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## Custom Automotive Fasteners, client cases demonstrated by specific products

Product Name	Product Images	Remarks
Round head square neck bolt or Carriage bolt	 	Securing Interior Trim Panels Attaching Brackets and Accessories Spare Tire Mounting Fastening Non-Critical Guards and Covers
Hex head Oil pump bolt		Securing the Oil Pump Housing Attaching the Oil Pump Pickup Tube
Wheel Hub Drilled Bolt		
Large bevel gear mounting bolts		
Battery hold down rod (for EVs)		Securing Battery Pack
U Bolt		Fastening Vehicle Suspension Mounting Electrical Conduits
Reamed bolt (for EVs)		Fastening Battery Pack Enclosures Securing Electric Motor Mounts Attaching Charging Port Assemblies
Tie rod (for EVs)	   	We manufacture these: Control Arm Rod Shock Absorber Rod Push Rod Stabilizer Bar Rod and more types
Hexagon flange bolt	  	
Hexagon head bolt with drilled hole		Fastening Suspension Components Securing Engine Mounts







Wheel bolt (for passenger cars)		
Custom bolts in diverse dimensions		
Wheel stud (for passenger cars)		Mounting Wheel to Hub Fastening Brake Rotor Securing Lug Nuts Connecting Suspension Components
Track bolt (for harvesters, agricultural machinery)		Fastening Track Assemblies Securing Drive Sprockets
Axle housing wheel rim bolts (for heavy-duty vehicles)		
Hex head bolt		
Flange bolt for axle housing		
Ball head bolt		Linkages Ball Joints
Drive shaft locking bolt		
Double-ended stud		Capable of diverse specs per clients' needs
Planetary carrier mounting bolt		
Thrust bolt		Fastening Engine Components Securing Suspension Arms Mounting Transmission Housings
Security screw		
Square head set screw with cup point		

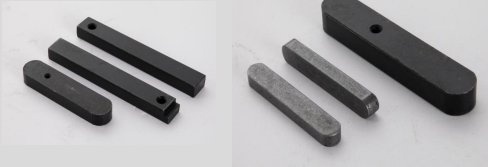








Counterweight screw	 	
Set screw		
Socket head cap screw		Fastening Engine Mounts Securing Transmission Covers
Planetary gear shaft retaining screw		Securing Planetary Gear Assemblies Fastening Transmission Components Attaching Differential Gear Housings
Plug	 	
Oil Drain Plug	 	
Oil temperature gauge plug		
Self-locking plug		
Slotted spring pin		
Trailer hitch pin		

Diverse types of automotive pins		Idler arm pivot pin; Square head pin; Drilled pin
Cotter pin		Steering Linkage Fastening
Dowel pin		Engine Block Alignment
Wheel nut		
Cap nut		
Weld nut		
Slotted nut		Fastening Wheel Bearings/Hubs
Hex thin nut		
Hex flange nut		
Hex nut		

Track nut		
Lock nut for axle housing		Differential carrier mounting with the axle housing
Flange nut for axle housing		
Axle flange lock nut		
Prevailing torque nut		Chassis Component Fastening
Lock nut		
Slotted round nut		
Washer face nut		Engine Compartment Attachment
Wave spring washer		

Spring washer		
Retaining ring		
Retaining ring spacer		
Flat washer	 	
Idler spacer	 	Timing Belt/Serpentine Belt Alignment
Square taper washer		
Shock absorber bushing		
Tab washer		
Anti-wear washer		

Internal tooth lock washer		
Drive shaft retaining ring		
Drive shaft locking plate		
Planetary gear thrust washer		Planetary Gear Set Spacing
Tab washer for slotted round nuts		Fastening Steering System Components
Thrust washer retainer		
Retaining ring for shafts and bores		Retaining Bearings in Housings
Belleville washer		Clutch Pressure Plate Springing
Diverse custom fasteners for axle housing		

Parallel key		
Gib-head key		Attaching Pulleys to Engine Crankshafts
Shift detent plate		
Shifter gate plate		Securing the Shift Mechanism
Shock absorber top mount cover		We also manufacturer diverse cover products per clients' needs
Clamp		
Brake master cylinder push rod		Transmitting Pedal Force
Door Latch		Locking Vehicle Doors Securing Trunk and Hood Closures
Internal retaining ring		Securing Transmission Gears Retaining Bearings in Housings Fastening Motor Components