9.50	10.00
OD RANGE (MM)	OD RANGE (INCH)																	
8.00 - 11.10	0.315 - 0.437	■	■	■	■	■												
11.13 - 12.65	0.439 - 0.498	■	■	■	■	■												
12.70 - 14.25	0.500 - 0.561	■	■	■	■	■	■	■										
14.27 - 15.85	0.562 - 0.624	■	■	■	■	■	■	■										
15.88 - 19.00	0.626 - 0.749	■	■	■	■	■	■	■	■									
19.02 - 20.60	0.749 - 0.812	■	■	■	■	■	■	■	■									
20.62 - 23.75	0.812 - 0.936	■	■	■	■	■	■	■	■									
23.77 - 27.03	0.937 - 1.065	■	■	■	■	■	■	■	■									
27.05 - 33.30	1.066 - 1.312			■	■	■	■	■	■	■								
33.32 - 38.05	1.313 - 1.499			■	■	■	■	■	■	■								
38.07 - 39.67	1.500 - 1.563			■	■	■	■	■	■	■								
39.70 - 42.85	1.500 - 1.563			■	■	■	■	■	■	■								
42.88 - 45.24	1.564 - 1.688			■	■	■	■	■	■	■								
47.37 - 49.20	1.866 - 1.938			■	■	■	■	■	■	■	■	■	■					
49.23 - 52.35	1.940 - 2.063			■	■	■	■	■	■	■	■	■	■	■				
52.37 - 60.33	2.063 - 2.377			■	■	■	■	■	■	■	■	■	■	■				
60.35 - 66.68	2.378 - 2.627			■	■	■	■	■	■	■	■	■	■	■				
66.70 - 76.20	2.628 - 3.002			■	■	■	■	■	■	■	■	■	■	■	■			
76.23 - 82.52	3.003 - 3.251			■	■	■	■	■	■	■	■	■	■	■	■			
82.55 - 88.90	3.252 - 3.503			■	■	■	■	■	■	■	■	■	■	■	■	■		
88.93 - 95.25	3.504 - 3.753			■	■	■	■	■	■	■	■	■	■	■	■	■		
95.28 - 101.60	3.754 - 4.003				■	■	■	■	■	■	■	■	■	■	■	■	■	
101.60 - 108.00	4.003 - 4.255				■	■	■	■	■	■	■	■	■	■	■	■	■	
108.00 - 115.50	4.260 - 4.547						■	■	■	■	■	■	■	■	■	■	■	■
120.00 - 130.00	4.724 - 5.118									■	■	■	■	■	■	■	■	■
130.00 - 140.00	5.118 - 5.512									■	■	■	■	■	■	■	■	■
140.00 - 150.00	5.512 - 5.905									■	■	■	■	■	■	■	■	■

CEW/DOM TUBES		
SPECIFICATION/STANDARD	**STEEL GRADE**	**DELIVERY CONDITION**
American Standard (ASTM A 513, Type 5,6)	SAE1008, 1010, 1020, 1026, 1040, 1541, 1045, ST 52, FB 590, DP 980	S. D.H.R., S.D.C.R., D.O.M., S.S.I.D.
European Standard (EN10305-2,6)	E320, E370, E420, E155, E195, E235, E275, E355, 26MnB5, 590 DP, E190, E220, E260	+CR1, CR2, +A, +N
Japanese Standard (JIS G 3445 / JIS G 3446)	STKM 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	A, B, C
Indian Standard (IS 3074:2015)	CEW 1, CEW 2, CEW 3	AD,+SR,+N,+A

CDS TUBES		
SPECIFICATION/STANDARD	**STEEL GRADE**	**DELIVERY CONDITION**
American Standard (ASTM A 106 Gr A / B / C, ASTM A 334 Gr 1, 6)	SAE 1008, 1010, 1012, 1018, 1019, 1035, 1045	NBK, GBK, BK
European Standard (EN 10305-1, EN 10305-4)	E320, E370, E420, E155, E195, E235, E275, E355, 26MnB5, 590 DP, E190, E220, E260	+CR1, CR2, +A, +N
Indian Standard (IS 3601, IS 1239 Part I)	SAE 1008, 1010, 1012, 1018, 1019, 1035, 1045	NBK, GBK, BK

