

LIST NUMBER INDEX

NITRO SAFETY FIRST
Construction Reamers

- Manufactured by Drillco from M2 premium grade High Speed Steel. Body clearance are Black & Gold surface treated for maximum lubricity and wear resistance.
- Specifically engineered for Heavy-Duty reaming and hole alignment in the fabrication of structural steel assemblies, bridge erection, and ship construction.
- Compatible socket size for both reamer and structural bolt assemblies.
- Designed with safety and jobsite accident prevention in mind. Meets OSHA 29CFR Part 1926.759 (falling objects prevention).

Two Embedded NEO40 MAGNETS secure reamer in socket for safety!

DRILLCO CUTTING TOOLS

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Bridge Reamers

HIGH SPEED STEEL
Fractional / Black Oxide



PACKAGING:
All sizes are individually packaged.

4200/4250 Bridge Reamers

TAPER SHANK

Commonly used on bridgework, ship construction and structural steel fabrication where extreme accuracy of diameter is important. Reamers have pilot type points for alignment purposes and easy entry into small and off-center holes.



4200 Straight Flute



4250 Spiral Flute

Size	Point Dia.	Flute Length	Overall Length	Morse Taper	Straight Flute 4200 EDP No.	Spiral Flute 4250 EDP No.
5/16"	11/64"	4-3/8"	8-1/4"	2	420A120	425A120
11/32"	11/64"	4-3/8"	8-1/4"	2	420A122	425A122
3/8"	7/32"	4-3/8"	8-1/4"	2	420A124	425A124
13/32"	7/32"	4-3/8"	8-1/4"	2	420A126	425A126
7/16"	17/64"	4-3/8"	8-1/4"	2	420A128	425A128
15/32"	9/32"	5-1/8"	9"	2	420A130	425A130
1/2"	5/16"	5-1/8"	9"	2	420A132	425A132
17/32"	11/32"	5-1/8"	9"	2	420A134	425A134
9/16"	3/8"	5-1/8"	9"	2	420A136	425A136
19/32"	3/8"	5-1/8"	9"	2	420A138	425A138
5/8"	25/64"	6-1/8"	10"	2	420A140	425A140
21/32"	25/64"	7-1/8"	11-3/4"	3	420A142	425A142
11/16"	13/32"	7-1/8"	11-3/4"	3	420A144	425A144
3/4"	15/32"	7-3/8"	12"	3	420A148	425A148
25/32"	15/32"	7-3/8"	12"	3	420A150	425A150
13/16"	35/64"	7-3/8"	12"	3	420A152	425A152
27/32"	35/64"	7-3/8"	12"	3	420A154	425A154

Size	Point Dia.	Flute Length	Overall Length	Morse Taper	Straight Flute 4200 EDP No.	Spiral Flute 4250 EDP No.
7/8"	39/64"	7-3/8"	12"	3	420A156	425A156
29/32"	39/64"	7-3/8"	12"	3	420A158	425A158
15/16"	43/64"	7-3/8"	12"	3	420A160	425A160
31/32"	5/8"	7-3/8"	12"	3	-	425A162
1"	47/64"	7-3/8"	12"	3	420A164	425A164
1-1/32"	47/64"	7-3/8"	12"	3	420A202	425A202
1-1/16"	13/16"	7-3/8"	12"	3	420A204	425A204
1-1/8"	55/64"	7-3/8"	12"	3	420A208	425A208
1-3/16"	59/64"	7-3/8"	12"	3	420A212	425A212
1-1/4"	63/64"	7-3/8"	13"	4	420A216	425A216
1-5/16"	1-1/16"	7-3/8"	13"	4	420A220	425A220
1-3/8"	1-1/8"	7-3/8"	13"	4	420A224	425A224
1-7/16"	1-3/16"	7-3/8"	13"	4	420A228	425A228
1-1/2"	1-1/4"	7-3/8"	13"	4	420A232	425A232
1-9/16"	1-1/4"	7-3/8"	13"	4	420A236	425A236
1-5/8"	1-3/8"	7-3/8"	13"	4	420A240	425A240

NITRO Construction Reamers



HIGH SPEED STEEL
Fractional / Black & Gold



PACKAGING:
All sizes are individually packaged.

