

Ball studs

Ball studs are designed for use in ball joints and other applications where articulation is required.

Acument™ Global Technologies is uniquely positioned to offer ball studs produced using three different techniques:

- Cold formed for most standard applications
- Welded for applications requiring mixed materials
- Turned for special applications with unique geometries



Features

- Ball diameter from 5mm to > 20mm
- Different designs and materials
- Different thread types (Metric, Fastite®, Taptite®)
- Different drive types (e.g. drive in the ball, hexagon, 12 point,...)
- Special ball studs
- Welded, Rivet, and threaded shaft

Benefits

Welded: Material combination possible between ball and shaft
Optimised ball roughness (Roughness: Rz 4)

Cold formed: Ideal for standard solutions according to DIN 71803

Turned: Complex geometries possible

Applications

- Gearbox application
- Stabilizer bar application
- Clutch switch plate application
- Trailer
- Pallet carrier
- Bonnet, hatch, boot panel
- White goods (Cooker, washing machines,...)

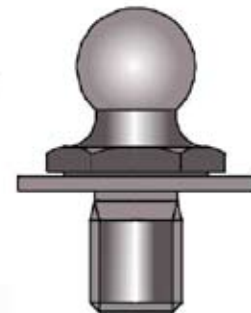


Range

Ball diameter: 5mm to > 20mm
Strength: 8.8, 10.9, 12.9 and specials
Neck diameter: 3,5mm to 12mm
Thread: M5 to M16
Function height: 5mm to 50mm



Ball stud with thread



Ball stud with thread and washer



Rivet ball stud



Weld ball stud