

Anchoring Selection Chart

Anchor Selection Chart		Adhesive Anchors		Screw Anchors	Expansion Anchors		
		A7+	C6+	Tapcon	Torque-Set		Hammer-Set
					Trubolt	Dynabolt	Drop-In
Base Material	Uncracked Concrete	A7+	C6+	TAP	TRU	DYNA	DROP
	Cracked Concrete	A7+	C6+				
	Lightweight Concrete			TAP	TRU	DYNA	DROP
	Lightweight Concrete on Metal Deck				TRU		DROP
	Hollow Core Concrete						DROP
	Grout Filled Concrete Block	A7+	C6+			DYNA	
	Hollow Concrete Block	A7+	C6+	TAP		DYNA	
	Solid Brick	A7+	C6+	TAP			
Hole Conditions	Oversized Holes		C6+				
	Water Saturated Concrete	A7+	C6+	TAP	TRU	DYNA	DROP
	Water-filled Holes	A7+	C6+	TAP	TRU	DYNA	DROP
	Submerged	A7+	C6+				
Application Requirements	Through Fixture Fastening	A7+	C6+	TAP	TRU	DYNA	
	Immediate Loading			TAP	TRU	DYNA	DROP
	Finished Head or Flush Surface			TAP		DYNA	DROP
	Easy to Remove			TAP			
	Seismic	A7+	C6+				
	Cyclic Loading	A7+	C6+		TRU		
	High Temperature Resistance	A7+	C6+	TAP	TRU	DYNA	DROP
	Sustained Load	A7+	C6+	TAP	TRU	DYNA	DROP
Corrosion Resistance	Zinc Plated	A7+	C6+		TRU	DYNA	DROP
	Hot-Dipped Galvanized	A7+	C6+		TRU		
	304 Stainless Steel	A7+	C6+		TRU	DYNA	
	316 Stainless Steel	A7+	C6+		TRU		DROP
	410 Stainless Steel	A7+	C6+	TAP			
	Trade Secret Coating			TAP			
Anchor Diameters	3/16"			TAP			
	1/4"	A7+		TAP	TRU		DROP
	5/16"			TAP		DYNA	
	3/8"	A7+	C6+		TRU	DYNA	DROP
	1/2"	A7+	C6+		TRU	DYNA	DROP
	5/8"	A7+	C6+		TRU	DYNA	DROP
	3/4"	A7+	C6+		TRU		DROP
	7/8"	A7+	C6+				
	1"	A7+	C6+		TRU		
	1-1/4"	A7+	C6+				
	Rebar Sizes	#3-11	#3-11				
At 70°F	Working Time (minutes)	5	16				
	Cure Time (minutes)	45	390				