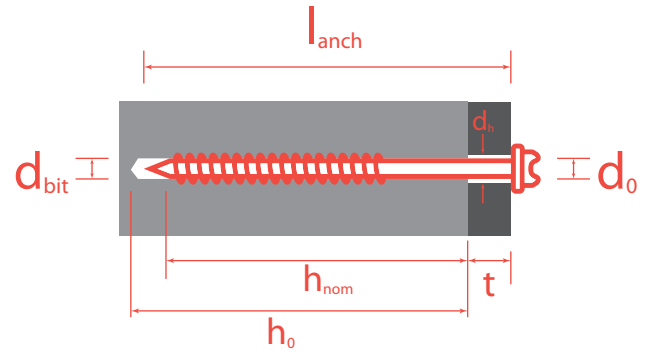
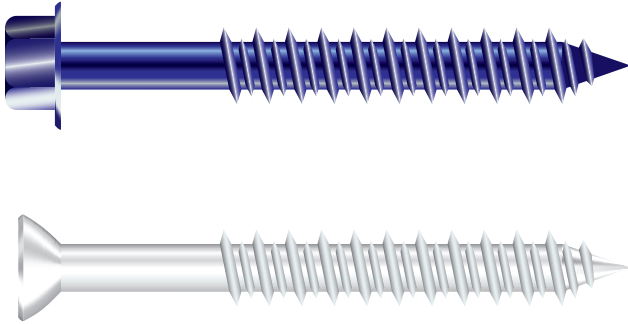


TAP-X SCREWS

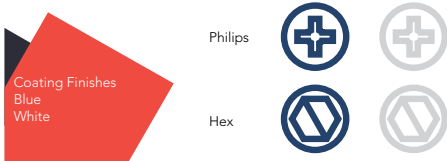
Product Code: TX various



BASE MATERIAL

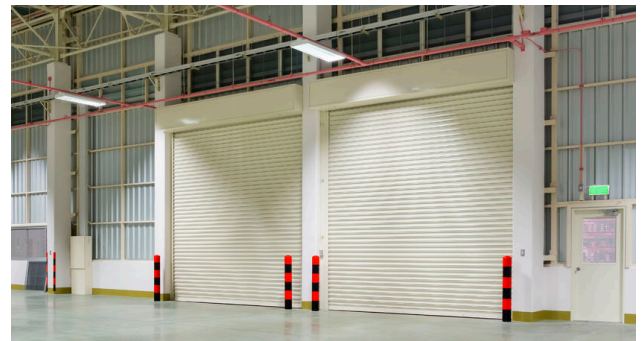
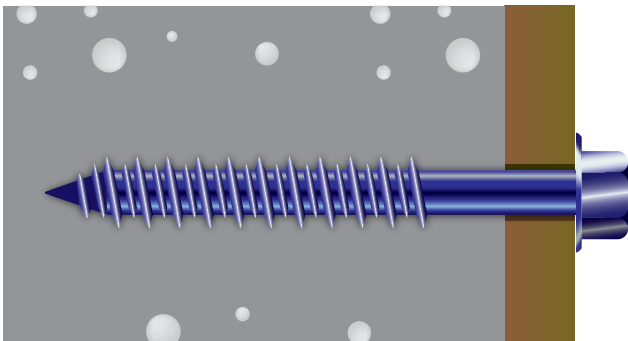


HEAD TYPES



APPLICATIONS

- Metal Door Frames
- Window Installations
- Shutters
- Joint Flashings
- Interior hand rails
- Interior lighting
- 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 various colours and finishes and materials.
- Removable. Can be re-used in wood.
- No expansion forces so can be used close to edges.
- No hole spotting required.
- Corrosion protection with perma-seal coating
- Thread design gives higher grip and minimises movement of screw.

INSTALLATION SPECIFICATIONS

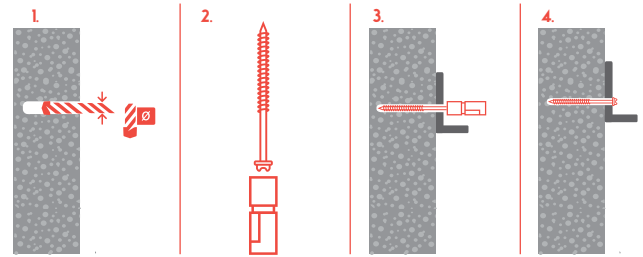
Tap-X Hex Head

DIMENSIONS	ANCHOR DIAMETER		
	3/16"	1/4"	5/16"
TAP-X DRILL BIT SIZE (IN)	5/32	3/16	1/4
FIXTURE CLEARANCE HOLE (IN)	1/4	5/16	5/16
HEAD HEIGHT (IN)	7/64	9/64	1/4
HEX HEAD WRENCH/ SOCKET SIZE	1/4	5/16	5/16
WASHER O.D (IN)	11/32	13/32	9/16
WASHER THICKNESS (IN)	1/32	1/32	1/16

Tap-X Phillips Head

DIMENSIONS	ANCHOR DIAMETER		
	3/16"	1/4"	5/16"
TAP-X DRILL BIT SIZE (IN)	5/32	3/16	1/4
FIXTURE CLEARANCE HOLE (IN)	1/4	5/16	5/16
PHILLIPS HEAD O.D (IN)	3/8	1/2	9/16
PHILLIPS HEAD HEIGHT (IN)	9/64	3/16	9/32
PHILLIPS BIT SIZE (NO.)	2	3	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 Perma Coated Screw Anchors in Standard Concrete.

