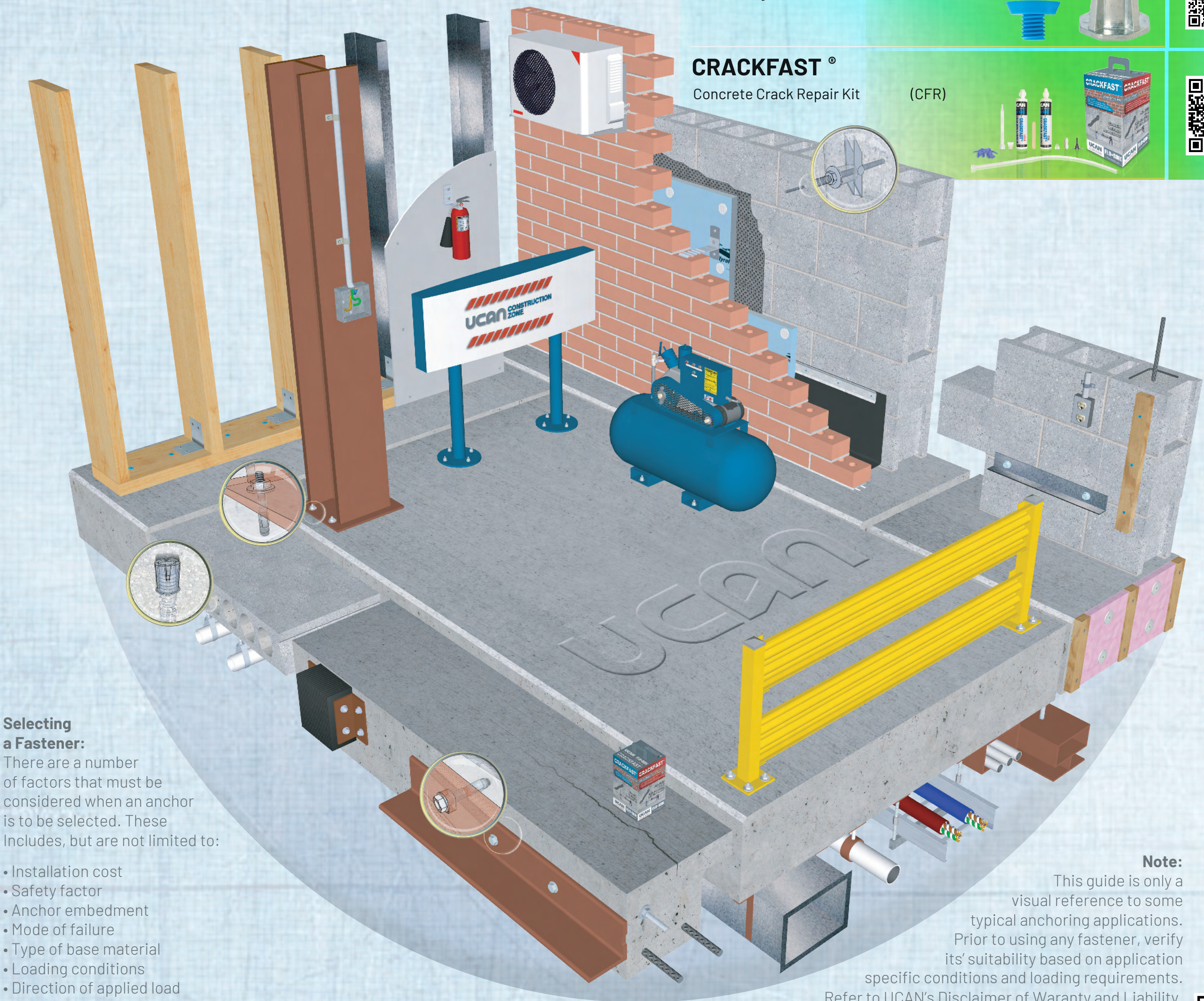


# UCAN

## FASTENING PRODUCTS

### ANCHOR APPLICATION GUIDE



**Selecting a Fastener:**  
There are a number of factors that must be considered when an anchor is to be selected. These include, but are not limited to:

- Installation cost
- Safety factor
- Anchor embedment
- Mode of failure
- Type of base material
- Loading conditions
- Direction of applied load
- Spacing and edge distances
- Pre-tensioning requirements
- Strength of the anchor material
- Corrosiveness of the environment

- Acceptable load displacement
- Strength & condition of the base material
- Thickness of the base material and the fixture

## SPECIALTY PRODUCTS

### SCRU-IT® / U-DRIVE® Concrete Anchors

Hex Washer Head - Blue (SCH)  
Phillips Flat Head - Blue (SCP)  
Square Socket Head - Sliver (SCR)  
Hex Washer - Stainless 410 (SSH)  
Phillips Flat - Stainless 410 (SSP)  
U-DRIVE® Galvanized Anchors (INS)



### Insulation Anchors

Plastic 1 1/2" Head (MJP - MJX)  
Plastic 2 3/8" Head (MJL)  
Stress Plates 3" (SP1M)



### Cast-In-Place Anchors

Precast Inserts (PZI)  
Plastic Plugs, Reusable (PIP)



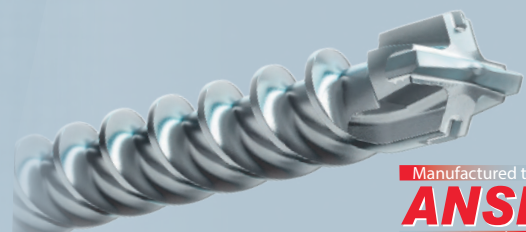
### CRACKFAST®

Concrete Crack Repair Kit (CFR)



### Concrete Drilling

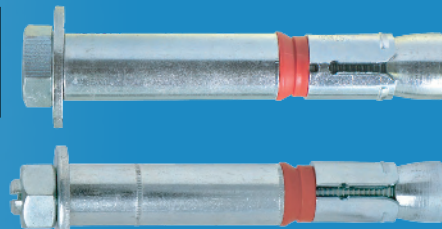
ULTRAPLUS® Premium SDS PLUS (SDU)  
ULTRAMAX® Premium SDS MAX (MAX)  
SDS PLUS (SDS)  
Straight Shank (JOD)



For best results use UCAN drill bits. All UCAN concrete drill bits conform to strict ANSI or DIN standards.