4275N/4285N Construction Reamers

3-FLATS REDUCED SHANK

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



4275N Spiral Flute



4285N High Spiral Flute

Size	Shank Dia.	Flute Length	Overall Length	Spiral Flute 4275N EDP No.	High Spiral Flute 4285N EDP No.
1/4"	1/4"	2-1/2"	4-3/8"	427N116	428N116
5/16"	5/16"	2-3/4"	4-5/8"	427N120	428N120
3/8"	3/8"	2-3/4"	4-5/8"	427N124	428N124
13/32"	13/32"	3-1/2"	5-3/8"	427N126	428N126
7/16"	7/16"	3-1/2"	5-3/8"	427N128	428N128
15/32"	15/32"	3-3/4"	5-7/8"	427N130	428N130
1/2"	1/2"	4"	5-7/8"	427N132	428N132
17/32"	1/2"	4"	5-7/8"	427N134	428N134
9/16"	1/2"	4"	5-7/8"	427N136	428N136
19/32"	1/2"	4-1/2"	6-3/8"	427N138	428N138
5/8"	1/2"	4-1/2"	6-3/8"	427N140	428N140
.652	1/2"	4-1/2"	6-3/8"	427N141	428N141
21/32"	1/2"	4-1/2"	6-3/8"	427N142	428N142
11/16"	1/2"	4-1/2"	6-3/8"	427N144	428N144
23/32"	1/2"	4-1/2"	6-3/8"	427N146	428N146
3/4"	1/2"	5"	6-7/8"	427N148	428N148
.776	1/2"	5"	6-7/8"	427N149	428N149

Size	Shank Dia.	Flute Length	Overall Length	Spiral Flute 4275N EDP No.	High Spiral Flute 4285N EDP No.
25/32"	1/2"	5"	6-7/8"	427N150	428N150
13/16"	1/2"	5"	6-7/8"	427N152	428N152
27/32"	1/2"	5"	6-7/8"	427N154	428N154
7/8"	1/2"	5"	6-7/8"	427N156	428N156
29/32"	1/2"	5"	6-7/8"	427N158	428N158
15/16"	1/2"	5"	6-7/8"	427N160	428N160
31/32"	1/2"	5"	6-7/8"	427N162	428N162
1"	1/2"	5"	6-7/8"	427N164	428N164
1.027	1/2"	5"	6-7/8"	427N201	428N201
1-1/16"	1/2"	5"	6-7/8"	427N204	428N204
1-1/8"	3/4"	5"	6-7/8"	427N208	428N208
1-3/16"	3/4"	5"	6-7/8"	427N212	428N212
1-1/4"	3/4"	5"	6-7/8"	427N216	428N216
1-5/16"	3/4"	5"	6-7/8"	427N220	428N220
1-3/8"	3/4"	5"	6-7/8"	427N224	428N224
1-7/16"	3/4"	5"	6-7/8"	427N228	428N228
1-1/2"	3/4"	5"	6-7/8"	427N232	428N232

Sizes 1-1/8" and above also available with 1/2" shank. Please call for price and availability.



No. of Pcs.	Sizes	4275N EDP No.	4285N EDP No.
Nitro® Construction Reamer Display Sets			
8	1 each of: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	427N8D	428N8D
16	2 each of: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	427N16D	428N16D
24	3 each of: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	427N24D	428N24D

Reamers



Construction Reamers

HIGH SPEED STEEL
Fractional / Black Oxide

PACKAGING:
All sizes are individually packaged.

4275  /4275E Construction Reamers

SPIRAL FLUTE / 3-FLATS REDUCED SHANK

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



4275

Size	Shank Dia.	Flute Length	Overall Length	4275 EDP No.	4275E EDP No.
1/4"	1/4"	2-1/2"	4-3/8"	427A116	-
5/16"	5/16"	2-3/4"	4-5/8"	427A120	427E120
3/8"	3/8"	2-3/4"	4-5/8"	427A124	427E124
13/32"	13/32"	3-1/2"	5-3/8"	427A126	-
7/16"	7/16"	3-1/2"	5-3/8"	427A128	427E128
1/2"	1/2"	4"	5-7/8"	427A132	427E132
17/32"	1/2"	3-3/4"	5-7/8"	427A134	-
9/16"	1/2"	4"	5-7/8"	427A136	427E136
19/32"	1/2"	4-1/4"	6-3/8"	427A138	-
39/64"	1/2"	4-1/4"	6-3/8"	427A139	-
5/8"	1/2"	4-1/2"	6-3/8"	427A140	427E140
.652	1/2"	4-1/2"	6-3/8"	427A141	-
21/32"	1/2"	4-1/2"	6-3/8"	427A142	-
11/16"	1/2"	4-1/2"	6-3/8"	427A144	427E144
23/32"	1/2"	4-1/2"	6-3/8"	427A146	-
3/4"	1/2"	5"	6-7/8"	427A148	427E148

