

# Omega Bright Steel Pvt. Ltd.

Company presentation Dec 2017

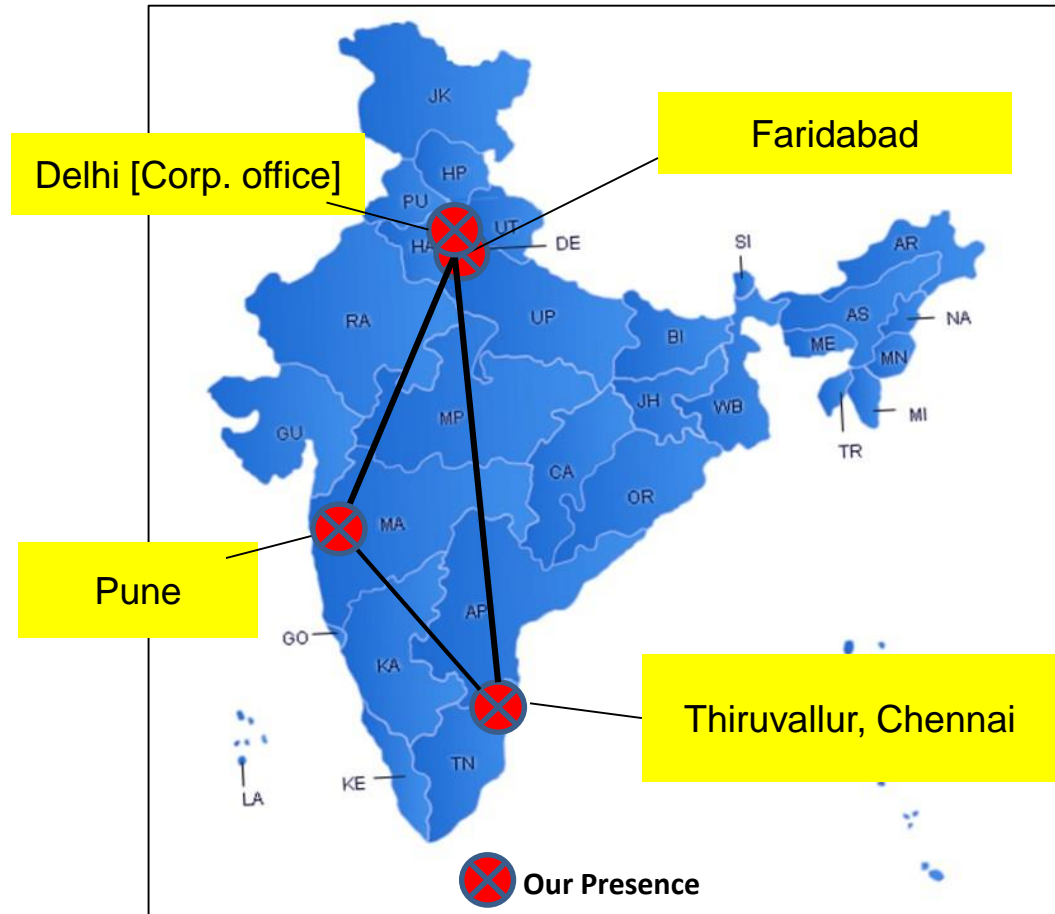


# Omega Bright Steel Pvt. Ltd. - Introduction

- Omega Bright Steels Pvt. Ltd. is in the forefront of Bright Bars manufacturing in India.
- We were set up by Mr. S P Narang in 1971 & have been in business for the past 46 years.
- We have market share of more than 50% of bright bars in automotive sector in India.
- We have forward integrated into components manufacturing with several machined auto components.
- **International presence :**
  - Offices in Thailand, Dubai, Germany, Japan & Switzerland

# Our Pan India Location

- We have Pan India Presence in all the auto hubs.
- Our Factories are in :-
  - Faridabad
  - Pune
  - Chennai T.N.



We are rapidly expanding our footprint pan India

# Bright Bar division

- Combined Drawing Machine for round bright bars ranging from 8MM to 26MM.
- Continuous Induction Heat Treatment Furnace  
(Expected date of installation in next 4 months, latest by May 2018)



# Our bright bar capacity

- We have more than 33,000 MT / annum bright bars manufacturing capacity in two plants in Faridabad and Pune.
- We are expanding the capacity at our new plant in Chennai. It will become operational in Apr 2018.