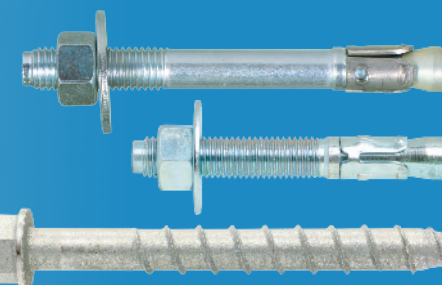
### SZ Heavy Load Anchors

Hex Bolt Type (ESR-3304) (SHL)  
Stud Type (ESR-3304) (BHL)  
Hex Bolt - Stainless Steel 316 (SHS)  
Stud Type - Stainless Steel 316 (BHS)



### Wedge Anchors / TORPEDO®

TZ Wedge (ER 0373) (TZ)  
Wedge - Carbon Steel Zinc (WED)  
Wedge - Carbon Steel Galvanized (WAG)  
Wedge - Stainless Grade 304, 316 (ISS, IST)  
TORPEDO® Anchors (UTB)  
Tie Wire Anchors (EP 932)



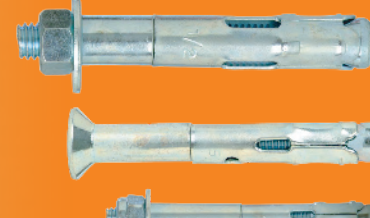
### FLO-ROK® Adhesive Anchoring

FR 5MAX Injection Adhesive (FR5 MAX)  
ER 0490  
FR 6MAX Epoxy Injection Adhesive (FR6 MAX)  
ESR 3584



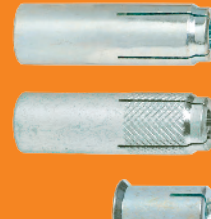
### Sleeve Anchors

Hex Nut / Acorn Nut (SLE)  
Flat Head - Phillips (SLF)  
Hex Nut Stainless Steel Grade 304 (SLS)  
Hex Bolt Type (SLB)



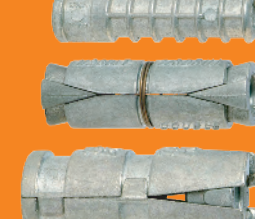
### Drop-in Anchors

Carbon Steel Zinc (IPA)  
Stainless Steel Grade 304 (IPS)  
Coil Threaded - Knurled (CTD)  
STUBi Short Embedment (DIS)



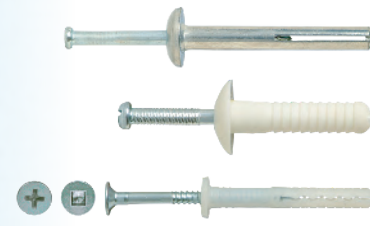
### Alloy Shield Anchors

Lag Shields - Short (LAS)  
Lag Shields - Long (LAL)  
Expansion Shields - Single (USA)  
Expansion Shields - Double (UDA)



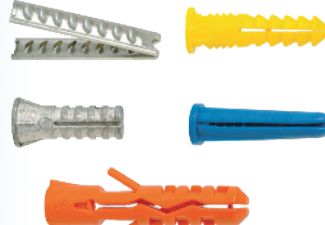
### Pin Bolts / Nail Anchors

Zamac c/w Steel Nail (ZAM)  
Zamac c/w Stainless Nail (ZAM SS)  
Nylon c/w Steel Nail (NYL)  
Nylon c/w Nylon Nail (NNY)  
Nylon c/w Removable Screw (MNA)



### Expansion Plugs

ALEX Aluminum Ribbed (ALE)  
MUNGO Nylon Plugs (MUN)  
Yellow Ribbed Plastic (UYP)  
Blue Plastic Conical (UBP)  
Zinc Alloy Plugs (LED)



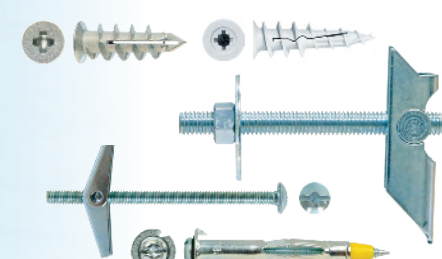
### Direct Fastening

Flat Head Fasteners (AFH)  
6mm Headed Fasteners (PC)  
8mm Headed Fasteners (UD)  
Threaded Studs (UTS)  
Conduit Clip Assembly (FCC)



### Hollow Wall Anchors

TIP TOGGLE® (UTT)  
TWISTER® Zamac (JET100)  
TWISTER® Nylon (TWISTER®II)  
Toggle Bolts c/w combination screw (TOG)  
Metal Hollow Wall Anchors (MWA-MWD)



#### Note:

This guide is only a visual reference to some typical anchoring applications. Prior to using any fastener, verify its suitability based on application specific conditions and loading requirements. Refer to UCAN's Disclaimer of Warranty and Liability. For best results use UCAN drill bits. All UCAN concrete drill bits conform to strict ANSI or DIN standards.



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HEAVY DUTY

MEDIUM DUTY

LIGHT DUTY