



3-FLAT SHANK

Reamer - CAR / Construction - Spiral Flute - HSS

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ 3-Flat Shank

Made in Europe

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|---------|----------------|--------|--------|-------|----------------------|
| CRF-2464 | 3/8" | 0.250 | 5" | 4" | 3/8" | 3-Flat Car / Constr. |
| CRF-2864 | 7/16" | 0.281 | 5-1/4" | 4" | 7/16" | 3-Flat Car / Constr. |
| CRF-3264 | 1/2" | 0.343 | 6" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CRF-3664 | 9/16" | 0.343 | 6-1/4" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CRF-4064 | 5/8" | 0.343 | 6-1/2" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CRF-4464 | 11/16" | 0.375 | 7" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CRF-4864 | 3/4" | 0.406 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CRF-5264 | 13/16" | 0.468 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CRF-5664 | 7/8" | 0.500 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CRF-6064 | 15/16" | 0.585 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CRF-6464 | 1" | 0.594 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CRF-6864 | 1-1/16" | 0.807 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |

Reaming Steel For Aligning Existing Holes & Bolt / Rivet Installation



3-FLAT SHANK

Reamer - CAR / Construction - *Fast Spiral* - HSS

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Made in Europe

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|--------|----------------|--------|--------|-------|----------------------|
| CFF-2464 | 3/8" | 0.250 | 5" | 4" | 3/8" | 3-Flat Car / Constr. |
| CFF-3264 | 1/2" | 0.343 | 6" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CFF-3664 | 9/16" | 0.343 | 6-1/4" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CFF-4064 | 5/8" | 0.343 | 6-1/2" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CFF-4464 | 11/16" | 0.375 | 7" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| CFF-4864 | 3/4" | 0.406 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CFF-5264 | 13/16" | 0.468 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CFF-5664 | 7/8" | 0.500 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CFF-6064 | 15/16" | 0.585 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CFF-6464 | 1" | 0.594 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| CFF-8064 | 1-1/4" | 0.719 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |



Reamer - CAR / Construction - Spiral Flute - HEX - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | | Type |
|----------|---------|----------------|--------|--------|---------|-----|------|
| CHX-4464 | 11/16" | 0.375 | 6-3/8" | 4-1/2" | 1-1/16" | HEX | Car |
| CHX-5264 | 13/16" | 0.468 | 7" | 5" | 1-1/4" | HEX | Car |
| CHX-6064 | 15/16" | 0.585 | 7" | 5" | 1-7/16" | HEX | Car |
| CHX-6864 | 1-1/16" | 0.807 | 7" | 5" | 1-5/8" | HEX | Car |

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ HEX Nut Shank

Made in Europe

Reaming Steel For Aligning Existing Holes & Bolt / Rivet Installation



Reamer - BRIDGE - Spiral Flute - HEX - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | | Type |
|----------|---------|----------------|--------|--------|---------|-----|--------|
| CBB-4464 | 11/16" | 0.375 | 6-3/8" | 4-1/2" | 1-1/16" | HEX | Bridge |
| CBB-5264 | 13/16" | 0.468 | 7" | 5" | 1-1/4" | HEX | Bridge |
| CBB-6064 | 15/16" | 0.585 | 7" | 5" | 1-7/16" | HEX | Bridge |
| CBB-6864 | 1-1/16" | 0.807 | 7" | 5" | 1-5/8" | HEX | Bridge |

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ HEX Nut Shank

Made in Europe



Bridge Construction



Ship Building



Structural Steel Erection

Reaming Steel For Aligning Existing Holes & Bolt / Rivet Installation



Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ 3-Flat Shank
- Structural Plate



3-FLAT SHANK

Reamer - CAR / Construction - Spiral Flute - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|--------|----------------|--------|--------|-------|----------------------|
| ASF-2464 | 3/8" | 0.250 | 5" | 4" | 3/8" | 3-Flat Car / Constr. |
| ASF-3264 | 1/2" | 0.281 | 6" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| ASF-3664 | 9/16" | 0.343 | 6-1/4" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| ASF-4064 | 5/8" | 0.343 | 6-1/2" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| ASF-4464 | 11/16" | 0.375 | 7" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| ASF-4864 | 3/4" | 0.406 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| ASF-5264 | 13/16" | 0.468 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| ASF-5664 | 7/8" | 0.500 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| ASF-6064 | 15/16" | 0.585 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| ASF-6464 | 1" | 0.594 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| ASF-8064 | 1-1/4" | 0.719 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |

Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ 3-Flat Shank
- Structural Plate



3-FLAT SHANK

Reamer - CAR / Construction - *Fast Spiral* - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|--------|----------------|--------|--------|-------|----------------------|
| AFC-2464 | 3/8" | 0.250 | 5" | 4" | 3/8" | 3-Flat Car / Constr. |
| AFC-3264 | 1/2" | 0.281 | 6" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| AFC-3664 | 9/16" | 0.343 | 6-1/4" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| AFC-4064 | 5/8" | 0.343 | 6-1/2" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| AFC-4464 | 11/16" | 0.375 | 7" | 4-1/2" | 1/2" | 3-Flat Car / Constr. |
| AFC-4864 | 3/4" | 0.406 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| AFC-5264 | 13/16" | 0.468 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| AFC-5664 | 7/8" | 0.500 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| AFC-6064 | 15/16" | 0.585 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| AFC-6464 | 1" | 0.594 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |
| AFC-8064 | 1-1/4" | 0.719 | 7-1/4" | 5" | 1/2" | 3-Flat Car / Constr. |

Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ HEX Shank
- Structural Plate



Reamer - CAR - Spiral Flute - **HEX** - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|---------|----------------|--------|--------|---------|---------|
| ACX-4464 | 11/16" | 0.375 | 6-3/8" | 4-1/2" | 1-1/16" | HEX Car |
| ACX-5264 | 13/16" | 0.468 | 7" | 5" | 1-1/4" | HEX Car |
| ACX-6064 | 15/16" | 0.585 | 7" | 5" | 1-7/16" | HEX Car |
| ACX-6864 | 1-1/16" | 0.807 | 7" | 5" | 1-5/8" | HEX Car |



Made In



Black & Gold

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ HEX Shank

- ➔ Structural Plate

Reamer - BRIDGE - Spiral Flute - HEX - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|---------|----------------|--------|--------|---------|------------|
| ABX-4464 | 11/16" | 0.375 | 9-1/4" | 7-1/8" | 1-1/16" | HEX Bridge |
| ABX-5264 | 13/16" | 0.468 | 9-3/8" | 7-3/8" | 1-1/4" | HEX Bridge |
| ABX-6064 | 15/16" | 0.585 | 9-3/8" | 7-3/8" | 1-7/16" | HEX Bridge |
| ABX-6864 | 1-1/16" | 0.807 | 9-3/8" | 7-3/8" | 1-5/8" | HEX Bridge |



Made In



Black & Gold

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ Taper Shank

- ➔ Structural Steel Assemblies
- ➔ Bridge Erection
- ➔ Ship Construction

Reamer - BRIDGE - Straight Flute - Morse Taper - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|---------|----------------|---------|--------|-------|-------------------------|
| ABT-4464 | 11/16" | 0.375 | 11-3/4" | 7-1/8" | #3 | Taper Bridge - Straight |
| ABT-5264 | 13/16" | 0.468 | 12" | 7-3/8" | #3 | Taper Bridge - Straight |
| ABT-6064 | 15/16" | 0.585 | 12" | 7-3/8" | #3 | Taper Bridge - Straight |
| ABT-6864 | 1-1/16" | 0.807 | 12" | 7-3/8" | #3 | Taper Bridge - Straight |



Reamer - BRIDGE - Spiral Flute - Morse Taper - HSS

| Part # | Size | Point Diameter | OAL | Flute | Shank | Type |
|----------|---------|----------------|---------|--------|-------|-----------------------|
| AFF-4464 | 11/16" | 0.375 | 11-3/4" | 7-1/8" | #3 | Taper Bridge - Spiral |
| AFF-5264 | 13/16" | 0.468 | 12" | 7-3/8" | #3 | Taper Bridge - Spiral |
| AFF-6064 | 15/16" | 0.585 | 12" | 7-3/8" | #3 | Taper Bridge - Spiral |
| AFF-6864 | 1-1/16" | 0.807 | 12" | 7-3/8" | #3 | Taper Bridge - Spiral |