



MADE IN THE UK

>> SPIRAL FLUTE <<

RED RING FOR HARD MATERIALS



Order Number	Description	QTY	CLEARANCE PRICE
112-5BA1110	7/16X14 UNC RED BND - SPIRAL FLUTE	1	\$16.33
112-5BL0480	NO10X32 UNF RED BND - SPIRAL FLUTE	4	\$8.91
112-5EA2200	M22 X 2.5 RED BAND - SPIRAL FLUTE	1	\$65.93

>> SPIRAL POINT <<

RED RING FOR HARD MATERIALS



112-5BF1110	7/16X14 UNC RED BND - SPIRAL POINT	1	\$13.97
112-5BF1430	9/16X12 UNC RED BND - SPIRAL POINT	1	\$24.81
112-5BS0480	NO10X32 UNF RED BND - SPIRAL POINT	3	\$8.27
112-5BS0790	5/16X24 UNF RED BND - SPIRAL POINT	1	\$10.28

>> SPIRAL FLUTE <<

YELLOW RING FOR SOFT MATERIALS



112-5BC0420	8 X32 UNC YELLOW BAND - SPIRAL FLUTE	7	\$6.93
-------------	--------------------------------------	---	--------

>> SPIRAL POINT <<

BLUE RING FOR TOUGH MATERIALS



112-5BG1594	5/8X11 UNC BLUE BAND - SPIRAL POINT	13	\$19.04
112-5BT0484	NO10X32 UNF BLUE BND - SPIRAL POINT	10	\$6.34
112-5BT2544	1 X 12 UNF BLUE BAND - SPIRAL POINT	3	\$52.90

>> SPIRAL FLUTE <<

BLUE RING FOR TOUGH MATERIALS



112-5BB0354	NO6X32 UNC BLUE BAND - SPIRAL FLUTE	24	\$6.77
112-5BB0424	NO8X32 UNC BLUE BAND - SPIRAL FLUTE	10	\$6.93
112-5BB0484	NO10X24 UNC BLUE BND - SPIRAL FLUTE	15	\$7.30
112-5BB0794	5/16X18 UNC BLUE BND - SPIRAL FLUTE	2	\$9.16
112-5BB1114	7/16X14 UNC BLUE BND - SPIRAL FLUTE	10	\$13.78
112-5BM0354	NO6X40 UNF BLUE BAND - SPIRAL FLUTE	10	\$7.34
112-5BM0424	NO8X36 UNF BLUE BAND - SPIRAL FLUTE	4	\$7.34
112-5BM0644	1/4X28 UNF BLUE BAND - SPIRAL FLUTE	11	\$7.99
112-5BM0794	5/16X24 UNF BLUE BND - SPIRAL FLUTE	3	\$9.37
112-5BM0954	3/8X24 UNF BLUE BAND - SPIRAL FLUTE	1	\$9.92



Spiral Point



Order Number	Description	QTY	CLEARANCE PRICE
149-119-717	1 - 8 3FL SP/PT - UNC	1	\$92.17
149-119-727	5/16-24 2FL SP/PT - UNF	1	\$7.56
149-119-755	M4.5X.75 3FL SP/PT - METRIC	1	\$8.42
149-119-761	M10X1.25 3FL SP/PT - METRIC	1	\$9.72
149-119-763	M12X1.25 3FL SP/PT - METRIC	1	\$14.58

Spiral Flute

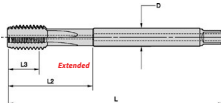


149-119-819	5/16-24 3FL SP/FLUTE - UNF	2	\$9.79
149-119-820	3/8-24 3FL SP/FLUTE - UNF	1	\$11.34



REDUCED NECK

MODIFIED STANDARD



Order Number	Description	QTY	CLEARANCE PRICE
122-25836RED	6-32 H3 2FL GP/DIN LENGTH TAP	1	\$6.23
122-25842RED	10-24 H3 3FL GP/DIN LENGTH TAP	1	\$6.23
122-25872RED	M10X1.5 D6 3FL GP/DIN LENGTH TAP	5	\$15.29



