

TAEJUNG

Technical Mfg Co., Ltd.

Global cold · hot forging / Fastener / Electric Vehicle parts
Aluminum Bushing, Scissor Jack, Tow Hook, Hub Bolt, Industrial Bolt
For automobile, wind power, vessel, petrochemical plant



TAEJUNG

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www.taejungtech.com

CEO MESSAGE

Taejung Technical Mfg Co., Ltd. preparing the future of weight lightening. We will repay your support with the **best technology, quality and customer satisfaction.**

Continued innovation for employee happiness, customer trust, and social development.

Taejung Technical Co., Ltd. was established in 1991 and growing up in your trust and encouragement.

The company name stands for "Grow" and "Honest", and Taejung has been existed for employee happiness, customer trust and social development.

Respected employee in the workplace become happier, and do their best to make better products and services. As a result, it will be a foundation for a better society.

We will be a Global Small Giant Company that supplies better products and services for better lives of employees, customers and every member of society.



CEO Tae-Soo Shin

COMPANY STATUS

Headquarters

Company Name	Taejung Technical Mfg Co., Ltd.	Location	141, Chungjusandan 1-ro, Chungju-si, Chungcheongbuk-do, Republic of Korea.
CEO	Tae Soo Shin		
Date of foundation	April. 20. 1991	Homepage	www.taejungtech.com

USA Branch

Location	1256 Autumn Drive, Troy, MI 48098 USA
Date of foundation	Jul. 18. 2013
Employee	Two people



History

1990 ~ Established Taejung Technical Co., Ltd. reaching for the world and the future

- 1991 • Established Taejung Technical Mfg Co., Ltd.
- 1992 • Development of all-in-one cold forging for Daewoo Motors
- 1997 • Registered as GM Tier 2 supplier
- Registered as HYUNDAI & KIA motors Tier 2 supplier

2000 ~ Foundation to become a global leader

- 2000 • Joint development of SPOKE WHEEL & DRUM ASS'Y for US export
- Export of HUB BOLT, HUB NUT for trailers to Indonesia
- 2002 • Registered as SSANGYONG Motors Tier 2 supplier
- Certified as a prospective export SME(Ministry of SMEs and Startups)
- Selected as venture startup(New technology venture startup)
- 2005 • Certified ISO/TS 16949
- 2006 • Certified ISO/9001
- 2007 • Registered as Hyundai Heavy Industry Tier 2 supplier
- Established R&D center-KITA (Korea Industrial Technology Association)
- 2008 • Registered as GM Tier 1 supplier
- Supplying of JACK ASM & TOOL(including Global)
- 2009 • ISO 14001 : 2009 certification(SBC)

