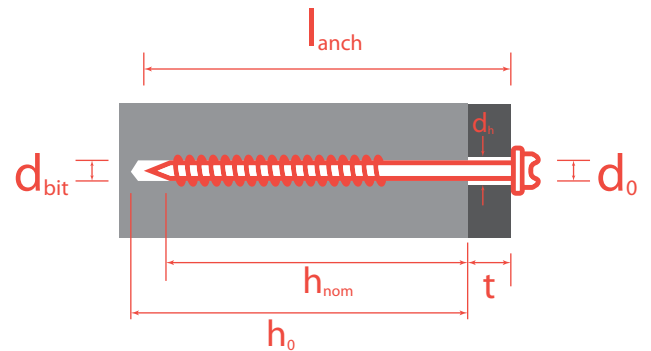
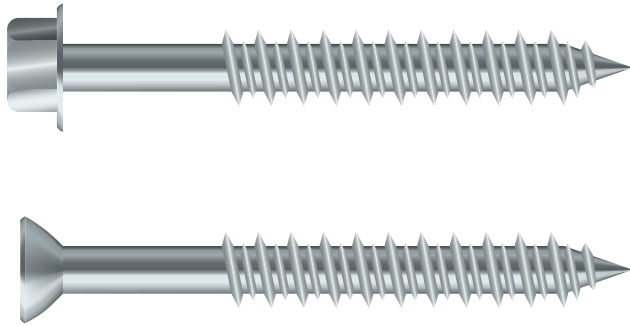


# TAP-X SCREWS

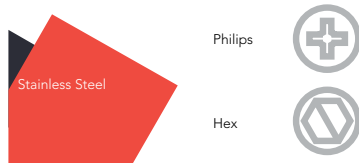
Product Code: TX various  
304/410 Stainless Steel



## BASE MATERIAL

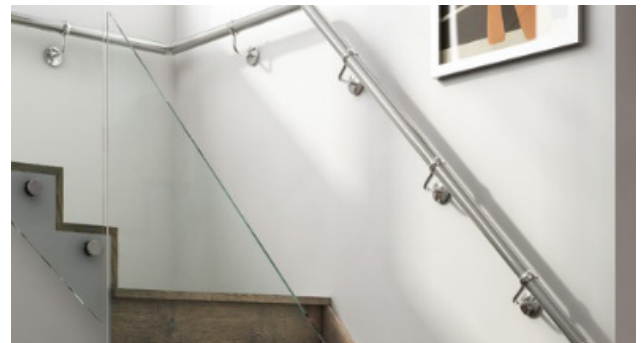
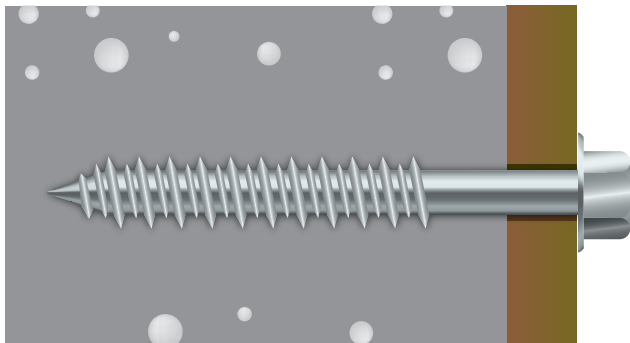


## HEAD TYPES



## APPLICATIONS

- Light Duty Fixtures
- Marine Applications
- Storm Shutters
- Exterior Applications
- Waste and Water Treatment Plants
- Light Duty Industrial Applications
- Screened enclosures



## PRODUCT DESCRIPTION

NEXUS TAP-X screw range is specified for light to medium duty applications in various materials such as Concrete, Masonry Block, Brick and Wood. It is easy to install as no hole spotting is required due to the tip technology. Setting Tool provided ensures the user gains optimum performance when installing.

- Available in 410 and 304 Stainless Steel.
- Available in 2 Head types - Hex and Philips.
- No expansion forces so can be used close to edges.
- No hole spotting required.
- Thread design gives higher grip and minimises movement of screw.

