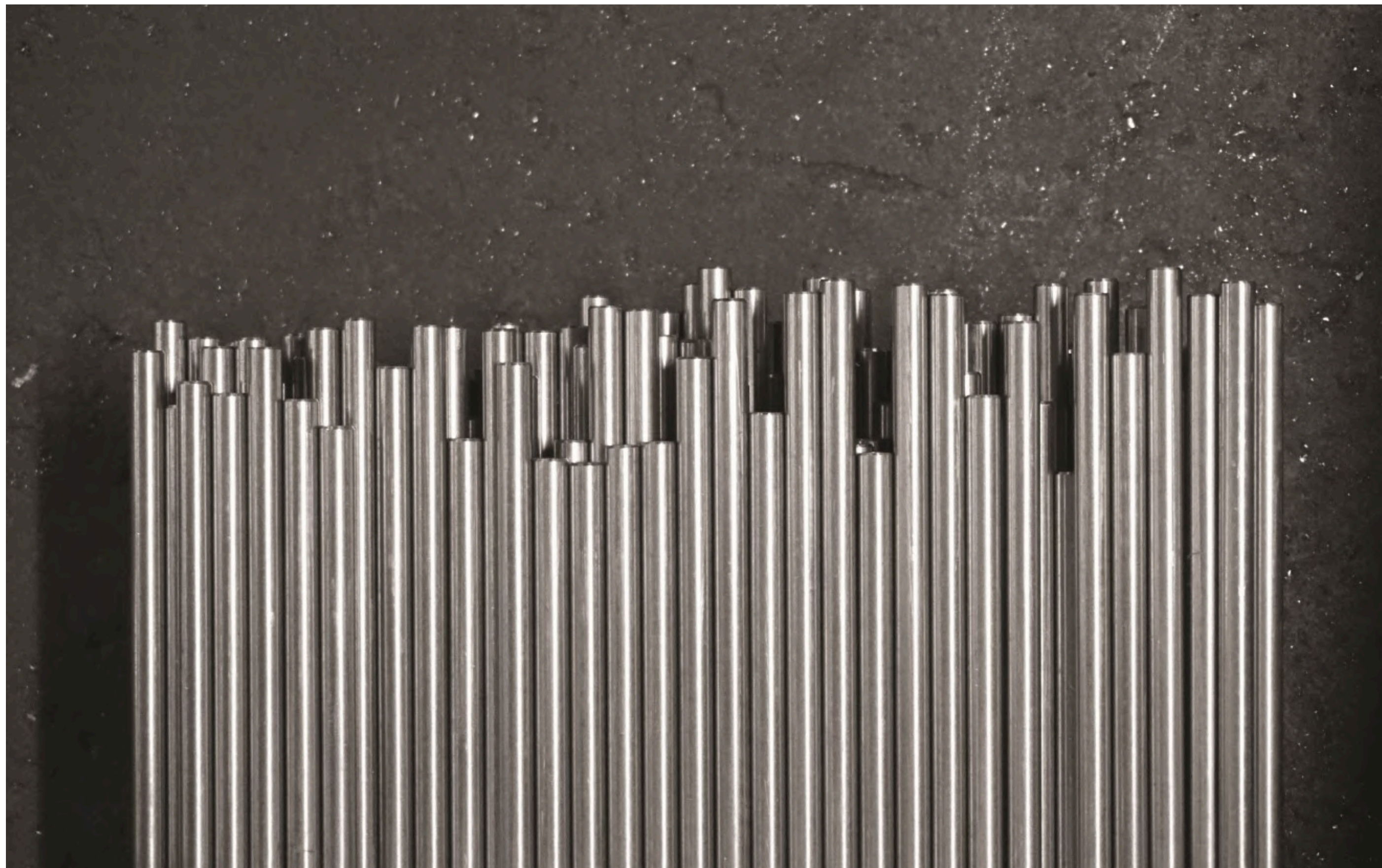


Stainless Steel Dowels

PRODUCT DESCRIPTION

Danterr's Stainless Steel Dowels are engineered to provide superior load transfer across concrete joints while preventing cracking and slab displacement. Manufactured to ASTM A276 (2017), these dowels are available in both 304 and 316 stainless steel grades, with other grades available on request, offering outstanding corrosion resistance, strength, and long-term durability in harsh environments, including marine, industrial, and external infrastructure.

