

Powder Fasteners

DESCRIPTION

We maintain only the highest standards in the materials, production techniques and quality control measures used to manufacture our fasteners, assuring consistent, optimum quality in every fastener.

FASTENER TERMINOLOGY SUFFIX

K = Knurled
 B = Black
 C = 100 count
 M = 1000 count
 X = Collated
 SD = Washer
 E = Ramguard

ADVANTAGES

ITW Ramset powder actuated fasteners are specifically fabricated to meet the exacting requirements of toughness and durability that enable them to penetrate dense concrete and structural quality steel.

Selection Charts

BLACK TRACK PINS

Designed for use in concrete and structural steel applications. Available in 100-pack or 1000-pack per box.



| PART NUMBER | SHANK LENGTH IN. | (MM) | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|-------------|------------------|--------|----------|--------|-----------|-------|-------|-------|------------|
| 1506B | 3/4 | (19.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

Shank diameter = .145 Head diameter = .300

PLATED PINS

Designed for use in concrete and structural steel applications. 100 per box.



| PART NUMBER | SHANK LENGTH IN. | (MM) | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|-------------|------------------|--------|----------|--------|-----------|-------|-------|-------|------------|
| 1503K | 1/2 Knurled | (12.7) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1506 | 3/4 | (19.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1508 | 1 | (25.4) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1510 | 1-1/4 | (31.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1512 | 1-1/2 | (38.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1514 | 2 | (50.8) | | ■ | ■ | ■ | ■ | ■ | ■ |
| 1516 | 2-1/2 | (63.5) | | ■ | | ■ | | ■ | ■ |
| 1524 | 3 | (76.2) | | | | ■ | | | ■ |

Shank diameter = .145 Head diameter = .300

COLLATED POWDER ACTUATED DRIVE PINS

*Designed for high volume repetitive fastenings to concrete.
Fasteners collated 10 per strip. 100 strips per box.*



PART NUMBER SHANK LENGTH IN. (MM)

| | | |
|-------|-------|--------|
| SP58X | 5/8 | (15.9) |
| 1506X | 3/4 | (19.1) |
| 1510X | 1-1/4 | (31.8) |

Fits many competitive powder actuated tools
with fastener magazines

Shank diameter = .145, SP58X=.150

Head diameter = .300

WASHER PINS

*Washer increases bearing surface against the material to be fastened. 100 per box.
16 gage metal washer.*



PART NUMBER SHANK LENGTH IN. (MM)

| | | | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|----------|-------|--------|-------------|--------|--------------|-------|-------|-------|---------------|
| 1506SD | 3/4 | (19.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1508SD | 1 | (25.4) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1510SD | 1-1/4 | (31.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1512SD | 1-1/2 | (38.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1514SD | 2 | (50.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1516SDC | 2-1/2 | (63.5) | | ■ | ■ | ■ | ■ | ■ | ■ |
| 1524SDP* | 3 | (76.2) | | ■ | | ■ | | ■ | ■ |

Shank diameter = .145 Head diameter = .300

*Square washer indicates 3" pin has been installed

POWERPOINT PINS

*Used for fastening into harder steel and concrete. Premium steel and hard concrete
pin. 100 per box.*



PART NUMBER SHANK LENGTH IN. (MM)

| | | | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|------|-----|--------|-------------|--------|--------------|-------|-------|-------|---------------|
| SP12 | 1/2 | (12.7) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP58 | 5/8 | (15.9) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP34 | 3/4 | (19.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

Shank diameter = .150 Head diameter = .300

POWERPOINT STEP SHANK PINS

*Used for fastening into harder steel and concrete. Premium steel and hard concrete
pin. Pin for fastening into harder steel and concrete. 100 per box.*



PART NUMBER SHANK LENGTH IN. (MM)

| | | | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|--------|-------|--------|-------------|--------|--------------|-------|-------|-------|---------------|
| M100BB | 1 | (25.4) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP100 | 1 | (25.4) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP114 | 1-1/4 | (31.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP112 | 1-1/2 | (38.1) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SP178 | 1-7/8 | (47.6) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

Shank diameter = .150/.180 Head diameter = .300

M100BB shank diameter = .125/.150 with 1/2" washer

TOP HAT DRIVE PINS

Increases bearing surface against material to be fastened for improved attachment to inconsistent base materials. 100 per box.



