

# General Information



1-800-336-1640

## Application and Product Selection Guide

Drill Bits meet ANSI B212.15

| Anchors            |                        | Fastening Base Material |                    |                    |                    |                    |                       |                                    | Application Criteria         |                   |                        |                 |                | Program  |   |  |
|--------------------|------------------------|-------------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|------------------------------------|------------------------------|-------------------|------------------------|-----------------|----------------|--|---|--|
| Page No.           | Types of Anchors       | Concrete                | Hard Natural Stone | Soft Natural Stone | Solid/Hollow Brick | Grout Filled Block | Hollow Concrete Block | Wood/Metal Gypsum/Plastic Foam Ins | In-place (through) Fastening | Immediate Loading | Flush Surface Removing | Dynamic Loading | Temp Resistant | Materials  | Versions  | Characteristics  |
| <b>HEAVY DUTY</b>  |                        |                         |                    |                    |                    |                    |                       |                                    |                              |                   |                        |                 |                |  |   |  |
| 6                  | SZ High Load Anchors   | ●                       | ○                  |                    |                    |                    |                       |                                    | ●                            | ●                 | ●                      | ●               | ●              | - High Strength Steel<br>- 316 Stainless Steel   | - Stud Bolt<br>- Flat Head                                | Expansion of steel sleeve by an internal cone with matching taper. |
| 7                  | Taper Bolt             | ●                       | ○                  |                    |                    |                    |                       |                                    | ●                            | ●                 | ●                      | ●               | ●              | - Grade 5 Steel Zinc Plated<br>- Mechanically Galv.<br>- Stainless Steel   | - Hex Head Bolt<br>- Eye Bolt<br>- Threaded Stud          | Metal expansion/ caulking anchor with large expander sleeve        |
| <b>MEDIUM DUTY</b> |                        |                         |                    |                    |                    |                    |                       |                                    |                              |                   |                        |                 |                |  |   |  |
| 8-9                | Sup-R-Stud             | ●                       | ○                  |                    |                    | ○                  |                       |                                    | ●                            | ●                 |                        | ○               | ●              | - Zinc Plated Grade 2 Steel<br>- Mechanically Galv.<br>- 303/304 Stainless Steel<br>- 316 Stainless Steel<br>- Grade 5 steel | - UNC Male Screw Thread<br>- Tie Wire                     | Expansion of stainless steel collar by tapered stud body           |
| 10                 | Sup-R-Drop             | ●                       | ○                  |                    |                    | ○                  |                       |                                    | ●                            | ●                 |                        |                 | ●              | - Zinc Plated Carbon Steel<br>- 304 Stainless Steel<br>- 316 Stainless Steel   | - UNC Female Screw Thread                                 | Expansion of anchor wall by internal tapered plug                  |
| 11                 | Coil Thread Drop-In    | ●                       | ○                  |                    |                    |                    |                       |                                    | ●                            | ●                 |                        |                 | ●              | - Zinc Plated Carbon Steel   | - Female Coil Thread                                      | Expansion of anchor wall by internal tapered plug                  |
| 12-13              | Sup-R-Sleeve           | ●                       | ○                  | ○                  | ○                  | ●                  | ●                     |                                    | ●                            | ○                 |                        |                 | ●              | - Zinc Plated Carbon Steel<br>- 304 Stainless Steel  | - Acorn Head<br>- Hex Head<br>- Round Head<br>- Flat Head | Expansion of steel sleeve by tapered body                          |
| 14                 | Forway                 | ●                       | ●                  | ●                  | ●                  | ●                  | ●                     |                                    | ●                            | ●                 | ○                      | ○               | ○              | - Zinc Diecast Alloy   | - UNC Female Screw Thread                                 | Four way expansion of anchor wall by internal nut                  |
| <b>LIGHT DUTY</b>  |                        |                         |                    |                    |                    |                    |                       |                                    |                              |                   |                        |                 |                |  |   |  |
| 14                 | Sup-R-Lag              | ●                       | ●                  | ○                  | ○                  | ○                  |                       |                                    | ●                            | ●                 |                        |                 | ○              | - Zinc Diecast Alloy   | - Female Lag Screw Threads                                | Body of shield separates when installing lag screw                 |