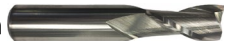
122-C97085	NO.8-32 HS G H3 2F PL SPPT BLUE DIA TAP	2	\$9.44
122-C97139	1/4-28 HS G H3 2F PL SPPT BLUE DIA TAP	2	\$11.66



Order Number	Description	QTY	CLEARANCE PRICE
133-5045-22140	1/2X1/2X5/8X2-1/2 5FL TIALN SUPREME ENDMILL	1	\$39.00

CONTOUR360°

2 Flute Square - Standard Length



Order Number	Description	QTY	CLEARANCE PRICE
113-NC42024	3/8 X 3/8 X 7/8 X 2-1/2	1	\$15.45

2 Flute ALTiN Coated - Square Standard Length



113-NC42020A	5/16 X 5/16 X 7/8 X 2-1/2	1	\$18.71
113-NC42036A	3/4 X 3/4 X 1-1/2 X 4	1	\$87.41

3 Flute TiCN Coated Square End Mill for Aluminum



113-NC43050	1/8 X 1/8 X 1/4 X 1-1/2	2	\$9.08
113-NC43070	5/16 X 5/16 X 13/16 X 2-1/2	1	\$20.00

4 Flute Ballnose - Solid Carbide End Mill



113-NC64008	1/8 X 1/8 X 1/2 X 1-1/2	1	\$5.00
-------------	-------------------------	---	--------

4 Flute TiAlN Coated Ballnose Solid Carbide End Mill



113-NC64020A	5/16 X 5/16 X 7/8 X 2-1/2	1	\$20.00
--------------	---------------------------	---	---------

4 Flute Corner Radius TiCN, Standard Length
W = WELDON FLAT

113-NCM4143W-MOD	1X1X1-1/2X4 CORNER RAD MODIFIED SHANK	2	\$129.90
------------------	---------------------------------------	---	----------

4 Flute Corner Radius Stub Length



113-NCM1020	5/16 X 5/16 X 7/16 X 2 .015-.020R	2	\$19.68
113-NCM1028	7/16 X 7/16 X 9/16 X 2-1/2 .015-.020R	2	\$30.45
113-NCM1034	5/8 X 5/8 X 3/4 X 3 .030-.035R	2	\$58.44
113-NCM1040	1 X 1 X 1-1/4 X 3 .030-.035R	1	\$142.86

4 Flute Ball End, TiCN, Standard Length



113-NCM6034	5/8 X 5/8 X 1-5/8 X 3-1/2	1	\$64.83
-------------	---------------------------	---	---------

4 Flute Ball End, Stub Length



113-NCM2011	5/32 4FL B/N STUB MULTIMILL	3	\$9.00
113-NCM2012	3/16 4FL B/N STUB MULTIMILL	4	\$10.92



Minicut



Order Number	Description	QTY	CLEARANCE PRICE
133-2000-22340	3/8 3/8 1-1/8 3 2FL UNCOATED	118	\$22.71
133-2000-22380	1/2 1/2 2 4 2FL UNCOATED	10	\$36.46
133-2000-22395	5/8 5/8 1-1/4 3-1/2 2FL UNCOATED	2	\$51.50
133-2000-22415	3/4 3/4 1-1/2 4 2FL UNCOATED	32	\$75.23
133-2000-22660	1/32 1/8 3/32 1-1/2 TiCN	1	\$10.17
133-2000-22955	1/4 1/4 1-1/8 3 2FL TIALN SUPREME	103	\$20.59
133-2000-22960	5/16 5/16 1/2 2 2FL TIALN SUPREME	188	\$16.54
133-2000-22965	5/16 5/16 13/16 2-1/2 2FL TIALN SUPREME	155	\$18.75
133-2000-22985	3/8 3/8 1-1/8 3 2FL TIALN SUPREME	179	\$29.14
133-2000-23025	1/2 1/2 2 4 2FL TIALN SUPREME	43	\$46.67



