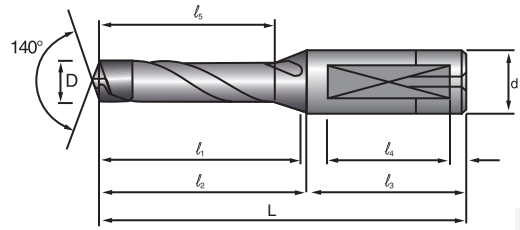
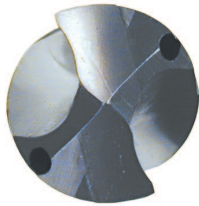


# KDS-LAV Series Brazed Carbide-Tipped Drills



In most cases coolant through drills can reduce cycle time up to 50%.



## KDS-LAV

Cat. No.	Cutting Diameter (D)			Dimensions						
	Fractional	Metric	Decimal	d	L	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>
				Shank Diameter	Overall Length	Flute Length	Body Length	Shank Length	Shank Flat	Flute Length (less taper)
KDS03750LAV	3/8		.3750	5/8	4 17/32	2 9/16	2 21/32	1 7/8	1 3/8	2 1/4
KDS03906LAV	25/64		.3906							
KDS04063LAV	13/32		.4063							
KDS04219LAV	27/64		.4219							
KDS04375LAV	7/16		.4375							
KDS04531LAV	29/64		.4531							
KDS04688LAV	15/32		.4688							
KDS04843LAV	31/64		.4843							
KDS05000LAV	1/2		.5000							
KDS05156LAV	33/64		.5156							
KDS05313LAV	17/32		.5313	5 1/2	5 7/64	3 9/64	3 15/64	1 7/8	1 3/8	2 43/64
KDS05469LAV	35/64		.5469							
KDS140LAV		14.0mm	.5512							
KDS05625LAV	9/16		.5625							
KDS145LAV		14.5mm	.5709							
KDS05781LAV	37/64		.5781							
KDS05938LAV	19/32		.5938							
KDS06094LAV	39/64		.6094							
KDS155LAV		15.5mm	.6102							
KDS06250LAV	5/8		.6250							
KDS06310LAV	—		.6310	3/4	6 9/64	4 3/64	4 9/64	2	1 1/2	3 11/32
KDS06406LAV	41/64		.6406							
KDS165LAV		16.5mm	.6496							
KDS06563LAV	21/32		.6563							
KDS06719LAV	43/64		.6719							
KDS06875LAV	11/16		.6875							
KDS07031LAV	45/64		.7031							
KDS180LAV		18.0mm	.7087							
KDS07188LAV	23/32		.7188							
KDS186LAV		18.6mm	.7323							
KDS07344LAV	47/64		.7344	1	7 17/32	5 13/64	5 9/32	2 1/4	1 3/4	4 13/64
KDS07500LAV	3/4		.7500							
KDS07656LAV	49/64		.7656							
KDS07813LAV	25/32		.7813							
KDS200LAV		20.0mm	.7874							
KDS07969LAV	51/64		.7969							
KDS08125LAV	13/16		.8125							
KDS08281LAV	53/64		.8281							
KDS08438LAV	27/32		.8438							
KDS08594LAV	55/64		.8594							

MDS

KDS

WDS

SMD

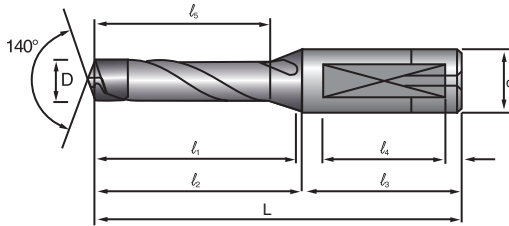
sumi  
Chamfer™

Drill  
Adapters  
& Holders

Note: Special diameters and dimensions available per quotation.

(continued on next page)

# KDS-LAV Series Brazed Carbide-Tipped Drills


**MDS**

- New TiAlN Coating
- Patented V-Point Geometry
- Brazed Carbide-Tip Offers Multiple Regrinds

**KDS**


Tolerances of Diameters (in.)		
Size	Cutting Dia.	Shank Dia.
$D \leq .3937$	+0 -.00059	+0 -.00035
$.3937 < D \leq .709$	+0 -.00071	+0 -.00043
$.709 < D \leq 1.181$	+0 -.00083	+0 -.00051
$1.181 < D$	+0 -.00098	+0 -.00063

*(continued from previous page)*
**WDS**

## KDS-LAV

Cat. No.	Cutting Diameter (D)			Dimensions													
	Fractional	Metric	Decimal	d	L	$l_1$	$l_2$	$l_3$	$l_4$	$l_5$							
				Shank Diameter	Overall Length	Flute Length	Body Length	Shank Length	Shank Flat	Flute Length (less taper)							
KDS220LAV		22.0mm	.8661	25.0mm	200.0mm	142.0mm	144.0mm	56.0mm	45.0mm	124.0mm							
KDS08750LAV	7/8		.8750	1	8 5/16	5 63/64	6 1/16	2 1/4	1 3/4	5 5/64							
KDS08906LAV	57/64		.8906														
KDS09063LAV	29/32		.9063														
KDS09219LAV	59/64		.9219														
KDS09375LAV	15/16		.9375	1 1/4	8 41/64	6 7/32	6 17/64	60.0mm	50.0mm	135.0mm							
KDS240LAV		24.0mm	.9449	32.0mm	220.0mm	158.0mm	160.0mm										
KDS09531LAV	61/64		.9531	1 1/4	8 7/8	6 27/64	6 1/2				2 3/8	1 7/8	5 33/64				
KDS09688LAV	31/32		.9688														
KDS09844LAV	63/64		.9844														
KDS10000LAV	1		1.0000														
KDS10156LAV	1 1/64		1.0156	32.0mm	230.0mm	168.0mm	170.0mm	60.0mm	50.0mm	146.0mm							
KDS260LAV		26.0mm	1.0236														
KDS10313LAV	1 1/32		1.0313								1 1/4	9 17/64	6 13/16	6 57/64	2 3/8	1 7/8	6 11/64
KDS10469LAV	1 3/64		1.0469														
KDS10625LAV	1 1/16		1.0625														
KDS10781LAV	1 5/64		1.0781														
KDS10938LAV	1 3/32		1.0938	1 1/4	9 7/16	7	7 1/16	2 3/8	1 7/8	6 3/8							
KDS11094LAV	1 7/64		1.1094														
KDS11250LAV	1 1/8		1.1250														
KDS11406LAV	1 9/64		1.1406														
KDS11563LAV	1 5/32		1.1563	10 3/64	7 19/32	7 43/64	6 37/64										
KDS11719LAV	1 11/64		1.1719														
KDS11875LAV	1 3/16		1.1875														

**SMD**
**sumi Chamfer™**
**Drill Adapters & Holders**