2025

HSS-CUT+

HIGH-SPEED STEEL TOOLS

EN

BEYOND THE MACHINING

www.karcan.com

KARCAN cutting tools

KARCAN
cutting tools

2023
HSS-CUT+
Catalog


KARCAN
cutting tools

WELCOME TO THE WORLD OF **KARCAN CUTTING TOOLS**

Who we are?

Founded in 1996 in Eskişehir, Turkey to manufacture carbide cutting tools, we are the first and largest carbide cutting tool manufacturer and one of the top 500 R&D centers in our country. From this aspect, we are the first and the only R&D Center in the cutting tool industry of Turkey.

What we manufacture?

- Carbide Endmills
- Carbide Drill Bits
- Carbide Counter Sinkers
- Form Endmills, Drill Bits, Counter Sinkers
- Form Carbide, PCD & CBN Inserts
- Micro Tools
- Combined Tools
- High-Speed Steel Tools
- Shell Tool with Inserts

Which industries we serve?

General Engineering | Mold & Die | Aviation & Aerospace | Defense | Automotive | Medical | Energy | Rail Systems

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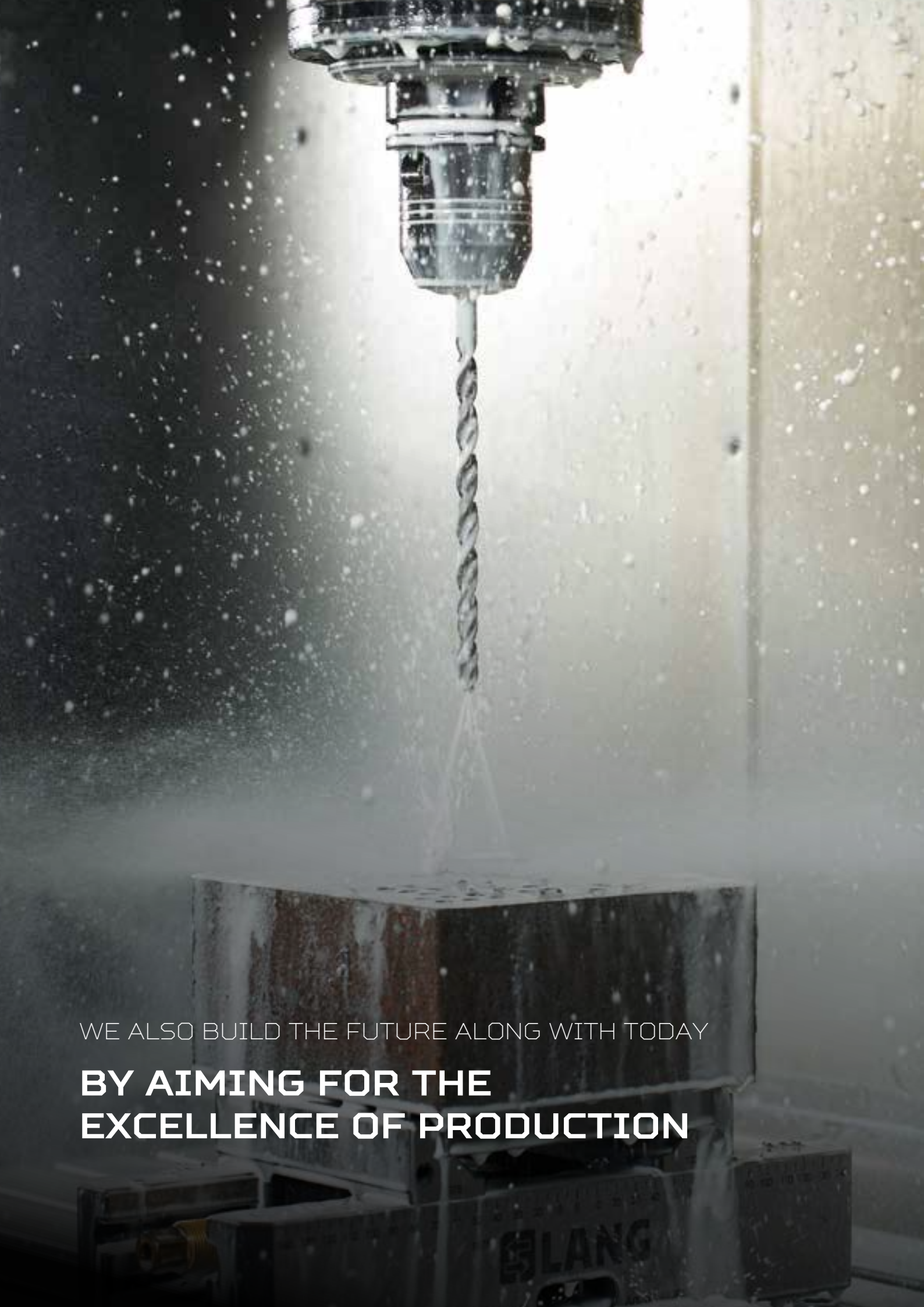


WE ALSO BUILD THE FUTURE ALONG WITH TODAY

BY AIMING FOR THE EXCELLENCE OF PRODUCTION

STARTING A NEW JOURNEY OF SUCCESS REQUIRES FORESEEN

EXPERIENCE, EXPERT TEAM, STRATEGY AND VISION BY STRIVING FOR MANUFACTURING EXCELLENCE

We, Karcan, as the biggest cutting tool manufacturer of Turkey with our modern machine and measuring park, R&D Center, number of qualified employees, sales figures and export share, owe you a great debt of gratitude for being a part of our journey all through these years and being a part of our achievement. As the leading company steering the cutting tool industry of Turkey, we keep being your solution partner in machinability of hi-tech materials thanks to our highly skilled and trained R&D, process and technical sales team by following the recent developments in machining and material engineering and bringing the world's technology to your hands.

We are not just a cutting tool manufacturer! We make a difference in terms of our production improving activities, technical applications and consultancy services and we put all our efforts of our valued customers gaining in 'cost per part' a competitive edge in global markets.

From this point of view, we aim to provide our products and services as 'Beyond The Machining'.

We intend to present at our catalogue the R&D studies and improvements on the drill series within our standards and developed our D-Tech hole-making program carried out together with the national and foreign universities, institutes, local and foreign customers and Tübitak.

On behalf of Karcan Cutting Tools,

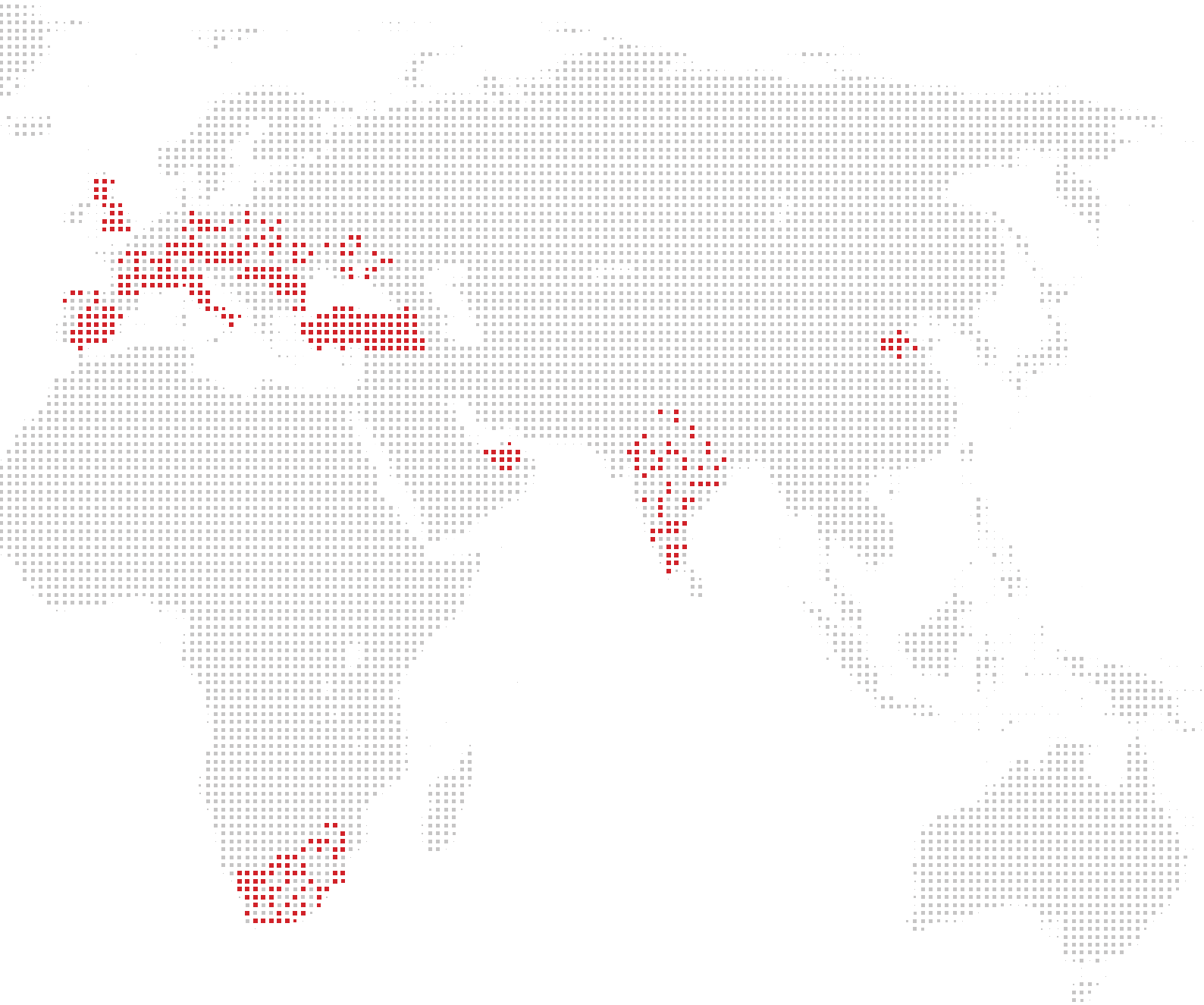
Ümit GEZER
Founder / General Manager

www.karcan.com

KARCAN EXPORTS TO MORE THAN 21 COUNTRIES ON 4 CONTINENTS

WE REACH YOU EASIER THANKS TO OUR GROWING EXPORT NETWORK AND TAKE A PART IN GLOBAL COMPETITION

GLOBAL VISION




EXPER
Longer Tool Life

KARCAN
cutting tools

THE FUTURE OF CUTTING EDGE PREPARATION

Ex-Per technology developed as a result of exhaustive Karcan R&D studies ensure a higher performance and improved tool life.

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WITH THE PARTNERSHIP OF KARCAN, TUBITAK, UNIVERSITY AND INDUSTRY

We developed D-Tech technology that will make a difference in drilling operations.

We keep providing industrial and innovative solutions with our D-Tech new generation drills:

- Optimal raw material selection for drilling operations, cooperation with globally verified suppliers in this field;
- Single solution for wide range of workpiece materials with it's original geometry developed by Karcan R&D;
- Increased tool life by Ex-Per edge preparation technology unique to Karcan;
- Globally verified coating optimization;
- Product development, stress and life tests in Karcan Test Center;
- In order to meet the exact requirements of market, we offer the best solution by collecting our academic studies and extensive field tests.

WHY KARCAN?

- Highly skilled and trained R&D, process, application and technical sales team.
- Benefit from our experiences and know-how in various areas, we provide flexible solutions.
- We are price/performance-oriented and we provide cost effective solutions with the sense of constant improvement.
- Capable to compete globally.
- Our well equipped and modern machine park ensures precision and performance at the highest level.
- 7/24 available.
- 100% monitorability and repeatable quality ensure sustainable quality.
- Karcan Academy and own testing center enable you to get to know your tools in detail and choose the suitable tool you need.
- Effective stock inventory level.
- Own know-how with qualified labor force and intellectual capitals. Unique products.
- Unlimited training opportunities for our customers.
- We closely follow the recent developments in the sector and constantly keep up with the advancing material and machining technology. We are open to innovation and improvement.
- 100% customer-oriented.
- Working with the globally verified suppliers such as machine, equipment, raw material, coating, diamond grinding wheels, filtration and coolant, which are directly related to cutting tool quality.

CHOOSE THE SUITABLE TOOL!

Raw material, geometry, edge preparation and coating in manufacturing cutting tools have a direct effect on tool quality. It is highly recommended that our customers take account of the guidance at our catalogue in order to get the optimum efficiency on our high performance series which are developed after optimizing all the parameters. You can also choose the suitable tool according to the machinability of the materials or work pieces and operation method by reaching our sales representatives or application team.

Following details are very important in terms of elaboration of suggestions for machining within the shortest time.
1. Work piece to be machined? (Turbine blade, injector, engine block, brake disc etc.)
2. Material to be machined? (Inconel, titanium, stainless steel, steel, cast iron, in accordance with which of the ISO or DIN standards?)
3. Operation method? ("Side milling", "Shoulder milling", "Slotting", "Ramping", "Plunging")
4. Material hardness? Heat-treated?
5. Type of cooling? (Oil, emulsion, air, internal or external coolant, pressure?)
6. Type of holder? (Shrink, hydrolic, "Collet", "HSK", "BT", "SK" Etc.)
7. Type and power of spindle?
8. Machining method? (Vertical-horizontal or 5-axis)
9. Fixing type of work piece.
10. Cutting tool and parameters in use, if available
11. The problems encountered with the current tool or tool life, if available.

YOU ALREADY HAVE THE ADVANTAGE!

- High performance machining.
- Considerable cost reduction per work piece costs by regarding overheads and depreciation.
- Our tools ensure the best possible precision and quality on the work piece machined.
- Optimal loading for your machines.
- Longer tool life and holder life.
- Reduced the overall cutting tool costs.
- Improved utilization of your capacity.
- You don't have to rush in a new machine investment.

Tools, multi-functionally optimized and standardized, marked with (*) at our catalogue are always available in stock.

Get to know our tools in detail, please watch the videos and animations. You can easily find these documents in our web page, YouTube, Instagram and Linked-in accounts.

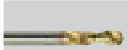
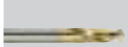
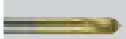
Twist drills. Standard and long series

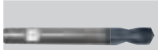
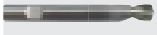
Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
KT23383			0.3	16	DIN 338	N	118	+BLANK	HSS	●	◑	○	●	●	◑	○	○	32
KT23388			1	16	DIN 338	N	118	+TiN	HSS	●	◑	○	●	●	◑	○	○	32
KT23381			0.2	16	DIN 338	N	118	+BLANK	HSS	●	◑	○	●	●	○	○	○	36
KT23380			1	20	DIN 338	N	118	+VAP	HSS	●	◑	○	●	●	○	○	○	36
KT23810			10.5	16	DIN 338	N	118	+VAP	HSS	●	○	○	●	●	●	○	○	40
KT23313			13.5	20	DIN 338	N	118	+VAP	HSS	●	○	○	●	●	●	○	○	40
KT25313			13.5	20	DIN 338	N	130	+BLANK	HSS-Co5	●	●	◑	●	○	○	○	○	41
KT24338			1	13	DIN 338	LN	118	+BLANK	HSS	●	◑	○	●	●	●	○	○	42
KT23384			1	13	DIN 338	W	130	+BLANK	HSS	○	○	○	○	○	●	○	○	44
KT23385			0.3	16	DIN 338	VA	130	+BLANK	HSS-Co5	●	●	◑	○	○	○	○	○	46
KT23387			1	16	DIN 338	VA	130	+TiAlN	HSS-Co5	●	●	◑	○	○	○	○	○	46
KT23386			1	16	DIN 338	VA	130	+TiN	HSS-Co5	●	●	◑	○	○	○	○	○	46
KT28338			2	16	DIN 338	N	130	+BLANK	HSS-Co8	●	●	◑	○	○	●	●	●	52
KT27338			2	16	DIN 338	N	130	+TiAlN	HSS-Co8	●	●	◑	○	○	●	●	●	52
KT23389			1.5	16	DIN 338	Uni-FL	130	+BLANK	HSS-Co5	●	●	○	○	○	○	○	○	54
KT23382			1.5	16	DIN 338	Uni-FL	130	+TiAlN	HSS-Co5	●	●	○	○	○	○	○	○	54
KT21338			2	16	DIN 338	Uni-FK	130	+BLANK	HSS-Co5	◑	○	◑	●	◑	◑	○	○	56
KT22338			2	16	DIN 338	Uni-FK	130	+TiAlN	HSS-Co5	◑	○	◑	●	◑	◑	○	○	56
KT23400			0.4	15	DIN 340	N	118	+BLANK	HSS	●	◑	○	●	●	◑	○	○	58
KT23402			1	15	DIN 340	N	118	+TiN	HSS	●	◑	○	●	●	◑	○	○	58

Twist drills. Standard and long series

Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
KT23405			2	13	DIN 340	VA	130	+BLANK	HSS-Co5	●	●	◑	○	○	○	○	○	59
KT23407			2	13	DIN 340	VA	130	+TiN	HSS-Co5	●	●	◑	○	○	○	○	○	59
KT21869			1	13	DIN 1869	TS	130	+BLANK/ +VAP	HSS	●	◑	○	●	○	◑	○	○	60
KT22869			1.5	13	DIN 1869	TS	130	+BLANK/ +VAP	HSS	●	◑	○	●	○	◑	○	○	61
KT23869			2	13	DIN 1869	TS	130	+BLANK/ +VAP	HSS	●	◑	○	●	○	◑	○	○	62
KT21865			2	13	DIN 1869	TS	130	+BLANK	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	63
KT22865			2	13	DIN 1869	TS	130	+BLANK	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	64
KT23865			3	13	DIN 1869	TS	130	+BLANK	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	65
KT250			3	5.8	Karcan standard	-	130	-	HSS	●	◑	○	◑	◑	◑	○	○	66
KT21898			6	10	DIN 1897	-	DIN 1412 E	+BLANK	HSS-Co5	●	○	○	○	○	●	○	○	67
KT21890			6	10	DIN 1897	-	DIN 1412 E	+TiN	HSS-Co5	●	○	○	○	○	●	○	○	67
KT21899			8	8	DIN 338	-	DIN 1412 E	+BLANK	HSS-Co5	●	○	○	○	○	●	○	○	68
KT21889			8	8	DIN 338	-	DIN 1412 E	+TiN	HSS-Co5	●	○	○	○	○	●	○	○	68
KT23338			1	13	DIN 338	H	118 / 80	+BLANK	HSS	○	○	○	○	◑	●	○	○	69
KT23339			1	13	DIN 338	H-KU	118 / 80	+BLANK	HSS	○	○	○	○	◑	●	○	○	69
KT28036			2	20	DIN 338	-	118	+BLANK	Carbide tipped	●	○	◑	●	○	◑	○	○	71
KT43389			1	16	DIN 338	-	118	+TIN-HC	HSS	●	◑	○	●	●	●	○	○	72
KT43450			10	60	DIN 345	N	118	+VAP	HSS	●	◑	○	●	●	●	○	○	74
KT34338			1	13	DIN 338	VA	118	+GF/ +VAP	HSS-Co5	●	◑	◑	◑	◑	◑	◑	◑	75

Twist drills. Short series

Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
KT21897			1	16	DIN 1897	N	118	+BLANK	HSS	●	○	○	●	○	○	○	○	77
KT22897			1	16	DIN 1897	N	118	+TiN	HSS	●	○	○	●	○	○	○	○	77
KT25897			1	13	DIN 1897	N	130	+BLANK	HSS-Co5	●	●	◑	●	○	◑	◑	◑	79
KT27897			1	13	DIN 1897	N	130	+TiN	HSS-Co5	●	●	◑	●	○	◑	◑	◑	79
KT23897			1	16	DIN 1897	Uni-FL	130	+BLANK	HSS-Co5	●	●	◑	●	○	◑	◑	◑	82
KT24897			1	16	DIN 1897	Uni-FL	130	+TiAlN	HSS-Co5	●	●	◑	●	○	◑	◑	◑	82
KT23310			3	6	DIN 1897	N	118	+BLANK	HSS	◑	○	○	○	○	●	○	○	83
KT23350			2	8	DIN 1897	-	130	+BLANK	HSS	●	○	○	○	○	○	○	○	84
KT21809			2	25	Karcan standard	-	90	+BLANK	HSS-Co5	●	◑	◑	●	○	●	◑	◑	85
KT21810			2	25	Karcan standard	-	90	+TiN	HSS-Co5	●	◑	◑	●	○	●	◑	◑	85
KT21807			2	25	Karcan standard	-	90	+TiAlN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	86
KT21803			5	20	Karcan standard	-	90	+TiCN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	87
KT21801			6	20	Karcan standard	-	90	+TiAlN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	88
KT21805			6	12	Karcan standard	-	90	+TiCN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	89
KT21814			6	20	Karcan standard	-	90	+BLANK	HSS-Co5	●	◑	◑	●	○	●	◑	◑	90
KT21815			6	20	Karcan standard	-	90	+TiN	HSS-Co5	●	◑	◑	●	○	●	◑	◑	90
KT21812			2	25	Karcan standard	-	120	+BLANK	HSS-Co5	●	◑	◑	●	○	●	◑	◑	91
KT21813			2	25	Karcan standard	-	120	+TiN	HSS-Co5	●	◑	◑	●	○	●	◑	◑	91

	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Twist drills. Short series	KT21808			2	25	Karcan standard	-	120	+TiAlN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	92
	KT21804			5	20	Karcan standard	-	120	+TiCN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	93
	KT21816			6	20	Karcan standard	-	120	+BLANK	HSS-Co5	●	◑	◑	●	○	●	◑	◑	94
	KT21817			6	20	Karcan standard	-	120	+TiN	HSS-Co5	●	◑	◑	●	○	●	◑	◑	94
	KT21802			6	20	Karcan standard	-	120	+TiAlN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	95
	KT21806			6	12	Karcan standard	-	120	+TiCN	HSS-Co5	●	◑	◑	●	○	◑	◑	◑	96
Carbide drill bits	KT29338			1	13	DIN 338	N	118	+BLANK	VHM	●	◑	◑	●	○	●	○	○	97
	KT29339			1	13	DIN 338	N	118	+TiAlN	VHM	●	◑	◑	●	○	●	○	○	97
	KT29653			1	13	DIN 6539	N	118	+BLANK	VHM	●	◑	◑	●	○	●	○	○	99
	KT21818			3	20	Karcan standard	-	90	+BLANK	VHM	●	●	◑	●	○	●	○	○	101
	KT21820			3	20	Karcan standard	-	120	+BLANK	VHM	●	●	◑	●	○	●	○	○	102
Center drills	KT23330		-	0.5	12.5	DIN 333	A	60	+BLANK	HSS	●	◑	○	●	●	◑	○	○	103
	KT23336		-	1	12.5	DIN 333	A	60	+TiN	HSS	●	◑	○	●	●	◑	○	○	103
	KT23120		-	1	5	DIN 333	A	60	+BLANK	HSS	●	◑	○	●	●	◑	○	○	104
	KT23335		-	1	6.3	DIN 333	A	60	+BLANK	HSS-Co5	●	●	◑	●	◑	◑	○	○	105
	KT23331		-	1	6.3	DIN 333	B	60°/120°	+BLANK	HSS	●	◑	○	●	●	○	○	○	106
	KT23332		-	1	6.3	DIN 333	R	60	+BLANK	HSS	●	◑	○	●	●	○	○	○	107
	KT29333			1.6	4	DIN 333	A	60	+BLANK	VHM	●	●	◑	●	○	●	○	○	108

Step drills, Morse taper drills

Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
KT281740			M3+	M10+	Karcan standard	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	109
KT281741			M3+	M10+	Karcan standard	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	110
KT281760			M3+	M10+	Karcan standard	N	180/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	111
KT281780			M3-	M12-	Karcan standard	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	112
KT283740			M3+	M10+	DIN 8374	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	113
KT283741			M3+	M8+	DIN 8374	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	114
KT283760			M3+	M10+	DIN 8376	N	180/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	115
KT283780			M3-	M12-	DIN 8378	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	116
KT283750			M5+	M14+	DIN 8375	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	117
KT283770			M5+	M20+	DIN 8377	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	118
KT283790			M8-	M20-	DIN 8379	N	90/118	+VAP	HSS	●	◑	○	●	○	◑	○	○	119
KT23450			5	100	DIN 345	N	118	+VAP	HSS	●	◑	○	●	◑	◑	○	○	120
KT23457			10	30	DIN 345	N	118	+TiN	HSS	●	◑	○	●	◑	◑	○	○	122
KT23455			10	60	DIN 345	N	118	+BLANK	HSS-Co5	●	●	◑	●	○	○	○	○	123
KT23458			10	40	Karcan standard	N	130	+VAP	HSS-Co8	●	◑	●	◑	○	○	◑	◑	124
KT23410			10	50	DIN 341	N	118	+VAP	HSS	●	◑	○	●	◑	◑	○	○	125
KT21870			8	50	DIN 1870	N	118	+VAP	HSS	●	◑	○	●	◑	◑	○	○	126
KT22870			8	50	DIN 1870	N	118	+VAP	HSS	●	◑	○	●	◑	◑	○	○	127
KT28037			2	20	DIN 8037	-	118	+BLANK	Carbide tipped	●	○	◑	●	●	◑	○	○	128
KT28041			8	32	DIN 8041	-	118	+BLANK	Carbide tipped	●	○	◑	●	●	◑	○	○	129

	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Spotting drills	KT29892			8	8	-	-	-	+TiAlN	VHM	●	◑	◑	◑	○	◑	○	○	130
	KT29893			8	10	-	-	-	+TiAlN	VHM	●	◑	◑	◑	○	◑	○	○	131
Reamers	KT22060		-	2	30	DIN 206	B	-	-	HSS	●	○	○	○	○	●	○	○	132
	KT22125		-	2	16	DIN 212	B/D	-	-	HSS-Co5	●	◑	○	◑	○	●	○	○	133
	KT22085		-	10	30	DIN 208	B	-	-	HSS-Co5	●	◑	○	◑	○	●	○	○	134
	KT23110		-	6.4	40	DIN 311	-	-	+Blank	HSS	●	○	○	○	○	●	○	○	135
	KT22126		-	5	20	DIN 8050	-	-	+Blank/ +Ti**	Carbide tipped	●	◑	◑	●	◑	●	◑	◑	136
	KT22129		-	1	20	DIN 212 - 3	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	137
	KT22133		-	0.95	12	DIN 212 - 3	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	140
	KT22134		-	1	20	DIN 212 - 2	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	141
	KT22135		-	1	20	DIN 212 - 2	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	141
	KT22188		-	0.95	12.05	DIN 212 - 2	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	145
	KT22199		-	1	20	DIN 212 - 2	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	146
	KT22171		-	3	50	DIN 208	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	147
	KT22172		-	5	32	DIN 208	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	147
	KT22175		-	5	32	DIN 208	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	148
	KT22178		-	1	60	DIN 206	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	149
	KT22179		-	1	60	DIN 206	-	-	+Blank/ +Ti**	HSS-E	●	◑	○	●	◑	●	◑	◑	149

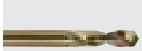
	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Counter Sinkers	KT253350		-	4.3	31	DIN 335	C	90	+BLANK	HSS	●	○	○	◑	◑	◑	○	○	153
	KT253351		-	4.3	31	DIN 335	C	90	+TiN	HSS	●	○	○	◑	◑	◑	○	○	153
	KT253353		-	4.3	31	DIN 335	C	90	+TiAlN	HSS	●	○	○	◑	◑	◑	○	○	153
	KT253352		-	6.3	31	DIN 335	C	90	+BLANK	HSS-Co5	●	●	○	◑	○	◑	○	○	155
Mills	KT24327010			1	40	DIN 327	N	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	156
	KT24327011			1	40	DIN 327	N	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	156
	KT24327020			2	40	DIN 327	N	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	157
	KT24327021			2	40	DIN 327	N	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	157
	KT24327030			2	32	DIN 327	N	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	158
	KT24327031			2	32	DIN 327	N	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	158
	KT24844010			2	40	DIN 844	N	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	159
	KT24844011			2	40	DIN 844	N	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	159
	KT24844020			2	40	DIN 844	N	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	160
	KT24844021			2	40	DIN 844	N	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	160
	KT24844030			6	40	DIN 844	NR	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	161
	KT24844031			6	40	DIN 844	NR	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	161
	KT24844040			6	40	DIN 844	NR	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	162
	KT24844041			6	40	DIN 844	NR	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	162

	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Mills	KT24844050			6	32	DIN 844	HR	-	+BLANK	HSS-Co8	●	◑	○	◑	○	◑	○	○	163
	KT24844051			6	32	DIN 844	HR	-	+TiAlN	HSS-Co8	●	◑	○	◑	○	◑	○	○	163
	KT24844060			2	20	DIN 844	W	-	+BLANK	HSS-Co8	○	○	○	○	○	●	○	○	164
	KT24844071			2	30	DIN 844	N	-	+AlTin	HSS-Co PM	◑	◑	◑	○	○	○	◑	●	165
	KT24844081			3	32	DIN 844	N	-	+AlTin	HSS-Co PM	◑	◑	◑	○	○	○	◑	●	166
	KT24844091			6	30	DIN 844	HR	-	+AlTin	HSS-Co PM	◑	◑	◑	○	○	○	◑	●	167
Burrs	KT271001		-	3	16	-	A	-	-	HM	◑	●	◑	◑	○	○	◑	◑	168
	KT271002		-	3	16	-	B	-	-	HM	◑	●	◑	◑	○	○	◑	◑	169
	KT271003		-	3	16	-	C	-	-	HM	◑	●	◑	◑	○	○	◑	◑	170
	KT271005		-	3	16	-	D	-	-	HM	◑	●	◑	◑	○	○	◑	◑	171
	KT271006		-	3	16	-	E	-	-	HM	◑	●	◑	◑	○	○	◑	◑	172
	KT271007		-	3	16	-	F	-	-	HM	◑	●	◑	◑	○	○	◑	◑	173
	KT271008		-	3	16	-	G	-	-	HM	◑	●	◑	◑	○	○	◑	◑	174
	KT271010		-	3	16	-	H	-	-	HM	◑	●	◑	◑	○	○	◑	◑	175
	KT271011		-	3	16	-	L	-	-	HM	◑	●	◑	◑	○	○	◑	◑	176
	KT271012		-	3	16	-	M	-	-	HM	◑	●	◑	◑	○	○	◑	◑	177
	KT272001		-	3	16	-	A	-	-	HM	○	○	○	○	○	●	○	●	179
	KT272002		-	3	16	-	B	-	-	HM	○	○	○	○	○	●	○	●	180

	Code	Model	Length	Diameter		Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
				min	max														
Burrs	KT272003		-	3	16	-	C	-	-	HM	○	○	○	○	○	●	○	●	181
	KT272005		-	3	16	-	D	-	-	HM	○	○	○	○	○	●	○	●	182
	KT272006		-	3	16	-	E	-	-	HM	○	○	○	○	○	●	○	●	183
	KT272007		-	3	16	-	F	-	-	HM	○	○	○	○	○	●	○	●	184
	KT272008		-	3	16	-	G	-	-	HM	○	○	○	○	○	●	○	●	185
	KT272010		-	3	16	-	H	-	-	HM	○	○	○	○	○	●	○	●	186
	KT272011		-	3	16	-	L	-	-	HM	○	○	○	○	○	●	○	●	187
	KT272012		-	3	16	-	M	-	-	HM	○	○	○	○	○	●	○	●	188

Twist drills. Standard and long series

Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
KT33380			0.5	20	DIN 338	N	118	+VAP	HSS	●	○	○	●	●	◑	○	○	192
KT33308			8.5	13	DIN 338	N	118	+VAP	HSS	●	○	○	○	○	◑	○	○	195
KT33310			10.5	20	DIN 338	N	118	+VAP	HSS	●	○	○	○	○	◑	○	○	195
KT33313			13.5	30	DIN 338	N	118	+VAP	HSS	●	○	○	○	○	◑	○	○	195
KT33314			13.5	20	DIN 338	N	118	+BLANK	HSS	●	○	○	○	○	◑	○	○	196
KT33382			1	13	DIN 338	N	118	+BLANK	HSS-GP	●	○	○	●	●	◑	○	○	197
KT33381			0.2	16	DIN 338	N	118	+BLANK	HSS	●	○	○	●	●	◑	○	○	200
KT33388			1	13	DIN 338	N	118	+TiN	HSS	●	○	○	●	●	◑	○	○	203
KT33385			1	16	DIN 338	N	130	+GF	HSS-Co5	●	●	◑	●	○	◑	◑	◑	205
KT35338			3	13	DIN 338	N	130	+BLANK	HSS-Co5	●	●	◑	●	○	◑	◑	◑	208
KT33400			2	16	DIN 340	N	118	+VAP	HSS	●	○	○	●	●	◑	○	○	210
KT33402			1	15	DIN 340	N	118	+BLANK	HSS	●	○	○	●	●	◑	○	○	212
KT31869			1	13	DIN 1869	N	130	+BLANK	HSS	●	◑	○	●	○	◑	○	○	214
KT32869			2	13	DIN 1869	N	130	+BLANK	HSS	●	◑	○	●	○	◑	○	○	215
KT33869			2	10	DIN 1869	N	130	+BLANK	HSS	●	◑	○	●	○	◑	○	○	216