133-2045-20025	5/16 5/16 1-3/8 3 2FL UNCOATED	2	\$37.29
----------------	--------------------------------	---	---------



133-2050-23215	5/8 5/8 2-1/4 5 2FL BN UNCOATED	2	\$91.36
133-2050-23720	5/8 5/8 1-1/4 3-1/2 2FL BN TIALN SUPREME	1	\$68.22



133-3000-23875	5/16 5/16 1-5/8 4 3FL UNCOATED	11	\$21.90
----------------	--------------------------------	----	---------



133-4035-21385	7/16 7/16 5/8 2-1/2 4FL TIALN SUPREME	1	\$49.91
133-4035-21415	3/4 3/4 1 3 4FL TIALN SUPREME	2	\$107.45



133-4050-26350	1 1 3 6 4FL BN UNCOATED	2	\$237.05
----------------	-------------------------	---	----------



Order Number	Description	QTY	CLEARANCE PRICE
172-250-31220-C5	5/16 X 5/16 X 1-1/4 X 3-1/2 2FL SEEM AL	1	\$43.42
172-250-31232-C5	5/16 X 5/16 X 2-1/8 X 4 2FL SEEM ALUM Z	3	\$45.37
172-250-37508BN	3/8 X 3/8 X 1/2 X 2-1/2 2FL SEEM ALUM B-UNCOATED	2	\$35.55
172-250-37508BN-C5	3/8 X 3/8 X 1/2 X 2-1/2 2FL SEEM ALUM BALLNOSE-ZRN	2	\$40.55

2 Flute Variable Helix for Aluminum – 251 Series


172-251S2500-C5	1/4 X 1/4 X 3/8 X 2-1/2 2FLV-SERIES STU	1	\$19.93
172-251S4375-C5	7/16 X 7/16 X 9/16 X 2-3/4 2 FLT STUB SE	1	\$47.08
172-251S7500-C5	3/4 X 3/4 X 1 X 4 2 FLT STUB SE V-SERIES	1	\$125.58

3 Flute for Aluminum – 350 Series


172-350-75016NS40	3/4 X 3/4 X 1 X 5 3FL SEEM ALUM NECKED	1	\$71.97
172-350-75024-C5	3/4 X 3/4 X 1-1/2 X 4 3FL SE ALUM ZRN	4	\$133.99
172-350-75032	3/4 X 3/4 X 2 X 5 3FL SEEM ALUM	1	\$149.00

4 Flute Variable Helix with Corner Radius for Steel – 436 Series


172-436S2500-C10	1/4X3/8 VH 4FL S/C COATED E/M	1	\$16.89
172-436S3125-C10	5/16X7/16 VH 4FL S/C COATED E/M	1	\$20.67
172-436-3125-C10	5/16X13/16 VH 4FL S/C COATED E/M	1	\$25.71
172-436-3750-C10	3/8X1 VH 4FL S/C COATED E/M	1	\$31.79
172-436-7500-C10	3/4X1-5/8 VH 4FL S/C COATED E/M	2	\$145.79
172-436S4375-C11	7/16 X 7/16 X 9/16 X 2-1/2 4FL SE V-SER	3	\$32.14
172-436S5000-C11	1/2 X 1/2 X 5/8 X 2-1/2 4FL SEEM V-SERI	2	\$43.19
172-436-2500BN-C10	1/4X3/4 B/N H.V. 3FL CARB E/MILL	1	\$19.50
172-436-5000BN-C11	1/2 X 1/2 X 1-1/4 X 3 4FL SEEM V-SERIES	2	\$65.73

