



# Hex Shank Multi Step Drills

List No. MSD-HEX

Titanium Nitride Coated / 1/4" Hex Shank / Split Point

Description: Graduated step design creates clean, accurate, bur free holes of multiple diameters in all sheet metals up to 1/8" thick. Self starting tip eliminates the need for pilot hole drilling. Hex shank for quick fit use in portable power tools.

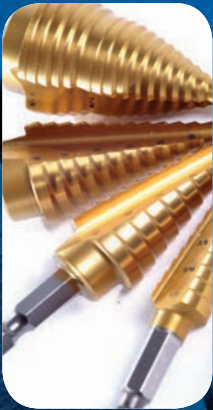
Application: Junction boxes, switch boxes, metal studs, electrical appliances, lighting fixtures, PVC, plexiglass and auto body repair.



## An Entire Drill Set In One Drill



- Titanium Nitride Coated for extended life and increased performance
- Cuts steel plate, stainless steel, sheet metal and tubing
- 1/4" Hex shank for use in QCD (quick change driver)
- Self starting, split-point bites right in, reduces walking
- Step size laser marked onto tool
- 2 flute design provides balanced, symmetrical and faster, cleaner holes
- Great in cordless impact drivers
- Perfect for use in battery powered drills because they cut quickly with low power consumption



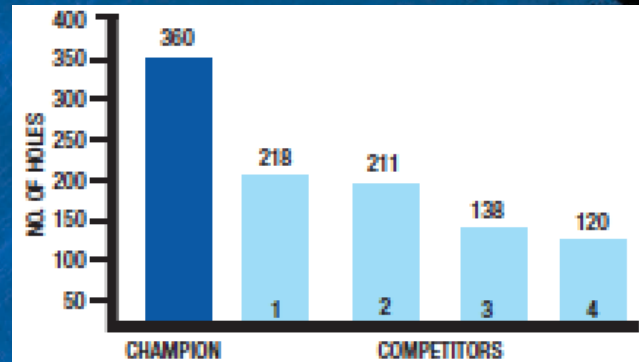
### MSD-HEX Performance

65% more holes than the nearest competitor

Life Testing performed on Champion MSD-Hex Drills versus four competitor products.

Test parameters included:

- Fixed force of 50lbs
- 1/2" hole to be drilled
- Maximum time limit of 60 seconds allowed
- Maximum 360 holes per bit recorded



EDP No./ Diameter	Size Range
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MSD-HEX-1	1/8-1/2 (13 Step)
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MSD-HEX-3	1/4-3/4 (9 Step)
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MSD-HEX-4	3/16-7/8 (12 Step)
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MSD-HEX-13	1/4X1-1/8 (13 Step)
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EDP No.	Contents
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MSD-HEX-SET	MSD-HEX-1, MSD-HEX-3, MSD-HEX-4 & QCD
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EDP No.	Contents
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ELEC-KIT	MSD-HEX-13, CT3 hole cutters(7/8, 1-1/8, 1-3/8) and QCD (Quick Change Driver)
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EDP No.	Contents
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QCD	Quick change driver for 1/4" & 3/8" hex shank tools
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### 1/4" SHANK EXTENSIONS List No. QCD-EXT-6/12/24

EDP No.	Description
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QCD-EXT-6*	6" Extension drive for 1/4" hex shank tools
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QCD-EXT-12*	12" Extension drive for 1/4" hex shank tools
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QCD-EXT-24*	24" Extension drive for 1/4" hex shank tools
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\* Will only accommodate 1/4" shanks



MSD-HEX-SET including QCD (quick change driver)



- Industrial quality quick change driver extensions for 1/4" shank tools with hex shanks
- Designed for one-handed quick release
- Carbon steel manufacture for extended tool life
- Fits old and new 1/4" hex shanks with or without power groove



# Multi Step Drills

List No. MSD

2 Flute / HSS / Split Point



Description: Graduated step design creates clean, accurate, bur free holes of multiple diameters in all sheet metals up to 1/8" thick. Self starting tip eliminates the need for pilot hole drilling, while the balanced double flute design provides less chattering.

Application: Junction boxes, switch boxes, metal studs, electrical appliances, lighting fixtures, PVC, plexiglass and auto body repair.