No.	Group Companies	2017-18 Estimated
1.	Omega Bright Steel (P) Ltd., Faridabad	1925 MT/Month
2.	Omega Bright Steel & Components (P) Ltd., Pune	850 MT/Month
3.	Omega Bright Steel & Components (P) Ltd., Chennai	To start in Apr 2018
4.	Omega Bright Steel & Components (P) Ltd, IMT Faridabad	Number of Items - 50 nos.

# Production & Auxiliary Machines: Faridabad

- Shot Blasting Machine
- Peeling Machines
- Various automatic combined Drawing Lines.
- Wire drawing Machines.
- Annealing, hardening & tempering furnaces.
- Centreless Grinders.
- Traub Cutting Machines



# Production & Auxiliary Machines: Faridabad

Combined Drawing  
Machine for Hexagonal /  
Sections ranging from  
5MM to 14MM



ITL CNC Bar CNC cutting  
Machines



Centerless Grinder



# Important QA Equipment's: Faridabad

- Ultrasonic Flaw Detector
- Magnetic Crack Detector (MPI)
- Optical Brinell Hardness Tester
- Rockwell Hardness Tester
- Universal Tensile Strength (UTS)
- Metallurgical Microscope
- Vickers Hardness Tester
- Thermo Scientific Niton XL2 XRF Analyzer





# Production & Auxiliary Machines: Pune

## Combined Drawing Machine Schumag (SH 1A) (Made in Germany)



Size Range: 15mm to 26mm  
Shape: Round, Hex & Square  
Output Speed: 15/30 mtrs / min

## Combined Drawing Machine Sheng Chyeon (SH1B) (Made in Taiwan)



Size Range: 6mm to 16mm  
Shape: Round/Hex/Square/Profile  
Drawing Speed: 0 to 60 mtrs / min

# Quality Assurance: Pune



**OMEGA BRIGHT STEEL & COMPONENTS PVT. LTD.**

Quality Policy

Omega Bright Steel & Components Pvt. Ltd. is committed to total customers' satisfaction by timely delivery of quality products through effective implementation and continual improvement of Quality Management System. The policy shall be fully communicated to all the employees and periodically reviewed for its suitability.

Date: \_\_\_\_\_ Director



**CERTIFICATE**

The Certification Body of TÜV SÜD South Asia Private Limited certifies that



Omega Bright Steel & Components Pvt. Ltd.  
Gat No. 312, Hissa No. 3, 4 & 5, Nanekarwadi, Chakan, Taluka - Khed, Pune - 410 501, Maharashtra, INDIA

has established and applies a Quality Management System for Manufacturing and Supply of Bright Steel Bars & Wires

An audit was performed. Report No: 20059308  
Proof has been furnished that the requirements according to **ISO 9001 : 2008** are fulfilled. This certificate is Valid until 2014-01-28  
Subject to successful completion of the Annual Audit before 2013-12-18


Certificate Registration No. 99 100 14158  
Mumbai.

Effective Date: 2013-01-29




Certification Body of TÜV SÜD South Asia Private Limited  
Member of TÜV SÜD Group

Address: 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



**OMEGA BRIGHT STEEL & COMPONENTS PVT.LTD.**

**PUNE**

**TEST CERTIFICATE**

Customer: M/S DELPHI-TVS Brake Systems Limited  
Manner, Tamilnadu-602205

Travel Card No: 486  
W.O.No: 403  
TDC/P.O.No.: T/40/12/0003

T.C. NO.: 1213  
Inch./ / Ch. No:  
DATE: 18/06/2013

**Material Description**

Heat No.	Grade	Size mm	Tol	Length (Mtr)	Qty Kgs	Box No	Supply Condition	RM Source	Color Code
MS0812	S15N17	17.50 φ	0.02 / +0.1	2.75 - 2.80		A	Ground Round Bar	PKANAD Ltd	White
Actual Size mm		1 2 3 4 5 6 7 8 9							
		17.47 17.46 17.48							