Size	Shank Dia.	Flute Length	Overall Length	4275 EDP No.	4275E EDP No.
.776"	1/2"	5"	6-7/8"	427A149	-
25/32"	1/2"	5"	6-7/8"	427A150	-
13/16"	1/2"	5"	6-7/8"	427A152	427E152
7/8"	1/2"	5"	6-7/8"	427A156	427E156
15/16"	1/2"	5"	6-7/8"	427A160	427E160
1"	1/2"	5"	6-7/8"	427A164	427E164
1-027	1/2"	5"	6-7/8"	427A201	-
1-1/16"	1/2"	5"	6-7/8"	427A204	427E204
1-3/32"	1/2"	5"	6-7/8"	427A206	-
1-1/8"	3/4"	5"	6-7/8"	427A208	-
1-3/16"	3/4"	5"	6-7/8"	427A212	-
1-1/4"	3/4"	5"	6-7/8"	427A216	-
1-5/16"	3/4"	5"	6-7/8"	427A220	-
1-3/8"	3/4"	5"	6-7/8"	427A224	-
1-7/16"	3/4"	5"	6-7/8"	427A228	-
1-1/2"	3/4"	5"	6-7/8"	427A232	-

Sizes 1-1/8" and above also available with 1/2" shank. Please call for price and availability.

Construction Reamers

HIGH SPEED STEEL
Fractional / Black Oxide



PACKAGING:
All sizes are individually packaged.

4285 Construction Reamers

HIGH SPIRAL FLUTE / 3-FLATS REDUCED SHANK

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



4285

Size	Shank Dia.	Flute Length	Overall Length	4285 EDP No.
1/4"	1/4"	2-1/2"	4-3/8"	428A116
5/16"	5/16"	2-3/4"	4-5/8"	428A120
3/8"	3/8"	2-3/4"	4-5/8"	428A124
13/32"	13/32"	3-1/2"	5-3/8"	428A126
7/16"	7/16"	3-1/2"	5-3/8"	428A128
15/32"	15/32"	3-3/4"	5-7/8"	428A130
1/2"	1/2"	4"	5-7/8"	428A132
17/32"	1/2"	4"	5-7/8"	428A134
9/16"	1/2"	4"	5-7/8"	428A136
19/32"	1/2"	4-1/2"	6-3/8"	428A138
5/8"	1/2"	4-1/2"	6-3/8"	428A140
.652	1/2"	4-1/2"	6-3/8"	428A141
21/32"	1/2"	4-1/2"	6-3/8"	428A142
11/16"	1/2"	4-1/2"	6-3/8"	428A144
23/32"	1/2"	4-1/2"	6-3/8"	428A146
3/4"	1/2"	5"	6-7/8"	428A148
.776	1/2"	5"	6-7/8"	428A149

Size	Shank Dia.	Flute Length	Overall Length	4285 EDP No.
25/32"	1/2"	5"	6-7/8"	428A150
13/16"	1/2"	5"	6-7/8"	428A152
27/32"	1/2"	5"	6-7/8"	428A154
7/8"	1/2"	5"	6-7/8"	428A156
15/16"	1/2"	5"	6-7/8"	428A160
1"	1/2"	5"	6-7/8"	428A164
1.027	1/2"	5"	6-7/8"	428A201
1-1/32"	1/2"	5"	6-7/8"	428A202
1-1/16"	1/2"	5"	6-7/8"	428A204
1-1/8"	3/4"	5"	6-7/8"	428A208
1-3/16"	3/4"	5"	6-7/8"	428A212
1-1/4"	3/4"	5"	6-7/8"	428A216
1-5/16"	3/4"	5"	6-7/8"	428A220
1-3/8"	3/4"	5"	6-7/8"	428A224
1-7/16"	3/4"	5"	6-7/8"	428A228
1-1/2"	3/4"	5"	6-7/8"	428A232

Sizes 1-1/8" and above also available with 1/2" shank.
Please call for price and availability.

HIGH SPEED STEEL
Fractional / Black & Gold



PACKAGING:
All sizes are individually packaged.

125SF Nitro® Safety First Construction Reamers SPIRAL FLUTE / HEX NUT / BRIDGE LENGTH

Manufactured from a premium grade of high speed steel. Body and clearance are gold and black surface treated for maximum lubricity.

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment.

Two NE040 Magnets are placed 180 degrees apart in hex nut to reduce the risk of the reamer falling out of the socket while in use.

Drillco's Nitro® Safety First Hex Shank Reamers have been designed to protect against the danger and loss of a falling reamer. The Nitro® meets OSHA 29CFR Part 1926.759 (falling objects protection).