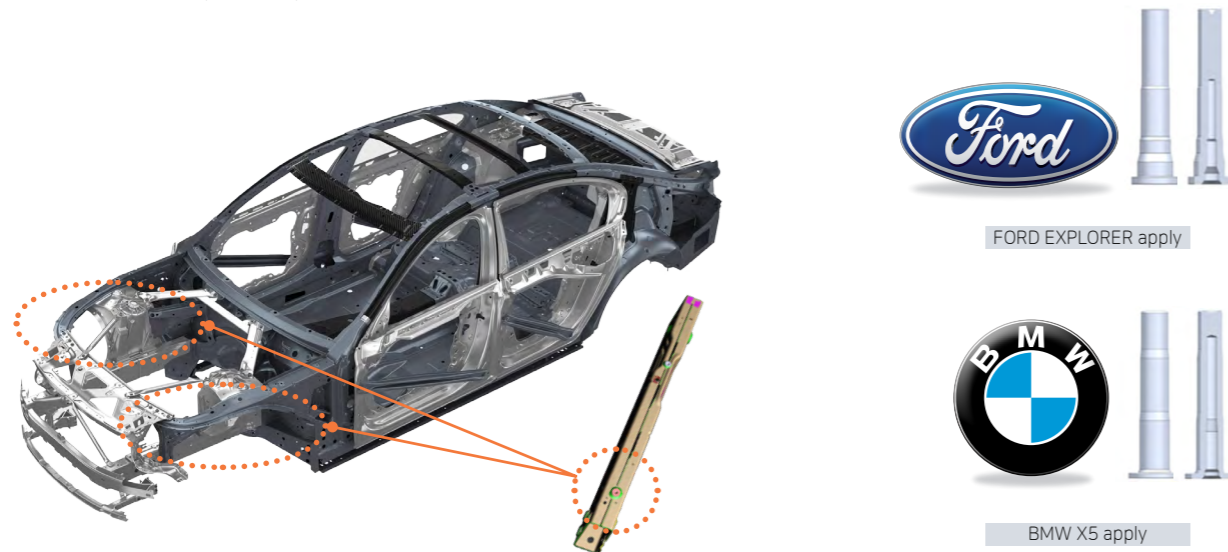
2010 ~ Leap into the future

- 2010 • Began producing STUD(Hot forging and stud thread rolling)
- 2011 • Designated as First class venture Company - Governor of Chungcheongbuk-Do
- 2013 • Established US office
- 2014 • HIGH NICKEL ALLOY(INCOLOY, HASTELLOY, MONEL)
- Developed forging and rolling technology
- Certified as Root Industry - Cold • hot composite forging technology(Ministry of SMEs and Startups)
- 2015 • Signed technology transfer contract(Moonlight Tools Pvt. Ltd.)
- Appointed as KICOX global leader(Joint Hall of Fame)
- 2016 • Certified GM quality system(BIQS)
- 2017 • Awarded GM SQEA
- Awarded CEO capital goods industry award
- Registered as SSANGYONG Motors Tier 1 supplier
- Approved Hard-to-form government project business(4 years, 2.7 billion)
- 2018 • Awarded GM SQEA
- Selected to participate in engineering plastic jack government project(Joint with GM)
- Registered JACKSTER as proprietary brand
- TCB technology credit assessment -certified as T3(E-credible)
- 2019 • Awarded GM SQEA
- Appointed as a global small giant company(Ministry of SMEs and Startups)
- Certified as a superior Technology Enterprise(Ministry of Gender Equality and Family)
- Achieved 10 million dollars in export
- 2021 • Registered as Stellantis (FCA+PSA) Tier 1 supplier



| Aluminum Bushing - Lightweight Chassis

Taejung developed and applied aluminum for front frames in line with the lighter chassis trend. We also developed world's first cold forge forming technology, produced bushing with aluminum, and are **currently supplying them to FORD and BMW**.



The right and left front frame rails

Developed world's first cold forge forming technology

| Electric Vehicle Battery Attach

Battery pack connection component

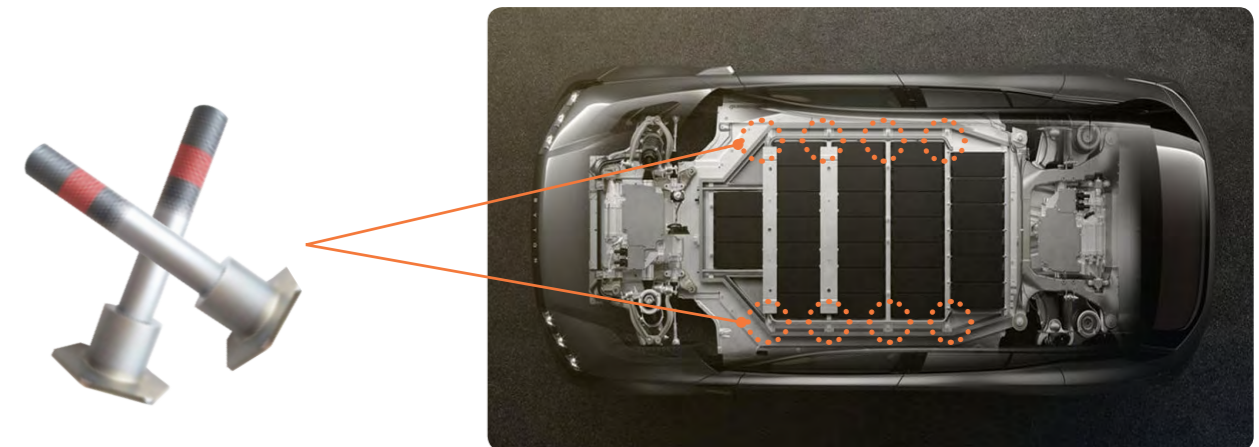
It will be applied to GMC HUMMER EV and will be mass produced in 2022. It is planned to be used with the Ultium Battery Pack for electric vehicles, for later expanded use with GM EVs.