**Chemical Composition**

%	C	Mn	P	S	Cr	Ni	Mo	Si	Al	Other
Max	0.180	0.050	-	0.005	0.150	0.05	1.25	0.18	-	0.02
Spec	0.180	0.050	0.030	0.008	0.200	1.05	1.45	0.22	-	0.15 0.04
MS0812	0.174	0.790	0.013	0.007	0.227	1.039	0.199	0.009	0.034	-
	-	-	-	-	-	-	-	-	-	-


**Mechanical Properties**

Test	Y.S. Mpa	UTS Mpa	Elongation %	RA %	Hardness min	Impact Testing		
						Load	Charpy	Others
Spec	Min	-	-	-	195	-	-	-
	Max	-	-	-	225	-	-	-
MS0812	-	-	-	-	217	-	-	-
	-	-	-	-	-	-	-	-

**Metalurgical Properties**

Test	Micrograph	Scale Size (µm @ 100X)	MPI	Inclusion Size	Misc-up Test	Inclusion Rating (E-CLASS)													
						A	H	T	B	M	C	M	T	H	A	D			
Spec	Y.S. Mpa	Specimen surface (DIN) or from matrix or both	Sampling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MS0812	218	OK	-	-	-	1.0	0.0	0.5	0.0	0.5	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0

Prepared By: VGS  
Proc No: 0807/08, Rev:02



PLANT APPROVED FOR ISO 9001:2008 BY TUV, DELPHI-TVS, GABRIEL INDIA LTD, FOUNDATION BRAKES, ENDURANCE, TENNECO, ETC.

# Our Major & Valuable Customers

- All major approved ancillaries of MSIL / HONDA MOTOR CORP HSML / TML / HM / M&M /BAL / TOYOTA / NISSAN / HYUNDAI / ZF –MUNJAL SHOWA



**GABRIEL**

## Components division facilities: IMT Faridabad

- PMT Single Spindle Automatic Lathe machine (25mm-42mm capacity)
- CNC Turning Machines
- Gear Type Centre Lathe Machines
- Conventional Machines like Drilling Machines, Tapping Machines, Slotting Machines, Milling Machines etc.
- Thread Rolling Machines – Circular
- Thread Rolling Machine – Duplex Type
- Centerless Grinders
- Surface Grinders
- Hydraulic Band saw Machine – Horizontal
- Bench Grinders, Semi Automatic Lathe Machines
- Universal and Horizontal Milling Machines
- MNTR Machines



# Machining parts

- We are doing machining of several auto and non automotive components.
- These are forged and cast parts.
- Forgings and castings are outsourced from suppliers in Pune area.
- We have milling, grinding and finishing facilities.



