

# TOOL BITS

ICS WIS

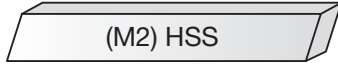
GENERAL PURPOSE

PRECISION GROUND

## HIGH SPEED STEEL

(M2) High Speed Steel Tool Bits are designed for general purpose machining of mild steel, alloys, and tool steels. They have good heat and abrasion resistant properties and are best used when making an interrupted cut or where the tool may be subjected to heavy load or shock.

### SQUARE SECTION



(M2) HSS

Both ends beveled 10°

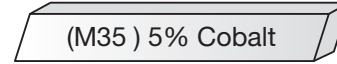
SIZE	OVERALL LENGTH	HSS
		TB-SQ
1/8	2-1/2	2.36
3/16	2-1/2	2.36
1/4	2-1/2	2.90
1/4	4	4.72
5/16	2-1/2	3.54
5/16	4	7.88
3/8	3	5.04
3/8	4	5.78
3/8	6	12.18

SIZE	OVERALL LENGTH	HSS
		TB-SQ
7/16	3-1/2	7.20
1/2	4	9.28
1/2	6	18.90
5/8	4-1/2	14.98
3/4	5	22.10
7/8	6	35.48
1	7	63.00
1-1/4	7	115.50

## 5% COBALT (M35)

(M35) 5% Cobalt Tool Bits are designed for heavy duty machining of alloy steels and tough materials, such as castings and forgings. They have high heat and abrasion resistant properties and are best used when making heavy cuts, at high speeds and feeds, or where high heat is a factor.

### SQUARE SECTION



(M35) 5% Cobalt

Both ends beveled 10°

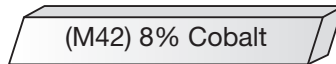
SIZE	OVERALL LENGTH	HSS
		TB-SQ5C
1/8	2-1/2	4.08
3/16	2-1/2	4.08
1/4	2-1/2	5.36
1/4	4	7.96
5/16	2-1/2	6.48
5/16	4	10.12
3/8	3	8.20
3/8	4	11.30

SIZE	OVERALL LENGTH	HSS
		TB-SQ5C
7/16	3-1/2	12.78
1/2	4	14.76
1/2	6	25.20
5/8	4-1/2	26.34
3/4	5	40.50
7/8	6	69.38
1	7	84.68
1-1/4	7	134.58

## 8% COBALT (M42)

(M42) 8% Cobalt tool bits are designed for machining work hardening alloys and other tough materials. They have increased water resistance and tool life. This improves performance and retention of the cutting edge.

### SQUARE SECTION



(M42) 8% Cobalt

Both ends beveled 10°

SIZE	OVERALL LENGTH	HSS
		TB-SQ8C
3/16	2-1/2	5.26
1/4	2-1/2	5.78
5/16	2-1/2	7.00
3/8	3	10.50
7/16	3-1/2	14.70

SIZE	OVERALL LENGTH	HSS
		TB-SQ8C
1/2	4	19.26
5/8	4-1/2	21.52
3/4	5	30.46
7/8	6	49.88

#### PACKAGING

1/8 to 3/8 - 10 Tools / Pkg., 7/16 to 1/2 - 5 Tools / Pkg., 5/8 to 1-1/4 - 1 Tool / Pkg.

## RECTANGULAR SECTION



(M2) HSS

SIZE	OVERALL LENGTH	HSS
		TB-R
1/4 x 3/8	3	5.40
1/4 x 1/2	4	6.48
1/4 x 3/4	5	11.34
1/4 x 1	6	16.28
5/16 x 7/16	3	9.60
3/8 x 1/2	4	9.72
3/8 x 3/4	5	15.64

SIZE	OVERALL LENGTH	HSS
		TB-R
1/2 x 3/4	5	18.38
1/2 x 1	7	31.26
1/2 x 1-1/4	7	38.50
5/8 x 3/4	5	30.98
3/4 x 1	6	47.78
3/4 x 1-1/4	7	59.74

#### PACKAGING

1/4 to 3/8 - 5 Tools / Pkg., 1/2 to 3/4 - 1 Tool / Pkg.

## ROUND SECTION



(M2) HSS

SIZE	OVERALL LENGTH	HSS
		TB-RD
1/8	2-3/4	1.06
5/32	3-1/8	1.14
3/16	3-1/2	1.36
1/4	4	1.90
5/16	4-1/2	2.94
3/8	5	4.20

SIZE	OVERALL LENGTH	HSS
		TB-RD
7/16	5-1/2	5.62
1/2	6	7.28
5/8	6	14.38
3/4	6	20.80
1	6	36.50

#### PACKAGING

1/8 to 1/4 - 10 Tools / Pkg., 5/16 to 1/2 - 5 Tools / Pkg., 5/8 to 1 - 1 Tool / Pkg.