| Electric Vehicle Hexagon Bushing

Developed fixed bushing for battery trays!

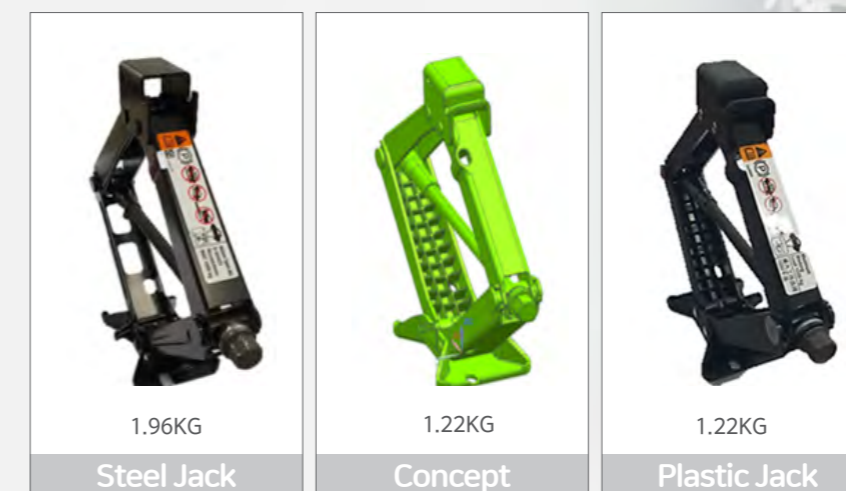
Taejung developed fixed bushing for battery trays with a hollow structure, a key component of electric vehicles, and **confirmed supply for BYTON's SUV M-BYTE model**, and plans to expand EVs to other customers.



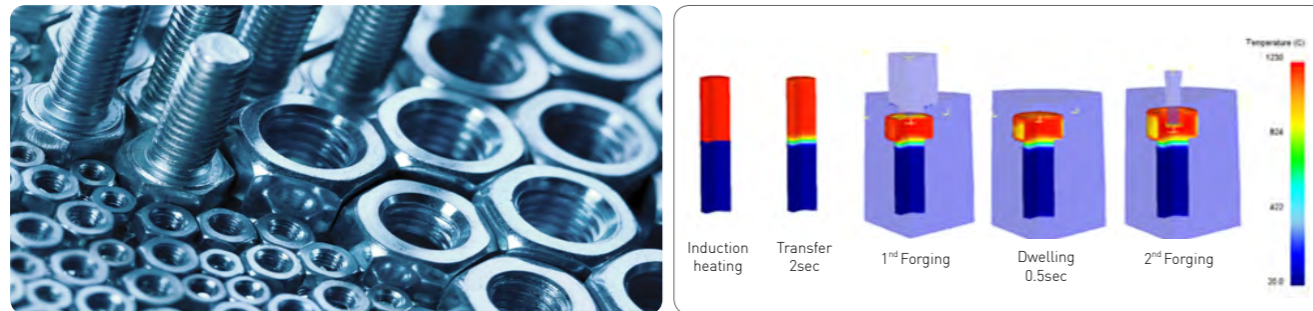
| JACK ASM ENGINEERING Plastic Jack

38% lighter than existing Steel Jacks!