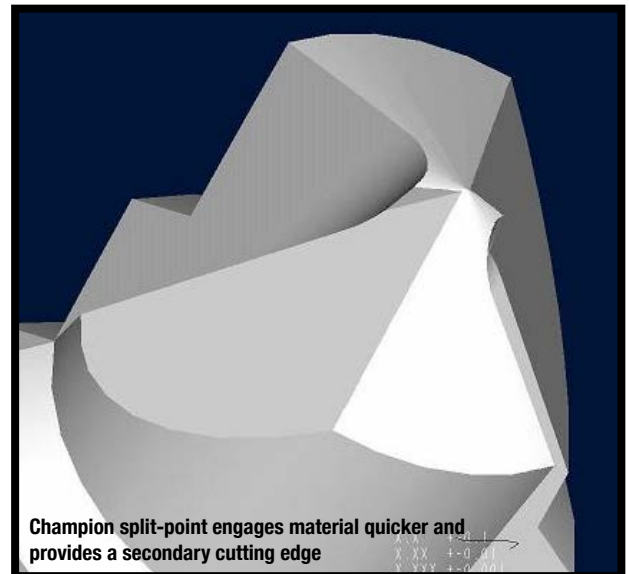
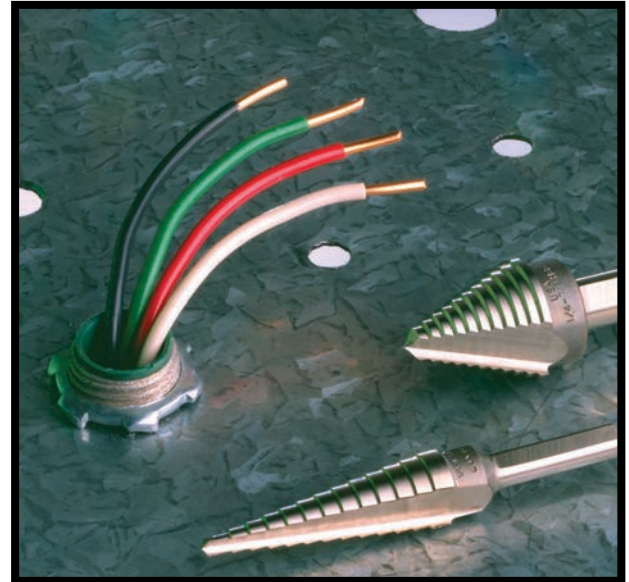
EDP No./ Diameter	No. of Steps	Size Range
MSD-1/2 x 1/8	13	1/8-1/2 x 32nds
MSD-1/2 x 3/16	6	3/16-1/2 x 16ths
MSD-7/8 x 1/4	9	single hole 7/8
MSD-3/4 x 1/4	9	1/4-3/4 x 16ths
MSD-7/8 x 3/16	12	3/16-7/8 x 16ths
MSD-1-1/8 x 7/16	12	7/16-1-1/8 x 16ths
MSD-3/8	1	single hole - 3/8
MSD-1/2	1	single hole - 1/2
MSD-1 x 9/16*	9	9/16-1 x 16ths
MSD-1-3/8 x 1/4	10	1/4-1-3/8 x 16ths
MSD-1-3/8 x 3/4	10	1/4-1-3/8 x 16ths
MSD-1-1/8 x 1/4	1	single hole - 1-1/8
MSD-1-1/2 x 1/4	11	1/4-1-1/2 x 8ths

\*MSD-1 x 9/16 has no drill point

EDP No.	Contents
MSD-SET	MSD-1/2 x 1/8, MSD-1/2 x 3/16, MSD-3/4 x 1/4



MSD-SET



Champion split-point engages material quicker and provides a secondary cutting edge

## CROSS REFERENCE:

CHAMPION MSD	UNIBIT®	KLEIN®	VARIBIT®	BOSCH®	MK MORSE®
1/2X1/8	#1	59001	VB1	SDH1	ESD01
7/8X3/16	#4	590014	VB8	SDH2	ESD03
3/4X1/4	#3	59003	VB3	SDH3	ESD04
7/8X1/4	#11	59008	VB7	SDH5	ESD10
3/8	#12	59007	VB6	SDH12	ESD06
1/2	#10	59007	VB6	SDH8	ESD07
1X9/16	#20	59002	VB2	SDH7	ESD08
1/2X3/16	#2	59005	VB4	SDH6	ESD02
1-3/8X1/4	#5	59004	VB12		
1-1/8X1/4	#13	590011	VB11	SDH11	ESD05