

# Anchoring Selection Chart

Anchor Selection Chart		Adhesive Anchors			Screw Anchors		Expansion Anchors		
		A7+	C6+	G5+	LDT	Tapcon	Torque-Set		Hammer-Set
							Trubolt	Dynabolt	Drop-In
Base Material	Uncracked Concrete	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	DROP
	Cracked Concrete	A7+	C6+	G5+					
	Lightweight Concrete	A7+	C6+	G5+		TAP	TRU	DYNA	DROP
	Lightweight Concrete on Metal Deck				LDT		TRU		DROP
	Hollow Core Concrete								DROP
	Grout Filled Concrete Block	A7+	C6+		LDT			DYNA	
	Hollow Concrete Block	A7+	C6+		LDT	TAP		DYNA	
	Solid Brick	A7+	C6+						
Drywall									
Hole Conditions	Oversized Holes	A7+	C6+						
	Water Saturated Concrete	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	DROP
	Water-filled Holes	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	DROP
	Submerged	A7+	C6+	G5+					
	No Hole Cleaning Procedures								
Application Requirements	Through Fixture Fastening	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	
	Immediate Loading				LDT	TAP	TRU	DYNA	DROP
	Finished Head or Flush Surface				LDT	TAP		DYNA	DROP
	Easy to Remove				LDT	TAP			
	Seismic	A7+	C6+	G5+					
	Cyclic Loading	A7+	C6+	G5+			TRU		
	High Temperature Resistance	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	DROP
	Sustained Load	A7+	C6+	G5+	LDT	TAP	TRU	DYNA	DROP
Corrosion Resistance	Zinc Plated	A7+	C6+	G5+			TRU	DYNA	DROP
	Hot-Dipped Galvanized	A7+	C6+	G5+			TRU		
	304 Stainless Steel	A7+	C6+	G5+			TRU	DYNA	
	316 Stainless Steel	A7+	C6+	G5+			TRU		DROP
	410 Stainless Steel	A7+	C6+	G5+	LDT	TAP			
	Trade Secret Coating				LDT	TAP			
Anchor Diameters	3/16"					TAP			
	1/4"	A7+				TAP	TRU	DYNA	DROP
	5/16"					TAP		DYNA	
	3/8"	A7+	C6+	G5+	LDT		TRU	DYNA	DROP
	1/2"	A7+	C6+	G5+	LDT		TRU	DYNA	DROP
	5/8"	A7+	C6+	G5+	LDT		TRU	DYNA	DROP
	3/4"	A7+	C6+	G5+	LDT		TRU	DYNA	DROP
	7/8"	A7+	C6+	G5+					
	1"	A7+	C6+	G5+			TRU		
	1-1/4"	A7+	C6+	G5+					
	Rebar Sizes	#3-11	#3-11	#3-10					
At 70°F	Working Time (minutes)	5	16	16					
	Cure Time (minutes)	45	390	480					