	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Twist drills. Short series	KT31897			2	13	DIN 1897	N	118	+VAP	HSS	●	○	○	○	○	◑	○	○	217
	KT34897			1	13	DIN 1897	N	118	+BLANK	HSS	●	○	○	○	○	◑	○	○	218
	KT35897			1	13	DIN 1897	N	130	+GF	HSS-Co5	●	●	◑	●	○	◑	◑	◑	220
	KT33350			2.5	6	-	-	118	+BLANK	HSS	●	○	○	◑	○	◑	○	○	222
	KT33355			3	6	-	-	118	+GF	HSS-Co5	●	◑	○	◑	○	◑	○	○	223
Morse taper drills	KT33450			8	60	DIN 345	N	118	+VAP	HSS	●	○	○	●	●	◑	○	○	224
	KT33453			5	60	DIN 345	N	118	+VAP	HSS	●	○	○	●	●	◑	○	○	227
Other	KT32185		-	MK2-MK1	MK5-MK4	-	-	-	-	-	-	-	-	-	-	-	-	-	229
	KT36888		-	M3	M50	-	-	-	-	CV steel	-	-	-	-	-	-	-	-	230
Counter Sinkers	KT353350		-	4.3	40	DIN 335	C	90	+BLANK	HSS	●	○	○	◑	○	●	○	○	232
	KT353351		-	4.3	40	DIN 335	C	90	+TiN	HSS	●	○	○	◑	○	●	○	○	232
	KT353353		-	4.3	40	DIN 335	C	90	+TiAlN	HSS	●	○	○	◑	○	●	○	○	232
	KT353352		-	6.3	31	DIN 335	C	90	+BLANK	HSS-Co5	●	◑	○	◑	○	◑	◑	◑	234
	KT353354		-	6.3	31	DIN 335	C	90	+TiAlN	HSS-Co5	●	◑	○	◑	○	◑	◑	◑	234
Dies, holders	KT362230		-	M1	M52	DIN 223 B	B	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	236
	KT362231		-	M3	M12-	Karcan standard	B	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	237
	KT362236		-	MF3	MF52	DIN 223 B	B	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	238
	KT365158		-	G1/8	G2	DIN 5158	B	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	239

	Code	Model	Length	Diameter min	Diameter max	Standard	Form	Angle at drill tip / Number of teeth (for mills)	Coating	Material	Steel	Stainless Steel	Steel with hardness ≤45 HRC	Cast Iron	Graphite	Non-Ferrous Metals	Heat-Resistant Alloys (HRSA)	Titanium	Page
Dies, holders	KT363820		-	M3	M24	DIN 382	hex-shank	-	+BLANK	HSS	-	-	-	-	-	-	-	-	240
	KT362235		-	16	90	DIN 225	-	-	-	-	-	-	-	-	-	-	-	-	241
	KT363525		-	M1	M52	DIN 1814	-	-	-	-	-	-	-	-	-	-	-	-	242
	KT363528		-	M1	M27	DIN 1814	-	-	-	-	-	-	-	-	-	-	-	-	243
	KT363526		-	M3	M12	-	-	-	-	-	-	-	-	-	-	-	-	-	244
	KT363527		-	M3	M12	-	-	-	-	-	-	-	-	-	-	-	-	-	244
Hand-held taps	KT363520		-	M1	M52	DIN 352	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	245
	KT363521		-	M1	M52	DIN 352	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	246
	KT363522		-	M1	M52	DIN 352	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	246
	KT363523		-	M1	M52	DIN 352	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	246
	KT363524		-	M3	M12	DIN 352	B	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	247
	KT3621810		-	M3	M52	DIN 2181	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	248
	KT3621811		-	M3	M12	DIN 2181	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	250
	KT3621812		-	M3	M52	DIN 2181	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	250
	KT3651570		-	G1/8	G2	DIN 5157	-	-	+BLANK	HSS	●	◑	○	○	○	◑	○	○	252
Sets	KT36000		-	-	-	DIN 352	B	-	-	HSS	-	-	-	-	-	-	-	-	253
	KT36352		-	-	-	DIN 352	-	-	-	HSS	-	-	-	-	-	-	-	-	254

Guide for Tool Material Selection

Material type	Description
HSS	Tools made of this material are suitable for machining non-ferrous alloys, cast irons, carbon and alloy steels, as well as a range of heat and corrosion resistant steels. Medium performance high speed steel, suitable for metal drills, smaller diameter mills. Recommended as a replacement for P6M5.
HSS-Co5	The material contains 5% cobalt, a small percentage of manganese, silicon and nickel. Withstands intense heat of the cutting edge. Machining of ductile materials, alloy and stainless steel. Recommended as a replacement for P9.
HSS-Co8	The material contains 8% cobalt and 9.5% molybdenum. Excellent red hardness and wear resistance of cutting edges. Tools made from this alloy are less susceptible to chipping during interrupted cutting. Suitable for machining difficult materials, especially ductile, high-strength stainless and heat-resistant steels and alloys under conditions of high cutting edge heating. Recommended as a replacement for P18.
Carbide tipped	Drills and reamers with a soldered plate provide increased wear resistance when machining hard-to-machine materials, as well as the economic feasibility of application for machining large-diameter holes, as their cost is significantly lower than carbide or indexable-insert drills.
VHM	Solid carbide drills are characterized by high manufacturing precision, minimal runout and the ability to produce holes of accuracy class 8.9, with roughness up to 1.6 Ra (6th grade of finish) μm, without additional countersinking and reaming operations ***
HSS-Co PM	High performance tool steel, produced by powder metallurgy. The alloy has a homogeneous structure and provides durability to the tool and cutting edge. The tool is suitable for machining titanium, its alloys and other strong and hard-to-machine materials.
HSS-E	HSSE is a general designation for a group of high-speed steels containing cobalt, which includes HSS-Co5 and HSS-Co8
***	We also recommend our specialized catalog with tools made of solid carbide: Hole Machining, Carbide Mills. The tools in these catalogues have exceptional performance and durability.

Coating Selection Guide

Coating type	Description
Blank+	Uncoated tool.
TiN	Titanium nitride coating (yellow-golden tool color). Single layer coating. Increases tool surface hardness up to ~2300 HV (microhardness from 20-25 GPa) and heat resistance up to 600 °C. The coating also facilitates chip removal, tool elasticity and adhesion to the material, reduces overall friction and vibration, and reduces the likelihood of build-up.
TiAlN	Aluminum-titanium nitride coating (gray-violet color). Hardness is 3500 HV, heat resistance up to 800 °C. The spraying is optimally suited for heavy cutting conditions.
TiCN	Titanium carbonitride coating (grey-blue color). Multilayer coating. Increases surface hardness up to 3000 HV and heat resistance up to 400 °C. Friction coefficient without coolant for steel 0.4. The TiCN hardness is higher than that of TiN spraying, while the ductility is the same as TiN.
GF	GOLD FINISH gold-colored coating enhances lubricity, provides corrosion protection and increases durability. Provides longer tool life under various working conditions.
VAP	Black coating, tool oxidizing. Oxide film is often used on taps and drills. The fine porous layer retains lubricant well. Machining tools in superheated steam increases resistance to rust (corrosion) and prevents overheating at high machining speeds, extending tool life. VAP coating is not recommended for non-ferrous metals.

Description of designations

	Description	Designation
Standard	DIN standard that specifies requirements for cutting tools. Karcan standard or Works standard means that the tool is made according to the company's internal standards.	DIN 338 · DIN 340 · DIN 1869 · ... · Karcan standard · DIN 1897 · DIN 2181
Cutting direction	Defines the tool rotation direction. For CNC machines: RH=M03, LH=M04.	RH · ... · LH
Form	Defines the tool's form. The form is described in DIN or in an internal industry standard.	N · LN · W · ... · VA · Uni-FL · H-KU
Material	Tool material	HSS · HSS-Co5 · HSS-Co8 · ... · Carbide tipped · VHM · HSS-E
Drill tip angle	Angle at drill tip	α 60° · α 90° · α 118° · ... · α 120° · α 130° · α 180°
Coating	A coating applied to a tool to improve its performance properties. Blank+ means the tool is not coated.	+Blank · +TiN · +TiAlN · +TiCN · +GF · +VAP
Shank form	Tool shank type	CYL · CYL+ triangle · WEL · MK
Thread angle	Thread apex angle. Used on taps and dies	60° · 55°
Tolerance	Designation of the tolerance field of the machined thread or hole diameter. Used on taps, dies and reamers	6g · H7
Thread type	Type of thread to be machined. Used on taps and dies	M · MF · G (BSP)

2023

HSS-CUT+ Catalog

ExpertCut

The ExpertCut series offers high-performance cutting tools that can be used on both CNC machining centers and hand-held equipment.

ExperCut has a wide range of specialized tools to help you solve the most challenging problems in a variety of machining applications.

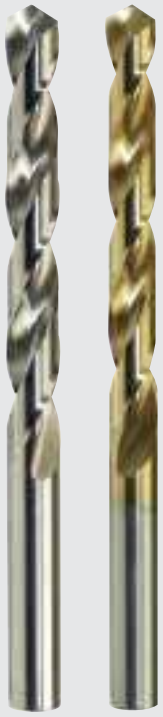
KARCAN cutting tools

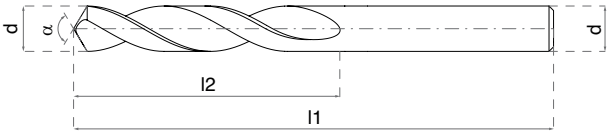
ExpertCut

KT23383

KT23388

High Perfomance





Code		d	l1	l2
No coating	TiN coating			
KT233830030	-	0.3	19	3
KT233830040	-	0.4	20	5
KT233830050	-	0.5	22	6
KT233830060	-	0.6	24	7
KT233830070	-	0.7	28	9
KT233830080	-	0.8	30	10
KT233830090	-	0.9	32	11
KT233830100	KT233880100	1	34	12
KT233830110	KT233880110	1.1	36	14
KT233830120	KT233880120	1.2	38	16
KT233830125	KT233880125	1.25	38	16
KT233830130	KT233880130	1.3	38	16
KT233830140	KT233880140	1.4	40	18
KT233830150	KT233880150	1.5	40	18
KT233830160	KT233880160	1.6	43	20
KT233830170	KT233880170	1.7	43	20
KT233830175	KT233880175	1.75	46	22
KT233830180	KT233880180	1.8	46	22
KT233830190	KT233880190	1.9	46	22
KT233830200	KT233880200	2	49	24
KT233830210	KT233880210	2.1	49	24
KT233830220	KT233880220	2.2	53	27
KT233830225	KT233880225	2.25	53	27
KT233830230	KT233880230	2.3	53	27
KT233830240	KT233880240	2.4	57	30
KT233830250	KT233880250	2.5	57	30
KT233830260	KT233880260	2.6	57	30
KT233830270	KT233880270	2.7	61	33
KT233830275	KT233880275	2.75	61	33
KT233830280	KT233880280	2.8	61	33
KT233830290	KT233880290	2.9	61	33
KT233830300	KT233880300	3	61	33
KT233830310	KT233880310	3.1	65	36
KT233830320	KT233880320	3.2	65	36
KT233830325	KT233880325	3.25	65	36
KT233830330	KT233880330	3.3	65	36
KT233830340	KT233880340	3.4	70	39
KT233830350	KT233880350	3.5	70	39
KT233830360	KT233880360	3.6	70	39
KT233830370	KT233880370	3.7	70	39
KT233830375	KT233880375	3.75	70	39
KT233830380	KT233880380	3.8	75	43
KT233830390	KT233880390	3.9	75	43
KT233830400	KT233880400	4	75	43
KT233830410	KT233880410	4.1	75	43
KT233830420	KT233880420	4.2	75	43
KT233830425	KT233880425	4.25	75	43
KT233830430	KT233880430	4.3	80	47

Code		d	l1	l2
No coating	TiN coating			
KT233830440	KT233880440	4.4	80	47
KT233830450	KT233880450	4.5	80	47
KT233830460	KT233880460	4.6	80	47
KT233830470	KT233880470	4.7	80	47
KT233830475	KT233880475	4.75	80	47
KT233830480	KT233880480	4.8	86	52
KT233830490	KT233880490	4.9	86	52
KT233830500	KT233880500	5	86	52
KT233830510	KT233880510	5.1	86	52
KT233830520	KT233880520	5.2	86	52
KT233830525	KT233880525	5.25	86	52
KT233830530	KT233880530	5.3	86	52
KT233830540	KT233880540	5.4	93	57
KT233830550	KT233880550	5.5	93	57
KT233830560	KT233880560	5.6	93	57
KT233830570	KT233880570	5.7	93	57
KT233830575	KT233880575	5.75	93	57
KT233830580	KT233880580	5.8	93	57
KT233830590	KT233880590	5.9	93	57
KT233830600	KT233880600	6	93	57
KT233830610	KT233880610	6.1	101	63
KT233830620	KT233880620	6.2	101	63
KT233830625	KT233880625	6.25	101	63
KT233830630	KT233880630	6.3	101	63
KT233830640	KT233880640	6.4	101	63
KT233830650	KT233880650	6.5	101	63
KT233830660	KT233880660	6.6	101	63
KT233830670	KT233880670	6.7	101	63
KT233830675	KT233880675	6.75	109	69
KT233830680	KT233880680	6.8	109	69
KT233830690	KT233880690	6.9	109	69
KT233830700	KT233880700	7	109	69
KT233830710	KT233880710	7.1	109	69
KT233830720	KT233880720	7.2	109	69
KT233830725	KT233880725	7.25	109	69
KT233830730	KT233880730	7.3	109	69
KT233830740	KT233880740	7.4	109	69
KT233830750	KT233880750	7.5	109	69
KT233830760	KT233880760	7.6	117	75
KT233830770	KT233880770	7.7	117	75
KT233830775	KT233880775	7.75	117	75
KT233830780	KT233880780	7.8	117	75
KT233830790	KT233880790	7.9	117	75
KT233830800	KT233880800	8	117	75
KT233830810	KT233880810	8.1	117	75
KT233830820	KT233880820	8.2	117	75
KT233830825	KT233880825	8.25	117	75
KT233830830	KT233880830	8.3	117	75

+Blank | +TiN

HSS | DIN 338 | RH

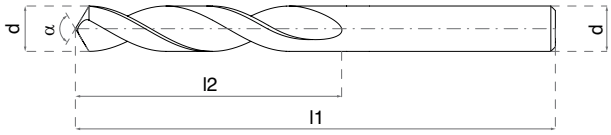
N | α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | N | α 118° | CYL

KT23383/KT23388



Code		d	l1	l2
No coating	TiN coating			
KT233830840	KT233880840	8.4	117	75
KT233830850	KT233880850	8.5	117	75
KT233830860	KT233880860	8.6	125	81
KT233830870	KT233880870	8.7	125	81
KT233830875	KT233880875	8.75	125	81
KT233830880	KT233880880	8.8	125	81
KT233830890	KT233880890	8.9	125	81
KT233830900	KT233880900	9	125	81
KT233830910	KT233880910	9.1	125	81
KT233830920	KT233880920	9.2	125	81
KT233830925	KT233880925	9.25	125	81
KT233830930	KT233880930	9.3	125	81
KT233830940	KT233880940	9.4	125	81
KT233830950	KT233880950	9.5	125	81
KT233830960	KT233880960	9.6	133	87
KT233830970	KT233880970	9.7	133	87
KT233830975	KT233880975	9.75	133	87
KT233830980	KT233880980	9.8	133	87
KT233830990	KT233880990	9.9	133	87
KT233831000	KT233881000	10	133	87
KT233831010	KT233881010	10.1	133	87
KT233831020	KT233881020	10.2	133	87
KT233831025	KT233881025	10.25	133	87
KT233831030	KT233881030	10.3	133	87
KT233831040	KT233881040	10.4	133	87
KT233831050	KT233881050	10.5	133	87
KT233831060	KT233881060	10.6	142	94
KT233831070	KT233881070	10.7	142	94
KT233831075	KT233881075	10.75	142	94
KT233831080	KT233881080	10.8	142	94
KT233831090	KT233881090	10.9	142	94

Code		d	l1	l2
No coating	TiN coating			
KT233831100	KT233881100	11	142	94
KT233831110	KT233881110	11.1	142	94
KT233831120	KT233881120	11.2	142	94
KT233831125	KT233881125	11.25	142	94
KT233831130	KT233881130	11.3	142	94
KT233831140	KT233881140	11.4	142	94
KT233831150	KT233881150	11.5	142	94
KT233831160	KT233881160	11.6	142	94
KT233831170	KT233881170	11.7	142	94
KT233831175	KT233881175	11.75	142	94
KT233831180	KT233881180	11.8	142	94
KT233831190	KT233881190	11.9	151	101
KT233831200	KT233881200	12	151	101
KT233831210	KT233881210	12.1	151	101
KT233831220	KT233881220	12.2	151	101
KT233831225	KT233881225	12.25	151	101
KT233831230	KT233881230	12.3	151	101
KT233831240	KT233881240	12.4	151	101
KT233831250	KT233881250	12.5	151	101
KT233831260	KT233881260	12.6	151	101
KT233831270	KT233881270	12.7	151	101
KT233831275	KT233881275	12.75	151	101
KT233831280	KT233881280	12.8	151	101
KT233831290	KT233881290	12.9	151	101
KT233831300	KT233881300	13	151	101
KT233831350	KT233881350	13.5	160	108
KT233831400	KT233881400	14	160	108
KT233831450	KT233881450	14.5	169	114
KT233831500	KT233881500	15	169	114
KT233831550	KT233881550	15.5	178	120
KT233831600	KT233881600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

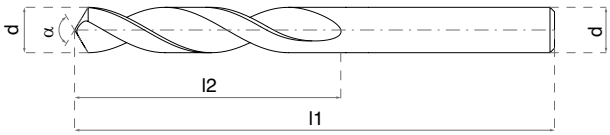
Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite. The drill is ground using split point technology, which enables self-centering drilling.

ExpertCut

KT23383

High Perfomance



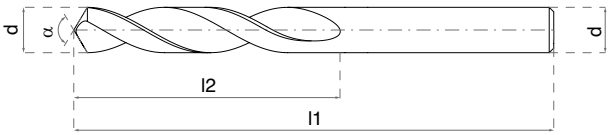
Code	Description
KT233837019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233837025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233837024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233837050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233837041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT233837055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT233839019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233839025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233839024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233839050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233839041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

+Blank

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	Description
KT233887019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233887025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233887024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233887050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233887041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT233887055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT233889019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233889025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233889024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233889050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233889041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

+TiN

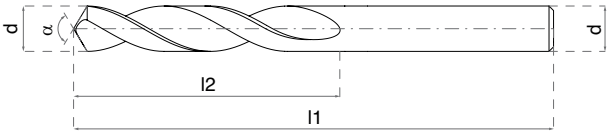
HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT23381
KT23380

High Perfomance



Code		d	l1	l2
No coating	VAP coating			
KT233810020	-	0.2	19	2.5
KT233810025	-	0.25	19	3
KT233810030	-	0.3	19	3
KT233810035	-	0.35	19	4
KT233810040	-	0.4	20	5
KT233810045	-	0.45	20	5
KT233810050	-	0.5	22	6
KT233810055	-	0.55	24	7
KT233810060	-	0.6	24	7
KT233810065	-	0.65	26	8
KT233810070	-	0.7	28	9
KT233810075	-	0.75	28	9
KT233810080	-	0.8	30	10
KT233810085	-	0.85	30	10
KT233810090	-	0.9	32	11
KT233810095	-	0.95	32	11
KT233810100	KT233800100	1	34	12
KT233810105	KT233800105	1.05	34	12
KT233810110	KT233800110	1.1	36	14
KT233810115	KT233800115	1.15	36	14
KT233810120	KT233800120	1.2	38	16
KT233810125	KT233800125	1.25	38	16
KT233810130	KT233800130	1.3	38	16
KT233810135	KT233800135	1.35	40	18
KT233810140	KT233800140	1.4	40	18
KT233810145	KT233800145	1.45	40	18
KT233810150	KT233800150	1.5	40	18
KT233810155	KT233800155	1.55	43	20
KT233810160	KT233800160	1.6	43	20
KT233810165	KT233800165	1.65	43	20
KT233810170	KT233800170	1.7	43	20
KT233810175	KT233800175	1.75	46	22
KT233810180	KT233800180	1.8	46	22
KT233810185	KT233800185	1.85	46	22
KT233810190	KT233800190	1.9	46	22
KT233810195	KT233800195	1.95	49	24
KT233810200	KT233800200	2	49	24
KT233810210	KT233800210	2.1	49	24
KT233810220	KT233800220	2.2	53	27
KT233810225	KT233800225	2.25	53	27
KT233810230	KT233800230	2.3	53	27
KT233810240	KT233800240	2.4	57	30
KT233810250	KT233800250	2.5	57	30
KT233810260	KT233800260	2.6	57	30
KT233810270	KT233800270	2.7	61	33
KT233810275	KT233800275	2.75	61	33
KT233810280	KT233800280	2.8	61	33
KT233810290	KT233800290	2.9	61	33

Code		d	l1	l2
No coating	VAP coating			
KT233810300	KT233800300	3	61	33
KT233810310	KT233800310	3.1	65	36
KT233810320	KT233800320	3.2	65	36
KT233810325	KT233800325	3.25	65	36
KT233810330	KT233800330	3.3	65	36
KT233810340	KT233800340	3.4	70	39
KT233810350	KT233800350	3.5	70	39
KT233810360	KT233800360	3.6	70	39
KT233810370	KT233800370	3.7	70	39
KT233810375	KT233800375	3.75	70	39
KT233810380	KT233800380	3.8	75	43
KT233810390	KT233800390	3.9	75	43
KT233810400	KT233800400	4	75	43
KT233810410	KT233800410	4.1	75	43
KT233810420	KT233800420	4.2	75	43
KT233810425	KT233800425	4.25	75	43
KT233810430	KT233800430	4.3	80	47
KT233810440	KT233800440	4.4	80	47
KT233810450	KT233800450	4.5	80	47
KT233810460	KT233800460	4.6	80	47
KT233810470	KT233800470	4.7	80	47
KT233810475	KT233800475	4.75	80	47
KT233810480	KT233800480	4.8	86	52
KT233810490	KT233800490	4.9	86	52
KT233810500	KT233800500	5	86	52
KT233810510	KT233800510	5.1	86	52
KT233810520	KT233800520	5.2	86	52
KT233810525	KT233800525	5.25	86	52
KT233810530	KT233800530	5.3	86	52
KT233810540	KT233800540	5.4	93	57
KT233810550	KT233800550	5.5	93	57
KT233810560	KT233800560	5.6	93	57
KT233810570	KT233800570	5.7	93	57
KT233810575	KT233800575	5.75	93	57
KT233810580	KT233800580	5.8	93	57
KT233810590	KT233800590	5.9	93	57
KT233810600	KT233800600	6	93	57
KT233810610	KT233800610	6.1	101	63
KT233810620	KT233800620	6.2	101	63
KT233810625	KT233800625	6.25	101	63
KT233810630	KT233800630	6.3	101	63
KT233810640	KT233800640	6.4	101	63
KT233810650	KT233800650	6.5	101	63
KT233810660	KT233800660	6.6	101	63
KT233810670	KT233800670	6.7	101	63
KT233810675	KT233800675	6.75	109	69
KT233810680	KT233800680	6.8	109	69
KT233810690	KT233800690	6.9	109	69

+Blank | +VAP

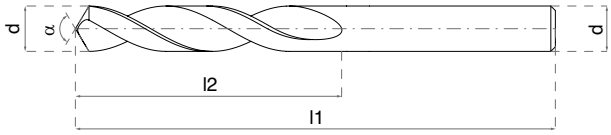
HSS | DIN 338 | RH

N | α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | N | α 118° | CYL



KT23381/KT23380

Code		d	l1	l2
No coating	VAP coating			
KT233810700	KT233800700	7	109	69
KT233810710	KT233800710	7.1	109	69
KT233810720	KT233800720	7.2	109	69
KT233810725	KT233800725	7.25	109	69
KT233810730	KT233800730	7.3	109	69
KT233810740	KT233800740	7.4	109	69
KT233810750	KT233800750	7.5	109	69
KT233810760	KT233800760	7.6	117	75
KT233810770	KT233800770	7.7	117	75
KT233810775	KT233800775	7.75	117	75
KT233810780	KT233800780	7.8	117	75
KT233810790	KT233800790	7.9	117	75
KT233810800	KT233800800	8	117	75
KT233810810	KT233800810	8.1	117	75
KT233810820	KT233800820	8.2	117	75
KT233810825	KT233800825	8.25	117	75
KT233810830	KT233800830	8.3	117	75
KT233810840	KT233800840	8.4	117	75
KT233810850	KT233800850	8.5	117	75
KT233810860	KT233800860	8.6	125	81
KT233810870	KT233800870	8.7	125	81
KT233810875	KT233800875	8.75	125	81
KT233810880	KT233800880	8.8	125	81
KT233810890	KT233800890	8.9	125	81
KT233810900	KT233800900	9	125	81
KT233810910	KT233800910	9.1	125	81
KT233810920	KT233800920	9.2	125	81
KT233810925	KT233800925	9.25	125	81
KT233810930	KT233800930	9.3	125	81
KT233810940	KT233800940	9.4	125	81
KT233810950	KT233800950	9.5	125	81
KT233810960	KT233800960	9.6	133	87
KT233810970	KT233800970	9.7	133	87
KT233810975	KT233800975	9.75	133	87
KT233810980	KT233800980	9.8	133	87
KT233810990	KT233800990	9.9	133	87
KT233811000	KT233801000	10	133	87
KT233811010	KT233801010	10.1	133	87
KT233811020	KT233801020	10.2	133	87
KT233811030	KT233801030	10.3	133	87

Code		d	l1	l2
No coating	VAP coating			
KT233811040	KT233801040	10.4	133	87
KT233811050	KT233801050	10.5	133	87
KT233811060	KT233801060	10.6	142	94
KT233811070	KT233801070	10.7	142	94
KT233811080	KT233801080	10.8	142	94
KT233811090	KT233801090	10.9	142	94
KT233811100	KT233801100	11	142	94
KT233811110	KT233801110	11.1	142	94
KT233811120	KT233801120	11.2	142	94
KT233811130	KT233801130	11.3	142	94
KT233811140	KT233801140	11.4	142	94
KT233811150	KT233801150	11.5	142	94
KT233811160	KT233801160	11.6	142	94
KT233811170	KT233801170	11.7	142	94
KT233811180	KT233801180	11.8	142	94
KT233811190	KT233801190	11.9	151	101
KT233811200	KT233801200	12	151	101
KT233811210	KT233801210	12.1	151	101
KT233811220	KT233801220	12.2	151	101
KT233811230	KT233801230	12.3	151	101
KT233811240	KT233801240	12.4	151	101
KT233811250	KT233801250	12.5	151	101
KT233811260	KT233801260	12.6	151	101
KT233811270	KT233801270	12.7	151	101
KT233811280	KT233801280	12.8	151	101
KT233811290	KT233801290	12.9	151	101
KT233811300	KT233801300	13	151	101
KT233811320	KT233801320	13.2	151	101
KT233811350	KT233801350	13.5	160	108
KT233811380	KT233801380	13.8	160	108
KT233811400	KT233801400	14	160	108
KT233811450	KT233801450	14.5	169	114
KT233811500	KT233801500	15	169	114
KT233811550	KT233801550	15.5	178	120
KT233811600	KT233801600	16	178	120
-	KT233801650	16.5	184	125
-	KT233801700	17	184	125
-	KT233801800	18	191	130
-	KT233801900	19	198	135
-	KT233802000	20	205	140

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

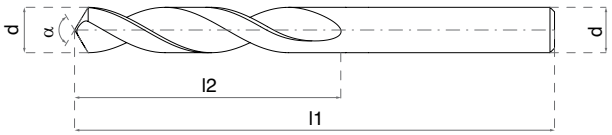
Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.

ExpertCut

KT23380

High Perfomance



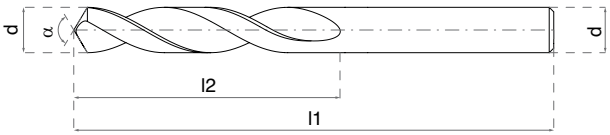
Code	Description
KT233807019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233807025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233807024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233807050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233807041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT233809019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233809025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233809024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233809050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233809041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

+VAP

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	Description
KT233817019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233817025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233817024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233817050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233817041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

ExpertCut

KT23381

High Perfomance

+Blank

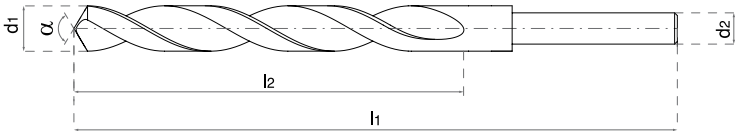
HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT23810
KT23313

High Perfomance



Code VAP coating	d1	d2	l1	l2
KT238101050	10.5	10	133	87
KT238101100	11	10	142	94
KT238101150	11.5	10	142	94
KT238101200	12	10	151	101
KT238101250	12.5	10	151	101
KT238101300	13	10	151	101

Code VAP coating	d1	d2	l1	l2
KT238101350	13.5	10	160	108
KT238101400	14	10	160	108
KT238101450	14.5	10	169	114
KT238101500	15	10	169	114
KT238101550	15.5	10	178	120
KT238101600	16	10	178	120

Code VAP coating	d1	d2	l1	l2
KT233131350	13.5	13	160	108
KT233131400	14	13	160	108
KT233131450	14.5	13	169	114
KT233131500	15	13	169	114
KT233131550	15.5	13	178	120
KT233131600	16	13	178	120
KT233131650	16.5	13	184	125

Code VAP coating	d1	d2	l1	l2
KT233131700	17	13	184	125
KT233131750	17.5	13	191	130
KT233131800	18	13	191	130
KT233131850	18.5	13	198	135
KT233131900	19	13	198	135
KT233131950	19.5	13	205	140
KT233132000	20	13	205	140

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

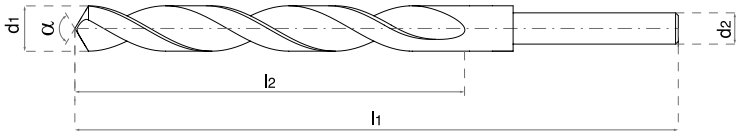
Specially designed for use in hand-held drilling machines, for drilling sheet materials: steel, non-ferrous materials, plastic, which are used in the automotive industry and in general mechanical engineering.

+VAP

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d1	d2	l1	l2
KT253131350	**13.5**	**13**	160	108
KT253131400	**14**	**13**	160	108
KT253131450	**14.5**	**13**	169	114
KT253131500	**15**	**13**	169	114
KT253131550	**15.5**	**13**	178	120
KT253131600	**16**	**13**	178	120
KT253131650	**16.5**	**13**	184	125

Code No coating	d1	d2	l1	l2
KT253131700	**17**	**13**	184	125
KT253131750	**17.5**	**13**	191	130
KT253131800	**18**	**13**	191	130
KT253131850	**18.5**	**13**	198	135
KT253131900	**19**	**13**	198	135
KT253131950	**19.5**	**13**	205	140
KT253132000	**20**	**13**	205	140

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Specially designed for use in hand-held drilling machines. Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials.

ExpertCut

KT25313

High Perfomance

+Blank

HSS-Co5	DIN 338	RH
N	α 130°	CYL

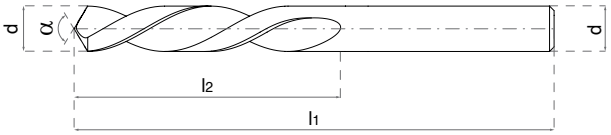
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24338

High Perfomance



Code No coating	d	l1	l2
KT243380100	1	34	12
KT243380150	1.5	40	18
KT243380200	2	49	24
KT243380250	2.5	57	30
KT243380300	3	61	33
KT243380320	3.2	65	36
KT243380330	3.3	65	36
KT243380350	3.5	70	39
KT243380400	4	75	43
KT243380420	4.2	75	43
KT243380450	4.5	80	47
KT243380480	4.8	86	52
KT243380500	5	86	52
KT243380550	5.5	93	57
KT243380600	6	93	57
KT243380640	6.4	101	63
KT243380650	6.5	101	63

Code No coating	d	l1	l2
KT243380680	6.8	109	69
KT243380700	7	109	69
KT243380750	7.5	109	69
KT243380800	8	117	75
KT243380850	8.5	117	75
KT243380870	8.7	125	81
KT243380900	9	125	81
KT243380950	9.5	125	81
KT243381000	10	133	87
KT243381020	10.2	133	87
KT243381050	10.5	133	87
KT243381100	11	142	94
KT243381150	11.5	142	94
KT243381200	12	151	101
KT243381250	12.5	151	101
KT243381300	13	151	101

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Left-handed design. Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.