“ QUALITY ASSURED, PERFORMANCE DELIVERED ”

CERTIFICATIONS

- IATF 16949:2016
- ISO 9001:2015 Certified



Quality control test includes the following :

- Customer-centric quality with continual improvement.
- Strict process control & real-time monitoring.
- Advanced NDT: Thermal scanning, UT, ECT & Hydro Testing.
- Automated defect sorting with 100% inspection.
- Comprehensive mechanical & hardness testing.
- Spectro, weld flow & hydro pressure validation.
- CMM, laser & vision-based precision measurement.
- SAP integrated traceability with QR code.





SECTORS SERVING

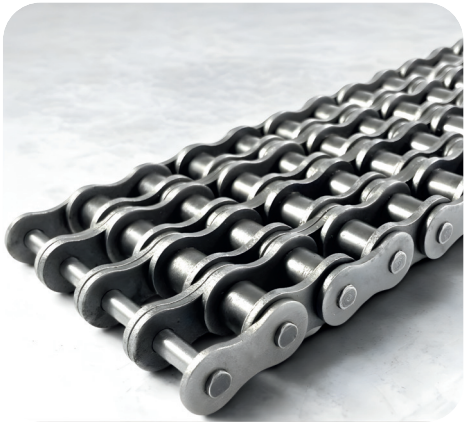
We provide high-quality precision tubes and tubular products designed to meet the demanding requirements of various industrial applications. With advanced manufacturing capabilities and a commitment to excellence, Meta Engitech is dedicated to delivering reliable solutions that drive success for our customers worldwide.



AGRI & FARMING



CONSTRUCTION & MINING



GENERAL ENGINEERING



AUTOMOTIVE



POWER & ENERGY



DEFENSE & AEROSPACE

APPLICATIONS

AGRI & FARMING



Bright Annealed Fluid Lines
Specs : DIN 2391, DIN 2393
(ST-34.2, ST-37, ST-52.3)

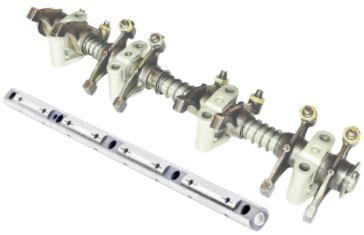


Hydraulic Cylinder
Specs : EN 10305-1/2, E355 +C/+SR
(H9 & H8)



Cardan Shaft
Specs : EN 10305-2, E355 +C

CONSTRUCTION & MINING



Engine Rocker Shaft
Specs : ASTM A 513 (SAE 1045), EN 8D, CK-45



Push Rod
Specs : JIS G3445, STKM 13C



Hollow Piston Rod
Specs : ASTM A 513, SAE 1045



Self Drilling Anchor Bolt
Specs : SAE 1045

GENERAL ENGINEERING



Industrial Chains
Specs : DIN-2393 (SAE 1020, ST-52-3)



Bobbin Tube
Specs : ASTM A 513, Type 2/5

AUTOMOBILE



Gas Spring

Specs : IS 3074:2013 CEW-1



Telescopic Front Fork

Specs : ASTM A 513 (SAE 1541)



Draglink & Tierods

Specs : DIN 2393 (ST 52.3)



Stabilizer Bar

Specs : EN 10305-2



Side Impact Beam

Specs : EN 10305-3



Hydroformed Tubes

Specs : EN 10305-3 (E355+N)



Anti Vibration Mount

Specs : IS 3074:2013 CEW 1/2



Rear Twist Beam

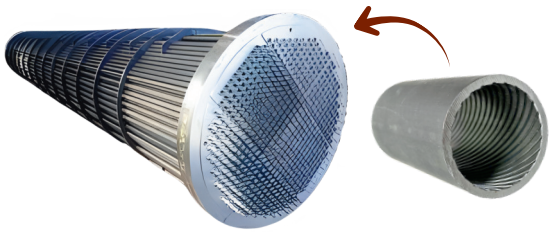
Specs : IS3074:2013 ERW-1



Propeller Shaft

Specs : EN10305-2, E355 +SR

POWER & ENERGY



Heat Exchanger (Rifle Tube)