125SF

Size	Hex Dia.	Flute Length	Overall Length	125SF EDP No.
9/16"	1-1/16"	5-1/8"	6-7/8"	125SF136
5/8"	1-1/16"	6-1/8"	7-7/8"	125SF140
11/16"	1-1/16"	7-1/8"	9-1/4"	125SF144
3/4"	1-1/4"	7-3/8"	9-3/8"	125SF148
13/16"	1-1/4"	7-3/8"	9-3/8"	125SF152
7/8"	1-7/16"	7-3/8"	9-3/8"	125SF156
15/16"	1-7/16"	7-3/8"	9-3/8"	125SF160
1"	1-7/16"	7-3/8"	9-3/8"	125SF164
1-1/16"	1-5/8"	7-3/8"	9-3/8"	125SF204

Size	Hex Dia.	Flute Length	Overall Length	125SF EDP No.
1-1/8"	1-5/8"	7-3/8"	9-3/8"	125SF208
1-3/16"	1-13/16"	7-3/8"	9-3/8"	125SF212
1-1/4"	1-13/16"	7-3/8"	9-3/8"	125SF216
1-5/16"	2"	7-3/8"	10"	125SF220
1-3/8"	2"	7-3/8"	10"	125SF224
1-7/16"	2"	7-3/8"	10"	125SF228
1-1/2"	2"	7-3/8"	10"	125SF232
1-9/16"	2"	7-3/8"	10"	125SF236
1-5/8"	2"	7-3/8"	10"	125SF240

4290N Nitro® Safety First Construction Reamers SPIRAL FLUTE / HEX NUT / CAR LENGTH



4290N

Size	Hex Dia.	Flute Length	Overall Length	4290N EDP No.
1/2"	1-1/16"	4"	5-1/2"	429N132
9/16"	1-1/16"	4"	5-7/8"	429N136
5/8"	1-1/16"	4-1/2"	6"	429N140
11/16"	1-1/16"	4-1/2"	6-3/8"	429N144
3/4"	1-1/4"	5"	7"	429N148
13/16"	1-1/4"	5"	7"	429N152
7/8"	1-7/16"	5"	7"	429N156

Size	Hex Dia.	Flute Length	Overall Length	4290N EDP No.
15/16"	1-7/16"	5"	7"	429N160
1"	1-7/16"	5"	7"	429N164
1-1/16"	1-5/8"	5"	7"	429N204
1-1/8"	1-5/8"	5"	7"	429N208
1-3/16"	1-13/16"	5"	7"	429N212
1-1/4"	1-13/16"	5"	7"	429N216
1-5/16"	2"	5"	7-7/8"	429N220

Construction Reamers

HIGH SPEED STEEL
Fractional / Black Oxide

PACKAGING:
All sizes are individually packaged.

4290 Construction Reamers



SPIRAL FLUTE / HEX NUT / CAR LENGTH

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



4290

Size	Hex Dia.	Flute Length	Overall Length	4290 EDP No.
1/2"	1-1/16"	4"	5-1/2"	429A132
9/16"	1-1/16"	4"	5-7/8"	429A136
5/8"	1-1/16"	4-1/2"	6"	429A140
11/16"	1-1/16"	4-1/2"	6-3/8"	429A144
3/4"	1-1/4"	5"	7"	429A148
13/16"	1-1/4"	5"	7"	429A152
7/8"	1-7/16"	5"	7"	429A156
15/16"	1-7/16"	5"	7"	429A160
1"	1-7/16"	5"	7"	429A164

Size	Hex Dia.	Flute Length	Overall Length	4290 EDP No.
1-1/16"	1-5/8"	5"	7"	429A204
1-1/8"	1-5/8"	5"	5"	429A208
1-3/16"	1-13/16"	5"	7"	429A212
1-1/4"	1-13/16"	5"	7"	429A216
1-5/16"	2"	5"	7-7/8"	429A220
1-3/8"	2"	5"	7-7/8"	429A224
1-7/16"	2"	5"	7-7/8"	429A228
1-1/2"	2"	5"	7-7/8"	429A232
1-9/16"	2"	5"	7-7/8"	429A236

4290E Construction Reamers

SPIRAL FLUTE / HEX NUT / CAR LENGTH

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



4290E

Size	Hex Dia.	Flute Length	Overall Length	4290E EDP No.
11/16"	1-1/16"	4-1/2"	5-7/8"	429E144
13/16"	1-1/4"	5"	6-3/8"	429E152
15/16"	1-7/16"	5"	6-3/8"	429E160
1-1/16"	1-5/8"	5"	6-7/8"	429E204

Construction Reamers

HIGH SPEED STEEL
Fractional / Black Oxide



PACKAGING:
All sizes are individually packaged.

125HX Construction Reamers

SPIRAL FLUTE / HEX NUT / BRIDGE LENGTH

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Spiral Flute and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



125HX

Size	Hex Dia.	Flute Length	Overall Length	125HX EDP No.
9/16"	1-1/16"	5-1/8"	6-7/8"	125HX136
5/8"	1-1/16"	6-1/8"	7-7/8"	125HX140
11/16"	1-1/16"	7-1/8"	9-1/4"	125HX144
3/4"	1-1/4"	7-3/8"	9-3/8"	125HX148
13/16"	1-1/4"	7-3/8"	9-3/8"	125HX152
7/8"	1-7/16"	7-3/8"	9-3/8"	125HX156
15/16"	1-7/16"	7-3/8"	9-3/8"	125HX160
1"	1-7/16"	7-3/8"	9-3/8"	125HX164
1-1/16"	1-5/8"	7-3/8"	9-3/8"	125HX204