## INSTALLATION SPECIFICATIONS

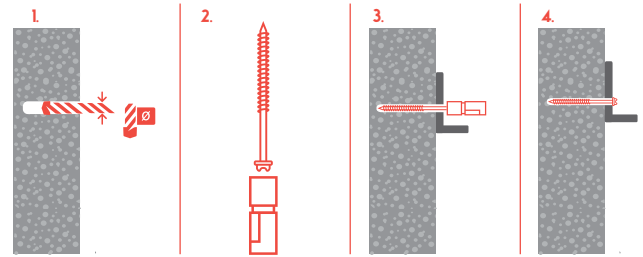
### TAP-X 304 Stainless Steel

DIMENSIONS	ANCHOR DIAMETER	
	1/4" HEX	1/4" PH
TAP-X DRILL BIT SIZE (IN)	3/16	3/16
FIXTURE CLEARANCE HOLE (IN)	5/16	5/16
THREAD SIZE (UNC)	1/4-14	1/4-14
HEAD HEIGHT (IN)	9/64	3/16
HEAD WIDTH (IN)	5/16	1/2 O.D
WASHER O.D (IN)	13/32	N/A
WASHER THICKNESS (IN)	1/32	N/A
HEX DRIVER (IN) / PHILLIPS DRIVER	3/8	#3

### TAP-X 410 Stainless Steel

DIMENSIONS	ANCHOR DIAMETER	
	1/4" HEX	1/4" PH
TAP-X DRILL BIT SIZE (IN)	3/16	3/16
FIXTURE CLEARANCE HOLE (IN)	5/16	5/16
THREAD SIZE (UNC)	1/4-14	1/4-14
HEAD HEIGHT (IN)	9/64	3/16
HEAD WIDTH (IN)	5/16	1/2 O.D
WASHER O.D (IN)	13/32	N/A
WASHER THICKNESS (IN)	1/32	N/A
HEX DRIVER (IN) / PHILLIPS DRIVER	3/8	#3

## INSTALLATION DRAWINGS



1. Drill hole into the base material to required depth.
2. Place TAP-X screw into setting tool provided.
3. Using a powered impact wrench which does not exceed the maximum torque as selected for each anchor diameter. Mount the hex socket/setting tool onto the screw anchor and drive into the hole until the head of the anchor comes into contact with the surface of the fixture.
4. Ensure the anchor is tight against the fixture. Do not spin the hex socket/setting tool of the anchor to disengage.

## PERFORMANCE DATA

Ultimate loading capacities NEXUS for TAP-X Stainless Steel Screw Anchors in Standard Concrete

NOMINAL ANCHOR DIAMETER (IN)	ANCHOR MATERIAL	MINIMUM EMBEDMENT DEPTH H <sub>NOM</sub> (IN)	MINIMUM CONCRETE COMPRESSIVE STRENGTH							
			F (SMALL 1) = 2,000 PSI		F (SMALL 1) = 3,000 PSI		F (SMALL 1) = 4,000 PSI		F (SMALL 1) = 6,000 PSI	
			ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)
1/4 (6.4)	TYPE 304 STAINLESS STEEL	1 (25.4)	500 (2.3)	1,180 (5.3)	600 (2.7)	1,180 (5.3)	700 (3.2)	1,180 (5.3)	700 (3.2)	1,180 (5.3)
		1-1/4 (31.8)	855 (3.8)	1,265 (5.7)	855 (3.8)	1,265 (5.7)	1,015 (4.6)	1,340 (6.0)	1,320 (5.9)	1,340 (6.0)
		1-1/2 (38.1)	1,140 (5.1)	1,340 (6.0)	1,220 (5.6)	1,340 (6.0)	1,340 (6.0)	1,320 (5.9)	1,580 (7.1)	1,340 (6.0)
		1-3/4 (44.5)	1,140 (5.1)	1,640 (5.1)	1,520 (6.8)	1,640 (7.4)	1,580 (7.1)	1,640 (7.4)	1,580 (7.1)	1,640 (7.4)
1/4 (6.4)	TYPE 410 STAINLESS STEEL	1-1/4 (31.8)	-	-	2,160 (9.6)	2,420 (10.8)	2,160 (9.6)	2,420 (10.8)	-	-
		1-3/4 (44.5)	-	-	2,430 (10.8)	2,420 (10.8)	2,430 (10.8)	2,420 (10.8)	-	-