+Blank

HSS	DIN 338	LH
N	α 118°	CYL

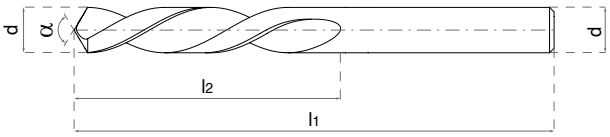
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24338

High Perfomance



Code	Description
KT243387019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT243387025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

HSS	DIN 338	LH
N	α 118°	CYL

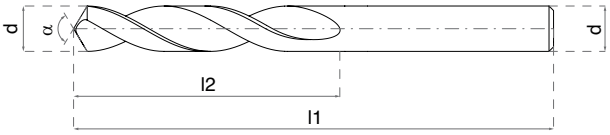
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23384

High Perfomance



Code No coating	d	l1	l2
KT233840100	1	34	12
KT233840110	1.1	34	12
KT233840120	1.2	34	12
KT233840130	1.3	34	12
KT233840140	1.4	34	12
KT233840150	1.5	40	18
KT233840160	1.6	40	18
KT233840170	1.7	40	18
KT233840180	1.8	40	18
KT233840190	1.9	40	18
KT233840200	2	49	24
KT233840210	2.1	49	24
KT233840220	2.2	49	24
KT233840230	2.3	49	24
KT233840240	2.4	49	24
KT233840250	2.5	57	30
KT233840260	2.6	57	30
KT233840270	2.7	57	30
KT233840280	2.8	57	30
KT233840290	2.9	57	30
KT233840300	3	61	33
KT233840310	3.1	61	33
KT233840320	3.2	65	36
KT233840330	3.3	65	36
KT233840340	3.4	65	36
KT233840350	3.5	70	39
KT233840360	3.6	70	39
KT233840370	3.7	70	39
KT233840380	3.8	70	39
KT233840390	3.9	70	39
KT233840400	4	75	43
KT233840410	4.1	75	43
KT233840420	4.2	75	43
KT233840430	4.3	75	43
KT233840440	4.4	75	43
KT233840450	4.5	80	47
KT233840460	4.6	80	47
KT233840470	4.7	80	47
KT233840480	4.8	86	52
KT233840490	4.9	86	52
KT233840500	5	86	52
KT233840510	5.1	86	52
KT233840520	5.2	86	52
KT233840530	5.3	86	52
KT233840540	5.4	86	52
KT233840550	5.5	93	57
KT233840560	5.6	93	57
KT233840570	5.7	93	57
KT233840580	5.8	93	57

Code No coating	d	l1	l2
KT233840590	5.9	93	57
KT233840600	6	93	57
KT233840610	6.1	93	57
KT233840620	6.2	93	57
KT233840630	6.3	93	57
KT233840640	6.4	101	63
KT233840650	6.5	101	63
KT233840660	6.6	101	63
KT233840670	6.7	101	63
KT233840680	6.8	109	69
KT233840690	6.9	109	69
KT233840700	7	109	69
KT233840710	7.1	109	69
KT233840720	7.2	109	69
KT233840730	7.3	109	69
KT233840740	7.4	109	69
KT233840750	7.5	109	69
KT233840760	7.6	109	69
KT233840770	7.7	109	69
KT233840780	7.8	109	69
KT233840790	7.9	109	69
KT233840800	8	117	75
KT233840810	8.1	117	75
KT233840820	8.2	117	75
KT233840830	8.3	117	75
KT233840840	8.4	117	75
KT233840850	8.5	117	75
KT233840860	8.6	117	75
KT233840870	8.7	125	81
KT233840880	8.8	125	81
KT233840890	8.9	125	81
KT233840900	9	125	81
KT233840910	9.1	125	81
KT233840920	9.2	125	81
KT233840930	9.3	125	81
KT233840940	9.4	125	81
KT233840950	9.5	125	81
KT233840960	9.6	125	81
KT233840970	9.7	125	81
KT233840980	9.8	125	81
KT233840990	9.9	125	81
KT233841000	10	133	87
KT233841020	10.2	133	87
KT233841050	10.5	133	87
KT233841100	11	142	94
KT233841150	11.5	142	94
KT233841200	12	151	101
KT233841250	12.5	151	101
KT233841300	13	151	101

+Blank

HSS	DIN 338	RH
W	α 130°	CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

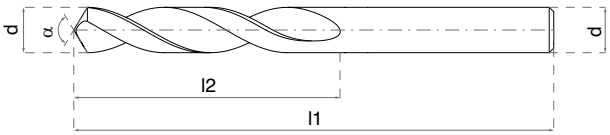
Recommendations for use:

Drill for machining ductile materials from Group N (non-ferrous alloys), non-alloyed materials, graphite.

ExpertCut

KT23384

High Perfomance



Code	Description
KT233847019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233847025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

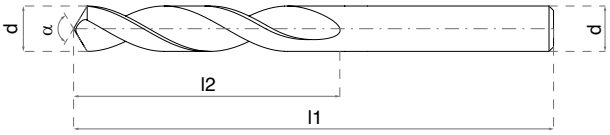
HSS	DIN 338	RH
W	α 130°	CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT23385
KT23387
KT23386

High Perfomance



Code			d	l1	l2
No coating	TiN coating	TiAlN coating			
KT233850030			0.3	19	3
KT233850040			0.4	20	5
KT233850050			0.5	22	6
KT233850060			0.6	24	7
KT233850070			0.7	28	9
KT233850080			0.8	30	10
KT233850090			0.9	32	11
KT233850100	KT233870100	KT233860100	1	34	12
KT233850110	KT233870110	KT233860110	1.1	36	14
KT233850120	KT233870120	KT233860120	1.2	38	16
KT233850130	KT233870130	KT233860130	1.3	38	16
KT233850140	KT233870140	KT233860140	1.4	40	18
KT233850150	KT233870150	KT233860150	1.5	40	18
KT233850160	KT233870160	KT233860160	1.6	43	20
KT233850170	KT233870170	KT233860170	1.7	43	20
KT233850175	KT233870175	KT233860175	1.75	46	22
KT233850180	KT233870180	KT233860180	1.8	46	22
KT233850190	KT233870190	KT233860190	1.9	46	22
KT233850200	KT233870200	KT233860200	2	49	24
KT233850210	KT233870210	KT233860210	2.1	49	24
KT233850220	KT233870220	KT233860220	2.2	53	27
KT233850225	KT233870225	KT233860225	2.25	53	27
KT233850230	KT233870230	KT233860230	2.3	53	27
KT233850240	KT233870240	KT233860240	2.4	57	30
KT233850250	KT233870250	KT233860250	2.5	57	30
KT233850260	KT233870260	KT233860260	2.6	57	30
KT233850270	KT233870270	KT233860270	2.7	61	33
KT233850275	KT233870275	KT233860275	2.75	61	33
KT233850280	KT233870280	KT233860280	2.8	61	33
KT233850290	KT233870290	KT233860290	2.9	61	33
KT233850300	KT233870300	KT233860300	3	61	33
KT233850310	KT233870310	KT233860310	3.1	65	36
KT233850320	KT233870320	KT233860320	3.2	65	36
KT233850325	KT233870325	KT233860325	3.25	65	36
KT233850330	KT233870330	KT233860330	3.3	65	36
KT233850340	KT233870340	KT233860340	3.4	70	39
KT233850350	KT233870350	KT233860350	3.5	70	39
KT233850360	KT233870360	KT233860360	3.6	70	39
KT233850370	KT233870370	KT233860370	3.7	70	39
KT233850375	KT233870375	KT233860375	3.75	70	39
KT233850380	KT233870380	KT233860380	3.8	75	43
KT233850390	KT233870390	KT233860390	3.9	75	43
KT233850400	KT233870400	KT233860400	4	75	43
KT233850410	KT233870410	KT233860410	4.1	75	43
KT233850420	KT233870420	KT233860420	4.2	75	43
KT233850425	KT233870425	KT233860425	4.25	75	43
KT233850430	KT233870430	KT233860430	4.3	80	47
KT233850440	KT233870440	KT233860440	4.4	80	47
KT233850450	KT233870450	KT233860450	4.5	80	47
KT233850460	KT233870460	KT233860460	4.6	80	47
KT233850470	KT233870470	KT233860470	4.7	80	47
KT233850475	KT233870475	KT233860475	4.75	80	47

+Blank | +TiAlN | +TiN

HSS-Co5 | DIN 338 | RH

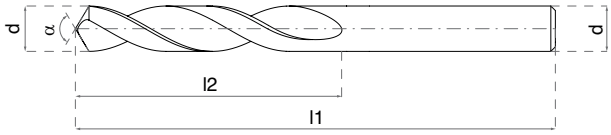
VA | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS-Co5 | DIN 338 | RH | VA | α 130° | CYL

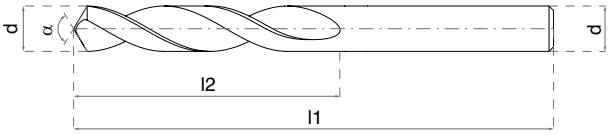
KT23385/KT23387/KT23386



Code			d	l1	l2
No coating	TiN coating	TiAlN coating			
KT233850480	KT233870480	KT233860480	4.8	86	52
KT233850490	KT233870490	KT233860490	4.9	86	52
KT233850500	KT233870500	KT233860500	5	86	52
KT233850510	KT233870510	KT233860510	5.1	86	52
KT233850520	KT233870520	KT233860520	5.2	86	52
KT233850525	KT233870525	KT233860525	5.25	86	52
KT233850530	KT233870530	KT233860530	5.3	86	52
KT233850540	KT233870540	KT233860540	5.4	93	57
KT233850550	KT233870550	KT233860550	5.5	93	57
KT233850560	KT233870560	KT233860560	5.6	93	57
KT233850570	KT233870570	KT233860570	5.7	93	57
KT233850575	KT233870575	KT233860575	5.75	93	57
KT233850580	KT233870580	KT233860580	5.8	93	57
KT233850590	KT233870590	KT233860590	5.9	93	57
KT233850600	KT233870600	KT233860600	6	93	57
KT233850610	KT233870610	KT233860610	6.1	101	63
KT233850620	KT233870620	KT233860620	6.2	101	63
KT233850625	KT233870625	KT233860625	6.25	101	63
KT233850630	KT233870630	KT233860630	6.3	101	63
KT233850640	KT233870640	KT233860640	6.4	101	63
KT233850650	KT233870650	KT233860650	6.5	101	63
KT233850660	KT233870660	KT233860660	6.6	101	63
KT233850670	KT233870670	KT233860670	6.7	101	63
KT233850675	KT233870675	KT233860675	6.75	109	69
KT233850680	KT233870680	KT233860680	6.8	109	69
KT233850690	KT233870690	KT233860690	6.9	109	69
KT233850700	KT233870700	KT233860700	7	109	69
KT233850710	KT233870710	KT233860710	7.1	109	69
KT233850720	KT233870720	KT233860720	7.2	109	69
KT233850725	KT233870725	KT233860725	7.25	109	69
KT233850730	KT233870730	KT233860730	7.3	109	69
KT233850740	KT233870740	KT233860740	7.4	109	69
KT233850750	KT233870750	KT233860750	7.5	109	69
KT233850760	KT233870760	KT233860760	7.6	117	75
KT233850770	KT233870770	KT233860770	7.7	117	75
KT233850775	KT233870775	KT233860775	7.75	117	75
KT233850780	KT233870780	KT233860780	7.8	117	75
KT233850790	KT233870790	KT233860790	7.9	117	75
KT233850800	KT233870800	KT233860800	8	117	75
KT233850810	KT233870810	KT233860810	8.1	117	75
KT233850820	KT233870820	KT233860820	8.2	117	75
KT233850825	KT233870825	KT233860825	8.25	117	75
KT233850830	KT233870830	KT233860830	8.3	117	75
KT233850840	KT233870840	KT233860840	8.4	117	75
KT233850850	KT233870850	KT233860850	8.5	117	75
KT233850860	KT233870860	KT233860860	8.6	125	81
KT233850870	KT233870870	KT233860870	8.7	125	81
KT233850875	KT233870875	KT233860875	8.75	125	81
KT233850880	KT233870880	KT233860880	8.8	125	81
KT233850890	KT233870890	KT233860890	8.9	125	81
KT233850900	KT233870900	KT233860900	9	125	81
KT233850910	KT233870910	KT233860910	9.1	125	81

HSS-Co5 | DIN 338 | RH | VA | α 130° | CYL

KT23385/KT23387/KT23386



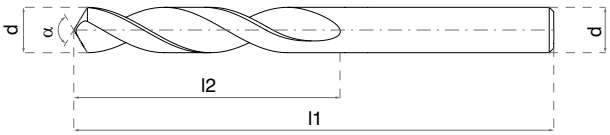
Code			d	l1	l2
No coating	TiN coating	TiAlN coating			
KT233850920	KT233870920	KT233860920	9.2	125	81
KT233850925	KT233870925	KT233860925	9.25	125	81
KT233850930	KT233870930	KT233860930	9.3	125	81
KT233850940	KT233870940	KT233860940	9.4	125	81
KT233850950	KT233870950	KT233860950	9.5	125	81
KT233850960	KT233870960	KT233860960	9.6	133	87
KT233850970	KT233870970	KT233860970	9.7	133	87
KT233850975	KT233870975	KT233860975	9.75	133	87
KT233850980	KT233870980	KT233860980	9.8	133	87
KT233850990	KT233870990	KT233860990	9.9	133	87
KT233851000	KT233871000	KT233861000	10	133	87
KT233851010	KT233871010	KT233861010	10.1	133	87
KT233851020	KT233871020	KT233861020	10.2	133	87
KT233851030	KT233871030	KT233861030	10.3	133	87
KT233851040	KT233871040	KT233861040	10.4	133	87
KT233851050	KT233871050	KT233861050	10.5	133	87
KT233851060	KT233871060	KT233861060	10.6	142	94
KT233851070	KT233871070	KT233861070	10.7	142	94
KT233851080	KT233871080	KT233861080	10.8	142	94
KT233851090	KT233871090	KT233861090	10.9	142	94
KT233851100	KT233871100	KT233861100	11	142	94
KT233851110	KT233871110	KT233861110	11.1	142	94
KT233851120	KT233871120	KT233861120	11.2	142	94
KT233851130	KT233871130	KT233861130	11.3	142	94
KT233851140	KT233871140	KT233861140	11.4	142	94
KT233851150	KT233871150	KT233861150	11.5	142	94
KT233851160	KT233871160	KT233861160	11.6	142	94
KT233851170	KT233871170	KT233861170	11.7	142	94
KT233851180	KT233871180	KT233861180	11.8	142	94
KT233851190	KT233871190	KT233861190	11.9	151	101
KT233851200	KT233871200	KT233861200	12	151	101
KT233851210	KT233871210	KT233861210	12.1	151	101
KT233851220	KT233871220	KT233861220	12.2	151	101
KT233851230	KT233871230	KT233861230	12.3	151	101
KT233851240	KT233871240	KT233861240	12.4	151	101
KT233851250	KT233871250	KT233861250	12.5	151	101
KT233851260	KT233871260	KT233861260	12.6	151	101
KT233851270	KT233871270	KT233861270	12.7	151	101
KT233851280	KT233871280	KT233861280	12.8	151	101
KT233851290	KT233871290	KT233861290	12.9	151	101
KT233851300	KT233871300	KT233861300	13	151	101
KT233851350	KT233871350	KT233861350	13.5	160	108
KT233851400	KT233871400	KT233861400	14	160	108
KT233851450	KT233871450	KT233861450	14.5	169	114
KT233851500	KT233871500	KT233861500	15	169	114
KT233851550	KT233871550	KT233861550	15.5	178	120
KT233851600	KT233871600	KT233861600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

Recommendations for use:

Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials. The drill is ground using split point technology, which enables self-centering drilling.



Code	Description
KT233852019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233852025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233857019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233857025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233857024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233857050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233857041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT233857055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT233859019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233859025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233859024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233859050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233859041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

ExpertCut

KT23385

High Perfomance

+Blank

HSS-Co5	DIN 338	RH
VA	α 130°	CYL

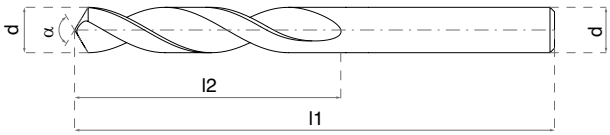
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23387

High Perfomance



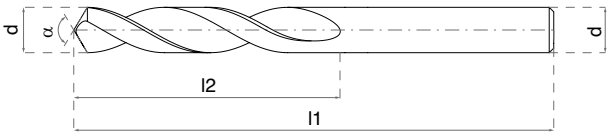
Code	Description
KT233877019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233877025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233877024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233877055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT233877091	In plastic stand with lid, 91 pcs, Ø1.0-10.0, pitch 0.1 mm
KT233879019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233879025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233879024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233879050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233879041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

+TiN

HSS-Co5	DIN 338	RH
VA	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	Description
KT233867019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233867025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233869019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233869025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233869024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT233869050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233869041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

ExpertCut

KT23386

High Perfomance

+TiAlN

HSS-Co5	DIN 338	RH
VA	α 130°	CYL

	Steel	●
	Stainless Steel	●
	Steel with hardness ≤45 HRC	◑
	Cast Iron	○
	Graphite	○
	Non-Ferrous Metals	○
	Heat-Resistant Alloys (HRSA)	○
	Titanium	○

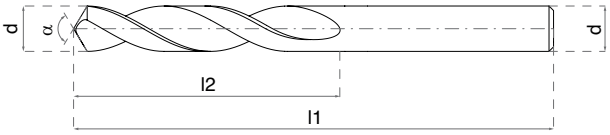
● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT28338

KT27338

High Perfomance



Code		d	l1	l2
No coating	TiAlN coating			
KT283380200	KT273380200	2	49	24
KT283380220	KT273380220	2.2	53	27
KT283380250	KT273380250	2.5	57	30
KT283380280	KT273380280	2.8	61	33
KT283380300	KT273380300	3	61	33
KT283380320	KT273380320	3.2	65	36
KT283380330	KT273380330	3.3	65	36
KT283380350	KT273380350	3.5	70	39
KT283380370	KT273380370	3.7	70	39
KT283380380	KT273380380	3.8	75	43
KT283380400	KT273380400	4	75	43
KT283380410	KT273380410	4.1	75	43
KT283380420	KT273380420	4.2	75	43
KT283380450	KT273380450	4.5	80	47
KT283380480	KT273380480	4.8	86	52
KT283380500	KT273380500	5	86	52
KT283380510	KT273380510	5.1	86	52
KT283380520	KT273380520	5.2	86	52
KT283380550	KT273380550	5.5	93	57
KT283380580	KT273380580	5.8	93	57
KT283380600	KT273380600	6	93	57
KT283380610	KT273380610	6.1	101	63
KT283380620	KT273380620	6.2	101	63
KT283380650	KT273380650	6.5	101	63
KT283380680	KT273380680	6.8	109	69
KT283380700	KT273380700	7	109	69
KT283380720	KT273380720	7.2	109	69

Code		d	l1	l2
No coating	TiAlN coating			
KT283380750	KT273380750	7.5	109	69
KT283380780	KT273380780	7.8	117	75
KT283380800	KT273380800	8	117	75
KT283380820	KT273380820	8.2	117	75
KT283380850	KT273380850	8.5	117	75
KT283380880	KT273380880	8.8	125	81
KT283380900	KT273380900	9	125	81
KT283380920	KT273380920	9.2	125	81
KT283380950	KT273380950	9.5	125	81
KT283380980	KT273380980	9.8	133	87
KT283381000	KT273381000	10	133	87
KT283381020	KT273381020	10.2	133	87
KT283381050	KT273381050	10.5	133	87
KT283381080	KT273381080	10.8	142	94
KT283381100	KT273381100	11	142	94
KT283381120	KT273381120	11.2	142	94
KT283381150	KT273381150	11.5	142	94
KT283381180	KT273381180	11.8	142	94
KT283381200	KT273381200	12	151	101
KT283381220	KT273381220	12.2	151	101
KT283381250	KT273381250	12.5	151	101
KT283381280	KT273381280	12.8	151	101
KT283381300	KT273381300	13	151	101
KT283381400	KT273381400	14	160	108
KT283381500	KT273381500	15	169	114
KT283381600	KT273381600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

Recommendations for use:

Drill specialized for machining Cr and Ni based alloys such as Hastelloy, Inconel, Monel, Nimonic, other heat resistant alloys and stainless steels. It can be used for machining steels and bronzes with tensile strength up to 1400 N/mm². The drill is ground using split point technology, which enables self-centering drilling.

+Blank | +TiAlN

HSS-Co8 | DIN 338 | RH

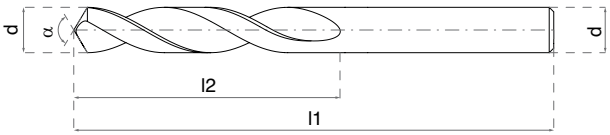
N | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	●
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT28338



Code	Description
KT283389019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT283389025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

High Perfomance

+Blank

HSS-Co8	DIN 338	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	●
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23389

KT23382

High Perfomance

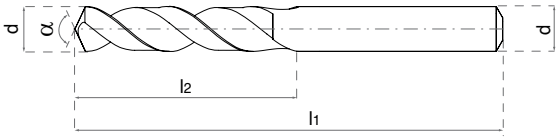
+Blank | +TiAlN

HSS-Co5 | DIN 338 | RH

Uni-FL | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
No coating	TiAlN coating			
KT233890150	KT233820150	1.5	40	18
KT233890160	KT233820160	1.6	43	20
KT233890170	KT233820170	1.7	43	20
KT233890180	KT233820180	1.8	46	22
KT233890190	KT233820190	1.9	46	22
KT233890200	KT233820200	2	49	24
KT233890210	KT233820210	2.1	49	24
KT233890220	KT233820220	2.2	53	27
KT233890230	KT233820230	2.3	53	27
KT233890240	KT233820240	2.4	57	30
KT233890250	KT233820250	2.5	57	30
KT233890260	KT233820260	2.6	57	30
KT233890270	KT233820270	2.7	61	33
KT233890280	KT233820280	2.8	61	33
KT233890290	KT233820290	2.9	61	33
KT233890300	KT233820300	3	61	33
KT233890310	KT233820310	3.1	65	36
KT233890320	KT233820320	3.2	65	36
KT233890330	KT233820330	3.3	65	36
KT233890340	KT233820340	3.4	70	39
KT233890350	KT233820350	3.5	70	39
KT233890360	KT233820360	3.6	70	39
KT233890370	KT233820370	3.7	70	39
KT233890380	KT233820380	3.8	75	43
KT233890390	KT233820390	3.9	75	43
KT233890400	KT233820400	4	75	43
KT233890410	KT233820410	4.1	75	43
KT233890420	KT233820420	4.2	75	43
KT233890430	KT233820430	4.3	80	47
KT233890440	KT233820440	4.4	80	47
KT233890450	KT233820450	4.5	80	47
KT233890460	KT233820460	4.6	80	47
KT233890470	KT233820470	4.7	80	47
KT233890480	KT233820480	4.8	86	52
KT233890490	KT233820490	4.9	86	52
KT233890500	KT233820500	5	86	52
KT233890510	KT233820510	5.1	86	52
KT233890520	KT233820520	5.2	86	52
KT233890530	KT233820530	5.3	86	52
KT233890540	KT233820540	5.4	93	57
KT233890550	KT233820550	5.5	93	57
KT233890560	KT233820560	5.6	93	57
KT233890570	KT233820570	5.7	93	57
KT233890580	KT233820580	5.8	93	57
KT233890590	KT233820590	5.9	93	57
KT233890600	KT233820600	6	93	57
KT233890610	KT233820610	6.1	101	63
KT233890620	KT233820620	6.2	101	63

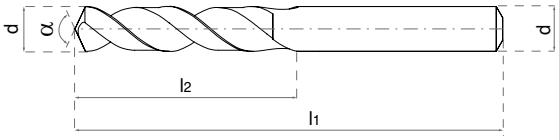
Code		d	l1	l2
No coating	TiAlN coating			
KT233890630	KT233820630	6.3	101	63
KT233890640	KT233820640	6.4	101	63
KT233890650	KT233820650	6.5	101	63
KT233890660	KT233820660	6.6	101	63
KT233890670	KT233820670	6.7	101	63
KT233890680	KT233820680	6.8	109	69
KT233890690	KT233820690	6.9	109	69
KT233890700	KT233820700	7	109	69
KT233890710	KT233820710	7.1	109	69
KT233890720	KT233820720	7.2	109	69
KT233890730	KT233820730	7.3	109	69
KT233890740	KT233820740	7.4	109	69
KT233890750	KT233820750	7.5	109	69
KT233890760	KT233820760	7.6	117	75
KT233890770	KT233820770	7.7	117	75
KT233890780	KT233820780	7.8	117	75
KT233890790	KT233820790	7.9	117	75
KT233890800	KT233820800	8	117	75
KT233890810	KT233820810	8.1	117	75
KT233890820	KT233820820	8.2	117	75
KT233890830	KT233820830	8.3	117	75
KT233890840	KT233820840	8.4	117	75
KT233890850	KT233820850	8.5	117	75
KT233890860	KT233820860	8.6	125	81
KT233890870	KT233820870	8.7	125	81
KT233890880	KT233820880	8.8	125	81
KT233890890	KT233820890	8.9	125	81
KT233890900	KT233820900	9	125	81
KT233890910	KT233820910	9.1	125	81
KT233890920	KT233820920	9.2	125	81
KT233890930	KT233820930	9.3	125	81
KT233890940	KT233820940	9.4	125	81
KT233890950	KT233820950	9.5	125	81
KT233890960	KT233820960	9.6	125	81
KT233890970	KT233820970	9.7	133	87
KT233890980	KT233820980	9.8	133	87
KT233890990	KT233820990	9.9	133	87
KT233891000	KT233821000	10	133	87
KT233891020	KT233821020	10.2	133	87
KT233891050	KT233821050	10.5	133	87
KT233891100	KT233821100	11	142	94
KT233891150	KT233821150	11.5	142	94
KT233891200	KT233821200	12	151	101
KT233891250	KT233821250	12.5	151	101
KT233891300	KT233821300	13	151	101
KT233891400	KT233821400	14	160	108
KT233891500	KT233821500	15	169	114
KT233891600	KT233821600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Universal twist drill with high hardness and special geometry for optimized chip formation. This allows drilling to greater depths without retracting the drill. The drill is ground using split point technology.



Code	Description
KT233897019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233897025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233899019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233899025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT233899050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT233899041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm

+Blank

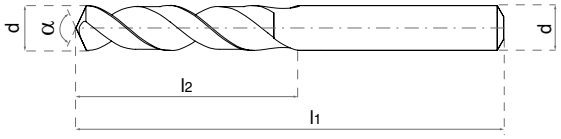
HSS-Co5	DIN 338	RH
Uni-FL	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT21338
KT22338

High Perfomance



Code		d	l1	l2
No coating	TiAlN coating			
KT213380200	KT223380200	2	49	24
KT213380250	KT223380250	2.5	57	30
KT213380300	KT223380300	3	61	33
KT213380320	KT223380320	3.2	65	36
KT213380330	KT223380330	3.3	65	36
KT213380350	KT223380350	3.5	70	39
KT213380400	KT223380400	4	75	43
KT213380420	KT223380420	4.2	75	43
KT213380450	KT223380450	4.5	80	47
KT213380480	KT223380480	4.8	86	52
KT213380490	KT223380490	4.9	86	52
KT213380500	KT223380500	5	86	52
KT213380550	KT223380550	5.5	93	57
KT213380600	KT223380600	6	93	57
KT213380650	KT223380650	6.5	101	63
KT213380680	KT223380680	6.8	109	69
KT213380700	KT223380700	7	109	69
KT213380750	KT223380750	7.5	109	69

Code		d	l1	l2
No coating	TiAlN coating			
KT213380800	KT223380800	8	117	75
KT213380850	KT223380850	8.5	117	75
KT213380900	KT223380900	9	125	81
KT213380950	KT223380950	9.5	125	81
KT213381000	KT223381000	10	133	87
KT213381020	KT223381020	10.2	133	87
KT213381050	KT223381050	10.5	133	87
KT213381100	KT223381100	11	142	94
KT213381150	KT223381150	11.5	142	94
KT213381200	KT223381200	12	151	101
KT213381250	KT223381250	12.5	151	101
KT213381300	KT223381300	13	151	101
KT213381350	KT223381350	13.5	160	108
KT213381400	KT223381400	14	160	108
KT213381450	KT223381450	14.5	169	114
KT213381500	KT223381500	15	169	114
KT213381550	KT223381550	15.5	178	120
KT213381600	KT223381600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Universal twist drill with high hardness and special geometry for better chip removal. This allows drilling to greater depths without retracting the drill. Used only for short-chipping materials. The drill is ground using split point technology.

+Blank | +TiAlN

HSS-Co5 | DIN 338 | RH

Uni-FK | α 130° | CYL

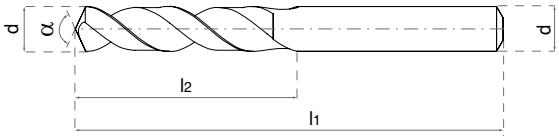
Steel	◑
Stainless Steel	○
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21338

High Perfomance



Code	Description
KT213389019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT213389025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

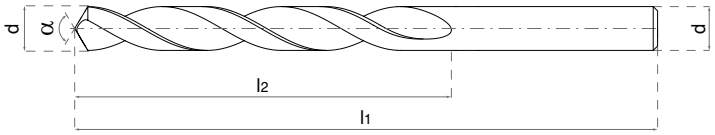
+Blank

HSS-Co5	DIN 338	RH
Uni-FK	α 130°	CYL

Steel	◑
Stainless Steel	○
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT23400
KT23402



Code		d	l1	l2
No coating	TiN coating			
KT234000040	-	0.4	30	10
KT234000050	-	0.5	32	12
KT234000060	-	0.6	35	15
KT234000070	-	0.7	42	21
KT234000080	-	0.8	46	25
KT234000090	-	0.9	51	29
KT234000100	KT234020100	1	56	33
KT234000110	KT234020110	1.1	60	37
KT234000120	KT234020120	1.2	65	41
KT234000130	KT234020130	1.3	65	41
KT234000140	KT234020140	1.4	70	45
KT234000150	KT234020150	1.5	70	45
KT234000160	KT234020160	1.6	76	50
KT234000170	KT234020170	1.7	76	50
KT234000180	KT234020180	1.8	80	53
KT234000190	KT234020190	1.9	80	53
KT234000200	KT234020200	2	85	56
KT234000210	KT234020210	2.1	85	56
KT234000220	KT234020220	2.2	90	59
KT234000230	KT234020230	2.3	90	59
KT234000240	KT234020240	2.4	95	62
KT234000250	KT234020250	2.5	95	62
KT234000260	KT234020260	2.6	95	62
KT234000270	KT234020270	2.7	100	66
KT234000280	KT234020280	2.8	100	66
KT234000290	KT234020290	2.9	100	66
KT234000300	KT234020300	3	100	66
KT234000310	KT234020310	3.1	106	69
KT234000320	KT234020320	3.2	106	69
KT234000325	KT234020325	3.25	106	69
KT234000330	KT234020330	3.3	106	69
KT234000340	KT234020340	3.4	112	73
KT234000350	KT234020350	3.5	112	73
KT234000360	KT234020360	3.6	112	73
KT234000370	KT234020370	3.7	112	73
KT234000380	KT234020380	3.8	119	78
KT234000390	KT234020390	3.9	119	78
KT234000400	KT234020400	4	119	78
KT234000410	KT234020410	4.1	119	78
KT234000420	KT234020420	4.2	119	78
KT234000425	KT234020425	4.25	119	78
KT234000430	KT234020430	4.3	126	82
KT234000440	KT234020440	4.4	126	82
KT234000450	KT234020450	4.5	126	82

Code		d	l1	l2
No coating	TiN coating			
KT234000460	KT234020460	4.6	126	82
KT234000470	KT234020470	4.7	126	82
KT234000480	KT234020480	4.8	132	87
KT234000490	KT234020490	4.9	132	87
KT234000500	KT234020500	5	132	87
KT234000510	KT234020510	5.1	132	87
KT234000520	KT234020520	5.2	132	87
KT234000530	KT234020530	5.3	132	87
KT234000540	KT234020540	5.4	139	91
KT234000550	KT234020550	5.5	139	91
KT234000560	KT234020560	5.6	139	91
KT234000570	KT234020570	5.7	139	91
KT234000580	KT234020580	5.8	139	91
KT234000590	KT234020590	5.9	139	91
KT234000600	KT234020600	6	139	91
KT234000610	KT234020610	6.1	148	97
KT234000620	KT234020620	6.2	148	97
KT234000630	KT234020630	6.3	148	97
KT234000640	KT234020640	6.4	148	97
KT234000650	KT234020650	6.5	148	97
KT234000660	KT234020660	6.6	148	97
KT234000670	KT234020670	6.7	148	97
KT234000680	KT234020680	6.8	156	102
KT234000690	KT234020690	6.9	156	102
KT234000700	KT234020700	7	156	102
KT234000720	KT234020720	7.2	156	102
KT234000750	KT234020750	7.5	156	102
KT234000780	KT234020780	7.8	165	109
KT234000800	KT234020800	8	165	109
KT234000820	KT234020820	8.2	165	109
KT234000850	KT234020850	8.5	165	109
KT234000900	KT234020900	9	175	115
KT234000950	KT234020950	9.5	175	115
KT234000980	KT234020980	9.8	184	121
KT234001000	KT234021000	10	184	121
KT234001020	KT234021020	10.2	184	121
KT234001050	KT234021050	10.5	184	121
KT234001100	KT234021100	11	195	128
KT234001150	KT234021150	11.5	195	128
KT234001200	KT234021200	12	205	134
KT234001250	KT234021250	12.5	205	134
KT234001300	KT234021300	13	205	134
KT234001400	KT234021400	14	214	140
KT234001500	KT234021500	15	220	144

+Blank | +TiN

HSS | DIN 340 | RH

N | α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

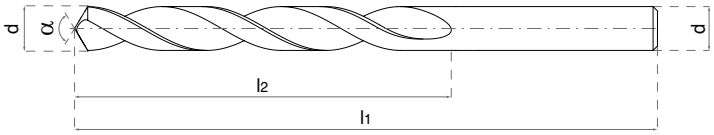
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
up to Ø5.9	10 pcs
Ø6.0-13.9	5 pcs
from Ø14.0	1 pc

Recommendations for use:

For drilling deep or hard-to-reach holes.