Size	Hex Dia.	Flute Length	Overall Length	125HX EDP No.
1-1/8"	1-5/8"	7-3/8"	9-3/8"	125HX208
1-3/16"	1-13/16"	7-3/8"	9-3/8"	125HX212
1-1/4"	1-13/16"	7-3/8"	9-3/8"	125HX216
1-5/16"	2"	7-3/8"	10"	125HX220
1-3/8"	2"	7-3/8"	10"	125HX224
1-7/16"	2"	7-3/8"	10"	125HX228
1-1/2"	2"	7-3/8"	10"	125HX232
1-9/16"	2"	7-3/8"	10"	125HX236
1-5/8"	2"	7-3/8"	10"	125HX240

Construction Reamers

HIGH SPEED STEEL
Fractional / Black Oxide



PACKAGING:
All sizes are individually packaged.

100HX Construction Reamers

STRAIGHT FLUTE / HEX NUT / BRIDGE LENGTH

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Straight Flute, Spiral Flute, and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



100HX

Size	Hex Dia.	Flute Length	Overall Length	100HX EDP No.
9/16"	1-1/16"	5-1/8"	6-7/8"	100HX136
5/8"	1-1/16"	6-1/8"	7-7/8"	100HX140
11/16"	1-1/16"	7-1/8"	9-1/4"	100HX144
3/4"	1-1/4"	7-3/8"	9-3/8"	100HX148
13/16"	1-1/4"	7-3/8"	9-3/8"	100HX152
7/8"	1-7/16"	7-3/8"	9-3/8"	100HX156
15/16"	1-7/16"	7-3/8"	9-3/8"	100HX160
1"	1-7/16"	7-3/8"	9-3/8"	100HX164
1-1/16"	1-5/8"	7-3/8"	9-3/8"	100HX204

Size	Hex Dia.	Flute Length	Overall Length	100HX EDP No.
1-1/8"	1-5/8"	7-3/8"	9-3/8"	100HX208
1-3/16"	1-13/16"	7-3/8"	9-3/8"	100HX212
1-1/4"	1-13/16"	7-3/8"	9-3/8"	100HX216
1-5/16"	2"	7-3/8"	10"	100HX220
1-3/8"	2"	7-3/8"	10"	100HX224
1-7/16"	2"	7-3/8"	10"	100HX228
1-1/2"	2"	7-3/8"	10"	100HX232
1-9/16"	2"	7-3/8"	10"	100HX236
1-5/8"	2"	7-3/8"	10"	100HX240

150HX Construction Reamers

STRAIGHT FLUTE / HEX NUT / CAR LENGTH

Construction or Car Reamers are especially adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment. Available in Straight Flute, Spiral Flute, and High Spiral Flute designs with 3-Flat Straight Shanks, or with Hex Nut Shanks.



150HX

Size	Hex Dia.	Flute Length	Overall Length	150HX EDP No.
1/2"	1-1/16"	4"	5-1/2"	150HX132
9/16"	1-1/16"	4"	5-1/2"	150HX136
5/8"	1-1/16"	4-1/2"	6"	150HX140
11/16"	1-1/16"	4-1/2"	6-3/8"	150HX144
3/4"	1-1/4"	5"	7"	150HX148
13/16"	1-1/4"	5"	7"	150HX152
7/8"	1-7/16"	5"	7"	150HX156

Size	Hex Dia.	Flute Length	Overall Length	150HX EDP No.
15/16"	1-7/16"	5"	7"	150HX160
1"	1-7/16"	5"	7"	150HX164
1-1/16"	1-5/8"	5"	7"	150HX204
1-1/8"	1-5/8"	5"	7"	150HX208
1-3/16"	1-13/16"	5"	7"	150HX212
1-1/4"	1-13/16"	5"	7"	150HX216
1-5/16"	2"	5"	7-7/8"	150HX220

Car Reamers

HIGH SPEED STEEL
Fractional / Black Oxide



PACKAGING:
All sizes are individually packaged.

150H/175H Car Reamers

STRAIGHT FLUTE / SPIRAL FLUTE / TAPER SHANK

Car Reamers are of similar design to Bridge Reamers except that they have shorter flutes and overall lengths. The shorter length permits their use in cramped quarters where Bridge Reamers cannot enter. The approximate length of the tapered section is 50% of the total flute length. The normal tolerance on the full diameter is greater than that used for other types of machine reamers.