4 Flute Variable Helix with Corner Chamfer for Steel – 446 Series


172-446S2500-C10	1/4X3/8X.010 VHC 4FL S/C COATED E/M	1	\$16.89
172-446S3125-C10	5/16X7/16X.010 VHC 4FL S/C COATED E/M	1	\$20.57
172-446-3125-C10	5/16X13/16X.010 VHC 4FL S/C COATED E/M	1	\$25.71
172-446S3750-C10	3/8X1/2X.015 VHC 4FL S/C COATED E/M	1	\$26.49
172-446-5000-C10	1/2X1-1/4X.015 VHC 4FL S/C COATED E/M	2	\$52.72
172-446S7500-C10	3/4X1X.020 VHC 4FL S/C COATED E/M	1	\$119.32
172-446-7500-C10	3/4X1-5/8X.020 VHC 4FL S/C COATED E/M	1	\$145.79
172-446S2500-C11	1/4 X 1/4 X 3/8 X 2 4FL SEEM V-SERIES S	1	\$16.89
172-446S3125-C11	5/16 X 5/16 X 7/16 X 2 4FL SEEM V-SERIE	1	\$20.67
172-446-3125-C11	5/16 X 5/16 X 13/16 X 2-1/2 4FL SEEM V	1	\$25.71
172-446S3750-C11	3/8 X 3/8 X 1/2 X 2 4FL SEEM V-SERIES S	1	\$26.49
172-446S4375-C11	7/16 X 7/16 X 9/16 X 2-1/2 4FL SE V-SER	2	\$32.14
172-446-4375-C11	7/16 X 7/16 X 1 X 2-3/4 4FL SE V-SERIES	1	\$39.94
172-446S5000-C11	1/2 X 1/2 X 5/8 X 2-1/2 4FL SEEM V-SERI	1	\$43.19
172-446-5000-C11	1/2 X 1/2 X 1-1/4 X 3 4FL SEEM V-SERIES	1	\$52.72
172-446S7500-C11	3/4 X 3/4 X 1 X 3 4FL V-SERIES STUB SEE	2	\$119.32



Jobber Length Drill Bits Full TiN Coating

Order Number	Description	QTY	CLEARANCE PRICE
112-5103-1009	9/64" KOMBAT JBR DRILL	12	\$0.78
112-5103-1017	17/64" KOMBAT JBR DRILL	18	\$1.76
112-5103-1026	13/32" KOMBAT JBR DRILL	2	\$4.63

HSS THROWAWAY END MILLS


112-5380-1014	7/32 STD THROWAWAY ENDMILL	5	\$3.50
112-5380-3014	7/32 STD THROWAWAY TIN ENDMILL	10	\$4.50
112-5381-1014	7/32" THROWAWAY CUTTER-LONG	1	\$3.00



Order Number	Description	QTY	CLEARANCE PRICE
103-V2080304S	VIPER 1/8, 2 FLT, 3/16 LOC, 1/2 LBS, 1-1/2 OAL, STEALTH COATING	3	\$10.90
103-V2321011S	VIPER 1/2, 2 FLT, 5/8 LOC, 1-3/8 LBS, 3 OAL, STEALTH COATING	6	\$45.58
103-V24012S	VIPER 5/8, 2 FLT, 3/4 LOC, 3-1/2 OAL, STEALTH	3	\$73.10
103-BV24012S	BALL VIPER 5/8, 2 FLT, 3/4 LOC, 3-1/2 OAL, STEALTH COATING	1	\$90.30

3 Flute Square End

Aluminum & Non-Ferrous, Var.-Helix



103-V30501	VIPER 5/64 DIA, 3 FLT, 7/64 LOC, 1/8 SHK, 1-1/2 OAL	1	\$21.60
103-V32008S	VIPER 5/16, 3 FLT, 1/2 LOC, 2 OAL, STEALTH COATING	2	\$24.37
103-V32013S	VIPER 5/16, 3 FLT, 13/16 LOC, 2-1/2 OAL, STEALTH COATING	1	\$32.73