# Product Gallery for our Clients

Groz Engineering Tools, Gurgaon



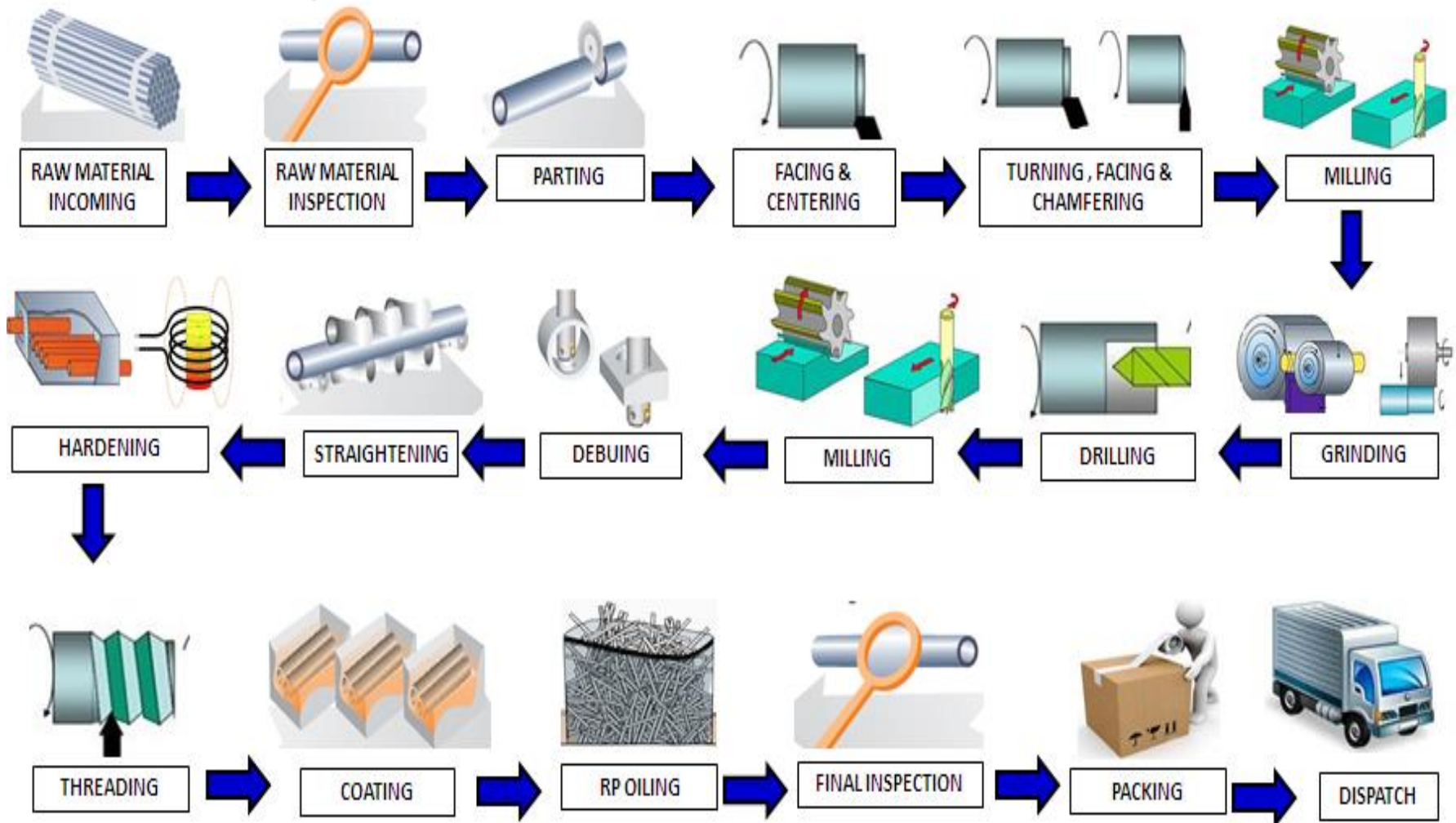
Imperial Auto Industries, Faridabad



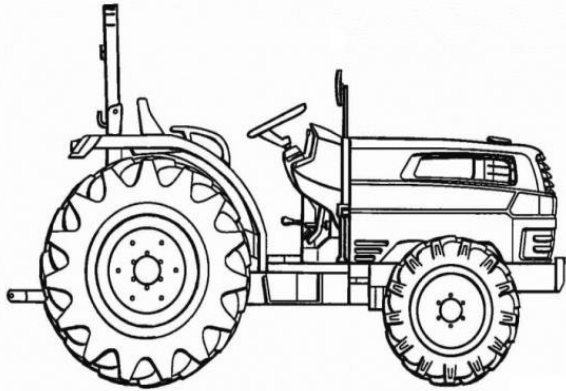
BSF Tear Smoke Unit, Gwalior



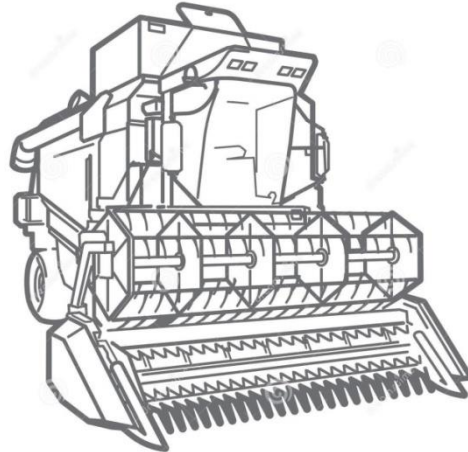
# Process Flow Diagram machined Parts



# Product Applications



**Tractor Commodities**



**Combine Commodities**



**Fork Lift  
Commodities**



**4 wheeler Commodities**



**Telecom Commodities**



# Production & Auxiliary Machines: IMT Faridabad

Ace CNC Lathe Machines  
(Model- Jobber LM & Jobber LM Elite)