NOMINAL ANCHOR DIAMETER (IN)	ANCHOR MATERIAL	MINIMUM EMBEDMENT DEPTH H _{NOM} (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.)
3/16 (4.8)	CARBON STEEL PERMA-COATED	1 (25.4)	160 (0.7)	700 (3.2)	260 (1.2)	700 (1.2)	360 (1.6)	700 (3.2)	360 (1.6)	700 (3.2)
		1 1/4 (31.8)	520 (2.3)	840 (3.8)	610 (2.7)	800 (4.0)	695 (3.1)	920 (4.1)	695 (3.1)	920 (4.1)
		1 3/8 (34.9)	700 (3.2)	910 (4.1)	780 (3.5)	900 (4.1)	855 (3.8)	920 (4.1)	855 (4.8)	920 (4.1)
		1 1/2 (38.1)	720 (3.2)	920 (4.1)	860 (3.9)	920 (3.9)	1,020 (4.6)	920 (4.1)	1,020 (4.6)	920 (4.1)
		1 3/4 (31.8)	1,000 (4.5)	920 (4.2)	1,120 (5.0)	940 (4.2)	1,260 (5.6)	940 (4.2)	1,260 (5.6)	940 (4.2)
1/4 (6.4)	CARBON STEEL PERMA-COATED	1 (25.4)	620 (2.8)	820 (3.7)	840 (3.8)	820 (3.7)	1,060 (4.8)	820 (3.7)	1,060 (4.8)	820 (3.7)
		1 1/4 (31.8)	810 (3.6)	1,130 (5.1)	1,080 (4.9)	1,275 (5.7)	1,345 (6.1)	1,420 (6.4)	1,345 (6.1)	1,420 (6.4)
		1 3/8 (34.9)	905 (4.1)	1,280 (5.8)	1,195 (5.4)	1,350 (6.1)	1,485 (6.7)	1,420 (6.7)	1,485 (6.7)	1,420 (6.4)
		1 1/2 (38.1)	1,000 (4.5)	1,420 (6.4)	1,300 (5.9)	1,420 (6.4)	1,620 (7.3)	1,420 (6.4)	1,620 (7.3)	1,420 (6.4)
		1 3/4 (44.5)	1,620 (7.3)	1,480 (6.7)	1,680 (7.6)	1,480 (6.7)	1,740 (7.8)	1,480 (6.7)	1,740 (7.8)	1,480 (6.7)

PERFORMANCE DATA CONT...

Allowable loading capacities NEXUS for TAP-X Perma Coated Screw Anchors in Standard Concrete.

NOMINAL ANCHOR DIAMETER (IN)	ANCHOR MATERIAL	MINIMUM EMBEDMENT DEPTH HNOM (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.)
3/16 (4.8)	CARBON STEEL PERMA-COATED	1 (25.4)	40 (0.2)	175 (0.8)	65 (0.3)	175 (0.8)	90 (0.4)	175 (0.8)	90 (0.4)	175 (0.8)
		1 1/4 (31.8)	130 (0.6)	210 (0.9)	155 (0.7)	220 (1.0)	175 (0.8)	230 (1.0)	175 (0.8)	230 (1.0)
		1 3/8 (34.9)	175 (0.8)	230 (1.0)	195 (0.9)	225 (1.0)	215 (1.0)	230 (1.0)	215 (1.0)	230 (1.0)
		1 1/2 (38.1)	180 (0.8)	230 (1.0)	215 (1.0)	230 (1.0)	255 (1.1)	230 (1.0)	255 (1.1)	230 (1.0)
		1 3/4 (31.8)	250 (1.1)	235 (1.1)	280 (1.2)	235 (1.1)	315 (1.4)	235 (1.1)	315 (1.4)	235 (1.1)
1/4 (6.4)	CARBON STEEL PERMA-COATED	1 (25.4)	155 (0.7)	205 (0.9)	210 (0.9)	205 (0.9)	265 (1.2)	205 (0.9)	265 (1.2)	205 (0.9)
		1 1/4 (31.8)	205 (0.9)	285 (1.3)	270 (1.2)	320 (1.4)	335 (1.5)	355 (1.6)	335 (1.5)	355 (1.6)
		1 3/8 (34.9)	225 (1.0)	320 (1.4)	300 (1.4)	340 (1.5)	370 (1.7)	355 (1.6)	370 (1.7)	355 (1.6)
		1 1/2 (38.1)	250 (1.1)	355 (1.6)	325 (1.5)	355 (1.6)	405 (1.8)	355 (1.6)	405 (1.8)	355 (1.6)
		1 3/4 (44.5)	405 (1.8)	370 (1.7)	420 (1.9)	370 (1.7)	435 (2.0)	370 (1.7)	435 (2.0)	370 (1.7)

STRENGTH DESIGN PERFORMANCE DATA

Ultimate and recommended load capacities of the NEXUS Tap-X Screws.