Code		d	l1	l2
No coating	TiN coating			
KT234050200	KT234070200	2	85	56
KT234050250	KT234070250	2.5	95	62
KT234050300	KT234070300	3	100	66
KT234050310	KT234070310	3.1	106	69
KT234050320	KT234070320	3.2	106	69
KT234050330	KT234070330	3.3	106	69
KT234050350	KT234070350	3.5	112	73
KT234050380	KT234070380	3.8	119	78
KT234050400	KT234070400	4	119	78
KT234050410	KT234070410	4.1	119	78
KT234050420	KT234070420	4.2	119	78
KT234050450	KT234070450	4.5	126	82
KT234050500	KT234070500	5	132	87
KT234050520	KT234070520	5.2	132	87
KT234050550	KT234070550	5.5	139	91
KT234050600	KT234070600	6	139	91

Code		d	l1	l2
No coating	TiN coating			
KT234050650	KT234070650	6.5	148	97
KT234050680	KT234070680	6.8	156	102
KT234050700	KT234070700	7	156	102
KT234050750	KT234070750	7.5	156	102
KT234050800	KT234070800	8	165	109
KT234050850	KT234070850	8.5	165	109
KT234050900	KT234070900	9	175	115
KT234050950	KT234070950	9.5	175	115
KT234051000	KT234071000	10	184	121
KT234051020	KT234071020	10.2	184	121
KT234051050	KT234071050	10.5	184	121
KT234051100	KT234071100	11	195	128
KT234051150	KT234071150	11.5	195	128
KT234051200	KT234071200	12	205	134
KT234051250	KT234071250	12.5	205	134
KT234051300	KT234071300	13	205	134

Packaging and minimum order

D	Quantity
up to Ø5.9	10 pcs
Ø6.0-13.9	5 pcs

Recommendations for use:

Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials. The drill is ground using split point technology, which enables self-centering drilling.

ExpertCut
KT23405
KT23407

High Perfomance

+Blank | +TiN

HSS-Co5 | DIN 340 | RH

VA | α 130° | CYL

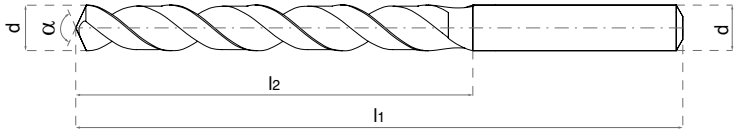
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21869

High Perfomance



Code No coating	d	l1	l2
KT218690100	1	100	60
KT218690150	1.5	100	60
KT218690200	2	125	85
KT218690250	2.5	140	95
KT218690300	3	150	100
KT218690310	3.1	155	105
KT218690320	3.2	155	105
KT218690330	3.3	155	105
KT218690350	3.5	165	115
KT218690400	4	175	120
KT218690420	4.2	175	120
KT218690450	4.5	185	125
KT218690500	5	195	135
KT218690550	5.5	205	140
KT218690600	6	205	140
KT218690650	6.5	215	150

Code No coating	d	l1	l2
KT218690680	6.8	225	155
KT218690700	7	225	155
KT218690750	7.5	225	155
KT218690800	8	240	165
KT218690850	8.5	240	165
KT218690900	9	250	175
KT218690950	9.5	250	175
KT218691000	10	265	185
KT218691020	10.2	265	185
KT218691050	10.5	265	185
KT218691100	11	280	195
KT218691150	11.5	280	195
KT218691200	12	295	205
KT218691250	12.5	295	205
KT218691300	13	295	205

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 1), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

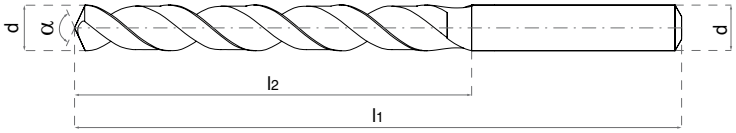
+Blank | +VAP

HSS | DIN 1869 | RH

TS | α 130° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2
KT228690150	1.5	150	100
KT228690200	2	160	110
KT228690250	2.5	180	120
KT228690300	3	190	130
KT228690320	3.2	200	135
KT228690350	3.5	210	145
KT228690400	4	220	150
KT228690420	4.2	220	150
KT228690450	4.5	235	160
KT228690500	5	245	170
KT228690550	5.5	260	180
KT228690600	6	260	180
KT228690650	6.5	275	190
KT228690680	6.8	290	200

Code No coating	d	l1	l2
KT228690700	7	290	200
KT228690750	7.5	290	200
KT228690800	8	305	210
KT228690850	8.5	305	210
KT228690900	9	320	220
KT228690950	9.5	320	220
KT228691000	10	340	235
KT228691020	10.2	340	235
KT228691050	10.5	340	235
KT228691100	11	365	250
KT228691150	11.5	365	250
KT228691200	12	375	260
KT228691250	12.5	375	260
KT228691300	13	375	260

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 2), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

ExpertCut

KT22869

High Perfomance

+Blank | +VAP

HSS | DIN 1869 | RH

TS | α 130° | CYL

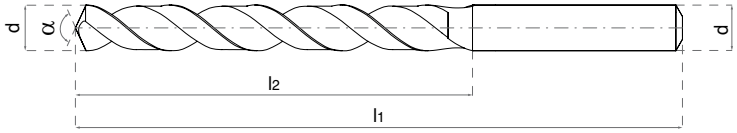
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23869

High Perfomance



Code No coating	d	l1	l2
KT238690200	2	200	135
KT238690250	2.5	225	150
KT238690300	3	240	160
KT238690320	3.2	250	170
KT238690350	3.5	265	180
KT238690400	4	280	190
KT238690420	4.2	280	190
KT238690450	4.5	295	200
KT238690500	5	315	210
KT238690550	5.5	330	225
KT238690600	6	330	225
KT238690650	6.5	350	235
KT238690680	6.8	370	250
KT238690700	7	370	250

Code No coating	d	l1	l2
KT238690750	7.5	370	250
KT238690800	8	390	265
KT238690850	8.5	390	265
KT238690900	9	410	280
KT238690950	9.5	410	280
KT238691000	10	430	295
KT238691020	10.2	430	295
KT238691050	10.5	430	295
KT238691100	11	455	310
KT238691150	11.5	455	310
KT238691200	12	480	330
KT238691250	12.5	480	330
KT238691300	13	480	330

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 3), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

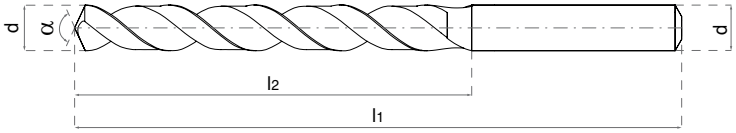
+Blank | +VAP

HSS | DIN 1869 | RH

TS | α 130° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2
KT218650200	2	125	85
KT218650250	2.5	140	95
KT218650300	3	150	100
KT218650320	3.2	155	105
KT218650330	3.3	155	105
KT218650350	3.5	165	115
KT218650400	4	175	120
KT218650420	4.2	175	120
KT218650450	4.5	185	125
KT218650500	5	195	135
KT218650550	5.5	205	140
KT218650600	6	205	140
KT218650650	6.5	215	150
KT218650680	6.8	225	155

Code No coating	d	l1	l2
KT218650700	7	225	155
KT218650750	7.5	225	155
KT218650800	8	240	165
KT218650850	8.5	240	165
KT218650900	9	250	175
KT218650950	9.5	250	175
KT218651000	10	265	185
KT218651020	10.2	265	185
KT218651050	10.5	265	185
KT218651100	11	280	195
KT218651150	11.5	280	195
KT218651200	12	295	205
KT218651250	12.5	295	205
KT218651300	13	295	205

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 1), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. The tool is highly heat resistant.

ExpertCut

KT21865

High Perfomance

+Blank

HSS-Co5	DIN 1869	RH
TS	α 130°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22865

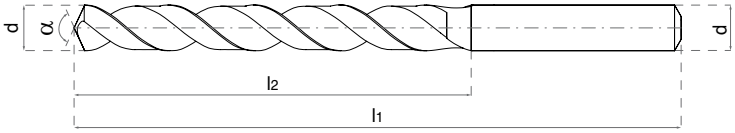
High Perfomance

+Blank

HSS-Co5	DIN 1869	RH
TS	α 130°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2
KT228650200	2	160	110
KT228650250	2.5	180	120
KT228650300	3	190	130
KT228650320	3.2	200	135
KT228650350	3.5	210	145
KT228650400	4	220	150
KT228650420	4.2	220	150
KT228650450	4.5	235	160
KT228650500	5	245	170
KT228650550	5.5	260	180
KT228650600	6	260	180
KT228650650	6.5	275	190
KT228650680	6.8	290	200
KT228650700	7	290	200

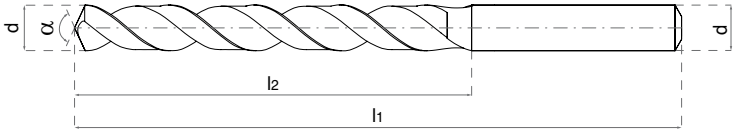
Code No coating	d	l1	l2
KT228650750	7.5	290	200
KT228650800	8	305	210
KT228650850	8.5	305	210
KT228650900	9	320	220
KT228650950	9.5	320	220
KT228651000	10	340	235
KT228651020	10.2	340	235
KT228651050	10.5	340	235
KT228651100	11	365	250
KT228651150	11.5	365	250
KT228651200	12	375	260
KT228651250	12.5	375	260
KT228651300	13	375	260

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 2), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. The tool is highly heat resistant.



Code No coating	d	l1	l2
KT238650300	**3**	240	160
KT238650320	**3.2**	250	170
KT238650350	**3.5**	265	180
KT238650400	**4**	280	190
KT238650420	**4.2**	280	190
KT238650450	**4.5**	295	200
KT238650500	**5**	315	210
KT238650550	**5.5**	330	225
KT238650600	**6**	330	225
KT238650650	**6.5**	350	235
KT238650680	**6.8**	370	250
KT238650700	**7**	370	250
KT238650750	**7.5**	370	250

Code No coating	d	l1	l2
KT238650800	**8**	390	265
KT238650850	**8.5**	390	265
KT238650900	**9**	410	280
KT238650950	**9.5**	410	280
KT238651000	**10**	430	295
KT238651020	**10.2**	430	295
KT238651050	**10.5**	430	295
KT238651100	**11**	455	310
KT238651150	**11.5**	455	310
KT238651200	**12**	480	330
KT238651250	**12.5**	480	330
KT238651300	**13**	480	330

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 2), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. The tool is highly heat resistant.

ExpertCut

KT23865

High Perfomance

+Blank

HSS-Co5	DIN 1869	RH
TS	α 130°	CYL

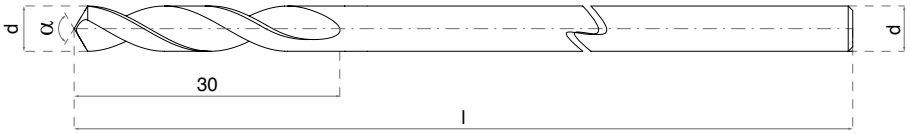
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT250

High Perfomance



Code	d	l
KT250100300	3	100
KT250070490	4.9	70
KT250100490	4.9	100
KT250120490	4.9	120
KT250150490	4.9	150
KT250070500	5	70
KT250100500	5	100
KT250120500	5	120
KT250150500	5	150
KT250180500	5	180
KT250210500	5	210
KT250070510	5.1	70
KT250100510	5.1	100
KT250120510	5.1	120
KT250150510	5.1	150
KT250180510	5.1	180
KT250210510	5.1	210
KT250070530	5.3	70
KT250100530	5.3	100
KT250120530	5.3	120
KT250150530	5.3	150

Code	d	l
KT250180530	5.3	180
KT250210530	5.3	210
KT250070550	5.5	70
KT250100550	5.5	100
KT250120550	5.5	120
KT250150550	5.5	150
KT250180550	5.5	180
KT250210550	5.5	210
KT250070570	5.7	70
KT250100570	5.7	100
KT250120570	5.7	120
KT250150570	5.7	150
KT250180570	5.7	180
KT250210570	5.7	210
KT250070580	5.8	70
KT250100580	5.8	100
KT250120580	5.8	120
KT250150580	5.8	150
KT250180580	5.8	180
KT250210580	5.8	210

Packaging and minimum order

D	Quantity
all dimensions	10 pcs

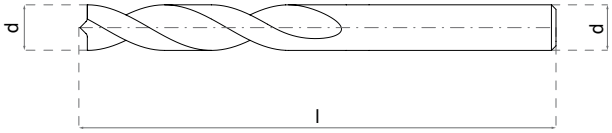
Recommendations for use:

Drill for machining hard-to-reach holes.

HSS | Karcan standard | RH | α 130° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l
No coating	TiN coating		
KT218980600	KT218900600	6	66
KT218980700	KT218900700	7	74

Code		d	l
No coating	TiN coating		
KT218980800	KT218900800	8	79
KT218981000	KT218901000	10	89

Packaging and minimum order

D	Quantity
up to Ø8.0	10 pcs
from Ø10.0	5 pcs

ExpertCut
KT21898
KT21890

High Perfomance

+Blank | +TiN

HSS-Co5 | DIN 1897 | RH | DIN 1412E | CYL

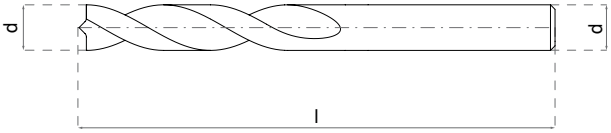
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21899
KT21889

High Perfomance



Code		d	l
No coating	TiN coating		
KT218990600	KT218890600	8	117

Packaging and minimum order

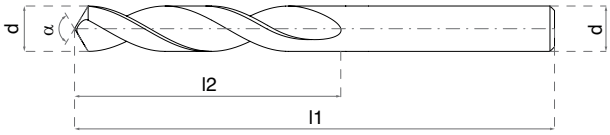
D	Quantity
all dimensions	10 pcs

+Blank | +TiN

HSS-Co5 | DIN 338 | RH | DIN 1412E | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
Form H	Form H-KU			
KT233380100	KT233390100	1	34	12
KT233380150	KT233390150	1.5	40	18
KT233380200	KT233390200	2	49	24
KT233380250	KT233390250	2.5	57	30
KT233380300	KT233390300	3	61	33
KT233380310	KT233390310	3.1	61	33
KT233380320	KT233390320	3.2	61	33
KT233380330	KT233390330	3.3	61	33
KT233380350	KT233390350	3.5	70	39
KT233380360	KT233390360	3.6	70	39
KT233380370	KT233390370	3.7	70	39
KT233380380	KT233390380	3.8	70	39
KT233380400	KT233390400	4	75	43
KT233380410	KT233390410	4.1	75	43
KT233380420	KT233390420	4.2	75	43
KT233380450	KT233390450	4.5	80	47
KT233380480	KT233390480	4.8	86	52
KT233380490	KT233390490	4.9	86	52
KT233380500	KT233390500	5	86	52
KT233380510	KT233390510	5.1	86	52

Code		d	l1	l2
Form H	Form H-KU			
KT233380520	KT233390520	5.2	86	52
KT233380550	KT233390550	5.5	93	57
KT233380600	KT233390600	6	93	57
KT233380650	KT233390650	6.5	101	63
KT233380680	KT233390680	6.8	109	69
KT233380700	KT233390700	7	109	69
KT233380750	KT233390750	7.5	109	69
KT233380800	KT233390800	8	117	75
KT233380850	KT233390850	8.5	117	75
KT233380900	KT233390900	9	125	81
KT233380950	KT233390950	9.5	125	81
KT233381000	KT233391000	10	133	87
KT233381020	KT233391020	10.2	133	87
KT233381050	KT233391050	10.5	133	87
KT233381100	KT233391100	11	142	94
KT233381150	KT233391150	11.5	142	94
KT233381200	KT233391200	12	151	101
KT233381250	KT233391250	12.5	151	101
KT233381300	KT233391300	13	151	101

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

For machining hard and brittle materials such as brass (short chip), magnesium alloys, bronzes. The H-KU drill (K23339) is designed for machining plastics.

ExpertCut

KT23338

KT23339

High Perfomance

+Blank

HSS	DIN 338	RH
H / H-KU	α 118/80	CYL

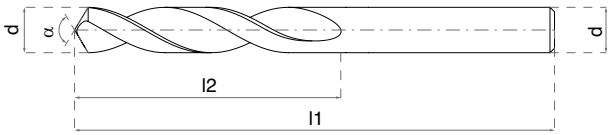
Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23338

High Perfomance



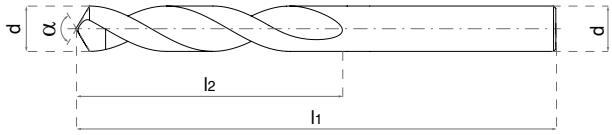
Code	Description
KT233387019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233387025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

HSS	DIN 338	RH
H	α 118°	CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2
KT280360200	2	49	24
KT280360250	2.5	57	30
KT280360300	3	61	33
KT280360330	3.3	65	36
KT280360350	3.5	70	39
KT280360400	4	75	43
KT280360420	4.2	75	43
KT280360430	4.3	80	47
KT280360450	4.5	80	47
KT280360500	5	86	52
KT280360510	5.1	86	52
KT280360550	5.5	93	57
KT280360600	6	93	57
KT280360610	6.1	101	63
KT280360650	6.5	101	63
KT280360680	6.8	109	69
KT280360700	7	109	69
KT280360750	7.5	109	69
KT280360800	8	117	75
KT280360810	8.1	117	75
KT280360850	8.5	117	75
KT280360900	9	125	81
KT280360950	9.5	125	81

Code No coating	d	l1	l2
KT280361000	10	133	87
KT280361020	10.2	133	87
KT280361050	10.5	133	87
KT280361100	11	142	94
KT280361150	11.5	142	94
KT280361200	12	151	101
KT280361250	12.5	151	101
KT280361300	13	151	101
KT280361350	13.5	160	108
KT280361400	14	160	108
KT280361450	14.5	169	114
KT280361500	15	169	114
KT280361550	15.5	178	120
KT280361600	16	178	120
KT280361650	16.5	184	125
KT280361700	17	184	125
KT280361750	17.5	191	130
KT280361800	18	191	130
KT280361850	18.5	198	135
KT280361900	19	198	135
KT280361950	19.5	205	140
KT280362000	20	205	140

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Drill with carbide cutting edge. Designed for drilling steel, hard cast iron, over 300 Brinell, pure molybdenum, hard bronze and other materials with similar properties.

ExpertCut

KT28036

High Perfomance

+Blank

Carbide tipped | DIN 338 | RH

α 118° | CYL

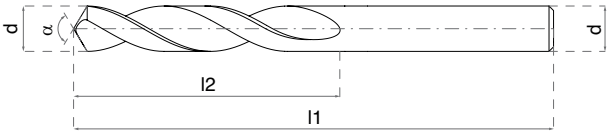
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT43389

High Perfomance



Code TiN-HC coating	d	l1	l2
KT433890100	1	34	12
KT433890110*	1.1	36	14
KT433890120*	1.2	38	16
KT433890130*	1.3	38	16
KT433890140*	1.4	40	18
KT433890150	1.5	40	18
KT433890160*	1.6	43	20
KT433890170*	1.7	43	20
KT433890180*	1.8	46	22
KT433890190*	1.9	46	22
KT433890200	2	49	24
KT433890210*	2.1	49	24
KT433890220*	2.2	53	27
KT433890230*	2.3	53	27
KT433890240*	2.4	57	30
KT433890250	2.5	57	30
KT433890260*	2.6	57	30
KT433890270*	2.7	61	33
KT433890280*	2.8	61	33
KT433890290*	2.9	61	33
KT433890300	3	61	33
KT433890310	3.1	65	36
KT433890320	3.2	65	36
KT433890330	3.3	65	36
KT433890340*	3.4	70	39
KT433890350	3.5	70	39
KT433890360	3.6	70	39
KT433890370	3.7	70	39
KT433890380	3.8	75	43
KT433890390*	3.9	75	43
KT433890400	4	75	43
KT433890410	4.1	75	43
KT433890420	4.2	75	43
KT433890430*	4.3	80	47
KT433890440*	4.4	80	47
KT433890450	4.5	80	47
KT433890460*	4.6	80	47
KT433890470*	4.7	80	47
KT433890480	4.8	86	52
KT433890490	4.9	86	52
KT433890500	5	86	52
KT433890510	5.1	86	52
KT433890520	5.2	86	52
KT433890530*	5.3	86	52
KT433890540*	5.4	93	57
KT433890550	5.5	93	57

Code TiN-HC coating	d	l1	l2
KT433890560	5.6	93	57
KT433890570*	5.7	93	57
KT433890580*	5.8	93	57
KT433890590*	5.9	93	57
KT433890600	6	93	57
KT433890610*	6.1	101	63
KT433890620*	6.2	101	63
KT433890630*	6.3	101	63
KT433890640*	6.4	101	63
KT433890650	6.5	101	63
KT433890660*	6.6	101	63
KT433890670*	6.7	101	63
KT433890680	6.8	109	69
KT433890690*	6.9	109	69
KT433890700	7	109	69
KT433890710	7.1	109	69
KT433890720*	7.2	109	69
KT433890730*	7.3	109	69
KT433890740*	7.4	109	69
KT433890750	7.5	109	69
KT433890760*	7.6	117	75
KT433890770*	7.7	117	75
KT433890780*	7.8	117	75
KT433890790*	7.9	117	75
KT433890800	8	117	75
KT433890810*	8.1	117	75
KT433890820*	8.2	117	75
KT433890830*	8.3	117	75
KT433890840*	8.4	117	75
KT433890850	8.5	117	75
KT433890860*	8.6	125	81
KT433890870*	8.7	125	81
KT433890880*	8.8	125	81
KT433890890*	8.9	125	81
KT433890900	9	125	81
KT433890910*	9.1	125	81
KT433890920*	9.2	125	81
KT433890930*	9.3	125	81
KT433890940*	9.4	125	81
KT433890950	9.5	125	81
KT433890960*	9.6	133	87
KT433890970*	9.7	133	87
KT433890980*	9.8	133	87
KT433890990*	9.9	133	87
KT433891000	10	133	87
KT433891010*	10.1	133	87

+TiN-HC

HSS | DIN 338 | RH

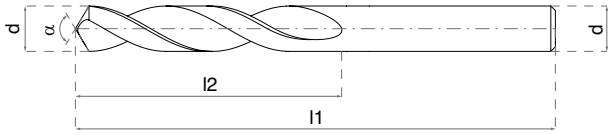
α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | α 118° | CYL

KT43389



Code TiN-HC coating	d	l1	l2
KT433891020	10.2	133	87
KT433891030*	10.3	133	87
KT433891040*	10.4	133	87
KT433891050	10.5	133	87
KT433891060*	10.6	142	94
KT433891070*	10.7	142	94
KT433891080*	10.8	142	94
KT433891090*	10.9	142	94
KT433891100	11	142	94
KT433891110*	11.1	142	94
KT433891120*	11.2	142	94
KT433891130*	11.3	142	94
KT433891140*	11.4	142	94
KT433891150	11.5	142	94
KT433891160*	11.6	142	94
KT433891170*	11.7	142	94
KT433891180*	11.8	142	94
KT433891190*	11.9	151	101

Code TiN-HC coating	d	l1	l2
KT433891200	12	151	101
KT433891210*	12.1	151	101
KT433891220*	12.2	151	101
KT433891230*	12.3	151	101
KT433891240*	12.4	151	101
KT433891250	12.5	151	101
KT433891260*	12.6	151	101
KT433891270*	12.7	151	101
KT433891280*	12.8	151	101
KT433891290*	12.9	151	101
KT433891300	13	151	101
KT433891350	13.5	160	108
KT433891400	14	160	108
KT433891450	14.5	169	114
KT433891500	15	169	114
KT433891550	15.5	178	120
KT433891600	16	178	120

* New diameters. Make to order.

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

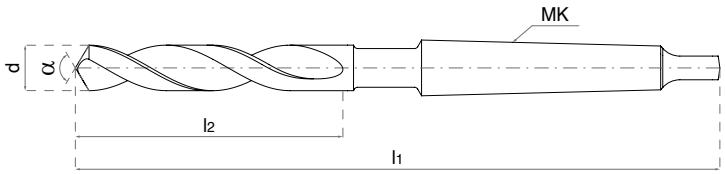
Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite. The drill is ground using split point technology, which enables self-centering drilling. The coating is applied only to the cutting edge of the drill.

ExpertCut

KT43450

High Perfomance



Code VAP coating	d	MK	l1	l2
KT434501000	10	1	168	87
KT434501020	10.2	1	168	87
KT434501050	10.5	1	168	87
KT434501100	11	1	175	94
KT434501150	11.5	1	175	94
KT434501200	12	1	182	101
KT434501250	12.5	1	182	101
KT434501300	13	1	182	101
KT434501350	13.5	1	189	108
KT434501400	14	1	189	108
KT434501450	14.5	2	212	114
KT434501500	15	2	212	114
KT434501550	15.5	2	218	120
KT434501600	16	2	218	120
KT434501650	16.5	2	223	125
KT434501700	17	2	223	125
KT434501750	17.5	2	228	130
KT434501800	18	2	228	130
KT434501850	18.5	2	233	135
KT434501900	19	2	233	135
KT434501950	19.5	2	238	140
KT434502000	20	2	238	140
KT434502050	20.5	2	243	145
KT434502100	21	2	243	145
KT434502150	21.5	2	248	150
KT434502200	22	2	248	150
KT434502250	22.5	2	253	155
KT434502300	23	3	253	155
KT434502350	23.5	3	276	155
KT434502400	24	3	281	160
KT434502450	24.5	3	281	160
KT434502500	25	3	281	160
KT434502550	25.5	3	286	165
KT434502600	26	3	286	165
KT434502650	26.5	3	286	165
KT434502700	27	3	291	170
KT434502750	27.5	3	291	170
KT434502800	28	3	291	170
KT434502850	28.5	3	296	175
KT434502900	29	3	296	175
KT434502950	29.5	3	296	175
KT434503000	30	3	296	175
KT434503050	30.5	3	301	180
KT434503100	31	3	301	180
KT434503150	31.5	3	301	180
KT434503200	32	4	334	185

Code VAP coating	d	MK	l1	l2
KT434503250	32.5	4	334	185
KT434503300	33	4	334	185
KT434503350	33.5	4	334	185
KT434503400	34	4	339	190
KT434503450	34.5	4	339	190
KT434503500	35	4	339	190
KT434503550	35.5	4	339	190
KT434503600	36	4	344	195
KT434503650	36.5	4	344	195
KT434503700	37	4	344	195
KT434503750	37.5	4	344	195
KT434503800	38	4	349	200
KT434503850	38.5	4	349	200
KT434503900	39	4	349	200
KT434503950	39.5	4	349	200
KT434504000	40	4	349	200
KT434504050	40.5	4	354	205
KT434504100	41	4	354	205
KT434504150	41.5	4	354	205
KT434504200	42	4	354	205
KT434504250	42.5	4	354	205
KT434504300	43	4	359	210
KT434504350	43.5	4	359	210
KT434504400	44	4	359	210
KT434504450	44.5	4	359	210
KT434504500	45	4	359	210
KT434504550	45.5	4	364	215
KT434504600	46	4	364	215
KT434504650	46.5	4	364	215
KT434504700	47	4	364	215
KT434504750	47.5	4	364	215
KT434504800	48	4	369	220
KT434504850	48.5	4	369	220
KT434504900	49	4	369	220
KT434504950	49.5	4	369	220
KT434505000	50	4	369	220
KT434505100	51	5	412	225
KT434505200	52	5	412	225
KT434505300	53	5	412	225
KT434505400	54	5	417	230
KT434505500	55	5	417	230
KT434505600	56	5	417	230
KT434505700	57	5	422	235
KT434505800	58	5	422	235
KT434505900	59	5	422	235
KT434506000	60	5	422	235

+VAP

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

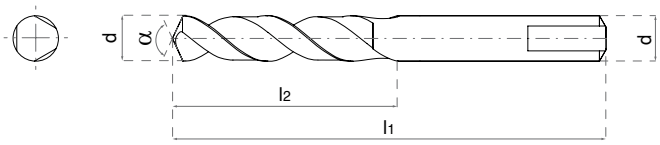
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.



Code VAP coating	d	l1	l2
KT343380100	1	34	12
KT343380150	1.5	40	18
KT343380200	2	49	24
KT343380250	2.5	57	30
KT343380300	3	61	33
KT343380320	3.2	65	36
KT343380330	3.3	65	36
KT343380350	3.5	70	39
KT343380380	3.8	75	43
KT343380400	4	75	43
KT343380410	4.1	75	43
KT343380420	4.2	75	43
KT343380450	4.5	80	47
KT343380480	4.8	86	52
KT343380490	4.9	86	52
KT343380500	5	86	52
KT343380510	5.1	86	52
KT343380520	5.2	86	52

Code VAP coating	d	l1	l2
KT343380550	5.5	93	57
KT343380600	6	93	57
KT343380650	6.5	101	63
KT343380680	6.8	109	69
KT343380700	7	109	69
KT343380750	7.5	109	69
KT343380800	8	117	75
KT343380850	8.5	117	75
KT343380900	9	125	81
KT343380950	9.5	125	81
KT343381000	10	133	87
KT343381020	10.2	133	87
KT343381050	10.5	133	87
KT343381100	11	142	94
KT343381150	11.5	142	94
KT343381200	12	151	101
KT343381250	12.5	151	101
KT343381300	13	151	101

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	1 pc

Recommendations for use:

Flatted shank drill for three-jawed collet chuck. Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials.

ExpertCut

KT34338

High Perfomance

+GF | +VAP

HSS-Co5 | DIN 338 | RH

VA | α 118° | CYL+ triangle

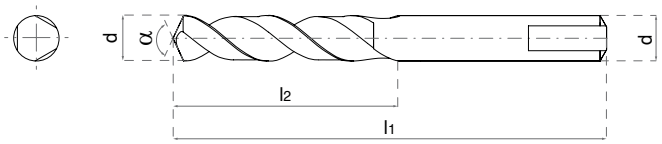
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT34338

High Perfomance



Code	Description
KT343387019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT343387025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

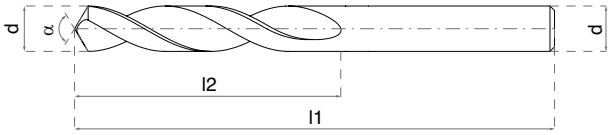
+GF | +VAP

HSS-Co5 | DIN 338 | RH

VA | α 118° | CYL+ triangle

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
No coating	TiN coating			
KT218970100	KT228970100	1	26	6
KT218970150	KT228970150	1.5	32	9
KT218970200	KT228970200	2	38	12
KT218970210	KT228970210	2.1	38	12
KT218970220	KT228970220	2.2	40	13
KT218970230	KT228970230	2.3	40	13
KT218970240	KT228970240	2.4	43	14
KT218970250	KT228970250	2.5	43	14
KT218970260	KT228970260	2.6	43	14
KT218970270	KT228970270	2.7	46	16
KT218970280	KT228970280	2.8	46	16
KT218970290	KT228970290	2.9	46	16
KT218970300	KT228970300	3	46	16
KT218970310	KT228970310	3.1	49	18
KT218970320	KT228970320	3.2	49	18
KT218970330	KT228970330	3.3	49	18
KT218970340	KT228970340	3.4	52	20
KT218970350	KT228970350	3.5	52	20
KT218970360	KT228970360	3.6	52	20
KT218970370	KT228970370	3.7	52	20
KT218970380	KT228970380	3.8	55	22
KT218970390	KT228970390	3.9	55	22
KT218970400	KT228970400	4	55	22
KT218970410	KT228970410	4.1	55	22
KT218970420	KT228970420	4.2	55	22
KT218970430	KT228970430	4.3	58	24
KT218970440	KT228970440	4.4	58	24
KT218970450	KT228970450	4.5	58	24
KT218970460	KT228970460	4.6	58	24
KT218970470	KT228970470	4.7	58	24
KT218970480	KT228970480	4.8	62	26
KT218970490	KT228970490	4.9	62	26

Code		d	l1	l2
No coating	TiN coating			
KT218970500	KT228970500	5	62	26
KT218970510	KT228970510	5.1	62	26
KT218970520	KT228970520	5.2	62	26
KT218970530	KT228970530	5.3	62	26
KT218970540	KT228970540	5.4	66	28
KT218970550	KT228970550	5.5	66	28
KT218970560	KT228970560	5.6	66	28
KT218970570	KT228970570	5.7	66	28
KT218970580	KT228970580	5.8	66	28
KT218970590	KT228970590	5.9	66	28
KT218970600	KT228970600	6	66	28
KT218970650	KT228970650	6.5	70	31
KT218970680	KT228970680	6.8	74	34
KT218970700	KT228970700	7	74	34
KT218970720	KT228970720	7.2	74	34
KT218970750	KT228970750	7.5	74	34
KT218970780	KT228970780	7.8	74	34
KT218970800	KT228970800	8	79	37
KT218970850	KT228970850	8.5	79	37
KT218970900	KT228970900	9	84	40
KT218970950	KT228970950	9.5	84	40
KT218971000	KT228971000	10	89	43
KT218971020	KT228971020	10.2	89	43
KT218971050	KT228971050	10.5	89	43
KT218971100	KT228971100	11	95	47
KT218971150	KT228971150	11.5	95	47
KT218971200	KT228971200	12	102	51
KT218971250	KT228971250	12.5	102	51
KT218971300	KT228971300	13	102	51
KT218971400	KT228971400	14	107	54
KT218971500	KT228971500	15	111	56
KT218971600	KT228971600	16	115	58

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
Ø6.9-13.0	5 pcs
from Ø13.5	1 pc

Recommendations for use:

Standard drill for drilling steel and cast iron.

