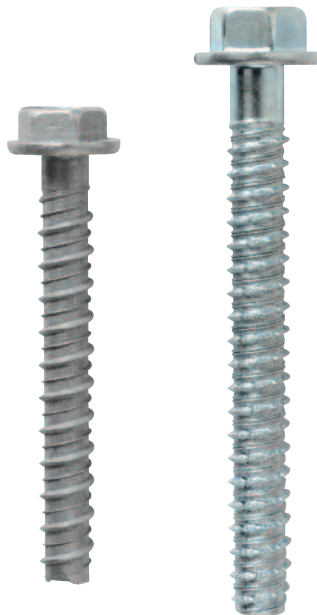


RED HEAD Large Diameter Tapcon (LDT)

Issue: Many anchors require special drill bits or tools for installation, extended working time for proper cure, and cannot be easily removed once installed.

Application: Pallet racking, shelving, conveyors, and other material handling applications often require several removable, finished-head anchors that can be quickly and easily installed

Solution: Grainger offers the RED HEAD Large Diameter Tapcon (LDT) in 3/8", 1/2", 5/8", and 3/4" diameters in a variety of lengths for quick and easy installation and removal.



Product Features & Benefits:

Fast Installation:

- Installs in less than half the time of wedge or adhesive anchors
- Simply drill a pilot hole with a standard bit and drive with a socket or impact wrench (some sizes can be installed by hand in both hollow and grout-filled concrete block)
- Dramatically reduces installation labor
- Patented Sawtooth™ threads allow easy installation for larger (5/8" and 3/4") diameter anchors

Easily Removed:

- No torching or grinding required to remove anchors
- Easy replacement lowers maintenance costs
- Re-usable (in same hole only)

Finished Head:

- Anti-rotation serrations on the washer prevent backout
- The head of each anchor is stamped with a length identification code for easy inspection
- Absence of exposed threads on warehouse floors eliminates damage to fork lift tires

Approvals/Listings:

- Miami-Dade County – #04-1025.08
- Florida Building Code

RED HEAD Large Diameter Tapcon (LDT)

LDT Large Diameter Tapcon

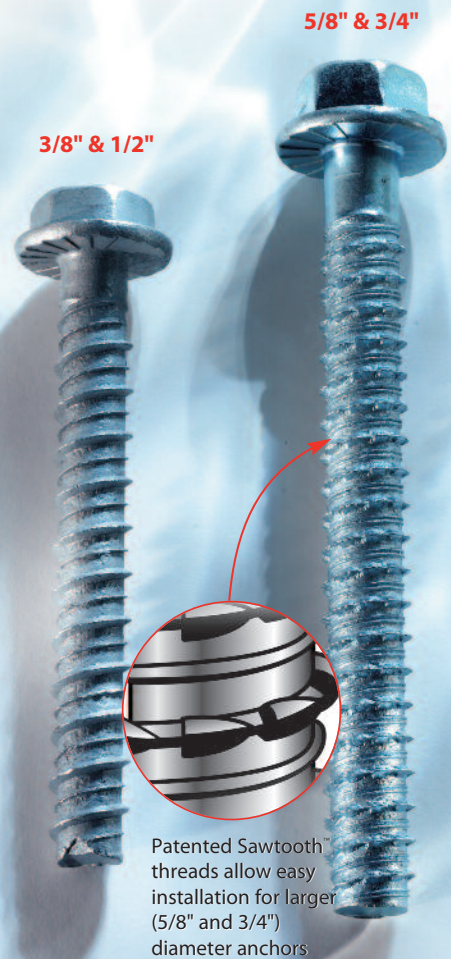
SELF-THREADING ANCHOR

The high performance concrete anchor that cuts its own threads!