150H Straight Flute



175H Spiral Flute

Size	Flute Length	Overall Length	Morse Taper	Straight Flute 150H EDP No.	Spiral Flute 175H EDP No.
1/4"	2-1/2"	5-7/16"	1	150H116	175H116
9/32"	2-1/2"	5-7/16"	1	150H118	175H118
5/16"	2-3/4"	5-11/16"	1	150H120	175H120
11/32"	2-3/4"	5-11/16"	1	150H122	175H122
3/8"	2-3/4"	5-11/16"	1	150H124	175H124
13/32"	3-1/2"	6-15/16"	2	150H126	175H126
7/16"	3-1/2"	6-15/16"	2	150H128	175H128
15/32"	3-1/2"	7-1/16"	2	150H130	175H130
1/2"	4"	7-9/16"	2	150H132	175H132
17/32"	4"	7-9/16"	2	150H134	175H134
9/16"	4"	7-9/16"	2	150H136	175H136
19/32"	4-1/2"	8-1/16"	2	150H138	175H138
5/8"	4-1/2"	8-1/16"	2	150H140	175H140
21/32"	4-1/2"	8-13/16"	3	150H142	175H142
11/16"	4-1/2"	8-13/16"	3	150H144	175H144
23/32"	4-1/2"	8-13/16"	3	150H146	175H146
3/4"	5"	9-1/2"	3	150H148	175H148
25/32"	5"	9-1/2"	3	150H150	175H150

Size	Flute Length	Overall Length	Morse Taper	Straight Flute 150H EDP No.	Spiral Flute 175H EDP No.
13/16"	5"	9-1/2"	3	150H152	175H152
27/32"	5"	9-1/2"	3	150H154	175H154
7/8"	5"	9-1/2"	3	150H156	175H156
29/32"	5"	9-1/2"	3	150H158	175H158
15/16"	5"	9-1/2"	3	150H160	175H160
31/32"	5"	9-1/2"	3	150H162	175H162
1"	5"	9-1/2"	3	150H164	175H164
1-1/32"	5"	9-1/2"	3	150H202	175H202
1-1/16"	5"	9-1/2"	3	150H204	175H204
1-1/8"	5"	9-1/2"	3	150H208	175H208
1-3/16"	5"	9-1/2"	3	150H212	175H212
1-1/4"	5"	9-1/2"	3	150H216	175H216
1-5/16"	5"	10-1/2"	4	150H220	175H220
1-3/8"	5"	10-1/2"	4	150H224	175H224
1-7/16"	5"	10-1/2"	4	150H228	175H228
1-1/2"	5"	10-1/2"	4	150H232	175H232
1-9/16"	5"	10-1/2"	4	150H236	175H236
1-5/8"	5"	10-1/2"	4	150H240	175H240

Chucking Reamers

HIGH SPEED STEEL
Fractional / Bright & Black

PACKAGING:
All sizes are individually packaged.

4300E/4375E Chucking Reamers

STRAIGHT SHANK / RIGHT HAND CUT

Straight Shank Chucking Reamers are designed for general purpose reaming in machines such as drill presses, turret lathes, and screw machines. They have shorter and deeper flutes than hand reamers. They are regularly pointed with a 45° chamfer and are suitable for machine reaming a wide range of materials.



4300E Straight Flute



4375E Spiral Flute

Size	Flute Length	Overall Length	Straight Flute 4300E EDP No.	Spiral Flute 4375E EDP No.
1/8"	7/8"	3-1/2"	430E108	437E108
9/64"	1"	3-1/2"	430E109	437E109
5/32"	1"	4"	430E110	437E110
11/64"	1-1/8"	4"	430E111	437E111
3/16"	1-1/8"	4-1/2"	430E112	437E112
13/64"	1-1/4"	4-1/2"	430E113	437E113
7/32"	1-1/4"	5"	430E114	437E114
15/64"	1-1/2"	5"	430E115	437E115
1/4"	1-1/2"	6"	430E116	437E116
17/64"	1-1/2"	6"	430E117	437E117
9/32"	1-1/2"	6"	430E118	437E118
19/64"	1-1/2"	6"	430E119	437E119
5/16"	1-1/2"	6"	430E120	437E120
21/64"	1-1/2"	6"	430E121	437E121
11/32"	1-1/2"	6"	430E122	437E122
23/64"	1-3/4"	6"	430E123	437E123
3/8"	1-3/4"	7"	430E124	437E124
25/64"	1-3/4"	7"	430E125	437E125
13/32"	1-3/4"	7"	430E126	437E126
27/64"	1-3/4"	7"	430E127	437E127
7/16"	1-3/4"	7"	430E128	437E128
15/32"	1-3/4"	7"	430E130	437E130
1/2"	2"	8"	430E132	437E132
17/32"	2"	8"	430E134	437E134
9/16"	2"	8"	430E136	437E136