Developed for the first time in the world, and supply it to GM.



| High durability, high strength HI Nickel alloy steel - Hard-to-form fastener



HI Nickel alloy metal, difficult to process and form, is a metal with high heat resistance, high corrosion resistance, and high durability that requires very precise processing technology. Taejung succeeded in developing forming technology applicable to hard-to-form materials with its best-in-class technology and quality and continues innovation.



| AUTO PARTS

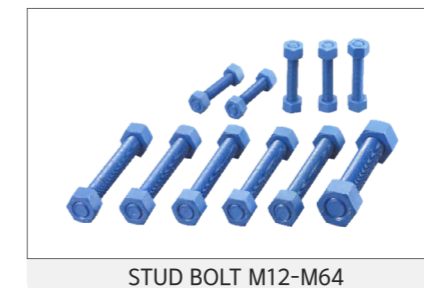


| FORGING

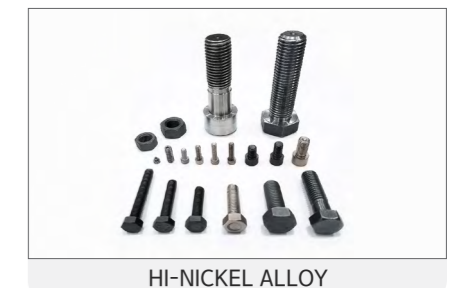
HOT FORGING



ASTM 193 / A193M
ASTM A320 / A320M



ASTM A193 / A193M
ASTM A320 / ASTM A320M
ANSI B16.5 / JIS G4107
DIN 9768 / BS 4882



TITANIUM, INCONEL,
MONEL, HASTELLOY

COLD FORGING



M20 X 1.5P X 88~148L
M22 X 1.5P X 85~148L
M24 X 1.5P X 110L



1570KGF~2770KGF
Steering Parts



TR12 x 2.5 x 294~330
TW13 x 2.82 x 442



Engine, Chassis Parts



Cold forging

· Former : NS 516PS / BFL 3030 / HBPF-633L / HBPF-630L / BF 420
 · Header : CH30 / ML 60-450mm / ORH-M12 / M8
 · Trimming M/C : M16 ~ M24

Rolling

· Rolling M/C
 - Flat : M8 / M16 / M20 / M24
 - Rolling : 20Ton / 35Ton / 60Ton

Hot forging

· Drawing : MAX Ø80
 · Cutting : Circular(Ø20~100) / Shearing M/C(Ø20~60)
 · Forging Press : 200Ton / 400Ton

Press

· Cold Knuckle Press Knuckle Press : 110Ton / 160Ton / 250Ton / 300Ton
 · Hot Knuckle Press Knuckle Press : 250Ton / 400Ton / 650Ton

Assembly

· Auto Jack assembly Line
 · Semi auto Jack assembly Line
 · Screw sub assembly Line

Riveting

· Rivet M/C
 · Spot welding M/C

Processing

· MCT
 · CNC 8 Inch / 6 Inch

Tensile & compression tester

3D measuring equipment

Jack durability tester


Video meter

Metal composition analyzer

Vickers hardness tester

Equipment name	Standard	Quantity
Jack durability tester	2000 Kg	1
3D measuring equipment	500X500X400	1
Metal composition analyzer	Oxford Instrument	1
Metallographic microscope	500X	1
All-purpose tester	50TON.	1
Videometer	100X, 200X	1
Form measuring equipment	CV1000	1
Salt spray tester	900x600x500	1
Micro vickers hardness tester	HV	1
Rockwell hardness tester	HRA,HRB,HRC	2
Thermo-hygrostat	-40~100	1
Torque tester	900Kg/cm ² ~900Kg/m ²	1

DESIGN 1998.11.13 Jack transfer screw rod for automobile - No.3002317600000
2017.04.11 Automatic labeler - No.3009029610000