Used widely in pavement, retaining walls, capping beams, culvert bases, bridge structures, tunnel XP & LEP, water-retaining structures, and industrial flooring applications, the dowels allow for controlled movement between concrete slabs without compromising structural integrity. Their cylindrical shape ensures even load distribution, while the stainless composition resists rusting over time.



FEATURES & BENEFITS

- Manufactured from stainless steel to ASTM A276 (2017)
- Available in both 304 and 316 grades for varying levels of corrosion resistance - other grades available on request
- Efficient load transfer across slab joints
- Prevents vertical displacement and cracking
- Long lifespan in corrosive and high-traffic conditions
- Compatible with dowel cradle systems
- Ideal for critical infrastructure and durability-sensitive applications

APPLICATIONS

- Road and pavement joints
- Retaining walls
- Capping beams
- Culvert bases
- Bridge structures
- Tunnel XP & LEP
- Water retaining structures
- Industrial slabs and warehouse flooring
- Marine and corrosive environments

TECHNICAL SPECIFICATIONS

Property	Value
Material Standard	ASTM A276 (2017)
Grade	304 Stainless / 316 Stainless
Surface Finish	Smooth (mill finish)
Diameter Range	16mm to 36mm
Length Range	150mm to 1000mm (stocked, other lengths available on request)
Corrosion Resistance	High (304), Superior (316)
Installation	Cast-in or with dowel cradles
Applications	Load-bearing concrete joints

COMPLIANCE

- ASTM A276 (2017)

STORAGE & HANDLING

- Store in a dry environment to prevent surface contamination
- Avoid stacking without separators to prevent damage
- Handle using appropriate lifting equipment if supplied in bulk

SAFETY

- Product is non-toxic and non-reactive. Use protective gloves during handling to prevent injury from sharp edges.

PACKAGING & AVAILABILITY

304 STAINLESS STEEL DOWELS

Product Code	Description
108534	Dowel R16 x 300mm Stainless 304
111801	Dowel R16 x 400mm Stainless 304
112340	Dowel R16 x 1000mm Stainless 304
107972	Dowel R20 x 300mm Stainless 304
107473	Dowel R20 x 400mm Stainless 304
107539	Dowel R20 x 450mm Stainless 304
107540	Dowel R20 x 600mm Stainless 304
113591	Dowel R25 x 400mm Stainless 304
112435	Dowel R25 x 450mm Stainless 304
112946	Dowel R28 x 600mm Stainless 304
111724	Dowel R28 x 800mm Stainless 304
111776	Dowel R28 x 1000mm Stainless 304
110276	Dowel R30 x 500mm Stainless 304
110984	Dowel R30 x 600mm Stainless 304
110597	Dowel R30 x 800mm Stainless 304
112327	Dowel R36 x 450mm Stainless 304

316 STAINLESS STEEL DOWELS

Product Code	Description
113366	Dowel R20 x 150mm Stainless 316
114556	Dowel R20 x 400mm Stainless 316
111648	Dowel R20 x 450mm Stainless 316
112897	Dowel R20 x 500mm Stainless 316
111275	Dowel R20 x 600mm Stainless 316
109501	Dowel R20 x 800mm Stainless 316
110902	Dowel R30 x 500mm Stainless 316
113429	Dowel R30 x 600mm Stainless 316
111116	Dowel R36 x 450mm Stainless 316
110919	Dowel R36 x 500mm Stainless 316

For custom diameters, lengths, or project-specific stainless steel dowel enquiries, contact **Danterr** at: sales@danterr.com or **1800 262 383**.