PMT Automatic Lathe Machine



Tool Room



# Production & Auxiliary Machines: IMT Faridabad

Over view of PMT Automatic Lathe Machine Section



Over view of Grinding Section



Automatic Hydraulic Band saw Machine



Final Inspection Stage



## Future Expansion



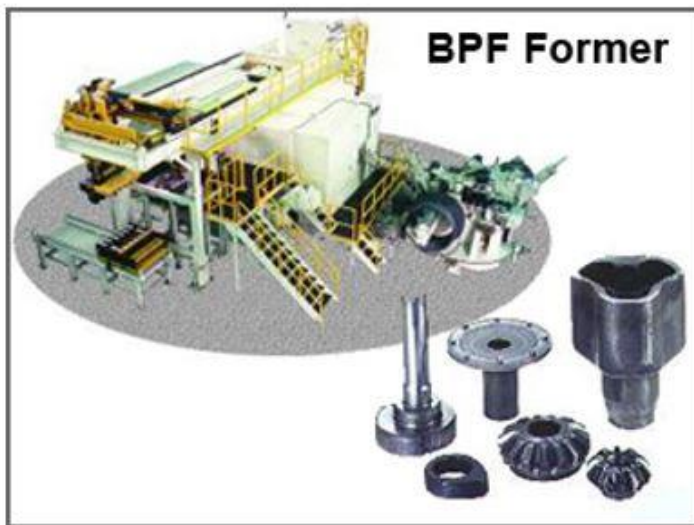
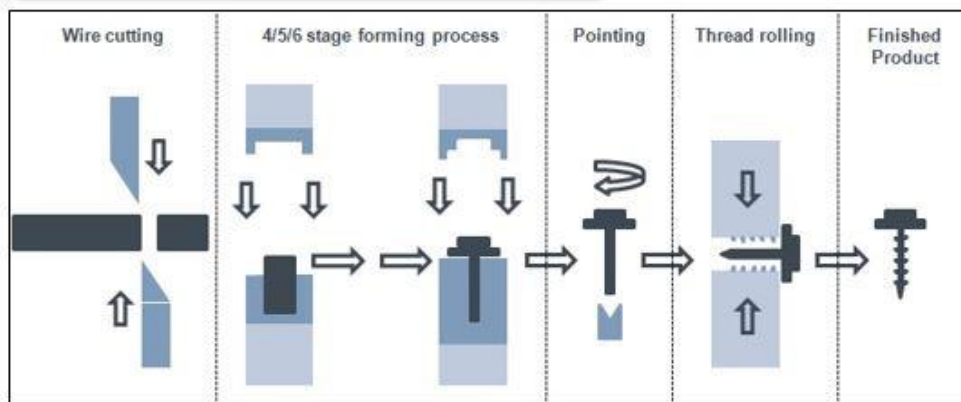
# Our Major & Valuable Customers

- All major approved ancillaries of ESCORTS / RADIO DESIGN / GROZ / MITA INDIA / IMPERIAL AUTO/ BSF TEAR SMOKE UNIT.



# Cold formed parts & fasteners

## Cold forming process flow



# Complete machined components solution from us

Complete range of products and services from Omega



Bright Bar drawing



CNC turning & machining



Turned parts



Cold formed parts

# Summary

- We can work on opportunities in automotive components.
- We have a huge customer base with all top OEMs names in the automotive industry.
- Omega brings experience, knowledge and relationships of working with customers in India and abroad.
- We have design and development capabilities.
- Our in-house bright bar manufacturing facilities give us control on raw material.

# Contacts..

- Contact :

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www.omegabrightsteel.com

## 1. Faridabad

Omega Bright Steel

1. Plot No. 109, Sector 24,  
Faridabad.

**2. Plot No. 40 Sector  
68 IMT Faridabad.  
Haryana-121005**

## 2. Pune

Omega Bright Steel &  
Components Pvt Ltd.

Gate no. 312-315,  
Nanekarwadi,  
Chakan, District Pune,  
Maharashtra-410501

## 3. Chennai

Omega Bright Steel &  
Components Pvt Ltd.

S-No-604/1B,604/2B,  
Mannur Village,  
Kancheepuram Distt,  
Chennai, Tamil Nadu

## 4. Head Office:

Anglian Omega Group

6E, 6th Floor, M6 Uppal  
Plaza, Jasola District  
Centre, New Delhi-  
110025