Selection Chart

LDT Carbon Steel with Zinc Plating

RED HEAD PART NUMBER	GRAINGER PART NUMBER	ANCHOR DIAMETER		SOCKET SIZE	DRILL BIT DIAMETER		EFFECTIVE LENGTH		MAX. THICKNESS OF MATERIAL TO BE FASTENED		QTY/WT PER BOX lbs.	QTY/WT PER MASTER CARTON lbs.
		in.	(mm)		in.	(mm)	in.	(mm)	in.	(mm)		
LDT-3816	4BU93	3/8	(9.5)	9/16	5/16	(7.9)	1-3/4	(44.5)	1/4	(6.4)	50 / 3.0	400 / 24.0
LDT-3824	4BU94	3/8	(9.5)		5/16	(7.9)	2-1/2	(63.5)	1	(25.4)	50 / 4.5	400 / 34.0
LDT-3830	4BU95	3/8	(9.5)		5/16	(7.9)	3	(76.2)	1-1/2	(38.1)	50 / 5.0	400 / 40.0
LDT-3840	4BU96	3/8	(9.5)		5/16	(7.9)	4	(101.6)	2-1/2	(63.5)	50 / 6.5	400 / 52.0
LDT-3850	4BU97	3/8	(9.5)		5/16	(7.9)	5	(127.0)	3-1/2	(89.0)	40 / 7.5	320 / 60.0
LDT-1230	4BU98	1/2	(12.7)	3/4	7/16	(11.1)	3	(76.2)	1/2	(12.7)	25 / 4.5	150 / 27.0
LDT-1240	4BU99	1/2	(12.7)		7/16	(11.1)	4	(101.6)	1-1/2	(38.1)	25 / 6.0	150 / 36.6
LDT-1250	4BY10	1/2	(12.7)		7/16	(11.1)	5	(127.0)	2-1/2	(63.5)	25 / 7.6	150 / 45.6
LDT-1260	4BY11	1/2	(12.7)		7/16	(11.1)	6	(152.4)	4	(101.6)	20 / 9.0	120 / 54.0
LDT-5830	4BY12	5/8	(15.9)	13/16	1/2	(12.7)	3	(76.2)	1/4	(6.4)	10 / 3.5	100 / 35.0
LDT-5840	4BY13	5/8	(15.9)		1/2	(12.7)	4	(101.6)	1-1/4	(31.8)	10 / 4.0	100 / 40.0
LDT-5850	4BY14	5/8	(15.9)		1/2	(12.7)	5	(127.0)	2-1/4	(57.1)	10 / 4.7	100 / 47.0
LDT-5860	4BY15	5/8	(15.9)	1/2	(12.7)	6	(152.4)	3-1/4	(82.6)	10 / 5.4	50 / 27.0	
LDT-3444	4BY16	3/4	(19.1)	15/16	5/8	(15.9)	4-1/2	(114.3)	1-1/4	(31.8)	10 / 7.4	50 / 37.0
LDT-3454	4BY17	3/4	(19.1)		5/8	(15.9)	5-1/2	(139.7)	2-1/4	(57.1)	10 / 8.1	50 / 40.5
LDT-3462	4BY18	3/4	(19.1)		5/8	(15.9)	6-1/4	(158.8)	3	(76.2)	10 / 9.1	30 / 27.3



Patented Sawtooth threads allow easy installation for larger (5/8" and 3/4") diameter anchors

FINISHED HEX WASHER HEAD
"ANTI-ROTATION" SERRATED WASHER



THE ANCHOR HEAD IS STAMPED WITH A CODE FOR EASY IDENTIFICATION FOR POST INSTALLATION INSPECTION



Close edge/spacing distance

- equals performance of adhesive anchors
- higher loads at shallow embedments

Saves time

- Installs in less than half the time of wedge or adhesive anchors
- Simply drill a pilot hole with a standard bit and drive the LDT anchor
- Dramatically reduces installation labor

THE LDT'S FINISHED HEAD AND LACK OF EXPOSED THREADS VIRTUALLY ELIMINATES TIRE DAMAGE TO FORK LIFT TRUCKS

