



**M42(H.S.S.+8% COBALT)
FINISHING CNC END MILL,
4 FLUTE, TiAlN COATED**

- Features:
- Center cutting
 - M42-8% premium cobalt
 - Flutes ground by a world class ISO-9002 factory. CNC qualified

Item	Dia	Shk Dia	Flt Length	Oal	Price
6800-4001	1/8"	3/8"	3/8"	2-5/16"	\$20.00/PC
6800-4021	1/4"	3/8"	5/8"	2-7/16"	\$20.00/PC
6800-4041	3/8"	3/8"	3/4"	2-1/2"	\$22.00/PC
6800-4051	1/2"	1/2"	1-1/4"	3-1/4"	\$28.00/PC
6800-4061	5/8"	5/8"	1-5/8"	3-3/4"	\$46.00/PC
6800-4081	3/4"	3/4"	1-5/8"	3-7/8"	\$59.00/PC
6800-4101	7/8"	7/8"	1-7/8"	4-1/8"	\$76.00/PC
6800-4121	1"	1"	2"	4-1/2"	\$105.00/PC

**32PCS H.S.S. 1/2"
SHANK S&D DRILL SET**

- Features:
- High-speed steel
 - 32pcs/set with 1/2" shank silver & deming drill set in a fitted case
 - Size: 33/64"-1 by 64ths.
 - All sizes 6" overall with 3" flute length
 - In strong wooden block
 - Black oxide finished



Item #H516-6506
\$288⁰⁰set

**115PCS M35(H.S.S.+5% COBALT)
JOBBER LENGTH DRILL SET
135° SPLIT POINT**

- Features:
- M35(HSS+5% Cobalt)
 - 115 pcs/set: 1/16" - 1/2" by 64ths, No. 1 to 60 and A to Z
 - Straight shank, ANSI standard
 - Right-hand
 - With aggressive 135° split points, these cobalt drills bits not only last longer while drilling but also cut faster than standard high-speed steel bits. It's ideal for drilling cast iron, heat-treated steel, stainless steel and other hard materials.
 - In strong fitted metal box



Item # 0422-1003 \$336.00/SET

**8PCS M35(H.S.S.+5% COBALT)
1/2" SHANK S&D DRILL SET
135° SPLIT POINT**

- Features:
- M35(H.S.S.+5% Cobalt)
 - 8pcs/set with 1/2" shank silver & deming drill set in a fitted plastic box
 - Size: 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", & 1"
 - With aggressive 135° split points, these cobalt drills bits not only last longer while drilling but also cut faster than standard high-speed steel bits. It's ideal for drilling cast iron, heat-treated steel, stainless steel and other hard materials.
 - Straight shank with 3-Equal-flats to fit 1/2" chucks
 - All sizes 6" overall with 3" flute length
 - Gold and black color



Item# H516-6507 \$199.00/SET

H.S.S. KEYWAY BROACH SET NO.40A Standard Set

- Features:
- The most common keyway combinations for keyways and bores.
 - 4 broaches & 8 bushings = 22 combinations(5100-0042)
 - 4 broaches & 13 bushings = 26 combinations(5100-0070)

Item #5100-0042 \$788.00/SET

Keyway Size	Broach Style	Bushing Dia Bore Size Plain Only
5/16"	D	1-1/2", 1-5/8",
3/8"	D	1-3/4", 1-7/8",
7/16"	D	2", 2-1/8", 2-1/4", 2-1/2"
1/2"	D	



5100-0042

NO.70 Metric Set

Item #5100-0070 \$616.00/SET

Keyway Size	Broach Style	Bushing Dia Bore Size Plain Only
4mm	B	12, 14, 15, 16mm
5mm	B	
6mm	C	18, 19, 20, 22, 24,
8mm	C	25, 26, 28, 30mm

**29PCS M35(H.S.S.+5% COBALT)
PROFESSIONAL JOBBER
LENGTH DRILL SET
135° SPLIT POINT**

- Features:
- M35(H.S.S.+5% Cobalt)
 - Sets includes: 1/16"-1/2" by 1/64"
 - Straight shank, ANSI standard;
 - Right-hand;
 - 135° split point for fast penetration and accurate starting with no punch.
 - Retains hardness at high temperatures.
 - Lasts 12x longer than standard 118° point drill bits
 - With aggressive, these cobalt drills bits not only last longer while drilling but also cut faster than standard high-speed steel bits. It's ideal for drilling cast iron, heat-treated steel, stainless steel and other hard materials.
 - In strong Rose-plastic box



Item #0422-0029
\$159.00/SET

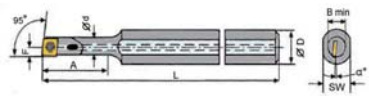
SCLCR COOLANT THROUGH INDEXABLE BORING BAR

Right Hand • CCMT 21.5 or 32.5 or CCMT432 Insert, 7° Relief

- Features:
- Light roughing to finishing uses small to medium size bores.
 - General purpose fitted with rhomboidal positive inserts(80° angle) which are free cutting with strong cutting edges.
 - Insert clamped securely in pocket directs cutting forces back into the insert.
 - The bar coolant hole can be used to flush chips and cool the cutting edge zone.
 - Includes CCMT21.5 or 32.5 or CCMT432 TiN Coated insert and a key.
 - Hardened nitride steel bars for long life.



2800-0038



Item	Model #	Shank D	Overall Length L	Neck Diameter d	A	α°	F	Min Bore B	Insert	Price
2800-0034	A05H SCLCR-2	5/16"	4.000"	0.276"	0.945"	15°	0.187"	0.315"	CCMT 21.5	\$49.00/PC
2800-0035	A06J SCLCR-2	3/8"	4.500"	0.336"	1.000"	13°	0.250"	0.480"	CCMT 21.5	\$49.00/PC
2800-0036	A08K SCLCR-3	1/2"	5.000"	0.461"	1.220"	10°	0.312"	0.600"	CCMT 32.5	\$55.00/PC
2800-0037	A10M SCLCR-3	5/8"	6.000"	0.586"	1.339"	7°	0.406"	0.770"	CCMT 32.5	\$58.00/PC
2800-0038	A12R SCLCR-3	3/4"	8.000"	0.712"	1.418"	7°	0.500"	0.930"	CCMT 32.5	\$66.00/PC
2800-0039	A16S SCLCR-3	1"	10.000"	0.961"	1.540"	3°	0.651"	1.300"	CCMT 432	\$80.00/PC

**19PCS M35
(H.S.S.+5% COBALT)
TWIST DRILL SET, METRIC
135° SPLIT POINT**

- Features:
- M35(H.S.S.+5% Cobalt)
 - 19pcs/set: 1-10mm x 0.5mm
 - Fully ground from the solid
 - Right - hand
 - With aggressive 135° split point, these cobalt drill bits not only last longer while drilling but also cut faster than standard high-speed steel bits. It's ideal for drilling cast iron, heat-treated steel, stainless steel and other hard materials.
 - In strong Rose-plastic box



Item #3110-1119
\$69⁰⁰set