Size	Flute Length	Overall Length	Straight Flute 4300E EDP No.	Spiral Flute 4375E EDP No.
19/32"	2"	8"	430E138	437E138
5/8"	2-1/4"	9"	430E140	437E140
21/32"	2-1/4"	9"	430E142	437E142
11/16"	2-1/4"	9"	430E144	437E144
23/32"	2-1/4"	9"	430E146	437E146
3/4"	2-1/2"	9-1/2"	430E148	437E148
25/32"	2-1/2"	9-1/2"	430E150	437E150
13/16"	2-1/2"	9-1/2"	430E152	437E152
27/32"	2-1/2"	9-1/2"	430E154	437E154
7/8"	2-5/8"	10"	430E156	437E156
29/32"	2-5/8"	10"	430E158	437E158
15/16"	2-5/8"	10"	430E160	437E160
31/32"	2-5/8"	10"	430E162	437E162
1"	2-3/4"	10-1/2"	430E164	437E164
1-1/32"	2-3/4"	10-1/2"	430E202	-
1-1/16"	2-3/4"	10-1/2"	430E204	437E204
1-3/32"	2-3/4"	10-1/2"	430E206	-
1-1/8"	2-7/8"	11"	430E208	437E208
1-5/32"	2-7/8"	11"	430E210	-
1-3/16"	2-7/8"	11"	430E212	437E212
1-1/4"	3"	11-1/2"	430E216	437E216
1-5/16"	3"	11-1/2"	430E220	437E220
1-3/8"	3-1/4"	12"	430E224	437E224
1-7/16"	3-1/4"	12-1/2"	430E228	437E228
1-1/2"	3-1/2"	12-1/2"	430E232	437E232

Chucking Reamers

HIGH SPEED STEEL
Metric / Bright & Black

PACKAGING:
All sizes are individually packaged.

4350E Chucking Reamers

STRAIGHT FLUTE / STRAIGHT SHANK / RIGHT HAND CUT

Straight Shank Chucking Reamers are designed for general purpose reaming in machines such as drill presses, turret lathes, and screw machines. They have shorter and deeper flutes than hand reamers. They are regularly pointed with a 45° chamfer and are suitable for machine reaming a wide range of materials.



4350E

Size (mm)	Shank Dia.	Flute Length	Overall Length	4350E EDP No.
2.5	2.5	20	70	435E025
3.0	3.0	20	70	435E030
3.2	3.2	22	80	435E032
3.5	3.5	22	80	435E035
4.0	4.0	22	80	435E040
4.5	4.5	22	80	435E045
5.0	5.0	25	90	435E050
6.0	6.0	28	100	435E060
7.0	7.0	30	110	435E070
8.0	8.0	32	120	435E080
9.0	9.0	36	130	435E090
10.0	10.0	40	140	435E110
11.0	9.0	40	145	435E111

Size (mm)	Shank Dia.	Flute Length	Overall Length	4350E EDP No.
12.0	10.0	40	155	435E112
13.0	11.0	45	160	435E113
14.0	11.0	45	170	435E114
15.0	13.0	45	175	435E115
16.0	13.0	45	180	435E116
17.0	14.0	50	190	435E117
18.0	14.0	50	195	435E118
19.0	16.0	50	205	435E119
20.0	16.0	50	210	435E120
21.0	18.0	55	215	435E121
22.0	18.0	55	225	435E122
23.0	18.0	60	230	435E123
24.0	20.0	60	240	435E124

Hand Reamers

HIGH SPEED STEEL
Fractional / Bright & Black

PACKAGING:
All sizes are individually packaged.

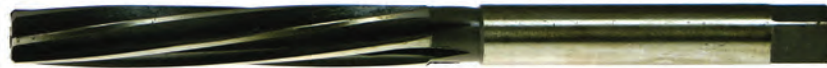
4400E/4450E Hand Reamers

STRAIGHT SHANK WITH SQUARE

Hand Reamers are widely used for final sizing of drilled holes. The square on the shank end is suitable for holding in a tap wrench or vise. The cutting edge is ground with a starting taper to provide easy entry. The helical reamer is preferred where there is an interruption to the cut, such as a keyway.



4400E Straight Flute



4450E Spiral Flute

Size	Flute Length	Overall Length	Straight Flute 4400E EDP No.	Spiral Flute 4450E EDP No.
1/8"	1-1/2"	3"	440E108	445E108
5/32"	1-5/8"	3-1/4"	440E110	445E110
11/64"	1-3/4"	3-1/2"	440E111	-
3/16"	1-3/4"	3-1/2"	440E112	445E112
7/32"	1-7/8"	3-3/4"	440E114	445E114
1/4"	2"	4"	440E116	445E116
9/32"	2-1/8"	4-1/4"	440E118	445E118
5/16"	2-1/4"	4-1/2"	440E120	445E120
11/32"	2-3/8"	4-3/4"	440E122	445E122
3/8"	2-1/2"	5"	440E124	445E124
13/32"	2-5/8"	5-1/4"	440E126	445E126
7/16"	2-3/4"	5-1/2"	440E128	445E128
15/32"	2-7/8"	5-3/4"	440E130	445E130
1/2"	3"	6"	440E132	445E132
17/32"	3-1/8"	6-1/4"	440E134	445E134
9/16"	3-1/4"	6-1/2"	440E136	445E136
19/32"	3-3/8"	6-3/4"	440E138	445E138
5/8"	3-1/2"	7"	440E140	445E140
21/32"	3-11/16"	7-3/8"	440E142	445E142

