



# Tapered Anchor Bolts

## For Fastening Fixtures to Masonry

Lawson Products' Tapered Anchor Bolts, pre-assembled with an expansion nut, offer high-strength performance. They are perfect for a variety of applications such as: guard rails, stadium seating, sign posts, conveyors and other structural fastening.



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### Tapered Anchor Bolts Make The Right Connection:

- Non-protruding, low profile hex head design provides safety
- Bolts are reusable and easy to remove; leaving no stud
- Equal load transfer force is exerted around the anchor to improve vibration resistance
- Required hole size and bolt size are the same so the workpiece can stay in place while drilling



Bolts Can Be Removed & Replaced



Bolt Offers Greater Tensile Strength



Bolts Absorbs Vibrations & Shocks

## Follow these easy installation steps:

### Step 1 - Drill hole same diameter as Tapered Anchor Bolts, using a fixture as a template

- Impact-resistant tungsten carbide tip
- Resists chipping, cracking and shearing under pressure and at high RPM
- Drills any material up to Rc 65 hardness
- Specializes in concrete, flooring and roofing tile, ceramic, marble, steel, wood and multiple material applications such as steel and wood into cement, tile into stucco and cement into brick
- Designed to drill through layers of different materials
- Use for rotary drilling only

### Drill Which Multipurpose Drill Bits

Dia. (Inches)	Flute Length (Inches)	Shank Dia. (Inches)	Overall Length (Inches)	Item No.	Pkg. Qty.
3/8	3-1/2	3/8	5-3/16	60641	1
1/2	3-3/8	3/8	6	60642	1



### Step 2 - Drive Tapered Anchor Bolt into place, leaving recommended head clearance

If hole is oversized, remove the tapered anchor bolt and pre-expand the nut to fit hole.

- Heat-treated, zinc-plated Grade 5 bolt
- Removable and reusable
- No unsightly threads protruding
- Excellent performance in high vibration
- Bolt size is hole size
- Pre-assembled with expansion nut
- Equal force all around
- Other applications: Pallet racking crane rail, tilt wall, machinery and highway safety



### Tapered Anchor Bolts for Masonry

Dia. (Inches)	Length (Inches)	Drill Size (Inches)	Minimum Embedment (Inches)	Head Clearance (Inches)	Ultimate Tensile Strength In 3,000 PSI Concrete (Lb.)	Ultimate Shear Strength In 3,000 PSI Concrete (Lb.)	Required Torque to Set (Ft. Lb.)	Item No.	Pkg. Qty.
3/8	2-1/4	3/8	1-7/8	3/16	4,030	7,177	40	94995	10
	3	3/8	1-7/8	3/16	4,030	7,177	40	94996	10
	4	3/8	1-7/8	3/16	4,030	7,177	40	94997	5
1/2	2-7/8	1/2	2-3/8	1/4	8,165	12,177	90	94998	5
	4	1/2	2-3/8	1/4	8,165	12,177	90	94999	5

Ultimate tensile strength and ultimate shear strength values shown: a 4:1 safety factor is recommended.

### Complete your job with these helpful items

When removal is needed, simply unscrew it. Fill hole with Fixation or Stop-Gap.

#### Fixation Self-Leveling Concrete Patching Compound

Fixation is a special blend of cement, aggregates, modifiers and vinyl esters that is perfect for patching holes, filling cracks, resurfacing spalled concrete, and anchoring bolts or railings.



Container Type	Size (Gal.)	Item No.	Pkg. Qty.
Pail	5	DN4950 05	5 Gal.

#### Stop-Gap Flexible Sealant and Flashing Compound

Highly elastic one-part sealant sticks to almost any dry surface. New technology combines the benefits of silicone (superior UV-resistance) with those of polyurethane (paintable and excellent adhesion). Excellent adhesion to aluminum, brass, steel, tin, concrete, mortar, glass, tile, fiberglass, PVC and plywood.



Size (Oz.)	Color	Item No.	Pkg. Qty.
10.0	Clear	DN4630	6

#### Ball Pein Hammer

- Rugged drop-forged carbon steel head is heat-treated for durability and safety
- Fiberglass handle adds strength and moisture resistance
- For forming, softening or bending steel



Head Weight (Oz.)	Grip Style	Item No.	Pkg. Qty.
16	Standard Grip	27845	1

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