Calculated loadings are for installation into concrete. Material compression strengths must be specified minimum at the time of installation. Ultimate loads should be reduced by a safety factor of 4.0 to give an allowable working load.








## PERFORMANCE DATA

Ultimate loading capacities NEXUS for TAP-X Stainless Steel Screw Anchors in Standard Concrete

NOMINAL ANCHOR DIAMETER (IN)	ANCHOR MATERIAL	MINIMUM EMBEDMENT DEPTH H <sub>NOM</sub> (IN)	MINIMUM CONCRETE COMPRESSIVE STRENGTH							
			F (SMALL 1) = 2,000 PSI		F (SMALL 1) = 3,000 PSI		F (SMALL 1) = 4,000 PSI		F (SMALL 1) = 6,000 PSI	
			ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)
1/4 (6.4)	TYPE 304 STAINLESS STEEL	1 (25.4)	125 (0.6)	395 (0.7)	150 (0.7)	295 (1.3)	175 (0.8)	295 (1.3)	175 (0.8)	295 (1.3)
		1-1/4 (31.8)	215 (1.0)	315 (1.4)	215 (1.0)	315 (1.4)	255 (1.1)	335 (1.5)	305 (1.5)	335 (1.5)
		1-1/2 (38.1)	285 (1.3)	335 (1.3)	305 (1.4)	335 (1.5)	330 (1.5)	335 (1.5)	330 (1.5)	335 (1.5)
		1-3/4 (44.5)	360 (1.6)	410 (1.6)	380 (1.7)	410 (1.8)	395 (1.8)	410 (1.8)	395 (1.8)	410 (1.8)
1/4 (6.4)	TYPE 410 STAINLESS STEEL	1-1/4 (31.8)	-	-	540 (2.4)	605 (2.7)	540 (2.4)	605 (2.7)	-	-
		1-3/4 (44.5)	-	-	608 (2.7)	605 (2.7)	608 (2.7)	605 (2.7)	-	-

Calculated allowable loads have a safety factor of 4.0 applied.

## ORDERING INFORMATION

PRODUCT REFERENCE STAINLESS STEEL 304	PRODUCT REFERENCE STAINLESS STEEL 410	ANCHOR DIAMETER	ANCHOR LENGTH	FIXTURE CLEARANCE	THREAD SIZE (UNC)	HEX DRIVER	BOX PACKING	CARTON PACKING
								

### TAP-X - HEX HEAD






TX0100500010	TX0100600010	1/4	1 1/4	5/16	1/4-15	5/16	100	500
TX0100500020	TX0100600020	1/4	1 3/4	5/16	1/4-15	5/16	100	500
TX0100500030	TX0100600030	1/4	2 1/4	5/16	1/4-15	5/16	100	500
TX0100500040	TX0100600040	1/4	2 3/4	5/16	1/4-15	5/16	100	500

### TAP-X - PHILLIPS FLAT HEAD



TX0100900010	TX0101000010	1/4	1 1/4	5/16	1/4-15	#3	100	500
TX0100900020	TX0101000020	1/4	1 3/4	5/16	1/4-15	#3	100	500
TX0100900030	TX0101000030	1/4	2 1/4	5/16	1/4-15	#3	100	500
TX0100900040	TX0101000040	1/4	2 3/4	5/16	1/4-15	#3	100	500

PRODUCT REFERENCE	MAX SCREW LENGTH	MAX BIT LENGTH	FOR USE WITH:	BOX PACKING
				

### TAP-X INSTALLATION KIT

TX0101100010	4"	5 - 1/2	All TAP X Anchors	1
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