NOMINAL ANCHOR DIAMETER (IN)	NOMINAL EMBEDMENT HNOM (IN)	MINIMUM CONCRETE COMPRESSIVE STRENGTH									
		F (SMALL 1) = 2,500 PSI		F (SMALL 1) = 3,000 PSI		F (SMALL 1) = 4,000 PSI		F (SMALL 1) = 6,000 PSI		F (SMALL 1) = 8,000 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.)	ØNN TENSION (LBS.)	ØVN SHEAR (LBS.)
3/16	1-3/4	415	485	435	485	475	485	535	485	585	485
1/4	1-3/4	610	710	655	710	735	710	865	710	975	710
5/16	1-7/8	900	850	985	930	1,140	1,075	1,395	1,315	1,610	1,485

- Steel strength controls
- Concrete breakout strength controls
- Anchor pullout strength controls

ORDERING INFORMATION

PRODUCT REFERENCE BLUE	PRODUCT REFERENCE WHITE	ANCHOR DIAMETER	ANCHOR LENGTH	FIXTURE CLEARANCE	THREAD SIZE (UNC)	HEX DRIVER	BOX PACKING	CARTON PACKING
								

TAP-X - HEX HEAD



TX0100100010	TX0100300010	3/16	1 1/4	1/4	11-16	1/4	100	500
TX0100100020	TX0100300020	3/16	1 3/4	1/4	11-16	1/4	100	500
TX0100100030	TX0100300030	3/16	2 1/4	1/4	11-16	1/4	100	500
TX0100100040	TX0100300040	3/16	2 3/4	1/4	11-16	1/4	100	500
TX0100100050	TX0100300050	3/16	3 1/4	1/4	11-16	1/4	100	500
TX0100100060	TX0100300060	3/16	3 3/4	1/4	11-16	1/4	100	500
TX0100100070	TX0100300070	3/16	4	1/4	11-16	1/4	100	500
TX0100100080	TX0100300080	1/4	1 1/4	5/16	1/4-15	5/16	100	500
TX0100100090	TX0100300090	1/4	1 3/4	5/16	1/4-15	5/16	100	500
TX0100100100	TX0100300100	1/4	2 1/4	5/16	1/4-15	5/16	100	500
TX0100100110	TX0100300110	1/4	2 3/4	5/16	1/4-15	5/16	100	500
TX0100100120	TX0100300120	1/4	3 1/4	5/16	1/4-15	5/16	100	500
TX0100100130	TX0100300130	1/4	3 3/4	5/16	1/4-15	5/16	100	500
TX0100100140	TX0100300140	1/4	4	5/16	1/4-15	5/16	100	500

TAP-X - PHILLIPS FLAT HEAD



TX0100500010	TX0100700010	3/16	1 1/4	1/4	11-16	#2	100	500
TX0100500020	TX0100700020	3/16	1 3/4	1/4	11-16	#2	100	500
TX0100500030	TX0100700030	3/16	2 1/4	1/4	11-16	#2	100	500
TX0100500040	TX0100700040	3/16	2 3/4	1/4	11-16	#2	100	500
TX0100500050	TX0100700050	3/16	3 1/4	1/4	11-16	#2	100	500
TX0100500060	TX0100700060	3/16	3 3/4	1/4	11-16	#2	100	500
TX0100500070	TX0100700070	3/16	4	1/4	11-16	#2	100	500
TX0100500080	TX0100700080	1/4	1 1/4	5/16	1/4-15	#3	100	500
TX0100500090	TX0100700090	1/4	1 3/4	5/16	1/4-15	#3	100	500
TX0100500100	TX0100700100	1/4	2 1/4	5/16	1/4-15	#3	100	500
TX0100500110	TX0100700110	1/4	2 3/4	5/16	1/4-15	#3	100	500
TX0100500120	TX0100700120	1/4	3 1/4	5/16	1/4-15	#3	100	500
TX0100500130	TX0100700130	1/4	3 3/4	5/16	1/4-15	#3	100	500
TX0100500140	TX0100700140	1/4	4	5/16	1/4-15	#3	100	500
TX0100500150	TX0100700150	1/4	5	5/16	1/4-15	#3	100	500
TX0100500160	TX0100700160	1/4	6	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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