Enabling fracture healing
Simplify the puzzle
The Zimmer® Trabecular Metal™ Humeral Stem provides initial stability and is designed to provide long-term fixation, enabling the healing of challenging fracture cases.

Stable initial tuberosity fixation

- Exceptional initial fixation¹
- High coefficient of friction between Trabecular Metal Material and cancellous bone

Coefficient of Friction
High Friction Implant Stability

Trabecular Metal Technology construct provides better friction against bone when compared to alternative technologies, which increases implant stability.¹ ¹

0.98
Coefficient of Friction
For non-machined surfaces. Reduces risk of early implant motion."
Trabecular Metal Material supports biologic ingrowth to facilitate fracture healing

- Enables vascularization at the fracture site
- Maximizes bone and soft-tissue ingrowth\(^2,3\)
- More normal bone remodeling

Flexibility to reconstruct the anatomical center of rotation and restore normal joint kinematics

- Multiple neck angles and head options to optimize anatomical reconstruction in 95% of patients\(^5\)
- Instrumentation ensures proper stem height and version

Up to 80% Highest Volume of Porosity of any Humeral Stem\(^2,3,4\)
Stable initial tuberosity fixation

*Trabecular Metal* Material supports biologic ingrowth to facilitate fracture healing

Flexibility to reconstruct the anatomical center of rotation and restore normal joint kinematics

References
4. Barbella, M., Materials marvels: titanium is a top choice for implants, but other materials are gaining popularity, *Orthopedic Design & Technology*, September 1, 2008