Size	Flute Length	Overall Length	Straight Flute 4400E EDP No.	Spiral Flute 4450E EDP No.
11/16"	3-7/8"	7-3/4"	440E144	445E144
23/32"	4-1/16"	8-1/8"	440E146	445E146
3/4"	4-3/16"	8-3/4"	440E148	445E148
25/32"	4-3/8"	8-3/4"	440E150	445E150
13/16"	4-9/16"	9-1/8"	440E152	445E152
27/32"	4-11/16"	9-3/8"	440E154	445E154
7/8"	4-7/8"	9-3/4"	440E156	445E156
29/32"	5"	10"	440E158	445E158
15/16"	5-1/8"	10-1/4"	440E160	445E160
31/32"	5-5/16"	10-5/8"	440E162	445E162
1"	5-7/16"	10-7/8"	440E164	445E164
1-1/16"	5-5/8"	11-1/4"	440E204	445E204
1-1/8"	5-13/16"	11-5/8"	440E208	445E208
1-3/16"	6"	12"	440E212	445E212
1-1/4"	6-1/8"	12-1/4"	440E216	445E216
1-5/16"	6-1/4"	12-1/2"	440E220	445E220
1-3/8"	6-5/16"	12-5/8"	440E224	445E224
1-7/16"	6-7/16"	12-7/8"	440E228	445E228
1-1/2"	6-1/2"	13"	440E232	445E232

Reamers

Taper Pin Reamers

HIGH SPEED STEEL
Fractional / Bright & Black

PACKAGING:
All sizes are individually packaged.

4500E/4550E/4570E Taper Pin Reamers

STRAIGHT SHANK with SQUARE

Taper Pin Reamers are manufactured with a taper of 1/4" per foot. They are used to ream holes into which standard taper pins will fit. The point of each reamer will enter hole reamed by the next smaller size. Hole to be reamed should be a few thousands smaller than the small diameter of the finished reamed hole. Square shank allows hand (straight and spiral flute) reamers to be held in a tap wrench or vise, depending on whether the reamer or the part is rotated.

STRAIGHT FLUTE – for hand use in easy to ream materials

SPIRAL FLUTE – for hand use in hard to ream materials

HELICAL FLUTE – for machine reaming on a production basis. Helical design throws the chips forward to relieve packing of the flutes.



4500E Straight Flute



4550E Spiral Flute



4570E Helical Flute

Size	Shank Dia.	Flute Length	Overall Length	Small End Dia.	Large End Dia.	Straight Flute 4500E EDP No.	Spiral Flute 4550E EDP No.	Helical Flute 4570E EDP No.
0	11/64"	1-11/16"	2-15/16"	.1287	.1638	450E000	455E000	457E000
2/0	5/32"	1-9/16"	2-9/16"	.1137	.1462	450E002	455E002	457E002
3/0	9/64"	1-5/16"	2-5/16"	.1029	.1302	450E003	455E003	457E003
4/0	1/8"	1-5/16"	2-5/16"	.0869	.1142	450E004	455E004	457E004
5/0	7/64"	1-3/16"	2-3/16"	.0719	.0966	450E005	455E005	457E005
6/0	3/32"	15/16"	1-15/16"	.0611	.0806	450E006	455E006	457E006
7/0	5/64"	13/16"	1-13/16"	.0497	.0666	450E007	455E007	457E007
1	3/16"	1-11/16"	2-15/16"	.1447	.1798	450E010	455E010	457E010
2	13/64"	1-15/16"	3-3/16"	.1605	.2008	450E020	455E020	457E020
3	15/64"	2-5/16"	3-11/16"	.1813	.2294	450E030	455E030	457E030
4	17/64"	2-9/16"	4-1/16"	.2071	.2604	450E040	455E040	457E040
5	5/16"	2-13/16"	4-5/16"	.2409	.2994	450E050	455E050	457E050
6	23/64"	3-11/16"	5-7/16"	.2773	.3540	450E060	455E060	457E060
7	13/32"	4-7/16"	6-5/16"	.3297	.4220	450E070	455E070	457E070
8	7/16"	5-3/16"	7-3/16"	.3971	.505	450E080	455E080	457E080
9	9/16"	6-1/16"	8-5/16"	.4805	.6066	450E090	455E090	457E090
10	5/8"	6-13/16"	9-5/16"	.5799	.7219	450E100	455E100	457E100