ExpertCut

KT21897

KT22897

High Perfomance

+Blank | +TiN

HSS | DIN 1897 | RH

N | α 118° | CYL

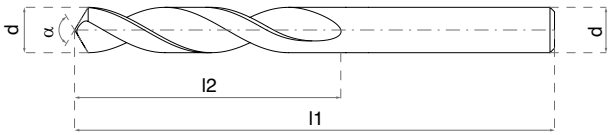
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21897

High Perfomance



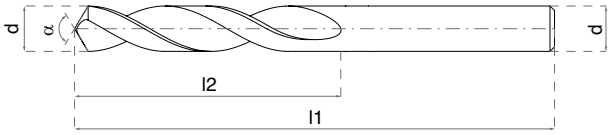
Code	Description
KT218979019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT218979025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

HSS	DIN 1897	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
No coating	TiN coating			
KT258970100	KT278970100	1	26	6
KT258970150	KT278970150	1.5	32	9
KT258970200	KT278970200	2	38	12
KT258970210	KT278970210	2.1	38	12
KT258970220	KT278970220	2.2	40	13
KT258970230	KT278970230	2.3	40	13
KT258970240	KT278970240	2.4	43	14
KT258970250	KT278970250	2.5	43	14
KT258970260	KT278970260	2.6	43	14
KT258970270	KT278970270	2.7	46	16
KT258970280	KT278970280	2.8	46	16
KT258970290	KT278970290	2.9	46	16
KT258970300	KT278970300	3	46	16
KT258970310	KT278970310	3.1	49	18
KT258970320	KT278970320	3.2	49	18
KT258970330	KT278970330	3.3	49	18
KT258970340	KT278970340	3.4	52	20
KT258970350	KT278970350	3.5	52	20
KT258970360	KT278970360	3.6	52	20
KT258970370	KT278970370	3.7	52	20
KT258970380	KT278970380	3.8	55	22
KT258970390	KT278970390	3.9	55	22
KT258970400	KT278970400	4	55	22
KT258970410	KT278970410	4.1	55	22
KT258970420	KT278970420	4.2	55	22
KT258970430	KT278970430	4.3	58	24
KT258970440	KT278970440	4.4	58	24
KT258970450	KT278970450	4.5	58	24
KT258970460	KT278970460	4.6	58	24
KT258970470	KT278970470	4.7	58	24
KT258970480	KT278970480	4.8	62	26
KT258970490	KT278970490	4.9	62	26
KT258970500	KT278970500	5	62	26
KT258970510	KT278970510	5.1	62	26
KT258970520	KT278970520	5.2	62	26
KT258970530	KT278970530	5.3	62	26
KT258970540	KT278970540	5.4	66	28
KT258970550	KT278970550	5.5	66	28
KT258970560	KT278970560	5.6	66	28
KT258970570	KT278970570	5.7	66	28
KT258970580	KT278970580	5.8	66	28
KT258970590	KT278970590	5.9	66	28
KT258970600	KT278970600	6	66	28
KT258970610	KT278970610	6.1	70	31

Code		d	l1	l2
No coating	TiN coating			
KT258970620	KT278970620	6.2	70	31
KT258970630	KT278970630	6.3	70	31
KT258970640	KT278970640	6.4	70	31
KT258970650	KT278970650	6.5	70	31
KT258970660	KT278970660	6.6	70	31
KT258970670	KT278970670	6.7	70	31
KT258970680	KT278970680	6.8	74	34
KT258970690	KT278970690	6.9	74	34
KT258970700	KT278970700	7	74	34
KT258970710	KT278970710	7.1	74	34
KT258970720	KT278970720	7.2	74	34
KT258970730	KT278970730	7.3	74	34
KT258970740	KT278970740	7.4	74	34
KT258970750	KT278970750	7.5	74	34
KT258970760	KT278970760	7.6	79	37
KT258970770	KT278970770	7.7	79	37
KT258970780	KT278970780	7.8	79	37
KT258970790	KT278970790	7.9	79	37
KT258970800	KT278970800	8	79	37
KT258970810	KT278970810	8.1	79	37
KT258970820	KT278970820	8.2	79	37
KT258970830	KT278970830	8.3	79	37
KT258970840	KT278970840	8.4	79	37
KT258970850	KT278970850	8.5	79	37
KT258970860	KT278970860	8.6	84	40
KT258970870	KT278970870	8.7	84	40
KT258970880	KT278970880	8.8	84	40
KT258970890	KT278970890	8.9	84	40
KT258970900	KT278970900	9	84	40
KT258970910	KT278970910	9.1	84	40
KT258970920	KT278970920	9.2	84	40
KT258970930	KT278970930	9.3	84	40
KT258970940	KT278970940	9.4	84	40
KT258970950	KT278970950	9.5	84	40
KT258970960	KT278970960	9.6	89	43
KT258970970	KT278970970	9.7	89	43
KT258970980	KT278970980	9.8	89	43
KT258970990	KT278970990	9.9	89	43
KT258971000	KT278971000	10	89	43
KT258971010	KT278971010	10.1	89	43
KT258971020	KT278971020	10.2	89	43
KT258971030	KT278971030	10.3	89	43
KT258971040	KT278971040	10.4	89	43
KT258971050	KT278971050	10.5	89	43

ExpertCut

KT25897

KT27897

High Perfomance

+Blank | +TiN

HSS-Co5 | DIN 1897 | RH

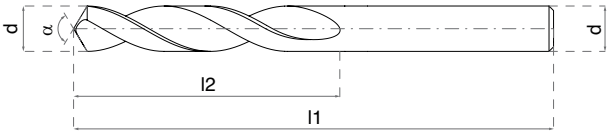
N | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

HSS-Co5 | DIN 1897 | RH | N | α 130° | CYL

KT25897/KT27897



Code		d	l1	l2
No coating	TiN coating			
KT258971060	KT278971060	10.6	89	43
KT258971070	KT278971070	10.7	95	47
KT258971080	KT278971080	10.8	95	47
KT258971090	KT278971090	10.9	95	47
KT258971100	KT278971100	11	95	47
KT258971110	KT278971110	11.1	95	47
KT258971120	KT278971120	11.2	95	47
KT258971130	KT278971130	11.3	95	47
KT258971140	KT278971140	11.4	95	47
KT258971150	KT278971150	11.5	95	47
KT258971160	KT278971160	11.6	95	47
KT258971170	KT278971170	11.7	95	47
KT258971180	KT278971180	11.8	95	47

Code		d	l1	l2
No coating	TiN coating			
KT258971190	KT278971190	11.9	102	51
KT258971200	KT278971200	12	102	51
KT258971210	KT278971210	12.1	102	51
KT258971220	KT278971220	12.2	102	51
KT258971230	KT278971230	12.3	102	51
KT258971240	KT278971240	12.4	102	51
KT258971250	KT278971250	12.5	102	51
KT258971260	KT278971260	12.6	102	51
KT258971270	KT278971270	12.7	102	51
KT258971280	KT278971280	12.8	102	51
KT258971290	KT278971290	12.9	102	51
KT258971300	KT278971300	13	102	51

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
Ø6.9-13.0	5 pcs
from Ø13.5	1 pc

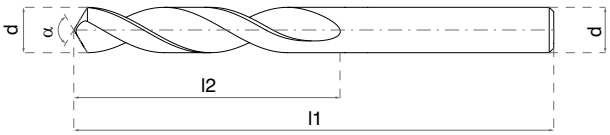
Recommendations for use:

Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials. The drill is ground using split point technology, which enables self-centering drilling.

ExpertCut

KT25897

High Perfomance



Code	Description
KT258979019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT258979025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

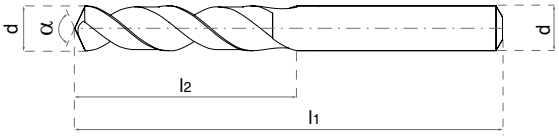
HSS-Co5	DIN 1897	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT23897
KT24897

High Perfomance



Code		d	l1	l2
No coating	TiAlN coating			
KT238970100	KT248970100	1	26	6
KT238970150	KT248970150	1.5	32	9
KT238970200	KT248970200	2	38	12
KT238970250	KT248970250	2.5	43	14
KT238970280	KT248970280	2.8	46	16
KT238970300	KT248970300	3	46	16
KT238970310	KT248970310	3.1	49	18
KT238970320	KT248970320	3.2	49	18
KT238970330	KT248970330	3.3	49	18
KT238970340	KT248970340	3.4	52	20
KT238970350	KT248970350	3.5	52	20
KT238970360	KT248970360	3.6	52	20
KT238970370	KT248970370	3.7	52	20
KT238970380	KT248970380	3.8	55	22
KT238970390	KT248970390	3.9	55	22
KT238970400	KT248970400	4	55	22
KT238970410	KT248970410	4.1	55	22
KT238970420	KT248970420	4.2	55	22
KT238970430	KT248970430	4.3	58	24
KT238970440	KT248970440	4.4	58	24
KT238970450	KT248970450	4.5	58	24
KT238970460	KT248970460	4.6	58	24
KT238970470	KT248970470	4.7	58	24
KT238970480	KT248970480	4.8	62	26
KT238970490	KT248970490	4.9	62	26
KT238970500	KT248970500	5	62	26
KT238970510	KT248970510	5.1	62	26
KT238970520	KT248970520	5.2	62	26
KT238970530	KT248970530	5.3	62	26
KT238970540	KT248970540	5.4	66	28
KT238970550	KT248970550	5.5	66	28
KT238970560	KT248970560	5.6	66	28
KT238970570	KT248970570	5.7	66	28
KT238970580	KT248970580	5.8	66	28
KT238970590	KT248970590	5.9	66	28

Code		d	l1	l2
No coating	TiAlN coating			
KT238970600	KT248970600	6	66	28
KT238970610	KT248970610	6.1	70	31
KT238970620	KT248970620	6.2	70	31
KT238970650	KT248970650	6.5	70	31
KT238970680	KT248970680	6.8	74	34
KT238970700	KT248970700	7	74	34
KT238970720	KT248970720	7.2	74	34
KT238970750	KT248970750	7.5	74	34
KT238970780	KT248970780	7.8	79	37
KT238970800	KT248970800	8	79	37
KT238970820	KT248970820	8.2	79	37
KT238970850	KT248970850	8.5	79	37
KT238970880	KT248970880	8.8	84	40
KT238970900	KT248970900	9	84	40
KT238970920	KT248970920	9.2	84	40
KT238970950	KT248970950	9.5	84	40
KT238970980	KT248970980	9.8	89	43
KT238971000	KT248971000	10	89	43
KT238971020	KT248971020	10.2	89	43
KT238971050	KT248971050	10.5	89	43
KT238971080	KT248971080	10.8	95	47
KT238971100	KT248971100	11	95	47
KT238971120	KT248971120	11.2	95	47
KT238971150	KT248971150	11.5	95	47
KT238971180	KT248971180	11.8	95	47
KT238971200	KT248971200	12	102	51
KT238971250	KT248971250	12.5	102	51
KT238971280	KT248971280	12.8	102	51
KT238971300	KT248971300	13	102	51
KT238971350	KT248971350	13.5	107	54
KT238971400	KT248971400	14	107	54
KT238971450	KT248971450	14.5	111	56
KT238971500	KT248971500	15	111	56
KT238971550	KT248971550	15.5	115	58
KT238971600	KT248971600	16	115	58

+Blank | +TiAlN

HSS-Co5 | DIN 1897 | RH

Uni-FL | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

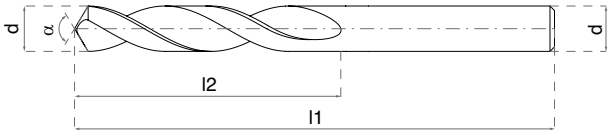
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
Ø6.9-13.0	5 pcs
from Ø13.5	1 pc

Recommendations for use:

Universal twist drill with high hardness and special geometry for better chip removal. This allows drilling to greater depths without retracting the drill. Wide application on materials with tensile strength up to 1200 N/mm².



Code No coating	d	l1	l2
KT233100300	3	39	12
KT233100310	3.1	39	12
KT233100320	3.2	39	12
KT233100325	3.25	39	12
KT233100330	3.3	39	12
KT233100350	3.5	47	12
KT233100360	3.6	47	12
KT233100370	3.7	47	12
KT233100375	3.75	47	12
KT233100380	3.8	47	12
KT233100400	4	47	12
KT233100410	4.1	47	12
KT233100420	4.2	47	12

Code No coating	d	l1	l2
KT233100425	4.25	47	12
KT233100450	4.5	47	12
KT233100480	4.8	56	15
KT233100490	4.9	56	15
KT233100500	5	56	15
KT233100510	5.1	56	15
KT233100520	5.2	56	15
KT233100530	5.3	56	15
KT233100550	5.5	56	15
KT233100560	5.6	56	15
KT233100570	5.7	56	15
KT233100580	5.8	56	15
KT233100600	6	56	15

Packaging and minimum order

D	Quantity
all dimensions	10 pcs

Recommendations for use:

Drill for machining Group N materials as well as plastics.

ExpertCut

KT23310

High Perfomance

+Blank

HSS	DIN 1897	RH
N	α 118°	CYL

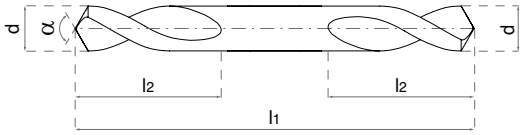
Steel	◑
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23350

High Perfomance



Code No coating	d	l1	l2
KT233500200	2	38	7.5
KT233500250	2.5	43	9.5
KT233500270	2.7	46	9.5
KT233500300	3	46	9.5
KT233500310	3.1	49	9.5
KT233500320	3.2	49	9.5
KT233500325	3.25	49	9.5
KT233500330	3.3	49	9.5
KT233500350	3.5	52	13
KT233500380	3.8	55	13
KT233500400	4	55	13
KT233500410	4.1	55	13

Code No coating	d	l1	l2
KT233500420	4.2	55	13
KT233500450	4.5	58	16
KT233500480	4.8	62	16
KT233500490	4.9	62	16
KT233500500	5	62	16
KT233500510	5.1	62	16
KT233500520	5.2	62	16
KT233500550	5.5	66	16
KT233500600	6	66	16
KT233500650	6.5	70	18
KT233500700	7	74	19
KT233500800	8	79	20

Packaging and minimum order

D	Quantity
all dimensions	10 pcs

Recommendations for use:

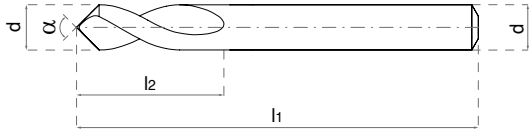
Double-ended drill with 130 degree angle, primarily for machining thin-walled steel parts.

+Blank

HSS | RH | α 130° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
No coating	TiN coating			
KT218090200	KT218100200	2	40	8
KT218090300	KT218100300	3	46	12
KT218090400	KT218100400	4	55	12
KT218090500	KT218100500	5	62	14
KT218090600	KT218100600	6	66	16
KT218090800	KT218100800	8	79	21

Code		d	l1	l2
No coating	TiN coating			
KT218091000	KT218101000	10	89	25
KT218091200	KT218101200	12	102	30
KT218091400	KT218101400	14	107	34
KT218091600	KT218101600	16	115	38
KT218092000	KT218102000	20	131	45
KT218092500	KT218102500	25	151	53

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation.

ExpertCut
KT21809
KT21810

High Perfomance

+Blank | +TiN

HSS-Co5 | Karcan standard | RH

α 90° | CYL

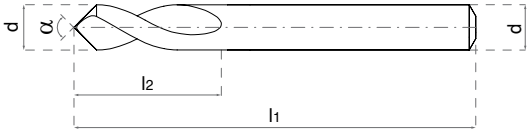
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21807

High Perfomance



Code TiAlN coating	d	l1	l2
KT218070200	**2**	40	8
KT218070300	**3**	46	12
KT218070400	**4**	55	12
KT218070500	**5**	62	14
KT218070600	**6**	66	16
KT218070800	**8**	79	21

Code TiAlN coating	d	l1	l2
KT218071000	**10**	89	25
KT218071200	**12**	102	30
KT218071400	**14**	107	34
KT218071600	**16**	115	38
KT218072000	**20**	131	45
KT218072500	**25**	151	53

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation, TiAlN coating.

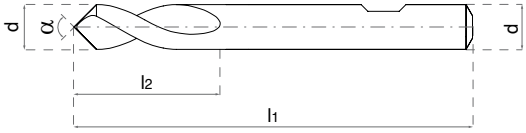
+TiAlN

HSS-Co5 | Karcan standard | RH

α 90° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code TiCN coating	d	l1	l2	Shank type
KT218030500	**5**	62	14	Cylinder
KT218030600	**6**	66	16	Weldon
KT218030800	**8**	79	21	Weldon
KT218031000	**10**	89	25	Weldon

Code TiCN coating	d	l1	l2	Shank type
KT218031200	**12**	102	30	Weldon
KT218031600	**16**	115	38	Weldon
KT218032000	**20**	131	45	Weldon

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation, TiCN coating.

ExpertCut

KT21803

High Perfomance

+TiCN

HSS-Co5 | Karcan standard | RH

α 90° | WEL

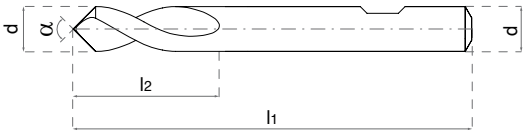
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21801

High Perfomance



Code TiAlN coating	d	l1	l2
KT218010600	**6**	66	16
KT218010800	**8**	79	21
KT218011000	**10**	89	25

Code TiAlN coating	d	l1	l2
KT218011200	**12**	102	30
KT218011600	**16**	115	38
KT218012000	**20**	131	45

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation, TiAlN coating.

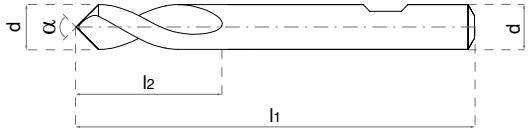
+TiAlN

HSS-Co5 | Karcan standard | RH

α 90° | WEL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code TiCN coating	d	l1	l2
KT218050600	**6**	140	20
KT218050800	**8**	140	25

Code TiCN coating	d	l1	l2
KT218051000	**10**	170	25
KT218051200	**12**	170	30

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Long series tool with WELDON shank for centering and chamfering threaded holes in one operation, TiCN coating.

ExpertCut

KT21805

High Perfomance

+TiCN

HSS-Co5 | Karcan standard | RH

α 90° | WEL

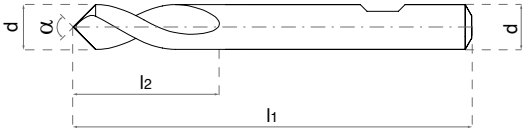
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21814
KT21815

High Perfomance



Code		d	l1	l2
No coating	TiN coating			
KT218140600	KT218150600	6	66	16
KT218140800	KT218150800	8	79	21
KT218141000	KT218151000	10	89	25

Code		d	l1	l2
No coating	TiN coating			
KT218141200	KT218151200	12	102	30
KT218141600	KT218151600	16	115	38
KT218142000	KT218152000	20	131	45

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation.

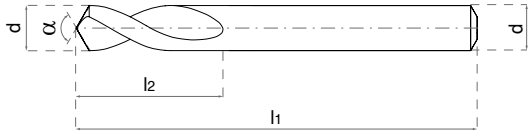
+Blank | +TiN

HSS-Co5 | Karcan standard | RH

α 90° | WEL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code		d	l1	l2
No coating	TiN coating			
KT218120200	KT218130200	2	40	8
KT218120300	KT218130300	3	46	12
KT218120400	KT218130400	4	55	12
KT218120500	KT218130500	5	62	14
KT218120600	KT218130600	6	66	16
KT218120800	KT218130800	8	79	21

Code		d	l1	l2
No coating	TiN coating			
KT218121000	KT218131000	10	89	25
KT218121200	KT218131200	12	102	30
KT218121400	KT218131400	14	107	34
KT218121600	KT218131600	16	115	38
KT218122000	KT218132000	20	131	45
KT218122500	KT218132500	25	151	53

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation.

ExpertCut
KT21812
KT21813

High Perfomance

+Blank | +TiN

HSS-Co5 | Karcan standard | RH

α 120° | CYL

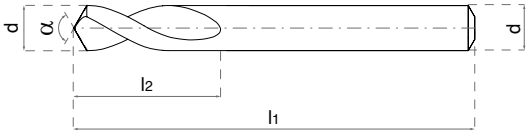
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21808

High Perfomance



Code TiAlN coating	d	l1	l2
KT218080200	**2**	40	8
KT218080300	**3**	46	12
KT218080400	**4**	55	12
KT218080500	**5**	62	14
KT218080600	**6**	66	16
KT218080800	**8**	79	21

Code TiAlN coating	d	l1	l2
KT218081000	**10**	89	25
KT218081200	**12**	102	30
KT218081400	**14**	107	34
KT218081600	**16**	115	38
KT218082000	**20**	131	45
KT218082500	**25**	151	53

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation, TiAlN coating.

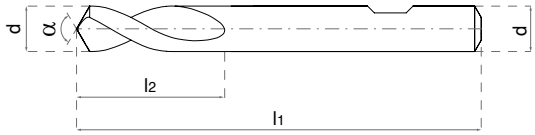
+TiAlN

HSS-Co5 | Karcan standard | RH

α 120° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code TiCN coating	d	l1	l2	Shank type
KT218040500	5	62	14	Cylinder
KT218040600	6	66	16	Weldon
KT218040800	8	79	21	Weldon
KT218041000	10	89	25	Weldon

Code TiCN coating	d	l1	l2	Shank type
KT218041200	12	102	30	Weldon
KT218041600	16	115	38	Weldon
KT218042000	20	131	45	Weldon

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation, TiCN coating.

ExpertCut

KT21804

High Perfomance

+TiCN

HSS-Co5 | Karcan standard | RH

α 120° | WEL

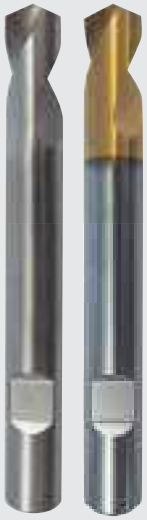
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

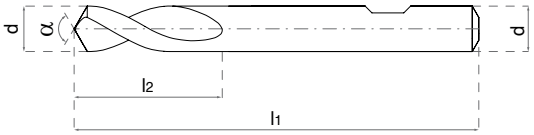
● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21816
KT21817

High Perfomance





Code		d	l1	l2
No coating	TiN coating			
KT218160600	KT218170600	6	66	16
KT218160800	KT218170800	8	79	21
KT218161000	KT218171000	10	89	25

Code		d	l1	l2
No coating	TiN coating			
KT218161200	KT218171200	12	102	30
KT218161600	KT218171600	16	115	38
KT218162000	KT218172000	20	131	45

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation.

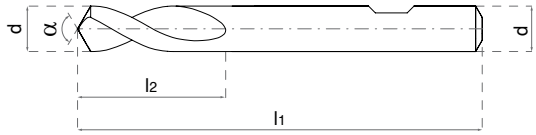
+Blank | +TiN

HSS-Co5 | Karcan standard | RH

α 120° | WEL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code TiAlN coating	d	l1	l2
KT218020600	6	66	16
KT218020800	8	79	21
KT218021000	10	89	25

Code TiAlN coating	d	l1	l2
KT218021200	12	102	30
KT218021600	16	115	38
KT218022000	20	131	45

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

WELDON shank tool for centering and chamfering threaded holes in one operation, TiAlN coating.

ExpertCut

KT21802

High Perfomance

+TiAlN

HSS-Co5 | Karcan standard | RH

α 120° | WEL

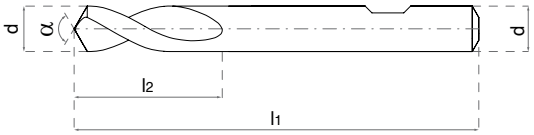
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21806

High Perfomance



Code TiCN coating	d	l1	l2
KT218060600	**6**	140	20
KT218060800	**8**	140	25

Code TiCN coating	d	l1	l2
KT218061000	**10**	170	25
KT218061200	**12**	170	30

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Long series tool with WELDON shank for centering and chamfering threaded holes in one operation, TiCN coating.

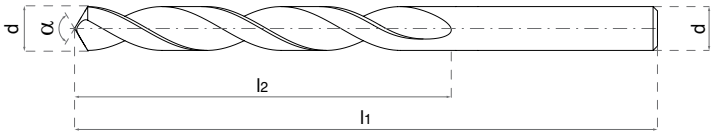
+TiCN

HSS-Co5 | Karcan standard | RH

α 120° | WEL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l1
No coating	TiAlN coating			
KT293380100	KT293390100	1	34	12
KT293380110	KT293390110	1.1	36	14
KT293380120	KT293390120	1.2	38	16
KT293380130	KT293390130	1.3	38	16
KT293380140	KT293390140	1.4	40	18
KT293380150	KT293390150	1.5	40	18
KT293380160	KT293390160	1.6	43	20
KT293380170	KT293390170	1.7	43	20
KT293380180	KT293390180	1.8	46	22
KT293380190	KT293390190	1.9	46	22
KT293380200	KT293390200	2	49	24
KT293380210	KT293390210	2.1	49	24
KT293380220	KT293390220	2.2	53	27
KT293380230	KT293390230	2.3	53	27
KT293380240	KT293390240	2.4	57	30
KT293380250	KT293390250	2.5	57	30
KT293380260	KT293390260	2.6	57	30
KT293380270	KT293390270	2.7	61	33
KT293380280	KT293390280	2.8	61	33
KT293380290	KT293390290	2.9	61	33
KT293380300	KT293390300	3	61	33
KT293380310	KT293390310	3.1	65	36
KT293380320	KT293390320	3.2	65	36
KT293380330	KT293390330	3.3	65	36
KT293380340	KT293390340	3.4	70	39
KT293380350	KT293390350	3.5	70	39
KT293380360	KT293390360	3.6	70	39
KT293380370	KT293390370	3.7	70	39
KT293380380	KT293390380	3.8	75	43
KT293380390	KT293390390	3.9	75	43
KT293380400	KT293390400	4	75	43
KT293380410	KT293390410	4.1	75	43
KT293380420	KT293390420	4.2	75	43
KT293380430	KT293390430	4.3	80	47
KT293380440	KT293390440	4.4	80	47
KT293380450	KT293390450	4.5	80	47
KT293380460	KT293390460	4.6	80	47
KT293380470	KT293390470	4.7	80	47
KT293380480	KT293390480	4.8	86	52
KT293380490	KT293390490	4.9	86	52

Code		d1	d2	l1
No coating	TiAlN coating			
KT293380500	KT293390500	5	86	52
KT293380510	KT293390510	5.1	86	52
KT293380520	KT293390520	5.2	86	52
KT293380530	KT293390530	5.3	86	52
KT293380540	KT293390540	5.4	93	57
KT293380550	KT293390550	5.5	93	57
KT293380560	KT293390560	5.6	93	57
KT293380570	KT293390570	5.7	93	57
KT293380580	KT293390580	5.8	93	57
KT293380590	KT293390590	5.9	93	57
KT293380600	KT293390600	6	93	57
KT293380610	KT293390610	6.1	101	63
KT293380620	KT293390620	6.2	101	63
KT293380630	KT293390630	6.3	101	63
KT293380640	KT293390640	6.4	101	63
KT293380650	KT293390650	6.5	101	63
KT293380660	KT293390660	6.6	101	63
KT293380670	KT293390670	6.7	101	63
KT293380680	KT293390680	6.8	109	69
KT293380690	KT293390690	6.9	109	69
KT293380700	KT293390700	7	109	69
KT293380710	KT293390710	7.1	109	69
KT293380720	KT293390720	7.2	109	69
KT293380730	KT293390730	7.3	109	69
KT293380740	KT293390740	7.4	109	69
KT293380750	KT293390750	7.5	109	69
KT293380760	KT293390760	7.6	117	75
KT293380770	KT293390770	7.7	117	75
KT293380780	KT293390780	7.8	117	75
KT293380790	KT293390790	7.9	117	75
KT293380800	KT293390800	8	117	75
KT293380810	KT293390810	8.1	117	75
KT293380820	KT293390820	8.2	117	75
KT293380830	KT293390830	8.3	117	75
KT293380840	KT293390840	8.4	117	75
KT293380850	KT293390850	8.5	117	75
KT293380860	KT293390860	8.6	125	81
KT293380870	KT293390870	8.7	125	81
KT293380880	KT293390880	8.8	125	81
KT293380890	KT293390890	8.9	125	81

ExpertCut

KT29338

KT29339

High Perfomance

+Blank | +TiAlN

VHM | DIN 338 | RH

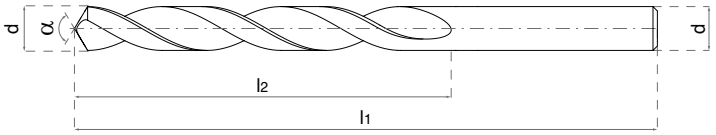
N | α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

VHM | DIN 338 | RH | N | α 118° | CYL

KT29338/KT29339



Code		d1	d2	l
No coating	TiAlN coating			
KT293380900	KT293390900	9	125	81
KT293380910	KT293390910	9.1	125	81
KT293380920	KT293390920	9.2	125	81
KT293380930	KT293390930	9.3	125	81
KT293380940	KT293390940	9.4	125	81
KT293380950	KT293390950	9.5	125	81
KT293380960	KT293390960	9.6	133	87
KT293380970	KT293390970	9.7	133	87
KT293380980	KT293390980	9.8	133	87
KT293380990	KT293390990	9.9	133	87

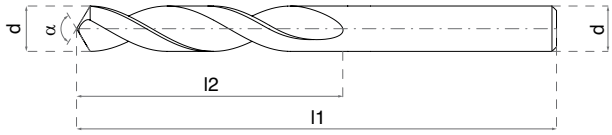
Code		d1	d2	l
No coating	TiAlN coating			
KT293381000	KT293391000	10	133	87
KT293381020	KT293391020	10.2	133	87
KT293381050	KT293391050	10.5	133	87
KT293381080	KT293391080	10.8	133	87
KT293381100	KT293391100	11	142	94
KT293381150	KT293391150	11.5	142	94
KT293381200	KT293391200	12	151	101
KT293381250	KT293391250	12.5	151	101
KT293381300	KT293391300	13	151	101

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal carbide drill with cylindrical shank equal to the cutting diameter. The drill is made according to DIN 338 with self-centering geometry. Recommended for use on simple tasks or general-purpose equipment. The basic range of carbide drills is presented in the KARCAN catalogs MICCUT and Hole Machining



Code No coating	d	l1	l2
KT296530100	1	26	6
KT296530110	1.1	28	7
KT296530120	1.2	30	8
KT296530130	1.3	30	8
KT296530140	1.4	32	9
KT296530150	1.5	32	9
KT296530160	1.6	34	10
KT296530170	1.7	34	10
KT296530180	1.8	36	11
KT296530190	1.9	36	11
KT296530200	2	38	12
KT296530210	2.1	38	12
KT296530220	2.2	40	13
KT296530230	2.3	40	13
KT296530240	2.4	43	14
KT296530250	2.5	43	14
KT296530260	2.6	43	14
KT296530270	2.7	46	16
KT296530280	2.8	46	16
KT296530290	2.9	46	16
KT296530300	3	46	16
KT296530310	3.1	49	18
KT296530320	3.2	49	18
KT296530330	3.3	49	18
KT296530340	3.4	52	20
KT296530350	3.5	52	20
KT296530360	3.6	52	20
KT296530370	3.7	52	20
KT296530380	3.8	55	22
KT296530390	3.9	55	22
KT296530400	4	55	22
KT296530410	4.1	55	22
KT296530420	4.2	55	22
KT296530430	4.3	58	24
KT296530440	4.4	58	24
KT296530450	4.5	58	24
KT296530460	4.6	58	24
KT296530470	4.7	58	24
KT296530480	4.8	62	26
KT296530490	4.9	62	26
KT296530500	5	62	26
KT296530510	5.1	62	26
KT296530520	5.2	62	26
KT296530530	5.3	62	26
KT296530540	5.4	66	28
KT296530550	5.5	66	28
KT296530560	5.6	66	28
KT296530570	5.7	66	28
KT296530580	5.8	66	28
KT296530590	5.9	66	28

Code No coating	d	l1	l2
KT296530600	6	66	28
KT296530610	6.1	70	31
KT296530620	6.2	70	31
KT296530630	6.3	70	31
KT296530640	6.4	70	31
KT296530650	6.5	70	31
KT296530660	6.6	70	31
KT296530670	6.7	70	31
KT296530680	6.8	74	34
KT296530690	6.9	74	34
KT296530700	7	74	34
KT296530710	7.1	74	34
KT296530720	7.2	74	34
KT296530730	7.3	74	34
KT296530740	7.4	74	34
KT296530750	7.5	74	34
KT296530760	7.6	79	37
KT296530770	7.7	79	37
KT296530780	7.8	79	37
KT296530780	7.9	79	37
KT296530800	8	79	37
KT296530810	8.1	79	37
KT296530820	8.2	79	37
KT296530830	8.3	79	37
KT296530840	8.4	79	37
KT296530850	8.5	79	37
KT296530860	8.6	84	40
KT296530870	8.7	84	40
KT296530880	8.8	84	40
KT296530890	8.9	84	40
KT296530900	9	84	40
KT296530910	9.1	84	40
KT296530920	9.2	84	40
KT296530930	9.3	84	40
KT296530940	9.4	84	40
KT296530950	9.5	84	40
KT296530960	9.6	89	43
KT296530970	9.7	89	43
KT296530980	9.8	89	43
KT296530990	9.9	89	43
KT296531000	10	89	43
KT296531020	10.2	89	43
KT296531050	10.5	89	43
KT296531080	10.8	95	47
KT296531100	11	95	47
KT296531150	11.5	95	47
KT296531200	12	102	51
KT296531250	12.5	102	51
KT296531300	13	102	51

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal carbide drill with cylindrical shank equal to the cutting diameter. The drill is made according to DIN 6539 with self-centering geometry. Recommended for use on simple tasks or general-purpose equipment. The basic range of carbide drills is presented in the KARCAN catalogs MICCUT and Hole Machining

ExpertCut

KT29653

High Perfomance

+Blank

VHM	DIN 6539	RH
N	α 118°	CYL

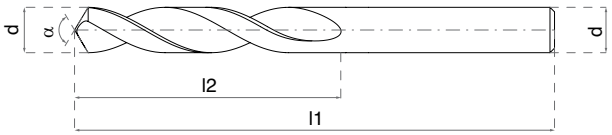
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT29653

High Perfomance



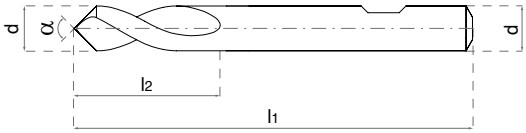
Code	Description
KT296539019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT296539025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

VHM	DIN 6539	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2	Shank type
KT218180300	**3**	35	8	Cylinder
KT218180400	**4**	50	10	Cylinder
KT218180500	**5**	50	13	Cylinder
KT218180600	**6**	57	18	weldon
KT218180800	**8**	63	19	weldon

Code No coating	d	l1	l2	Shank type
KT218181000	**10**	66	20	weldon
KT218181200	**12**	73	22	weldon
KT218181600	**16**	82	24	weldon
KT218182000	**20**	92	30	weldon

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation.