| 15                 | Conset                 | ●                       | ●                  | ○                  | ○                  | ○                  | ○                     | ○                                  | ●                            | ●                 | ○                      | ○               | ○              | - High Strength Steel<br>CR10 Coating  | - Hex Head<br>- Phillips Flat                             | Hardened screw thread cuts into concrete or masonry                |
| 16                 | Sup-R-Split            | ●                       | ○                  |                    | ○                  | ○                  |                       |                                    | ●                            | ●                 |                        |                 | ●              | - Zinc Plated High Strength Steel<br>- CR Electroplate   | - Flat Head<br>- Duplex Head                              | Fastener exerts compressive force against wall of hole             |
| 17                 | Import Single & Double | ●                       | ●                  | ●                  | ●                  | ○                  |                       |                                    | ●                            | ●                 |                        |                 | ○              | - Zinc Diecast Alloy   | - UNC Female Screw Threads                                | Expansion of anchor wall by internal nut                           |
| 18                 | Sup-R-Caulk            | ●                       | ●                  | ●                  | ●                  |                    |                       |                                    | ●                            | ●                 |                        |                 |                | - Lead Shield w/Zinc Expander Nut  | - UNC Female Screw Thread                                 | Outer sleeve expanded by driving over plug                         |
| 18                 | Sup-R-Lead             | ●                       | ●                  | ●                  | ○                  | ○                  | ○                     |                                    | ●                            | ●                 |                        |                 |                | - Lead Diecast Alloy   | - Wood Screw  | Screw forms lead to hole wall                                      |
| 19                 | Sup-R-Toggle           |                         |                    |                    | ○                  | ○                  |                       | ●                                  | ●                            | ●                 | ●                      | ○               | ○              | - Zinc Plated Steel Stamping   | - Spring Wing Round, Flat, Mushroom or Hanger Type        | Legs expand behind wall to provide keying hold                     |
| 19                 | Plastic Screw Anchor   | ●                       | ●                  | ●                  | ●                  | ●                  | ○                     | ●                                  | ●                            | ●                 |                        |                 |                | - Polypropylene  | - Wood Screw  | Screw forms plastic to hole wall                                   |
| 20                 | Tap-It                 | ●                       | ●                  | ●                  | ●                  | ●                  | ●                     | ●                                  | ●                            | ●                 |                        |                 | ○              | - Steel and Aluminum Nail<br>- Stainless Steel Nail (limited availability)   | - Mushroom Head<br>- Round Head<br>- Flat Head            | Expansion of body by impact on nail head                           |
| 21                 | Uni-Tap                | ●                       | ●                  | ●                  | ○                  | ●                  | ○                     | ●                                  | ●                            | ●                 |                        | ○               | ○              | - Nylon  | - Mushroom Head   | Hold by reverse tension of flutes                                  |
| 21                 | Zap-It                 | ●                       | ●                  | ○                  | ●                  | ●                  | ○                     |                                    | ●                            | ●                 |                        |                 | ○              | - Zinc Diecast Alloy<br>- Carbon Steel,<br>Zinc Plated Nail<br>- Stainless Steel Nail  | - Mushroom Head   | Expansion of body by impact on nail head                           |
| 22                 | Versa Toggle           | ○                       | ○                  |                    | ○                  | ●                  | ●                     | ●                                  | ●                            | ●                 | ○                      | ○               | ○              | - Nylon  | - Screw   | Legs expand behind wall to provide keying hold                     |
| 22                 | Wallboard Anchor       | ○                       |                    | ○                  |                    | ○                  |                       | ●                                  | ●                            | ●                 | ○                      | ○               | ○              | - Zinc Diecast Alloy<br>- Nylon  | - Screw   | Oversized threads cut into wall board                              |
| 23                 | Holly                  |                         |                    |                    |                    | ○                  | ●                     | ●                                  | ●                            | ●                 | ●                      | ○               | ○              | - Zinc Plated Sheet Metal  | - Regular and Drive                                       | Legs expand behind wall to provide keying hold                     |

**KEY** ● VERY SUITABLE ○ MAY BE SUITABLE PER APPLICATION