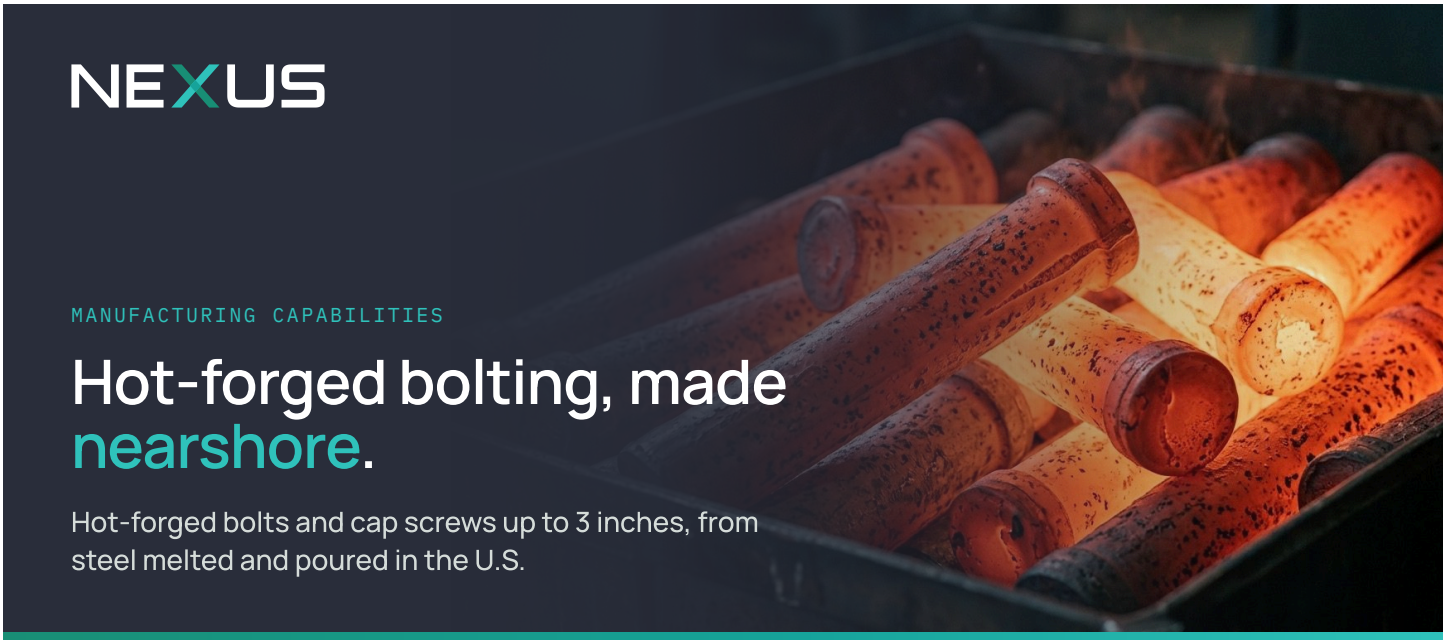
NEXUS



MANUFACTURING CAPABILITIES

Hot-forged bolting, made nearshore.

Hot-forged bolts and cap screws up to 3 inches, from steel melted and poured in the U.S.

1/2″–3″	48″	M16–M72	4–8 WK
DIAMETER RANGE	MAXIMUM LENGTH	METRIC RANGE	STANDARD PRODUCTION

The Capabilities

WHAT NEXUS ABSORBS

In pressure service, where a bolt's steel came from now matters as much as what it costs.

Nexus forges bolts in Mexico, inside its manufacturing network, from U.S.-melted and poured steel, with heat treatment in-house. Finished parts move through a warehouse near Houston, where the cross-border logistics are coordinated. You place one order and receive one documentation package.

01 Forge → 02 Head → 03 Heat-treat → 04 Document → 05 Deliver

The Result

WHAT CUSTOMERS GET

Cost
Nearshore cost on a North American schedule.

Traceability
Heat and lot traceability on every bolt.

Range
Large-diameter specials without an overseas lead time.

Delivery
One delivery path, coordinated from Houston.

The Specs

WHAT WE CAN EXECUTE

PROCESSES	Hot forging, open-die and closed-die; in-house heat treatment; secondary machining
MATERIALS	U.S.-melted and poured steel; melt and country-of-origin documentation on request
STANDARDS	ASTM, IFI and API specifications
LEAD TIME	Four to eight weeks standard; expedited available; stocked items ship from Houston
QUALITY	Heat and lot traceability on every piece.

The Products

TOP 15

01 **Heavy hex bolts, A325 Type 1**
1/2″ to 2″

02 **Heavy hex bolts, A490 Type 1**
1/2″ to 2″

03 **Hex head bolts, B7 and L7**
1/2″ to 1 3/4″

04 **12-point flange bolts**
5/8″ to 2 1/2″

05 **Full threaded rod, B7**
1/2″ to 2″, 39″ lengths

06 **Hex head cap screws, Grade 5**
5/8″ to 3″

07 **Hex head cap screws, Grade 8**
1/2″ to 3″

08 **Socket head bolts**
5/8″ to 2″

09 **Square head bolts**
5/8″ to 1 1/2″

10 **Hex flange bolts**
5/8″ to 3/4″

11 **Metric hex bolts, class 8.8**
M16 to M72

12 **Metric hex bolts, class 10.9 and 12.9**
M16 to M72

13 **Heavy hex nuts, 2H**
1/2″ to 3″

14 **Hardened washers**
1/4″ to 3″

15 **Mill, plow and custom forged parts**
To specification

The Applications

WHERE IT GOES

WELLHEAD BOLTING · VALVE AND PUMP PRESSURE PACKAGES · DRILLING JOINT INTEGRITY · REFINERY TURNAROUND SUPPLY · WIND TOWER AND FOUNDATION BOLTING · STRUCTURAL AND MILL BOLTING

Serves operators, OEMs, EPCs and industrial distribution partners.

Start with one requirement.

Products open the relationship. Execution builds trust. Let us earn the right to do more.

01 Send an active forged bolting RFQ.

02 Test U.S.-melted material on a documented program.

03 Review a turnaround or secondary-source program.

Manufacturing hubs in the United States, Mexico, India and China. Operations Center, Houston.

HOUSTON, TX · 713.282.7440

Capacity, certifications and performance history refer to the designated Nexus manufacturing partner. Documentation available on qualification.