ExpertCut

KT21818

High Perfomance

+Blank

VHM | Karcan standard | RH

α 90° | CYL/ WEL

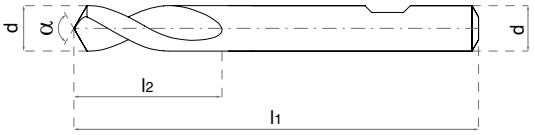
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21820

High Perfomance



Code No coating	d	l1	l2	Shank type
KT218200300	**3**	35	8	Cylinder
KT218200400	**4**	50	10	Cylinder
KT218200500	**5**	50	13	Cylinder
KT218200600	**6**	57	18	weldon
KT218200800	**8**	63	19	weldon

Code No coating	d	l1	l2	Shank type
KT218201000	**10**	66	20	weldon
KT218201200	**12**	73	22	weldon
KT218201600	**16**	82	24	weldon
KT218202000	**20**	92	30	weldon

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Tool for centering and chamfering threaded holes in one operation.

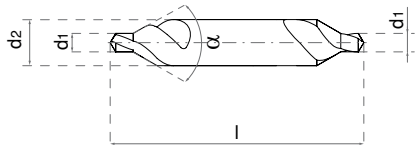
+Blank

VHM | Karcan standard | RH

α 120° | CYL/ WEL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l
No coating	TiN coating			
KT233300050	-	0.5*	3.15	25
KT233300080	-	0.8*	3.15	25
KT233300100	KT233360100	1	3.15	31.5
KT233300125	KT233360125	1.25	3.15	31.5
KT233300160	KT233360160	1.6	4	35.5
KT233300200	KT233360200	2	5	40
KT233300250	KT233360250	2.5	6.3	45

Code		d1	d2	l
No coating	TiN coating			
KT233300315	KT233360315	3.15	8	50
KT233300400	KT233360400	4	10	56
KT233300500	KT233360500	5	12.5	63
KT233300630	KT233360630	6.3	16	71
KT233300800	KT233360800	8	20	80
KT233301000	KT233361000	10	25	100
KT233301250	KT233361250	12.5	31.5	125

* Single-ended design

Packaging and minimum order

D	Quantity
up to Ø3.15	10 pcs
Ø4.0-6.3	5 pcs
from Ø8.0	1 pc

ExpertCut KT23330 KT23336

High Perfomance

+Blank | +TiN

HSS | DIN 333 | RH

A | α 60° | CYL

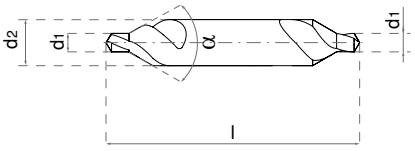
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23120

High Perfomance



Code No coating	d1	d2	l
KT231200100	1	3.15	120
KT231200160	1.6	4	120
KT231200200	2	5	120
KT231200250	2.5	6.3	120

Code No coating	d1	d2	l
KT231200315	3.15	8	120
KT231200400	4	10	120
KT231200500	5	12.5	120

Packaging and minimum order

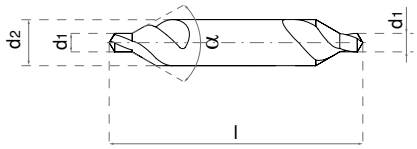
D	Quantity
all dimensions	5 pcs

+Blank

HSS	DIN 333	RH
A	α 60°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d1	d2	l
KT233350100	**1**	**3.15**	31.5
KT233350125	**1.25**	**3.15**	31.5
KT233350160	**1.6**	**4**	35.5
KT233350200	**2**	**5**	40
KT233350250	**2.5**	**6.3**	45

Code No coating	d1	d2	l
KT233350315	**3.15**	**8**	50
KT233350400	**4**	**10**	56
KT233350500	**5**	**12.5**	63
KT233350630	**6.3**	**16**	71

Packaging and minimum order

D	Quantity
up to Ø3.15	10 pcs
from Ø4.0	5 pcs

ExpertCut

KT23335

High Perfomance

+Blank

HSS-Co5	DIN 333	RH
A	α 60°	CYL

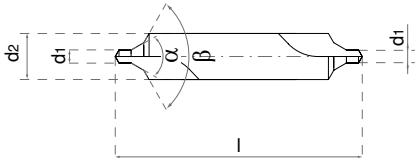
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23331

High Perfomance



Code No coating	d1	d2	l
KT233310100	1	4	35.5
KT233310125	1.25	5	40
KT233310160	1.6	6.3	45
KT233310200	2	8	50
KT233310250	2.5	10	56

Code No coating	d1	d2	l
KT233310315	3.15	11.2	60
KT233310400	4	14	67
KT233310500	5	18	75
KT233310630	6.3	20	80

Packaging and minimum order

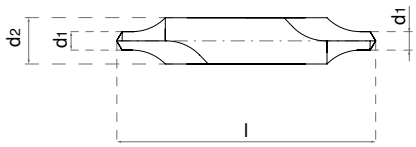
D	Quantity
up to Ø2.0	10 pcs
from Ø2.5	5 pcs

+Blank

HSS	DIN 333	RH
B	α 60°	β 120°
	CYL	

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d1	d2	l
KT233320100	**1**	**3.15**	31.5
KT233320125	**1.25**	**3.15**	31.5
KT233320160	**1.6**	**4**	35.5
KT233320200	**2**	**5**	40
KT233320250	**2.5**	**6.3**	45

Code No coating	d1	d2	l
KT233320315	**3.15**	**8**	50
KT233320400	**4**	**10**	56
KT233320500	**5**	**12.5**	63
KT233320630	**6.3**	**16**	71

Packaging and minimum order

D	Quantity
up to Ø3.15	10 pcs
from Ø4.0	5 pcs

ExpertCut

KT23332

High Perfomance

+Blank

HSS | DIN 333 | RH

R | CYL

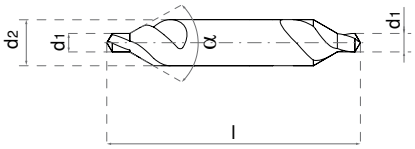
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT29333

High Perfomance



Code No coating	d1	d2	l
KT293330160	**1.6**	**4**	35.5
KT293330200	**2**	**5**	40
KT293330250	**2.5**	**6.3**	45

Code No coating	d1	d2	l
KT293330315	**3.15**	**8**	50
KT293330400	**4**	**10**	56

Packaging and minimum order

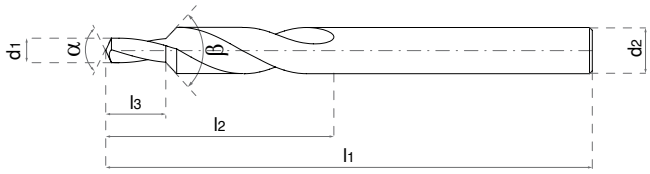
D	Quantity
all dimensions	1 pc

+Blank

VHM	DIN 333	RH
A	α 60°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT281740003	**M3**	**3.2**	**6**	66	28	9
KT281740004	**M4**	**4.3**	**8**	79	37	11
KT281740005	**M5**	**5.3**	**10**	89	43	13
KT281740006	**M6**	**6.4**	**11.5**	95	47	15
KT281740008	**M8**	**8.4**	**15**	111	56	19
KT281740010	**M10**	**10.5**	**19**	127	64	23

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill for machining a countersunk screw hole or for simultaneous drilling and chamfering. Fine type.

ExpertCut

KT281740

High Perfomance

+VAP

HSS | Karcan standard | RH

N | α 118° | β 90°

CYL

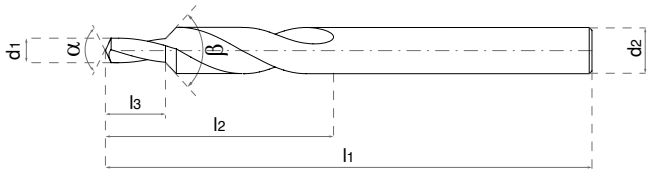
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT281741

High Perfomance



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT281741003	**M3**	**3.4**	**6.6**	70	31	9
KT281741004	**M4**	**4.5**	**9**	84	40	11
KT281741005	**M5**	**5.5**	**11**	95	47	13
KT281741006	**M6**	**6.6**	**13**	102	51	15
KT281741008	**M8**	**9**	**17.2**	123	62	19
KT281741010	**M10**	**11**	**21.5**	141	70	23

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill for machining a countersunk screw hole or for simultaneous drilling and chamfering. Middle type.

+VAP

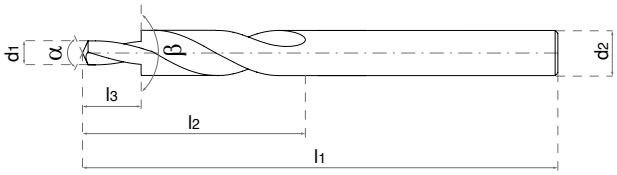
HSS | Karcan standard | RH

N | α 118° | β 90°

CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT281760003	**M3**	**3.4**	**6**	66	28	9
KT281760004	**M4**	**4.5**	**8**	79	37	11
KT281760005	**M5**	**5.5**	**10**	89	43	13
KT281760006	**M6**	**6.6**	**11**	95	47	15
KT281760008	**M8**	**9**	**15**	111	56	19
KT281760010	**M10**	**11**	**19**	127	64	23

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for machining screw holes and countersinking.

ExpertCut

KT281760

High Perfomance

+VAP

HSS | Karcan standard | RH

N | α 118° | β 180°

CYL

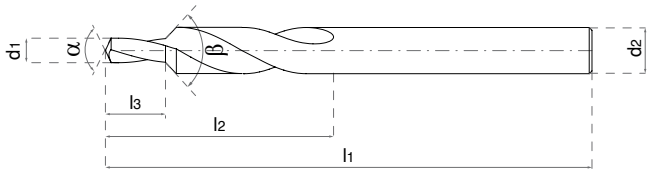
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT281780

High Perfomance



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT281780003	**M3**	**2.5**	**3.4**	52	20	8.8
KT281780004	**M4**	**3.3**	**4.5**	58	24	11.4
KT281780005	**M5**	**4.2**	**5.5**	66	28	13.6
KT281780006	**M6**	**5**	**6.6**	70	31	16.5
KT281780008	**M8**	**6.8**	**9**	84	40	21
KT281780010	**M10**	**8.5**	**11**	95	47	25.5
KT281780012	**M12**	**10.2**	**13.5**	107	54	30

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for simultaneous thread drilling and chamfering.

+VAP

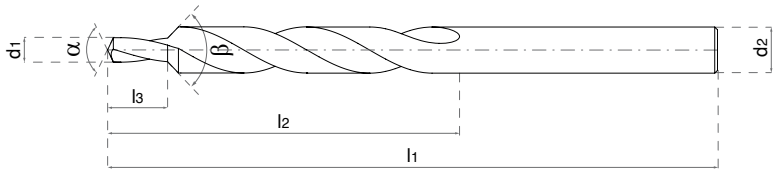
HSS | Karcan standard | RH

N | α 118° | β 90°

CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT283740003	**M3**	**3.2**	**6**	93	57	9
KT283740004	**M4**	**4.3**	**8**	117	75	11
KT283740005	**M5**	**5.3**	**10**	133	87	13
KT283740006	**M6**	**6.4**	**11.5**	142	94	15
KT283740008	**M8**	**8.4**	**15**	169	114	19
KT283740010	**M10**	**10.5**	**19**	198	135	23

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for machining countersunk screw holes. Fine type.

ExpertCut

KT283740

High Perfomance

+VAP

HSS | DIN 8374 | RH

N | α 118° | β 90°

CYL

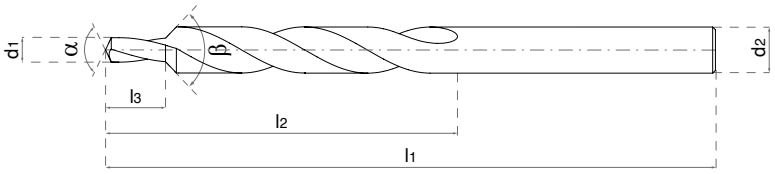
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT283741

High Perfomance



Code / VAP coating	For thread	d1	d2	l1	l2	l3
KT283741003	**M3**	**3.4**	**6.6**	101	63	9
KT283741004	**M4**	**4.5**	**9**	125	81	11
KT283741005	**M5**	**5.5**	**11**	142	94	13
KT283741006	**M6**	**6.6**	**13**	151	101	15
KT283741008	**M8**	**9**	**17.2**	191	130	19

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for machining countersunk screw holes. Middle type.

+VAP

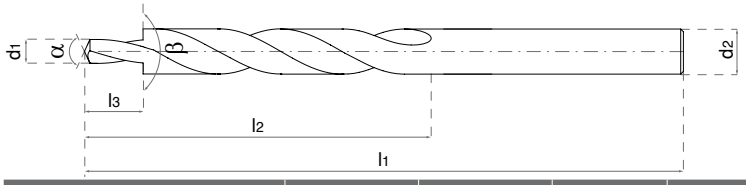
HSS | DIN 8374 | RH

N | α 118° | β 90°

CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	l1	l2	l3
KT283760003	**M3**	**3.4**	**6**	93	57	9
KT283760004	**M4**	**4.5**	**8**	101	63	11
KT283760005	**M5**	**5.5**	**10**	133	87	13
KT283760006	**M6**	**6.6**	**11**	142	94	15
KT283760008	**M8**	**9**	**15**	169	114	19
KT283760010	**M10**	**11**	**19**	191	130	23

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for machining screw holes and countersinking.

ExpertCut

KT283760

High Perfomance

+VAP

HSS | DIN 8376 | RH

N | α 118° | β 180°

CYL

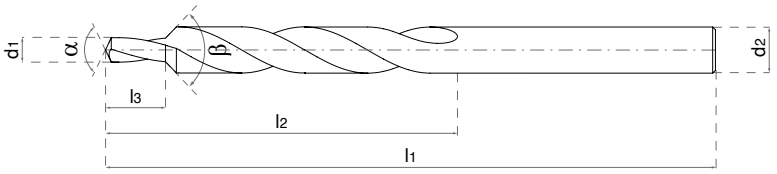
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT283780

High Perfomance



Code / VAP coating	For thread	d1	d2	l1	l2	l3
KT283780003	**M3**	**2.5**	**3.4**	70	39	8.8
KT283780004	**M4**	**3.3**	**4.5**	80	47	11.4
KT283780005	**M5**	**4.2**	**5.5**	93	57	13.6
KT283780006	**M6**	**5**	**6.6**	101	63	16.5
KT283780008	**M8**	**6.8**	**9**	125	81	21
KT283780010	**M10**	**8.5**	**11**	142	94	25.5
KT283780012	**M12**	**10.2**	**13.5**	160	108	30

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for simultaneous thread drilling and countersinking.

+VAP

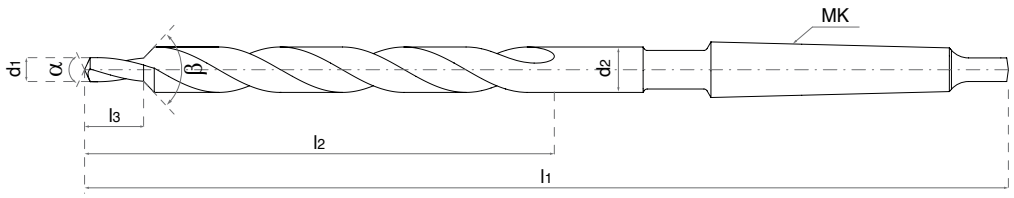
HSS | DIN 8378 | RH

N | α 118° | β 90°

CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	MK	l1	l2	l3
KT283750005	**M5**	**5.5**	**11**	1	175	94	13
KT283750006	**M6**	**6.6**	**13**	1	182	101	15
KT283750008	**M8**	**9**	**17.2**	2	228	130	19
KT283750010	**M10**	**11**	**21.5**	2	248	150	23
KT283750012	**M12**	**14**	**26**	3	286	165	27
KT283750014	**M14**	**16**	**29**	3	296	175	31

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill for machining a countersunk screw hole or for simultaneous drilling and chamfering.

ExpertCut

KT283750

High Perfomance

+VAP

HSS | DIN 8375 | RH

N | α 118° | β 90°

MK

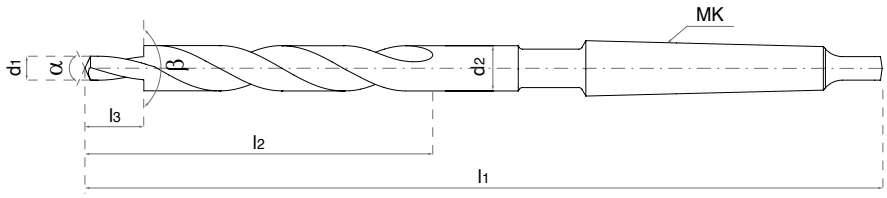
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT283770

High Perfomance



Code VAP coating	For thread	d1	d2	MK	l1	l2	l3
KT283770005	**M5**	**5.5**	**10**	1	168	87	13
KT283770006	**M6**	**6.6**	**11**	1	175	94	15
KT283770008	**M8**	**9**	**15**	2	212	114	19
KT283770010	**M10**	**11**	**18**	2	228	130	23
KT283770012	**M12**	**13.5**	**20**	2	238	140	27
KT283770014	**M14**	**15.5**	**24**	3	281	160	31
KT283770016	**M16**	**17.5**	**26**	3	286	165	35
KT283770018	**M18**	**20**	**30**	3	296	175	39
KT283770020	**M20**	**22**	**33**	4	334	185	43

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for machining screw holes and countersinking.

+VAP

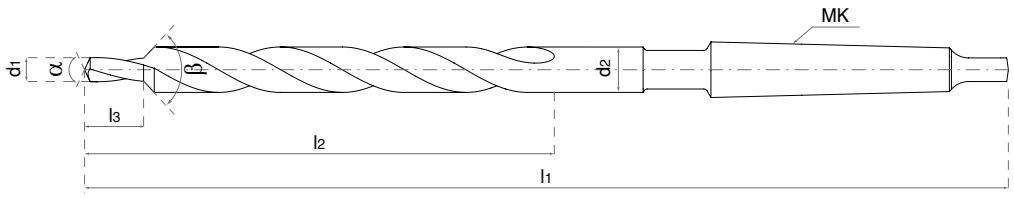
HSS | DIN 8377 | RH

N | α 118° | β 180°

MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	For thread	d1	d2	MK	l1	l2	l3
KT283790008	**M8**	**6.8**	**9**	1	162	81	21
KT283790010	**M10**	**8.5**	**11**	1	175	94	25.5
KT283790012	**M12**	**10.2**	**13.5**	1	189	108	30
KT283790014	**M14**	**12**	**15.5**	2	218	120	34.5
KT283790016	**M16**	**14**	**17.5**	2	228	130	38.5
KT283790018	**M18**	**15.5**	**20**	2	238	140	43.5
KT283790020	**M20**	**17.5**	**22**	2	248	150	47.5

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Step drill bit for simultaneous thread drilling and countersinking.

ExpertCut

KT283790

High Perfomance

+VAP

HSS | DIN 8379 | RH

N | α 118° | β 90°

MK

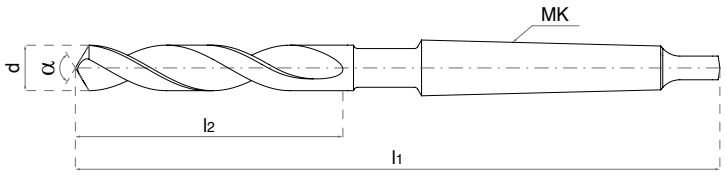
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23450

High Perfomance



Code VAP coating	d	MK	l1	l2
KT234500500	5	1	133	52
KT234500550	5.5	1	138	57
KT234500600	6	1	138	57
KT234500650	6.5	1	144	63
KT234500700	7	1	150	69
KT234500750	7.5	1	150	69
KT234500800	8	1	156	75
KT234500850	8.5	1	156	75
KT234500900	9	1	162	81
KT234500950	9.5	1	162	81
KT234501000	10	1	168	87
KT234501020	10.2	1	168	87
KT234501025	10.25	1	168	87
KT234501050	10.5	1	168	87
KT234501075	10.75	1	175	94
KT234501100	11	1	175	94
KT234501125	11.25	1	175	94
KT234501150	11.5	1	175	94
KT234501175	11.75	1	175	94
KT234501200	12	1	182	101
KT234501225	12.25	1	182	101
KT234501250	12.5	1	182	101
KT234501275	12.75	1	182	101
KT234501300	13	1	182	101
KT234501325	13.25	1	189	108
KT234501350	13.5	1	189	108
KT234501375	13.75	1	189	108
KT234501400	14	1	189	108
KT234501425	14.25	2	212	114
KT234501450	14.5	2	212	114
KT234501475	14.75	2	212	114
KT234501500	15	2	212	114
KT234501525	15.25	2	218	120
KT234501550	15.5	2	218	120
KT234501575	15.75	2	218	120
KT234501600	16	2	218	120
KT234501625	16.25	2	223	125
KT234501650	16.5	2	223	125
KT234501675	16.75	2	223	125
KT234501700	17	2	223	125
KT234501725	17.25	2	228	130
KT234501750	17.5	2	228	130
KT234501775	17.75	2	228	130
KT234501800	18	2	228	130
KT234501825	18.25	2	233	135
KT234501850	18.5	2	233	135
KT234501875	18.75	2	233	135
KT234501900	19	2	233	135

Code VAP coating	d	MK	l1	l2
KT234501925	19.25	2	238	140
KT234501950	19.5	2	238	140
KT234501975	19.75	2	238	140
KT234502000	20	2	238	140
KT234502025	20.25	2	243	145
KT234502050	20.5	2	243	145
KT234502075	20.75	2	243	145
KT234502100	21	2	243	145
KT234502125	21.25	2	248	150
KT234502150	21.5	2	248	150
KT234502175	21.75	2	248	150
KT234502200	22	2	248	150
KT234502225	22.25	2	248	150
KT234502250	22.5	2	253	155
KT234502275	22.75	2	253	155
KT234502300	23	2	253	155
KT234502325	23.25	3	276	155
KT234502350	23.5	3	276	155
KT234502375	23.75	3	281	160
KT234502400	24	3	281	160
KT234502425	24.25	3	281	160
KT234502450	24.5	3	281	160
KT234502475	24.75	3	281	160
KT234502500	25	3	281	160
KT234502525	25.25	3	281	160
KT234502550	25.5	3	286	165
KT234502575	25.75	3	286	165
KT234502600	26	3	286	165
KT234502625	26.25	3	286	165
KT234502650	26.5	3	286	165
KT234502675	26.75	3	291	170
KT234502700	27	3	291	170
KT234502725	27.25	3	291	170
KT234502750	27.5	3	291	170
KT234502775	27.75	3	291	170
KT234502800	28	3	291	170
KT234502825	28.25	3	296	175
KT234502850	28.5	3	296	175
KT234502875	28.75	3	296	175
KT234502900	29	3	296	175
KT234502925	29.25	3	296	175
KT234502950	29.5	3	296	175
KT234502975	29.75	3	296	175
KT234503000	30	3	296	175
KT234503025	30.25	3	301	180
KT234503050	30.5	3	301	180
KT234503075	30.75	3	301	180
KT234503100	31	3	301	180

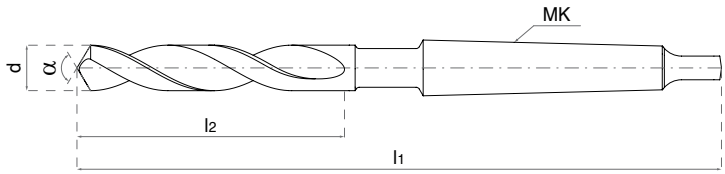
+VAP

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 345 | RH | N | α 118° | MK



KT23450

Code VAP coating	d	MK	l1	l2
KT234503125	31.25	3	301	180
KT234503150	31.5	3	301	180
KT234503175	31.75	3	334	185
KT234503200	32	4	334	185
KT234503250	32.5	4	334	185
KT234503300	33	4	334	185
KT234503350	33.5	4	334	185
KT234503400	34	4	339	190
KT234503450	34.5	4	339	190
KT234503500	35	4	339	190
KT234503550	35.5	4	339	190
KT234503600	36	4	344	195
KT234503650	36.5	4	344	195
KT234503700	37	4	344	195
KT234503750	37.5	4	344	195
KT234503800	38	4	349	200
KT234503850	38.5	4	349	200
KT234503900	39	4	349	200
KT234503950	39.5	4	349	200
KT234504000	40	4	349	200
KT234504050	40.5	4	354	205
KT234504100	41	4	354	205
KT234504150	41.5	4	354	205
KT234504200	42	4	354	205
KT234504250	42.5	4	354	205
KT234504300	43	4	359	210
KT234504350	43.5	4	359	210
KT234504400	44	4	359	210
KT234504450	44.5	4	359	210
KT234504500	45	4	359	210
KT234504550	45.5	4	364	215
KT234504600	46	4	364	215
KT234504650	46.5	4	364	215
KT234504700	47	4	364	215
KT234504750	47.5	4	364	215
KT234504800	48	4	369	220
KT234504850	48.5	4	369	220
KT234504900	49	4	369	220
KT234504950	49.5	4	369	220
KT234505000	50	4	369	220
KT234505050	50.5	4	374	225

Code VAP coating	d	MK	l1	l2
KT234505100	51	5	412	225
KT234505150	51.5	5	412	225
KT234505200	52	5	412	225
KT234505250	52.5	5	412	225
KT234505300	53	5	412	225
KT234505350	53.5	5	417	230
KT234505400	54	5	417	230
KT234505450	54.5	5	417	230
KT234505500	55	5	417	230
KT234505550	55.5	5	417	230
KT234505600	56	5	417	230
KT234505650	56.5	5	422	235
KT234505700	57	5	422	235
KT234505750	57.5	5	422	235
KT234505800	58	5	422	235
KT234505850	58.5	5	422	235
KT234505900	59	5	422	235
KT234505950	59.5	5	422	235
KT234506000	60	5	422	235
KT234506100	61	5	427	240
KT234506200	62	5	427	240
KT234506300	63	5	427	240
KT234506400	64	5	432	245
KT234506500	65	5	432	245
KT234506600	66	5	432	245
KT234506700	67	5	432	245
KT234506800	68	5	437	250
KT234506900	69	5	437	250
KT234507000	70	5	437	250
KT234507100	71	5	437	250
KT234507200	72	5	442	255
KT234507300	73	5	442	255
KT234507400	74	5	442	255
KT234507500	75	5	442	255
KT234507600	76	5	447	260
KT234508000	80	6	514	260
KT234508500	85	6	519	265
KT234509000	90	6	524	270
KT234509500	95	6	529	275
KT234509999	100	6	534	280

Packaging and minimum order

D	Quantity
all dimensions	1 pc

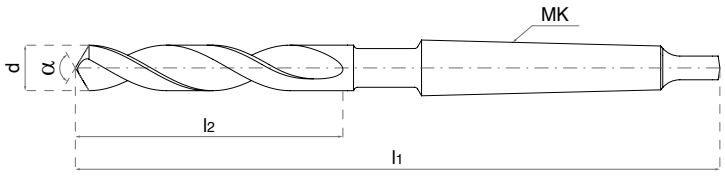
Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.

ExpertCut

KT23457

High Perfomance



Code TiN coating	d	MK	l1	l2
KT234571000	10	1	168	87
KT234571050	10.5	1	168	87
KT234571100	11	1	175	94
KT234571150	11.5	1	175	94
KT234571200	12	1	182	101
KT234571250	12.5	1	182	101
KT234571300	13	1	182	101
KT234571350	13.5	1	189	108
KT234571400	14	1	189	108
KT234571450	14.5	2	212	114
KT234571500	15	2	212	114
KT234571550	15.5	2	218	120
KT234571600	16	2	218	120
KT234571650	16.5	2	223	125
KT234571700	17	2	223	125
KT234571750	17.5	2	228	130
KT234571800	18	2	228	130
KT234571850	18.5	2	233	135
KT234571900	19	2	233	135
KT234571950	19.5	2	238	140
KT234572000	20	2	238	140

Code TiN coating	d	MK	l1	l2
KT234572050	20.5	2	243	145
KT234572100	21	2	243	145
KT234572150	21.5	2	248	150
KT234572200	22	2	248	150
KT234572250	22.5	2	253	155
KT234572300	23	2	253	155
KT234572350	23.5	3	276	155
KT234572400	24	3	281	160
KT234572450	24.5	3	281	160
KT234572500	25	3	281	160
KT234572550	25.5	3	286	165
KT234572600	26	3	286	165
KT234572650	26.5	3	286	165
KT234572700	27	3	291	170
KT234572750	27.5	3	291	170
KT234572800	28	3	291	170
KT234572850	28.5	3	296	175
KT234572900	29	3	296	175
KT234572950	29.5	3	296	175
KT234573000	30	3	296	175

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

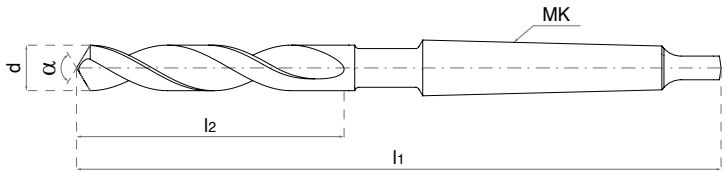
Standard drill with TiN coating for drilling steels and cast irons, alloyed and unalloyed materials, graphite.