4 Flute Square End

General Purpose Steel, Var.-Helix



103-R61606RC	RAPTOR 1/4, 3/6 FLT, 3/8 LOC, .015-.020 RAD, 2 OAL, ALTN COATING	2	\$15.77
103-R62408C	RAPTOR 3/8, 3/6 FLT, 1/2 LOC, 2 OAL, ALTN COATING	1	\$23.79
103-R62408RC	RAPTOR 3/8, 3/6 FLT, 1/2 LOC, .015-.020 RAD, 2 OAL, ALTN COATING	8	\$26.09
103-R63210RC	RAPTOR 1/2, 3/6 FLT, 5/8 LOC, .025-.030 RAD, 3 OAL, ALTN COATING	6	\$43.86
103-R63220RC	RAPTOR 1/2, 3/6 FLT, 1-1/4 LOC, .025-.030 RAD, 3 OAL, ALTN COATING	2	\$49.88

3/8 Flute Square End

Contouring Exotic Materials, Var.-Helix



103-DVH405010RC	DVH 5/64 DIA, 4 FLT, 7/64 LOC, .005 RAD, 3/16 SHK, 2 OAL, ALTN COATING	4	\$21.00
103-DVH43210RC	DVH 1/2, 4 FLT, 5/8 LOC, .025-.030 RAD, 3 OAL, ALTN COATING	2	\$43.86

Diamond Back Roughers

Heavy Aluminum Roughing, Var.-Helix



103-DR3321011R030S	DBACK ROUGHER 1/2, 3 FLT, 5/8 LOC, .030 RAD, 1-3/8 LBS, 3 OAL, STEALTH COATING	1	\$61.35
103-DR34816R030S	DBACK ROUGHER 3/4, 3 FLT, 1 LOC, .030 RAD, 4 OAL, STEALTH COATING	1	\$123.26



Order Number	Description	QTY	CLEARANCE PRICE
210-CID-AL3-CB4375	ENDMILL-ALU-3FL-7/16"	4	\$40.00
210-CID-AL3-CB6250	ENDMILL-ALU-3FL-5/8"	1	\$84.00
210-CID-AL3-CB1000-E	1" CID 3FL UNCOATED W/ CHIPBREAKER ECC REL	4	\$125.00

3 FLUTE SQUARE ALTN COATED


210-CID-SS1000	ENDMILL-SQ-3FL-TIALN-1"	1	\$111.50
----------------	-------------------------	---	-----------------

3 FLUTE BALL NOSE TiCN COATED


210-CID-TC-BSS1250	ENDMILL-BALL-3FL-TICN COATED-1/8"	1	\$7.38
210-CID-TC-BSS4375	ENDMILL-BALL-3FL-TICN COATED-7/16"	10	\$30.72
210-CID-TC-BSS6250	ENDMILL-BALL-3FL-TICN COATED-5/8"	7	\$66.77
210-CID-TC-BSS1000	ENDMILL-BALL-3FL-TICN COATED-1"	6	\$134.20

4 FLUTE BALL NOSE - UNCOATED


210-CID-B2500	ENDMILL-BALL-4FL-1/4 (4050-26230)"	2	\$10.95
---------------	------------------------------------	---	----------------

4 FLUTE ROUGHER, FINE FITCH, ALTN COATED


210-CID-RO-STD1000	ROUGHER-4FL-TIALN-1 (4035-21425)"	1	\$179.98
--------------------	-----------------------------------	---	-----------------

5 FLUTE SQUARE - ALTN COATED


210-CID-SHH1250	ENDMILL-SQ-5FL-TIALN-1/8 (5045-22035)"	1	\$7.58
210-CID-SHH3125	ENDMILL-SQ-5FL-TIALN-5/16 (5045-22090)"	1	\$16.58

Distributed by



Call: 905.624.5524

Email: sales@caliberindustrial.com

Dear Customers

Please note that our clearance items quantities are limited and first ordered first served, so make sure to order quickly and make your selections before they are sold out.