Specs : ASTM A 178



Air Preheater

Specs : ASTM A423 Gr.1 Corten Steel, BS-6323, PART-V 1982, BS-6323, PART-VI 1982

“ VALUE ADDED CAPABILITIES ”

- Tube & Wire Cutting
- Turning & Milling
- Boring
- Tapping / Threading
- Stamping
- Centreless Grinding
- CNC Bending
- Robotic Welding













“ VALUE ADDED PRODUCTS ”



End Cap Sleeve
Specs : ST-52



Manifold
Specs : SS - 304



Guide Rod
Specs : ST - 52



Housing
Specs : EN - 8

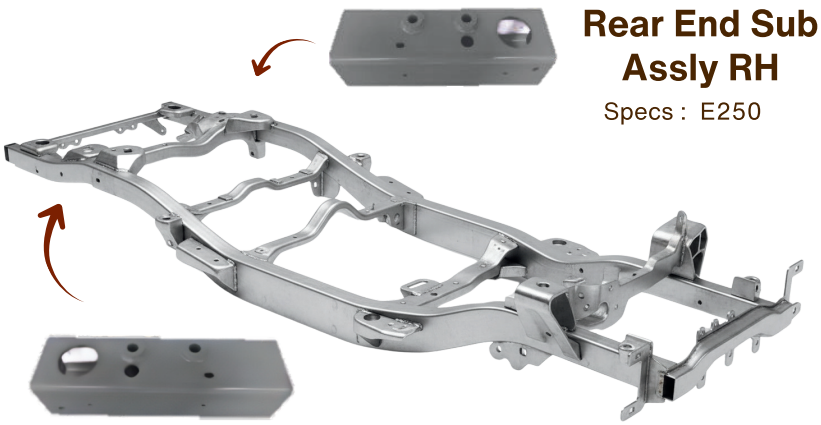


Worm Shaft
Specs : 20MnCr5



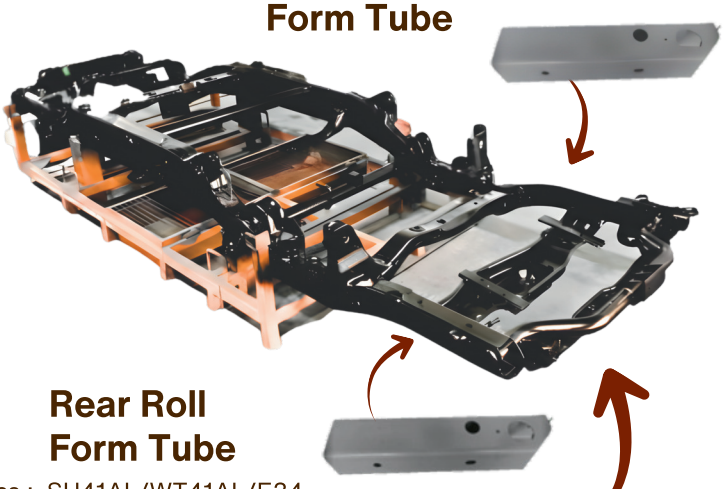
Spacer Drive Pinion Bearing
Specs : SAE 1020

Side Member Rear End Sub Assly RH
Specs : E250



Side Member Rear End Sub Assly LH
Specs : ISH410S (SH41AL)/ E25

Rear Roll Form Tube



Rear Roll Form Tube
Specs : SH41AL/WT41AL/E34



Cross Member Center Bearing
Specs : ISH410S/E250A



Cross Member Rear Bumper
Grade/Specs : BSK46

Beyond Work...

"Celebrating the People Who Fuel Our Growth"





