+TiN

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	MK	l1	l2
KT234551000	10	1	168	87
KT234551020	10.2	1	168	87
KT234551050	10.5	1	168	87
KT234551100	11	1	175	94
KT234551150	11.5	1	175	94
KT234551200	12	1	182	101
KT234551250	12.5	1	182	101
KT234551300	13	1	182	101
KT234551350	13.5	1	189	108
KT234551400	14	1	189	108
KT234551450	14.5	2	212	114
KT234551500	15	2	212	114
KT234551550	15.5	2	218	120
KT234551600	16	2	218	120
KT234551650	16.5	2	223	125
KT234551700	17	2	223	125
KT234551750	17.5	2	228	130
KT234551800	18	2	228	130
KT234551850	18.5	2	233	135
KT234551900	19	2	233	135
KT234551950	19.5	2	238	140
KT234552000	20	2	238	140
KT234552050	20.5	2	243	145
KT234552100	21	2	243	145
KT234552150	21.5	2	248	150
KT234552200	22	2	248	150
KT234552250	22.5	2	253	155
KT234552300	23	2	253	155
KT234552350	23.5	3	276	155
KT234552400	24	3	281	160

Code No coating	d	MK	l1	l2
KT234552450	24.5	3	281	160
KT234552500	25	3	281	160
KT234552550	25.5	3	286	165
KT234552600	26	3	286	165
KT234552650	26.5	3	286	165
KT234552700	27	3	291	170
KT234552750	27.5	3	291	170
KT234552800	28	3	291	170
KT234552850	28.5	3	296	175
KT234552900	29	3	296	175
KT234552950	29.5	3	296	175
KT234553000	30	3	296	175
KT234553050	30.5	3	301	180
KT234553100	31	3	301	180
KT234553150	31.5	3	301	180
KT234553200	32	4	334	185
KT234553250	32.5	4	334	185
KT234553300	33	4	334	185
KT234553400	34	4	339	190
KT234553500	35	4	339	190
KT234553600	36	4	344	195
KT234553700	37	4	344	195
KT234553800	38	4	349	200
KT234553900	39	4	349	200
KT234554000	40	4	349	200
KT234554500	45	4	359	210
KT234555000	50	4	369	220
KT234555500	55	5	417	230
KT234556000	60	5	422	235

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials.

ExpertCut

KT23455

High Perfomance

+Blank

HSS-Co5	DIN 345	RH
N	α 118°	MK

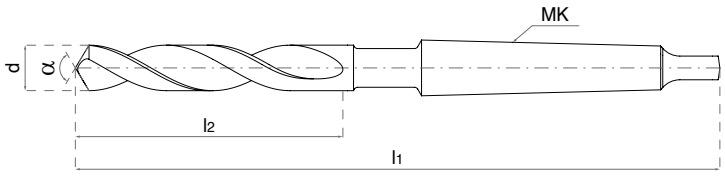
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT23458

High Perfomance



Code VAP coating	d	MK	l1	l2
KT234581000	10	2	154	56
KT234581050	10.5	2	154	56
KT234581100	11	2	154	56
KT234581150	11.5	2	159	61
KT234581200	12	2	164	66
KT234581250	12.5	2	164	66
KT234581300	13	2	164	66
KT234581350	13.5	2	168	70
KT234581400	14	2	168	70
KT234581450	14.5	2	171	73
KT234581500	15	2	171	73
KT234581550	15.5	2	175	77
KT234581600	16	2	175	77
KT234581650	16.5	2	178	80
KT234581700	17	2	178	80
KT234581750	17.5	2	182	84
KT234581800	18	2	182	84
KT234581850	18.5	3	203	86
KT234581900	19	3	203	86
KT234581950	19.5	3	207	90
KT234582000	20	3	207	90

Code VAP coating	d	MK	l1	l2
KT234582100	21	3	210	93
KT234582200	22	3	213	96
KT234582300	23	3	217	100
KT234582400	24	3	219	102
KT234582500	25	3	219	102
KT234582600	26	3	222	105
KT234582700	27	4	265	120
KT234582800	28	4	265	120
KT234582900	29	4	265	120
KT234583000	30	4	265	120
KT234583100	31	4	265	120
KT234583200	32	4	265	120
KT234583300	33	4	265	120
KT234583400	34	4	265	120
KT234583500	35	4	265	120
KT234583600	36	4	265	120
KT234583700	37	4	265	120
KT234583800	38	4	265	120
KT234583900	39	4	265	120
KT234584000	40	4	265	120

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

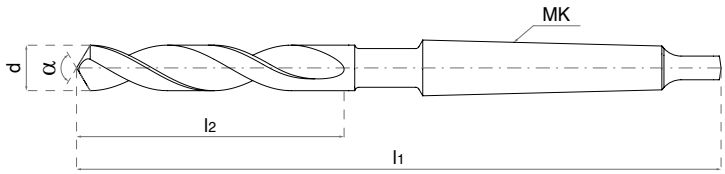
For drilling hard-to-machine materials such as HARDOX 350 and 400 and manganese hard steel.

+VAP

HSS-Co8	Karcan standard	RH
H	α 130°	MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	●
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	d	MK	l1	l2
KT234101000	10	1	197	116
KT234101025	10.25	1	197	116
KT234101050	10.5	1	197	116
KT234101100	11	1	206	125
KT234101125	11.25	1	206	125
KT234101150	11.5	1	206	125
KT234101200	12	1	215	134
KT234101225	12.25	1	215	134
KT234101250	12.5	1	215	134
KT234101300	13	1	215	134
KT234101350	13.5	1	223	142
KT234101400	14	1	223	142
KT234101450	14.5	2	245	147
KT234101500	15	2	245	147
KT234101550	15.5	2	251	153
KT234101600	16	2	251	153
KT234101650	16.5	2	257	159
KT234101675	16.75	2	257	159
KT234101700	17	2	257	159
KT234101725	17.25	2	263	165
KT234101750	17.5	2	263	165
KT234101800	18	2	263	165
KT234101825	18.25	2	269	171
KT234101850	18.5	2	269	171
KT234101875	18.75	2	269	171
KT234101900	19	2	269	171
KT234101925	19.25	2	275	177
KT234101950	19.5	2	275	177
KT234102000	20	2	275	177
KT234102050	20.5	2	282	184
KT234102100	21	2	282	184
KT234102150	21.5	2	289	191
KT234102200	22	2	289	191
KT234102250	22.5	2	296	198
KT234102300	23	2	296	198
KT234102350	23.5	3	319	198
KT234102400	24	3	327	206
KT234102450	24.5	3	327	206
KT234102500	25	3	327	206
KT234102550	25.5	3	335	214
KT234102600	26	3	335	214

Code VAP coating	d	MK	l1	l2
KT234102650	26.5	3	335	214
KT234102700	27	3	343	222
KT234102750	27.5	3	343	222
KT234102800	28	3	343	222
KT234102850	28.5	3	351	230
KT234102900	29	3	351	230
KT234102950	29.5	3	351	230
KT234103000	30	3	351	230
KT234103050	30.5	3	360	239
KT234103100	31	3	360	239
KT234103150	31.5	3	360	239
KT234103200	32	4	397	248
KT234103250	32.5	4	397	248
KT234103300	33	4	397	248
KT234103350	33.5	4	397	248
KT234103400	34	4	397	248
KT234103450	34.5	4	406	257
KT234103500	35	4	406	257
KT234103550	35.5	4	406	257
KT234103600	36	4	416	267
KT234103650	36.5	4	416	267
KT234103700	37	4	416	267
KT234103750	37.5	4	426	277
KT234103800	38	4	426	277
KT234103850	38.5	4	426	277
KT234103900	39	4	426	277
KT234103950	39.5	4	426	277
KT234104000	40	4	426	277
KT234104050	40.5	4	436	287
KT234104100	41	4	436	287
KT234104150	41.5	4	436	287
KT234104200	42	4	436	287
KT234104250	42.5	4	436	287
KT234104300	43	4	447	298
KT234104400	44	4	447	298
KT234104500	45	4	447	298
KT234104600	46	4	459	310
KT234104700	47	4	459	310
KT234104800	48	4	470	321
KT234104900	49	4	470	321
KT234105000	50	4	470	321

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Standard long series drill for drilling steels and cast irons, alloyed and unalloyed materials, graphite.

ExpertCut KT23410

High Perfomance

+VAP

HSS	DIN 341	RH
N	α 118°	MK

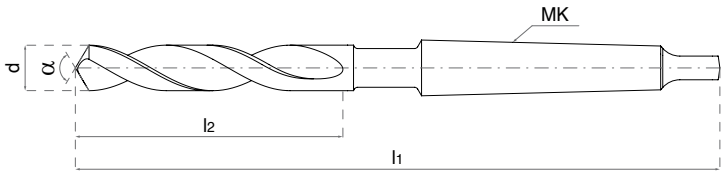
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT21870

High Perfomance



Code VAP coating	d	MK	l1	l2
KT218700800	8	1	265	165
KT218700850	8.5	1	265	165
KT218700900	9	1	275	175
KT218700950	9.5	1	275	175
KT218701000	10	1	285	185
KT218701050	10.5	1	285	185
KT218701100	11	1	300	195
KT218701150	11.5	1	300	195
KT218701200	12	1	310	205
KT218701250	12.5	1	310	205
KT218701300	13	1	310	205
KT218701350	13.5	1	325	220
KT218701400	14	1	325	220
KT218701450	14.5	2	340	220
KT218701500	15	2	340	220
KT218701550	15.5	2	355	230
KT218701600	16	2	355	230
KT218701650	16.5	2	355	230
KT218701700	17	2	355	230
KT218701750	17.5	2	370	245
KT218701800	18	2	370	245
KT218701850	18.5	2	370	245
KT218701900	19	2	370	245
KT218701950	19.5	2	385	260
KT218702000	20	2	385	260
KT218702050	20.5	2	385	260
KT218702100	21	2	385	260
KT218702150	21.5	2	405	270
KT218702200	22	2	405	270
KT218702250	22.5	2	405	270
KT218702300	23	2	405	270
KT218702350	23.5	3	425	270
KT218702400	24	3	440	290

Code VAP coating	d	MK	l1	l2
KT218702450	24.5	3	440	290
KT218702500	25	3	440	290
KT218702550	25.5	3	440	290
KT218702600	26	3	440	290
KT218702650	26.5	3	440	290
KT218702700	27	3	460	305
KT218702750	27.5	3	460	305
KT218702800	28	3	460	305
KT218702850	28.5	3	460	305
KT218702900	29	3	460	305
KT218702950	29.5	3	460	305
KT218703000	30	3	460	305
KT218703100	31	3	480	320
KT218703200	32	4	505	320
KT218703300	33	4	505	320
KT218703400	34	4	530	340
KT218703500	35	4	530	340
KT218703600	36	4	530	340
KT218703700	37	4	530	340
KT218703800	38	4	555	360
KT218703900	39	4	555	360
KT218704000	40	4	555	360
KT218704100	41	4	555	360
KT218704200	42	4	555	360
KT218704300	43	4	585	385
KT218704400	44	4	585	385
KT218704500	45	4	585	385
KT218704600	46	4	585	385
KT218704700	47	4	585	385
KT218704800	48	4	605	405
KT218704900	49	4	605	405
KT218705000	50	4	605	405

+VAP

HSS	DIN 1870	RH
N	α 118°	MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

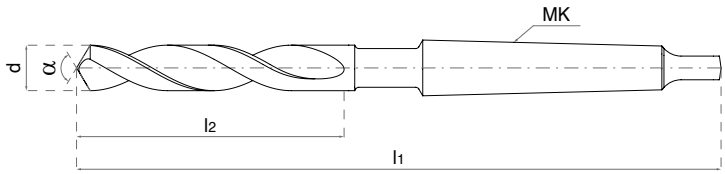
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Extra long series drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite. Cutting modes and workpiece clamping must be controlled to avoid vibration. It is important to frequently remove the drill bit to remove chips and to supply plenty of coolant to the cutting area.



Code VAP coating	d	MK	l1	l2
KT228700800	8	1	330	210
KT228700850	8.5	1	330	210
KT228700900	9	1	345	220
KT228700950	9.5	1	345	220
KT228701000	10	1	360	235
KT228701050	10.5	1	360	235
KT228701100	11	1	375	250
KT228701150	11.5	1	375	250
KT228701200	12	1	395	260
KT228701250	12.5	1	395	260
KT228701300	13	1	395	260
KT228701350	13.5	1	410	275
KT228701400	14	1	410	275
KT228701450	14.5	2	425	275
KT228701500	15	2	425	275
KT228701550	15.5	2	445	295
KT228701600	16	2	445	295
KT228701650	16.5	2	445	295
KT228701700	17	2	445	295
KT228701750	17.5	2	465	310
KT228701800	18	2	465	310
KT228701850	18.5	2	465	310
KT228701900	19	2	465	310
KT228701950	19.5	2	490	325
KT228702000	20	2	490	325
KT228702050	20.5	2	490	325
KT228702100	21	2	490	325
KT228702150	21.5	2	515	345
KT228702200	22	2	515	345
KT228702250	22.5	2	515	345
KT228702300	23	2	515	345
KT228702350	23.5	3	535	345
KT228702400	24	3	555	365

Code VAP coating	d	MK	l1	l2
KT228702450	24.5	3	555	365
KT228702500	25	3	555	365
KT228702550	25.5	3	555	365
KT228702600	26	3	555	365
KT228702650	26.5	3	555	365
KT228702700	27	3	580	385
KT228702750	27.5	3	580	385
KT228702800	28	3	580	385
KT228702850	28.5	3	580	385
KT228702900	29	3	580	385
KT228702950	29.5	3	580	385
KT228703000	30	3	580	385
KT228703100	31	3	610	410
KT228703200	32	4	635	410
KT228703300	33	4	635	410
KT228703400	34	4	665	430
KT228703500	35	4	665	430
KT228703600	36	4	665	430
KT228703700	37	4	665	430
KT228703800	38	4	695	460
KT228703900	39	4	695	460
KT228704000	40	4	695	460
KT228704100	41	4	695	460
KT228704200	42	4	695	460
KT228704300	43	4	735	490
KT228704400	44	4	735	490
KT228704500	45	4	735	490
KT228704600	46	4	735	490
KT228704700	47	4	735	490
KT228704800	48	4	765	510
KT228704900	49	4	765	510
KT228705000	50	4	765	510

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Extra long series drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite. Cutting modes and workpiece clamping must be controlled to avoid vibration. It is important to frequently remove the drill bit to remove chips and to supply plenty of coolant to the cutting area.

High Perfomance

+VAP

HSS	DIN 1870	RH
N	α 118°	MK

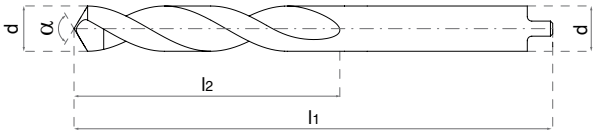
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT28037

High Perfomance



Code No coating	d	l1	l2
KT280370200	2*	46	17
KT280370250	2.5	46	17
KT280370300	3	50	20
KT280370310	3.1	56	25
KT280370320	3.2	56	25
KT280370330	3.3	56	25
KT280370340	3.4	56	25
KT280370350	3.5	56	25
KT280370360	3.6	56	25
KT280370370	3.7	56	25
KT280370380	3.8	56	25
KT280370390	3.9	56	25
KT280370400	4	56	25
KT280370410	4.1	63	28
KT280370420	4.2	63	28
KT280370430	4.3	63	28
KT280370440	4.4	63	28
KT280370450	4.5	63	28
KT280370460	4.6	63	28
KT280370470	4.7	63	28
KT280370480	4.8	63	28
KT280370490	4.9	63	28
KT280370500	5	63	28
KT280370510	5.1	71	32
KT280370520	5.2	71	32
KT280370530	5.3	71	32
KT280370540	5.4	71	32
KT280370550	5.5	71	32
KT280370560	5.6	71	32
KT280370570	5.7	71	32
KT280370580	5.8	71	32
KT280370590	5.9	71	32
KT280370600	6	71	32
KT280370610	6.1	71	32
KT280370620	6.2	71	32
KT280370630	6.3	71	32
KT280370640	6.4	71	32
KT280370650	6.5	71	32
KT280370660	6.6	80	40
KT280370670	6.7	80	40
KT280370680	6.8	80	40
KT280370690	6.9	80	40
KT280370700	7	80	40
KT280370710	7.1	80	40
KT280370720	7.2	80	40
KT280370730	7.3	80	40
KT280370740	7.4	80	40

Code No coating	d	l1	l2
KT280370750	7.5	80	40
KT280370760	7.6	80	40
KT280370770	7.7	80	40
KT280370780	7.8	80	40
KT280370790	7.9	80	40
KT280370800	8	80	40
KT280370810	8.1	90	50
KT280370820	8.2	90	50
KT280370830	8.3	90	50
KT280370840	8.4	90	50
KT280370850	8.5	90	50
KT280370860	8.6	90	50
KT280370870	8.7	90	50
KT280370880	8.8	90	50
KT280370890	8.9	90	50
KT280370900	9	90	50
KT280370910	9.1	90	50
KT280370920	9.2	90	50
KT280370930	9.3	90	50
KT280370940	9.4	90	50
KT280370950	9.5	90	50
KT280370960	9.6	100	56
KT280370970	9.7	100	56
KT280370980	9.8	100	56
KT280370990	9.9	100	56
KT280371000	10	100	56
KT280371020	10.2	100	56
KT280371050	10.5	100	56
KT280371100	11	100	56
KT280371150	11.5	112	63
KT280371200	12	112	63
KT280371250	12.5	112	63
KT280371300	13	112	63
KT280371350	13.5	125	71
KT280371400	14	125	71
KT280371450	14.5	125	71
KT280371500	15	125	71
KT280371550	15.5	140	80
KT280371600	16	140	80
KT280371650	16.5	140	80
KT280371700	17	140	80
KT280371750	17.5	160	90
KT280371800	18	160	90
KT280371850	18.5	160	90
KT280371900	19	160	90
KT280371950	19.5	160	90
KT280372000	20	160	90

* solid carbide tool

+Blank

Carbide tipped | DIN 8037 | RH

α 118° | CYL+ straight shank

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

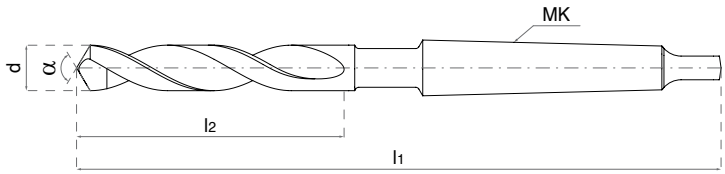
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Drill with carbide cutting edge. Designed for drilling steel, hard cast iron, over 300 Brinell, pure molybdenum, hard bronze and other materials with similar properties.



Code No coating	d	MK	l1	l2
KT280410800	8	1	135	45
KT280410850	8.5	1	135	45
KT280410900	9	1	135	45
KT280411000	10	1	140	50
KT280411020	10.2	1	140	50
KT280411050	10.5	1	140	50
KT280411100	11	1	140	50
KT280411150	11.5	1	146	56
KT280411200	12	1	146	56
KT280411250	12.5	1	146	56
KT280411300	13	1	146	56
KT280411350	13.5	2	168	63
KT280411400	14	2	168	63
KT280411450	14.5	2	168	63
KT280411500	15	2	168	63
KT280411550	15.5	2	175	70
KT280411600	16	2	175	70
KT280411650	16.5	2	175	70

Code No coating	d	MK	l1	l2
KT280411700	17	2	175	70
KT280411800	18	2	185	80
KT280411850	18.5	2	185	80
KT280411900	19	2	185	80
KT280411950	19.5	3	215	90
KT280412000	20	3	215	90
KT280412100	21	3	215	90
KT280412200	22	3	215	90
KT280412300	23	3	225	100
KT280412400	24	3	225	100
KT280412500	25	3	225	100
KT280412600	26	4	260	110
KT280412700	27	4	260	110
KT280412800	28	4	260	110
KT280412900	29	4	275	125
KT280413000	30	4	275	125
KT280413100	31	4	275	125
KT280413200	32	4	275	125

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Drill with carbide cutting edge. Designed for drilling steel, hard cast iron, over 300 Brinell, pure molybdenum, hard bronze and other materials with similar properties, as well as fiberglass-reinforced synthetic materials such as printed circuit boards and other heat-strengthened resin-based products that can cause rapid wear on HSS drills.

High Perfomance

+Blank

Carbide tipped | DIN 8041 | RH | α 118° | MK

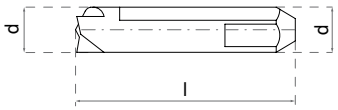
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT29892

High Perfomance



Code TiAlN coating	d	l
KT298920800	8	40

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Drill for drilling out spot welds. Standard Spotle T 575.

+TiAlN

VHM | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

Code TiAlN coating	d1	d2	l
KT298930800	8	8	44

Code TiAlN coating	d1	d2	l
KT298931000	10	8	44

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Drill for drilling out spot welds. Standard Vario WS 90.

ExpertCut

KT29893

High Perfomance

+TiAlN

VHM | CYL

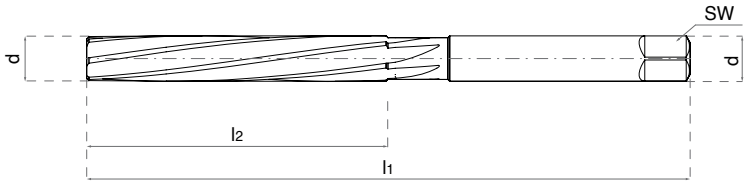
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22060

High Perfomance



Code	d	l1	l2	SW	Z
KT220600200	**2**	50	25	1.6	4
KT220600300	**3**	62	32	2.4	6
KT220600400	**4**	76	38	3	6
KT220600500	**5**	87	44	3.8	6
KT220600600	**6**	93	47	4.9	6
KT220600700	**7**	107	54	5.5	6
KT220600800	**8**	115	58	6.2	6
KT220600900	**9**	124	62	7	6
KT220601000	**10**	133	66	8	6
KT220601200	**12**	152	76	9	6
KT220601400	**14**	163	81	11	8
KT220601600	**16**	175	87	12	8
KT220601800	**18**	188	93	14.5	8
KT220602000	**20**	201	100	16	8
KT220602200	**22**	215	107	18	8
KT220602400	**24**	231	115	18	8
KT220602500	**25**	231	115	20	8
KT220602600	**26**	231	115	20	8
KT220602800	**28**	247	124	22	10
KT220603000	**30**	247	124	24	10

Packaging and minimum order

D	Quantity
all dimensions	1 pc

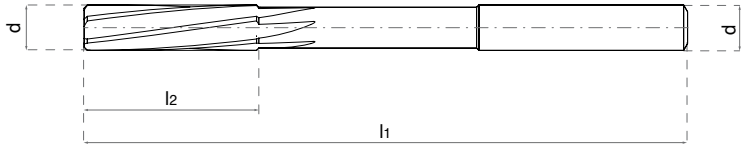
Recommendations for use:

Hand-held reamer for through holes, tolerance field H7.

HSS | DIN 206 | RH | B | CYL+ square

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	d	l1	l2	Z
KT221250200	2	49	11	4
KT221250250	2.5	57	14	4
KT221250300	3	61	15	6
KT221250350	3.5	70	18	6
KT221250400	4	75	19	6
KT221250450	4.5	80	21	6
KT221250500	5	86	23	6
KT221250600	6	93	26	6
KT221250700	7	109	31	6
KT221250800	8	117	33	6
KT221250900	9	125	36	6
KT221251000	10	133	38	6
KT221251100	11	142	41	6
KT221251200	12	151	44	6
KT221251300	13	151	44	6
KT221251400	14	160	47	8
KT221251500	15	162	50	8
KT221251600	16	170	52	8

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Machine reamer for through and blind holes, tolerance field H7.

ExpertCut

KT22125

High Perfomance

HSS-Co5 | DIN 212 | RH

B/D | CYL | H7

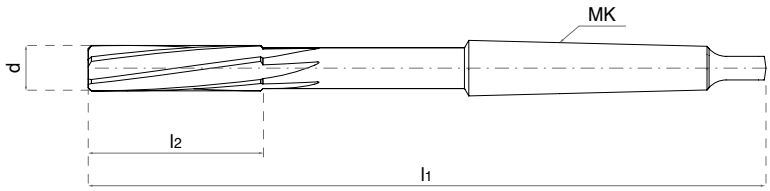
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22085

High Perfomance



Code	d	l1	l2	MK	Z
KT220851000	**10**	168	38	1	6
KT220851200	**12**	182	44	1	6
KT220851400	**14**	189	47	1	8
KT220851600	**16**	210	52	2	8
KT220851800	**18**	219	56	2	8
KT220852000	**20**	228	60	2	8
KT220852200	**22**	237	64	2	8
KT220852400	**24**	268	68	3	8
KT220852500	**25**	268	68	3	8
KT220852600	**26**	273	70	3	8
KT220852800	**28**	277	71	3	10
KT220853000	**30**	281	73	3	10

Packaging and minimum order

D	Quantity
all dimensions	1 pc

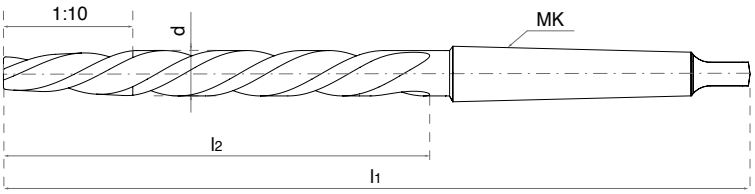
Recommendations for use:

Machine reamer for through and blind holes, tolerance field H7.

HSS-Co5	DIN 208	RH
B	MK	H7

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2	MK
KT231100640	**6.4**	151	75	1
KT231100740	**7.4**	156	80	1
KT231100840	**8.4**	161	85	1
KT231100950	**9.5**	166	90	1
KT231101000	**10**	171	95	1
KT231101100	**11**	176	100	1
KT231101200	**12**	199	105	2
KT231101300	**13**	199	105	2
KT231101400	**14**	209	115	2
KT231101500	**15**	219	125	2
KT231101600	**16**	229	135	2
KT231101700	**17**	251	135	3
KT231101800	**18**	261	145	3
KT231101900	**19**	261	145	3
KT231102000	**20**	271	155	3
KT231102100	**21**	271	155	3
KT231102200	**22**	281	165	3
KT231102300	**23**	281	165	3
KT231102400	**24**	296	180	3
KT231102500	**25**	296	180	3
KT231102600	**26**	296	180	3
KT231102700	**27**	311	195	3
KT231102800	**28**	311	195	3
KT231103000	**30**	311	195	3
KT231103100	**31**	326	210	3
KT231103200	**32**	354	210	4
KT231103300	**33**	354	210	4
KT231103400	**34**	364	220	4
KT231103500	**35**	364	220	4
KT231103700	**37**	364	220	4
KT231104000	**40**	374	230	4

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Bridge reamers for steel structures, tolerance field H11. Mainly used in steel constructions, bridge construction, boiler industry, shipbuilding industry.

ExpertCut

KT23110

High Perfomance

+Blank

HSS | DIN 311 | RH

MK | H7

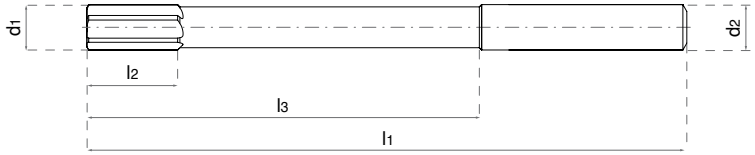
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22126

High Perfomance



spiral groove, design I

Code	d1 h7	l1	l2	la	Z	d2
KT221260500	**5.00**	86	12	50	4	**5.0**
KT221260600	**6.00**	93	12	55	4	**5.6**
KT221260700	**7.00**	109	16	67	4	**7.1**
KT221260800	**8.00**	117	16	73	4	**8.0**
KT221260900	**9.00**	125	19	79	4	**9.0**
KT221261000	**10.00**	133	19	85	6	**10.0**
KT221261100	**11.00**	142	19	94	6	**10.0**
KT221261200	**12.00**	151	19	103	6	**10.0**
KT221261300	**13.00**	151	19	103	6	**10.0**
KT221261400	**14.00**	160	19	108	6	**12.5**
KT221261500	**15.00**	162	19	110	6	**12.5**
KT221261600	**16.00**	170	22	118	6	**12.5**
KT221261700	**17.00**	175	22	121	6	**14.0**
KT221261800	**18.00**	182	22	128	6	**14.0**
KT221261900	**19.00**	189	22	129	6	**16.0**
KT221262000	**20.00**	195	22	135	6	**16.0**

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

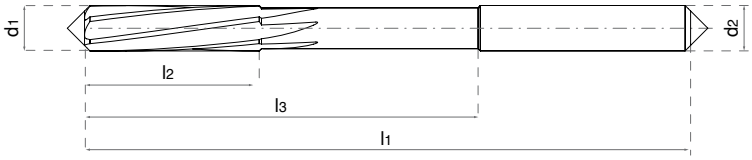
High-quality reamers with brazed carbide inserts.

+Blank | +Ti**

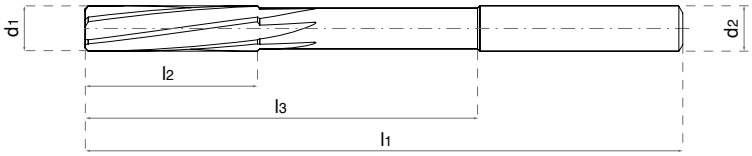
Carbide tipped | DIN 8050 | RH | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



spiral groove, design I



spiral groove, design II

Code	d1 h7	Design	l1	l2	la	Z	d2
KT221290100	1.00	I	34	5.5	13	3	1.0
KT221290110	1.10	I	36	6.5	14	3	1.0
KT221290120	1.20	I	38	7.5	13	3	2.0
KT221290130	1.30	I	38	7.5	13	3	2.0
KT221290140	1.40	I	40	8	15	3	2.0
KT221290150	1.50	I	40	8	15	3	2.0
KT221290160	1.60	I	43	9	17	3	2.0
KT221290170	1.70	I	43	9	17	3	2.0
KT221290180	1.80	I	46	10	20	4	2.0
KT221290190	1.90	I	46	10	20	4	2.0
KT221290200	2.00	I	49	11	22	4	2.0
KT221290210	2.10	I	49	11	22	4	2.0
KT221290220	2.20	I	53	12	21	4	3.0
KT221290230	2.30	I	53	12	21	4	3.0
KT221290240	2.40	I	57	14	26	4	3.0
KT221290250	2.50	I	57	14	26	4	3.0
KT221290260	2.60	I	57	14	26	4	3.0
KT221290270	2.70	I	61	15	30	6	3.0
KT221290280	2.80	I	61	15	30	6	3.0
KT221290290	2.90	I	61	15	30	6	3.0
KT221290300	3.00	I	61	15	30	6	3.0
KT221290310	3.10	I	65	16	33	6	4.0
KT221290320	3.20	I	65	16	33	6	4.0
KT221290330	3.30	I	65	16	33	6	4.0
KT221290340	3.40	I	70	18	39	6	4.0
KT221290350	3.50	I	70	18	39	6	4.0
KT221290360	3.60	I	70	18	39	6	4.0
KT221290370	3.70	I	70	18	39	6	4.0
KT221290380	3.80	II	75	19	46	6	4.0
KT221290390	3.90	II	75	19	46	6	4.0
KT221290400	4.00	II	75	19	46	6	4.0
KT221290410	4.10	II	75	19	46	6	4.0
KT221290420	4.20	II	75	19	46	6	4.0
KT221290430	4.30	II	80	21	51	6	5.0
KT221290440	4.40	II	80	21	51	6	5.0
KT221290450	4.50	II	80	21	51	6	5.0
KT221290460	4.60	II	80	21	51	6	5.0
KT221290470	4.70	II	80	21	51	6	5.0

ExpertCut

KT22129

High Perfomance

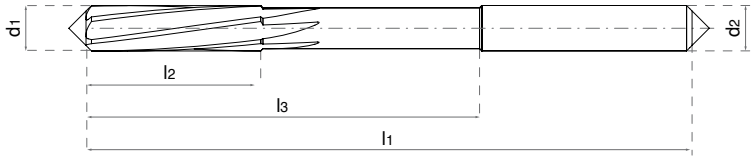
+Blank | +Ti** | HSS-E | DIN 212-3 | RH | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

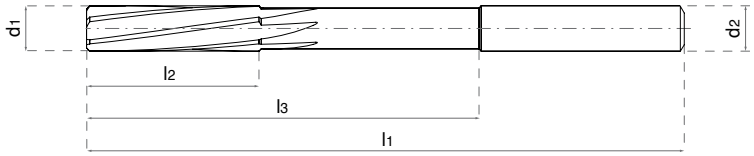
● Recommended ◑ Acceptable ○ Not recommended

HSS-E | DIN 212-3 | RH | CYL

KT22129



spiral groove, design I

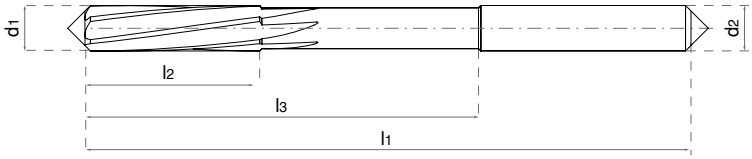


spiral groove, design II

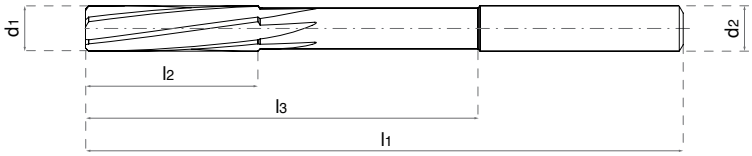
Code	d1 h7	Design	l1	l2	la	Z	d2
KT221290480	4.80	II	86	23	57	6	**5.0**
KT221290490	4.90	II	86	23	57	6	**5.0**
KT221290500	5.00	II	86	23	57	6	**5.0**
KT221290510	5.10	II	86	23	57	6	**5.0**
KT221290520	5.20	II	86	23	57	6	**5.0**
KT221290530	5.30	II	86	23	57	6	**5.0**
KT221290540	5.40	II	93	26	56	6	**6.0**
KT221290550	5.50	II	93	26	56	6	**6.0**
KT221290560	5.60	II	93	26	56	6	**6.0**
KT221290570	5.70	II	93	26	56	6	**6.0**
KT221290580	5.80	II	93	26	56	6	**6.0**
KT221290590	5.90	II	93	26	56	6	**6.0**
KT221290600	6.00	II	93	26	56	6	**6.0**
KT221290610	6.10	II	101	28	64	6	**6.0**
KT221290620	6.20	II	101	28	64	6	**6.0**
KT221290630	6.30	II	101	28	64	6	**6.0**
KT221290640	6.40	II	101	28	64	6	**6.0**
KT221290650	6.50	II	101	28	64	6	**6.0**
KT221290660	6.60	II	101	28	64	6	**6.0**
KT221290670	6.70	II	101	28	64	6	**6.0**
KT221290680	6.80	II	109	31	72	6	**8.0**
KT221290690	6.90	II	109	31	72	6	**8.0**
KT221290700	7.00	II	109	31	72	6	**8.0**
KT221290710	7.10	II	109	31	72	6	**8.0**
KT221290720	7.20	II	109	31	72	6	**8.0**
KT221290730	7.30	II	109	31	72	6	**8.0**
KT221290740	7.40	II	109	31	72	6	**8.0**
KT221290750	7.50	II	109	31	72	6	**8.0**
KT221290760	7.60	II	117	33	80	6	**8.0**
KT221290770	7.70	II	117	33	80	6	**8.0**
KT221290780	7.80	II	117	33	80	6	**8.0**
KT221290790	7.90	II	117	33	80	6	**8.0**
KT221290800	8.00	II	117	33	80	6	**8.0**
KT221290810	8.10	II	117	33	80	6	**8.0**
KT221290820	8.20	II	117	33	80	6	**8.0**
KT221290830	8.30	II	117	33	80	6	**8.0**
KT221290840	8.40	II	117	33	80	6	**8.0**
KT221290850	8.50	II	117	33	80	6	**8.0**
KT221290860	8.60	II	125	36	84	6	**10.0**
KT221290870	8.70	II	125	36	84	6	**10.0**

HSS-E | DIN 212-3 | RH | CYL

KT22129



spiral groove, design I



spiral groove, design II

Code	d1 h7	Design	l1	l2	la	Z	d2
KT221290880	8.80	II	125	36	84	6	**10.0**
KT221290890	8.90	II	125	36	84	6	**10.0**
KT221290900	9.00	II	125	36	84	6	**10.0**
KT221290910	9.10	II	125	36	84	6	**10.0**
KT221290920	9.20	II	125	36	84	6	**10.0**
KT221290930	9.30	II	125	36	84	6	**10.0**
KT221290940	9.40	II	125	36	84	6	**10.0**
KT221290950	9.50	II	125	36	84	6	**10.0**
KT221290960	9.60	II	133	38	92	6	**10.0**
KT221290970	9.70	II	133	38	92	6	**10.0**
KT221290980	9.80	II	133	38	92	6	**10.0**
KT221290990	9.90	II	133	38	92	6	**10.0**
KT221291000	10.00	II	133	38	92	6	**10.0**
KT221291100	11.00	II	142	41	101	6	**10.0**
KT221291200	12.00	II	151	44	110	6	**10.0**
KT221291300	13.00	II	151	44	110	6	**10.0**
KT221291400	14.00	II	160	47	113	8	**14.0**
KT221291500	15.00	II	162	50	115	8	**14.0**
KT221291600	16.00	II	170	52	123	8	**14.0**
KT221291700	17.00	II	175	54	129	8	**14.0**
KT221291800	18.00	II	182	56	136	8	**14.0**
KT221291900	19.00	II	189	58	140	8	**16.0**
KT221292000	20.00	II	195	60	146	8	**16.0**

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal high performance DIN 212-3 HSS-E reamers with H7 tolerance.