BRAND 2020.06.02  - No.1539333

PATENTS & UTILITY MODELS

2004.07.12 Union bolt flank hole processing equipment - No.1004412790000
2004.09.22 Multi-line-inner thread processing device - No.1004512760000
2004.10.19 Manufacturing method of thermostat cup - No.1004546700000
2005.09.01 Fixed washer for 2-piece flange nut using cold forging and manufacturing method - No.1005135060000
2008.02.14 Aluminum Jack & the manufacturing method and the screw rod manufacturing method - No.1008058810000
2012.12.17 Cold-hot composite forging method & forging equipment
Manufacturing method of tie rod ends for automobiles using cold-hot composite forging
Manufacturing method of Pintle hook for automobiles using cold-hot composite forging - No.1012148010000
2013.04.24 Roll and threading device - No.1012594110000
2013.10.23 All-in-one screw nut for automobiles - No.1013231860000
2015.04.14 High tensile magnetic bolt assembly with hole formed in the washer and magnet installed - No.1015134330000
2017.05.24 Jack for automobiles - No.1017415450000
2017.08.10 Jack-up equipment for automobiles - No.1017689000000
2018.03.12 Manufacturing method of screw nut for jacks used in automobiles - No.1018395770000
2018.10.02 Jack assembly method - No.1019064040000
2018.11.23 Automobile jack-up equipment - No.1019236060000
2020.02.17 Material heating device - No.1020802120000
2021.04.02 Manufacturing method of bushing for automobile - No.1022380810000

CERTIFICATE



HYUNDAI SQ



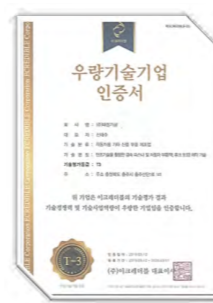
GM BIQS



IATF 16949



ISO 14001 : 2015

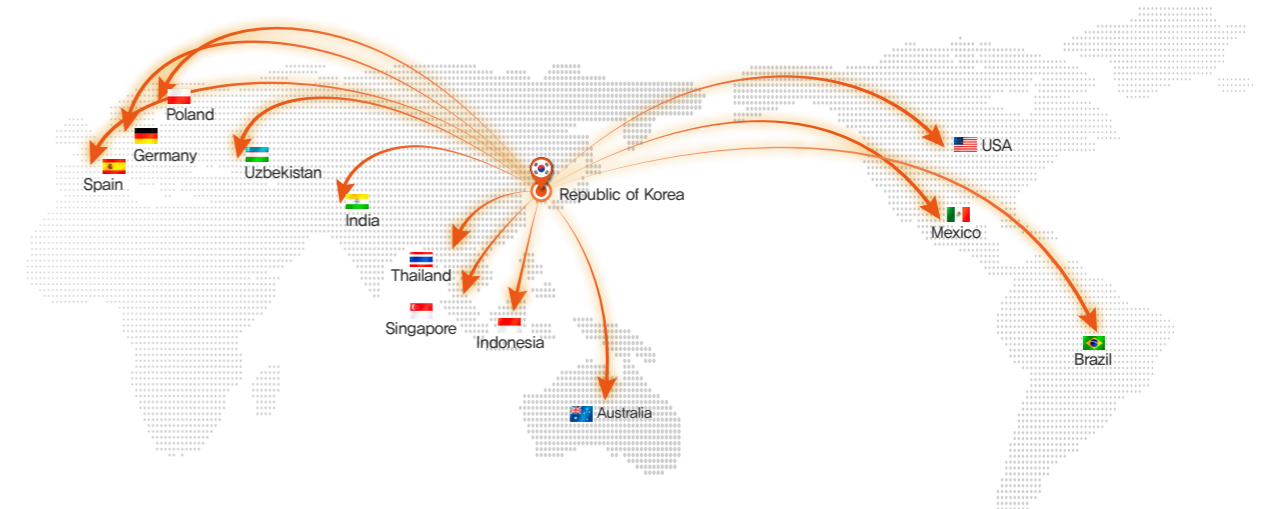


T-3 certified as a top technology company



Taejung now seeks to make the great leap to become a global company

Taejung Technical Mfg Co., Ltd. does its best to become a global leading company that provides the best value to customers.



Main customer





TAEJUNG
Technical Mfg Co., Ltd.