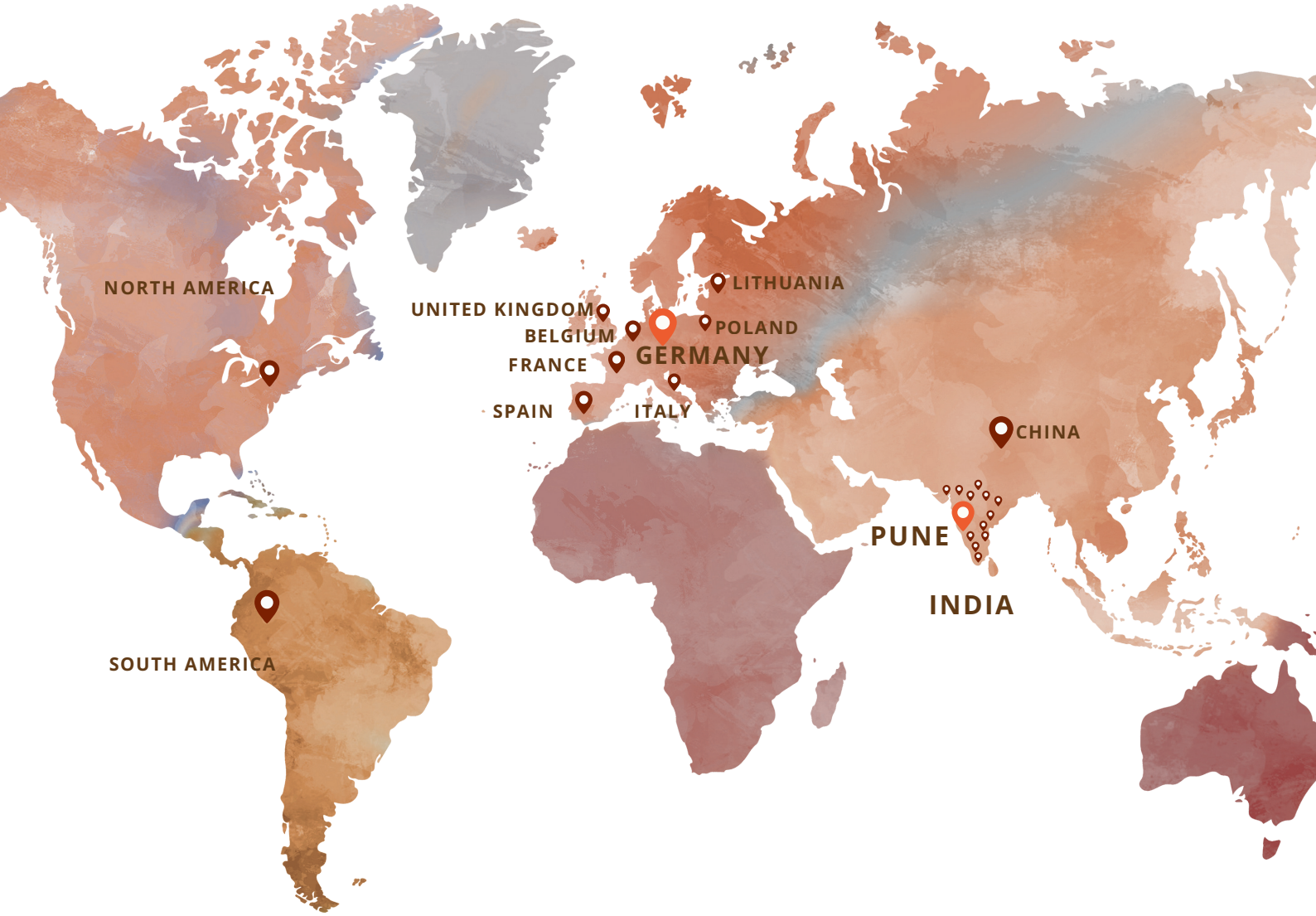




META ENGITECH

EXPANDING ACROSS THE GLOBE

JOIN US AS WE EMBARK ON A JOURNEY TO EXPAND OUR GLOBAL FOOTPRINT



GROUP COMPANIES

OUR CUSTOMERS





CONTACT US

Phone	+91 2069010151
Email	marketing@metaengitech.com
Website	www.metaengitech.com
Address	Sales Office -Office No. 409, 4th Floor, Phoenix Market City, East Court, Viman Nagar, Pune, Maharashtra, Pincode- 411014. Unit I :- Gat No 1261, Sanaswadi, Pune Nagar Road, Tal Shirur Dist- Pune Maharashtra 412208 Unit II :- Gat No 56/3, 4, 5, Chakan Shikrapur Rd, Village Pimple Jagtap, Tal-Shirur, Dist - Pune Maharashtra - 412208