| PART NUMBER | SHANK LENGTH IN. | (MM) | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|----------------|---------------------|--------|-------------|--------|--------------|-------|-------|-------|---------------|
| SP58TH | 5/8 | (15.9) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 1906 | 3/4 | (19.1) | ■ | ■ | | ■ | ■ | ■ | ■ |
| 1908 | 1 | (25.4) | ■ | ■ | | ■ | ■ | ■ | ■ |

Shank diameter = .145 (SP58TH = .150) Head diameter = 8mm (SP58TH = .300)

RAMGUARD PINS

Coated to improve corrosion resistance in treated lumber and other applications. 100 per box.



| PART NUMBER | SHANK LENGTH IN. | (MM) | 721/ R25 | AUTO- FAST | D60/ D45A | ROCKET/ SA270 | XT540 | COBRA | RS22/ HD22 |
|----------------|---------------------|--------|-------------|---------------|--------------|------------------|-------|-------|---------------|
| 1516E | 2-1/2 | (63.5) | | ■ | ■ | ■ | ■ | ■ | ■ |
| 1524E | 3 | (76.2) | | ■ | ■ | ■ | ■ | ■ | ■ |
| 1516SDE | 2-1/2 | (63.5) | | ■ | ■ | ■ | ■ | ■ | ■ |
| 1524SDE* | 3 | (76.2) | | ■ | ■ | ■ | ■ | ■ | ■ |
| SP178E | 1-7/8 | (47.6) | | ■ | ■ | ■ | ■ | ■ | ■ |

Shank diameter = .145 (SP178E = .150/.180) Head diameter = .300

*Square washer indicates 3" pin has been installed

* 1500 Series Coated with RamGuard

* SP Series Coated with Triple Zinc

1/4-20

THREADED STUD *For applications the require removability. 100 per box.*



| PART NUMBER | THREAD LENGTH IN. | (MM) | SHANK LENGTH IN. | (MM) | 721/ R25 | ROCKET | D60/ D45A | SA270 | XT540 | COBRA | RS22/ HD22 |
|----------------|-------------------------|--------|------------------------|--------|-------------|--------|--------------|-------|-------|-------|---------------|
| 1623WK | 3/4 | (19.1) | 1/2 | (12.7) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | | Knurled | | | | | | | | |
| 1643W | 3/4 | (19.1) | 1 | (25.4) | | ■ | ■ | ■ | ■ | ■ | |

Shank diameter = .145

Use 1623WK for Steel Base Materials

Use 1643W for Concrete Base Materials

CEILING CLIP ASSEMBLIES

Designed for suspending ceilings and other overhead applications. Pin preassembled to a 14 gage clip. 1000 per box.



| PART NUMBER | PIN LENGTH IN. | (MM) | 721 | VIPER | D60 | Rocket/ SA270 | D45A | COBRA | XT540 |
|----------------|-------------------|--------|-----|-------|-----|------------------|------|-------|-------|
| SDC100 | 1 | (25.4) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SDC125* | 1-1/4 | (31.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

*Available in 100-Pack (part number SDC125C)

Shank diameter = .145 Head diameter = .300

POWERPOINT PINS WITH CEILING CLIPS

Designed for difficult overhead applications. Pin preassembled to a 14 gage angle clip. 1000 per box



| PART NUMBER | PIN LENGTH IN. | (MM) | 721 | VIPER | D60 | Rocket/ SA270 | D45A | COBRA | XT540 |
|-------------|----------------|--------|-----|-------|-----|---------------|------|-------|-------|
| SPC78 | 7/8 | (22.2) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SPC114 | 1-1/4 | (31.8) | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

Shank diameter SP78 = .150, SPC114 = .150/.180 Head diameter = .300

LADD ASSEMBLY FOR L1600

Used excusively with the L1600 for excellent holding values.



| PART NUMBER | DESCRIPTION | L1600 |
|-------------|----------------------------------|-------|
| L652 | 1-1/4" Preassembled pin and clip | ■ |

Shank diameter = .152 Head diameter = .300

FASTENER ANGLE CLIP

General purpose 3/4" wide angle clip 14 gage angle clip. 100 clips per box.



| PART NUMBER | DESCRIPTION |
|-------------|---------------------|
| 1202CF | Angle clip (no pin) |

Hole diameter: 5/16" & 13/64"