ExpertCut

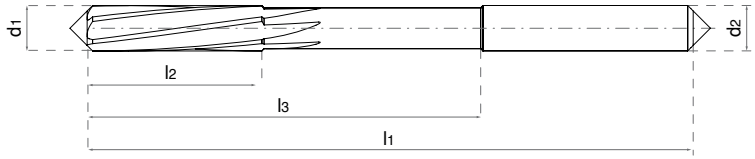
KT22133

High Perfomance

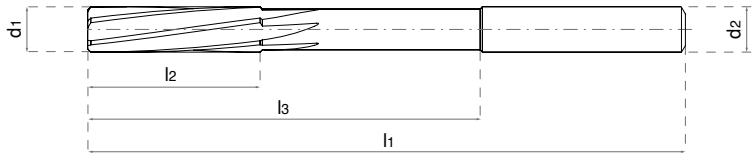
+Blank | +Ti** | HSS-E | DIN 212-3 | RH | Pitch 0.01 | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



spiral groove, design I



spiral groove, design II

Code (from)	Code (up to)	from d1	up to d1	Design	l1	l2	la	Z	d2
KT221330095	KT221330106	0.95	1.06	I	34	5.5	13	3	1.0
KT221330107	KT221330118	1.07	1.18	I	36	6.5	14	3	1.0
KT221330119	KT221330132	1.19	1.32	I	38	7.5	13	3	2.0
KT221330133	KT221330139	1.33	1.39	I	40	8	15	3	2.0
KT221330140	KT221330150	1.40	1.50	I	40	8	15	3	2.0
KT221330151	KT221330159	1.51	1.59	I	43	9	17	3	2.0
KT221330160	KT221330170	1.60	1.70	I	43	9	17	3	2.0
KT221330171	KT221330190	1.71	1.90	I	46	10	20	4	2.0
KT221330191	KT221330199	1.91	1.99	I	49	11	22	4	2.0
KT221330200	KT221330209	2.00	2.09	I	49	11	22	4	2.0
KT221330210	KT221330212	2.10	2.12	I	49	11	22	4	2.0
KT221330213	KT221330236	2.13	2.36	I	53	12	21	4	3.0
KT221330237	KT221330249	2.37	2.49	I	57	14	26	4	3.0
KT221330250	KT221330259	2.50	2.59	I	57	14	26	4	3.0
KT221330260	KT221330265	2.60	2.65	I	57	14	26	4	3.0
KT221330266	KT221330299	2.66	2.99	I	61	15	30	6	3.0
KT221330300	KT221330300	3.00	3.00	I	61	15	30	6	3.0
KT221330301	KT221330309	3.01	3.09	I	65	16	33	6	4.0
KT221330310	KT221330335	3.10	3.35	I	65	16	33	6	4.0
KT221330336	KT221330349	3.36	3.49	I	70	18	39	6	4.0
KT221330350	KT221330359	3.50	3.59	I	70	18	39	6	4.0
KT221330360	KT221330375	3.60	3.75	I	70	18	39	6	4.0
KT221330376	KT221330381	3.76	3.81	II	75	19	46	6	4.0
KT221330382	KT221330420	3.82	4.20	II	75	19	46	6	4.0
KT221330421	KT221330425	4.21	4.25	II	75	19	46	6	4.0
KT221330426	KT221330475	4.26	4.75	II	80	21	51	6	5.0
KT221330476	KT221330509	4.76	5.09	II	86	23	57	6	5.0
KT221330510	KT221330530	5.10	5.30	II	86	23	57	6	5.0
KT221330531	KT221330600	5.31	6.00	II	93	26	56	6	6.0
KT221330601	KT221330611	6.01	6.11	II	101	28	64	6	6.0
KT221330612	KT221330625	6.12	6.25	II	101	28	64	6	6.0
KT221330626	KT221330670	6.26	6.70	II	101	28	64	6	6.0
KT221330671	KT221330750	6.71	7.50	II	109	31	72	6	8.0
KT221330751	KT221330763	7.51	7.63	II	117	33	80	6	8.0
KT221330764	KT221330820	7.64	8.20	II	117	33	80	6	8.0
KT221330821	KT221330850	8.21	8.50	II	117	33	80	6	8.0
KT221330851	KT221330863	8.51	8.63	II	125	36	84	6	10.0
KT221330864	KT221330950	8.64	9.50	II	125	36	84	6	10.0
KT221330951	KT221330963	9.51	9.63	II	133	38	92	6	10.0
KT221330964	KT221331020	9.64	10.20	II	133	38	92	6	10.0
KT221331021	KT221331060	10.21	10.60	II	133	38	92	6	10.0
KT221331061	KT221331069	10.61	10.69	II	142	41	101	6	10.0
KT221331070	KT221331120	10.70	11.20	II	142	41	101	6	10.0
KT221331121	KT221331180	11.21	11.80	II	142	41	101	6	10.0
KT221331181	KT221331200	11.81	12.00	II	151	44	110	6	10.0

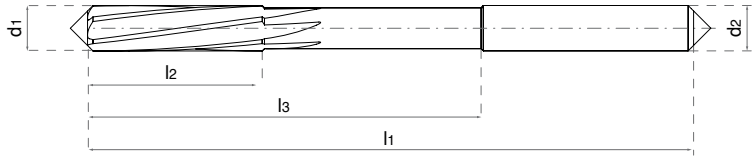
** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

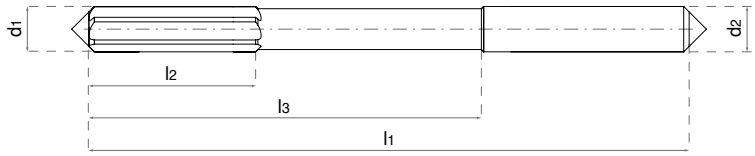
D	Quantity
all dimensions	1 pc

Recommendations for use:

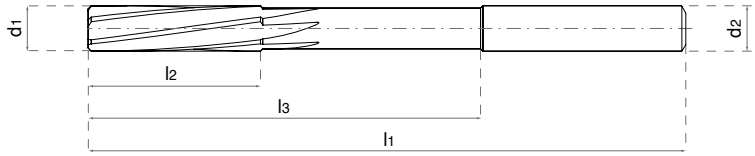
Universal high-performance DIN 212-3 HSS-E reamers in 0.01 mm increments. Cutting diameter tolerance of the reamer +0.005 mm.



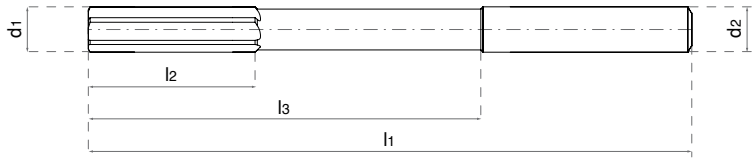
spiral groove, design I



straight groove, design II



spiral groove, design I



straight groove, design II

Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	l3	Z	d2 h9
KT221340100	KT221350100	1.00	I	34	5.5	13	3	1.0
KT221340110	KT221350110	1.10	I	36	6.5	14	3	1.1
KT221340120	KT221350120	1.20	I	38	7.5	15	3	1.2
KT221340130	KT221350130	1.30	I	38	7.5	15	3	1.2
KT221340140	KT221350140	1.40	I	40	8	16	3	1.4
KT221340150	KT221350150	1.50	I	40	8	16	3	1.5
KT221340160	KT221350160	1.60	I	43	9	18	3	1.6
KT221340170	KT221350170	1.70	I	43	9	18	3	1.6
KT221340180	KT221350180	1.80	I	46	10	20	4	1.8
KT221340190	KT221350190	1.90	I	46	10	20	4	1.8
KT221340200	KT221350200	2.00	I	49	11	22	4	2.0
KT221340210	KT221350210	2.10	I	49	11	22	4	2.0
KT221340220	KT221350220	2.20	I	53	12	24	4	2.2
KT221340230	KT221350230	2.30	I	53	12	24	4	2.2
KT221340240	KT221350240	2.40	I	57	14	26	4	2.5
KT221340250	KT221350250	2.50	I	57	14	26	4	2.5
KT221340260	KT221350260	2.60	I	57	14	26	4	2.5
KT221340270	KT221350270	2.70	I	61	15	30	6	2.8
KT221340280	KT221350280	2.80	I	61	15	30	6	2.8
KT221340290	KT221350290	2.90	I	61	15	29	6	3.0
KT221340300	KT221350300	3.00	I	61	15	29	6	3.0
KT221340310	KT221350310	3.10	I	65	16	33	6	3.2
KT221340320	KT221350320	3.20	I	65	16	33	6	3.2
KT221340330	KT221350330	3.30	I	65	16	33	6	3.2
KT221340340	KT221350340	3.40	I	70	18	38	6	3.5
KT221340350	KT221350350	3.50	I	70	18	38	6	3.5
KT221340360	KT221350360	3.60	I	70	18	38	6	3.5
KT221340370	KT221350370	3.70	I	70	18	38	6	3.5
KT221340380	KT221350380	3.80	II	75	19	46	6	4.0
KT221340390	KT221350390	3.90	II	75	19	46	6	4.0
KT221340400	KT221350400	4.00	II	75	19	46	6	4.0
KT221340410	KT221350410	4.10	II	75	19	46	6	4.0
KT221340420	KT221350420	4.20	II	75	19	46	6	4.0
KT221340430	KT221350430	4.30	II	80	21	51	6	4.5

ExpertCut

KT22134
KT22135

High Perfomance

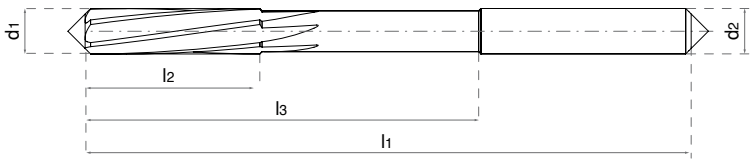
+Blank | +Ti** | HSS-E | DIN 212-2 | RH | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

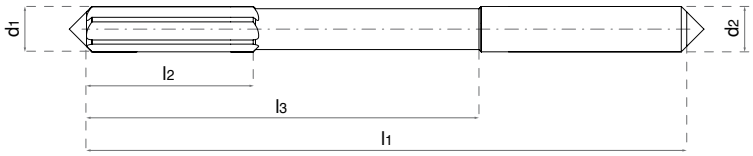
● Recommended ◑ Acceptable ○ Not recommended

HSS-E | DIN 212-2 | RH | CYL

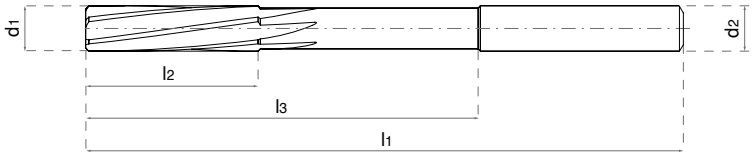
KT22134/KT22135



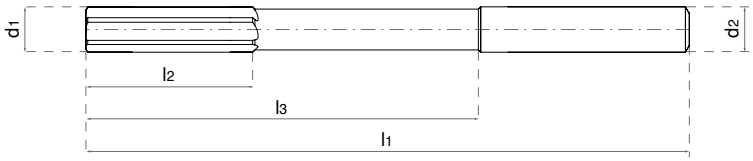
spiral groove, design I



straight groove, design II



spiral groove, design I

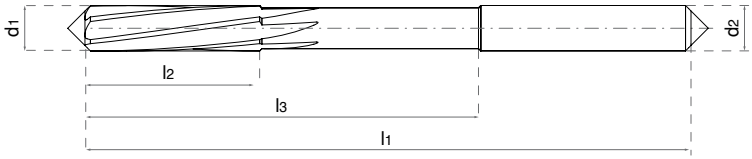


straight groove, design II

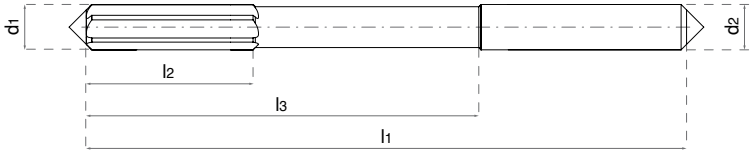
Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	l3	Z	d2 h9
KT221340440	KT221350440	4.40	II	80	21	51	6	4.5
KT221340450	KT221350450	4.50	II	80	21	51	6	4.5
KT221340460	KT221350460	4.60	II	80	21	51	6	4.5
KT221340470	KT221350470	4.70	II	80	21	51	6	4.5
KT221340480	KT221350480	4.80	II	86	23	57	6	5.0
KT221340490	KT221350490	4.90	II	86	23	57	6	5.0
KT221340500	KT221350500	5.00	II	86	23	57	6	5.0
KT221340510	KT221350510	5.10	II	86	23	57	6	5.0
KT221340520	KT221350520	5.20	II	86	23	57	6	5.0
KT221340530	KT221350530	5.30	II	86	23	57	6	5.0
KT221340540	KT221350540	5.40	II	93	26	56	6	5.6
KT221340550	KT221350550	5.50	II	93	26	56	6	5.6
KT221340560	KT221350560	5.60	II	93	26	56	6	5.6
KT221340570	KT221350570	5.70	II	93	26	56	6	5.6
KT221340580	KT221350580	5.80	II	93	26	56	6	5.6
KT221340590	KT221350590	5.90	II	93	26	56	6	5.6
KT221340600	KT221350600	6.00	II	93	26	56	6	5.6
KT221340610	KT221350610	6.10	II	101	28	64	6	6.3
KT221340620	KT221350620	6.20	II	101	28	64	6	6.3
KT221340630	KT221350630	6.30	II	101	28	64	6	6.3
KT221340640	KT221350640	6.40	II	101	28	64	6	6.3
KT221340650	KT221350650	6.50	II	101	28	64	6	6.3
KT221340660	KT221350660	6.60	II	101	28	64	6	6.3
KT221340670	KT221350670	6.70	II	101	28	64	6	6.3
KT221340680	KT221350680	6.80	II	109	31	72	6	7.1
KT221340690	KT221350690	6.90	II	109	31	72	6	7.1
KT221340700	KT221350700	7.00	II	109	31	72	6	7.1
KT221340710	KT221350710	7.10	II	109	31	72	6	7.1
KT221340720	KT221350720	7.20	II	109	31	72	6	7.1
KT221340730	KT221350730	7.30	II	109	31	72	6	7.1
KT221340740	KT221350740	7.40	II	109	31	72	6	7.1
KT221340750	KT221350750	7.50	II	109	31	72	6	7.1

HSS-E | DIN 212-2 | RH | CYL

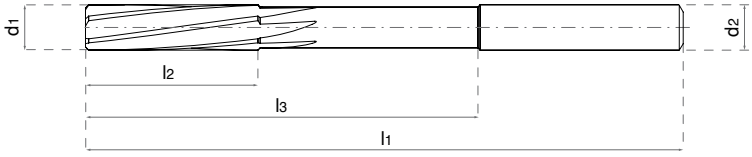
KT22134/KT22135



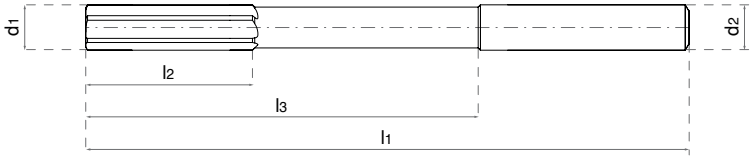
spiral groove, design I



straight groove, design II



spiral groove, design I

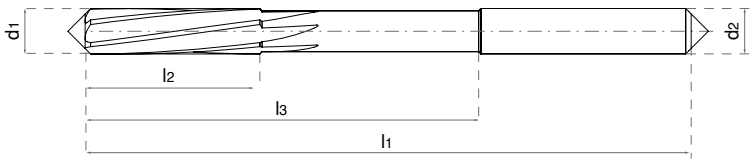


straight groove, design II

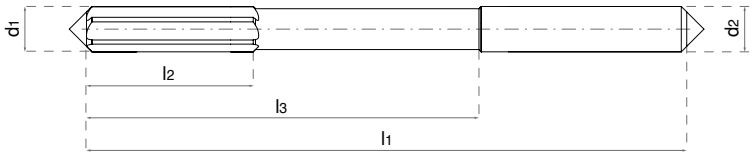
Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	l3	Z	d2 h9
KT221340760	KT221350760	7.60	II	117	33	80	6	8.0
KT221340770	KT221350770	7.70	II	117	33	80	6	8.0
KT221340780	KT221350780	7.80	II	117	33	80	6	8.0
KT221340790	KT221350790	7.90	II	117	33	80	6	8.0
KT221340800	KT221350800	8.00	II	117	33	80	6	8.0
KT221340810	KT221350810	8.10	II	117	33	80	6	8.0
KT221340820	KT221350820	8.20	II	117	33	80	6	8.0
KT221340830	KT221350830	8.30	II	117	33	80	6	8.0
KT221340840	KT221350840	8.40	II	117	33	80	6	8.0
KT221340850	KT221350850	8.50	II	117	33	80	6	8.0
KT221340860	KT221350860	8.60	II	125	36	84	6	9.0
KT221340870	KT221350870	8.70	II	125	36	84	6	9.0
KT221340880	KT221350880	8.80	II	125	36	84	6	9.0
KT221340890	KT221350890	8.90	II	125	36	84	6	9.0
KT221340900	KT221350900	9.00	II	125	36	84	6	9.0
KT221340910	KT221350910	9.10	II	125	36	84	6	9.0
KT221340920	KT221350920	9.20	II	125	36	84	6	9.0
KT221340930	KT221350930	9.30	II	125	36	84	6	9.0
KT221340940	KT221350940	9.40	II	125	36	84	6	9.0
KT221340950	KT221350950	9.50	II	125	36	84	6	9.0
KT221340960	KT221350960	9.60	II	133	38	92	6	10.0
KT221340970	KT221350970	9.70	II	133	38	92	6	10.0
KT221340980	KT221350980	9.80	II	133	38	92	6	10.0
KT221340990	KT221350990	9.90	II	133	38	92	6	10.0
KT221341000	KT221351000	10.00	II	133	38	92	6	10.0
KT221341010	KT221351010	10,10	II	133	38	92	6	10.0
KT221341020	KT221351020	10.20	II	133	38	92	6	10.0
KT221341030	KT221351030	10,30	II	133	38	92	6	10.0
KT221341040	KT221351040	10.40	II	133	38	92	6	10.0
KT221341050	KT221351050	10.50	II	133	38	92	6	10.0
KT221341060	KT221351060	10.60	II	133	38	92	6	10.0
KT221341070	KT221351070	10.70	II	142	41	101	6	10.0

HSS-E | DIN 212-2 | RH | CYL

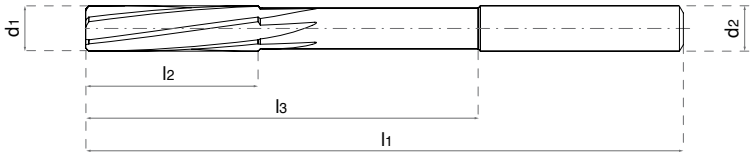
KT22134/KT22135



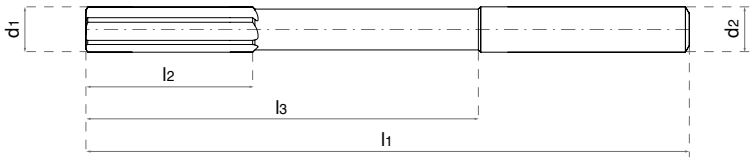
spiral groove, design I



straight groove, design II



spiral groove, design I



straight groove, design II

Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	l3	Z	d2 h9
KT221341080	**KT221351080**	**10.80**	II	142	41	101	6	**10.0**
KT221341090	**KT221351090**	**10.90**	II	142	41	101	6	**10.0**
KT221341100	**KT221351100**	**11.00**	II	142	41	101	6	**10.0**
KT221341110	**KT221351110**	**11.10**	II	142	41	101	6	**10.0**
KT221341120	**KT221351120**	**11.20**	II	142	41	101	6	**10.0**
KT221341130	**KT221351130**	**11.30**	II	142	41	101	6	**10.0**
KT221341140	**KT221351140**	**11.40**	II	142	41	101	6	**10.0**
KT221341150	**KT221351150**	**11.50**	II	142	41	101	6	**10.0**
KT221341160	**KT221351160**	**11.60**	II	142	41	101	6	**10.0**
KT221341170	**KT221351170**	**11.70**	II	142	41	101	6	**10.0**
KT221341180	**KT221351180**	**11.80**	II	142	41	101	6	**10.0**
KT221341190	**KT221351190**	**11.90**	II	151	44	110	6	**10.0**
KT221341200	**KT221351200**	**12.00**	II	151	44	110	6	**10.0**
KT221341300	**KT221351300**	**13.00**	II	151	44	110	6	**10.0**
KT221341400	**KT221351400**	**14.00**	II	160	47	114	8	**12.5**
KT221341500	**KT221351500**	**15.00**	II	162	50	116	8	**12.5**
KT221341600	**KT221351600**	**16.00**	II	170	52	124	8	**12.5**
KT221341700	**KT221351700**	**17.00**	II	175	54	129	8	**14.0**
KT221341800	**KT221351800**	**18.00**	II	182	56	136	8	**14.0**
KT221341900	**KT221351900**	**19.00**	II	189	58	140	8	**16.0**
KT221342000	**KT221352000**	**20.00**	II	195	60	146	8	**16.0**

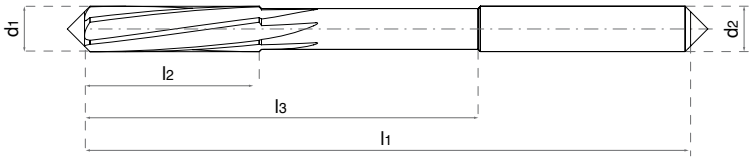
** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

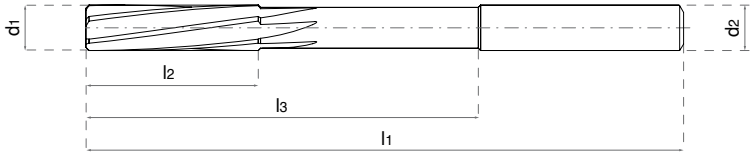
D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal high performance DIN 212-2 HSS-E reamers with H7 tolerance.



spiral groove, design I



spiral groove, design II

Code (from)	Code (up to)	from d1	up to d1	Design	l1	l2	la	Z	d2
KT221880095	KT221880106	0.95	1.06	I	34	5.5	13	3	1
KT221880107	KT221880118	1.07	1.18	I	36	6.5	14	3	1.1
KT221880119	KT221880132	1.19	1.32	I	38	7.5	15	3	1.2
KT221880133	KT221880139	1.33	1.41	I	40	8	16	3	1.4
KT221880140	KT221880150	1.42	1.5	I	40	8	16	3	1.5
KT221880151	KT221880170	1.51	1.7	I	43	9	18	3	1.6
KT221880171	KT221880190	1.71	1.9	I	46	10	20	4	1.8
KT221880191	KT221880199	1.91	1.99	I	49	11	22	4	2
KT221880200	KT221880209	2	2.09	I	49	11	22	4	2
KT221880210	KT221880212	2.1	2.12	I	49	11	22	4	2
KT221880213	KT221880236	2.13	2.36	I	53	12	24	4	2.2
KT221880237	KT221880249	2.37	2.49	I	57	14	26	4	2.5
KT221880250	KT221880259	2.5	2.59	I	57	14	26	4	2.5
KT221880260	KT221880265	2.6	2.65	I	57	14	26	4	2.5
KT221880266	KT221880280	2.66	2.8	I	61	15	30	6	2.8
KT221880281	KT221880300	2.81	3	I	61	15	29	6	3
KT221880301	KT221880309	3.01	3.09	I	65	16	33	6	3.2
KT221880310	KT221880335	3.1	3.35	I	65	16	33	6	3.2
KT221880336	KT221880349	3.36	3.49	I	70	18	38	6	3.5
KT221880350	KT221880359	3.5	3.59	I	70	18	38	6	3.5
KT221880360	KT221880375	3.6	3.75	I	70	18	38	6	3.5
KT221880376	KT221880381	3.76	3.81	II	75	19	46	6	4
KT221880382	KT221880420	3.82	4.2	II	75	19	46	6	4
KT221880421	KT221880425	4.21	4.25	II	75	19	46	6	4
KT221880426	KT221880475	4.26	4.75	II	80	21	51	6	4.5
KT221880476	KT221880520	4.76	5.2	II	86	23	57	6	5
KT221880521	KT221880530	5.21	5.3	II	86	23	57	6	5
KT221880531	KT221880600	5.31	6	II	93	26	56	6	5.6
KT221880601	KT221880625	6.01	6.25	II	101	28	64	6	6.3
KT221880626	KT221880670	6.26	6.7	II	101	28	64	6	6.3
KT221880671	KT221880750	6.71	7.5	II	109	31	72	6	7.1
KT221880751	KT221880820	7.51	8.2	II	117	33	80	6	8
KT221880821	KT221880850	8.21	8.5	II	117	33	80	6	8
KT221880851	KT221880863	8.51	8.63	II	125	36	84	6	9
KT221880864	KT221880950	8.64	9.5	II	125	36	84	6	9
KT221880951	KT221880963	9.51	9.63	II	133	38	92	6	10
KT221880964	KT221881020	9.64	10.2	II	133	38	92	6	10
KT221881021	KT221881060	10.21	10.6	II	133	38	92	6	10
KT221881061	KT221881120	10.61	11.2	II	142	41	101	6	10
KT221881121	KT221881180	11.21	11.8	II	142	41	101	6	10
KT221881181	KT221881205	11.81	12.05	II	151	44	110	6	10

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal high-performance DIN 212-2 HSS-E reamers in 0.01 mm increments. Cutting diameter tolerance of the reamer +0.005 mm.

ExpertCut

KT22188

High Perfomance

+Blank | +Ti** | HSS-E | DIN 212-2 | RH | Increment 0.01 | CYL

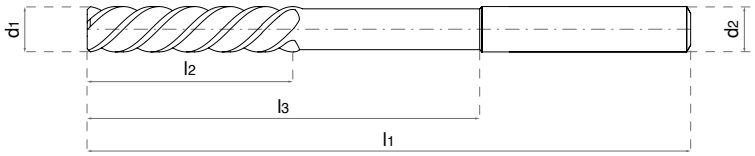
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22199

High Perfomance



Code	d1 h7	l1	l2	l3	Z	d2 h9
KT221990100	**1.0**	34	5.5	14	2	**1.0**
KT221990120	**1.2**	38	7.5	16	2	**1.2**
KT221990140	**1.4**	40	8.0	17	2	**1.4**
KT221990150	**1.5**	40	8.0	17	2	**1.5**
KT221990160	**1.6**	43	9.0	19	2	**1.6**
KT221990180	**1.8**	46	10	21	2	**1.8**
KT221990200	**2.0**	49	11	23	3	**2.0**
KT221990220	**2.2**	53	12	25	3	**2.2**
KT221990250	**2.5**	57	14	27	3	**2.5**
KT221990280	**2.8**	61	15	31	3	**2.8**
KT221990300	**3.0**	61	15	30	3	**3.0**
KT221990320	**3.2**	65	16	34	3	**3.2**
KT221990350	**3.5**	70	18	39	3	**3.5**
KT221990400	**4.0**	75	19	46	3	**4.0**
KT221990450	**4.5**	80	21	51	3	**4.5**
KT221990500	**5.0**	86	23	57	3	**5.0**
KT221990550	**5.5**	93	26	56	3	**5.6**
KT221990600	**6.0**	93	26	56	3	**5.6**
KT221990650	**6.5**	101	28	64	3	**6.3**
KT221990700	**7.0**	109	31	72	3	**7.1**
KT221990750	**7.5**	109	31	72	3	**7.1**
KT221990800	**8.0**	117	33	80	3	**8.0**
KT221990850	**8.5**	117	33	80	3	**8.0**
KT221990900	**9.0**	125	36	84	3	**9.0**
KT221990950	**9.5**	125	36	84	3	**9.0**
KT221991000	**10.0**	133	38	92	3	**10.0**
KT221991100	**11.0**	142	41	101	3	**10.0**
KT221991200	**12.0**	151	44	110	3	**10.0**
KT221991300	**13.0**	151	44	110	3	**10.0**
KT221991400	**14.0**	160	47	114	3	**12.5**
KT221991500	**15.0**	162	50	116	3	**12.5**
KT221991600	**16.0**	170	52	124	3	**12.5**
KT221991700	**17.0**	175	54	129	3	**14.0**
KT221991800	**18.0**	182	56	136	3	**14.0**
KT221991900	**19.0**	189	58	140	3	**16.0**
KT221992000	**20.0**	195	60	146	3	**16.0**

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

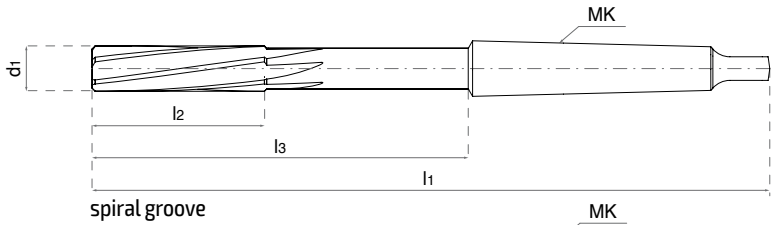
Recommendations for use:

High-performance reamer for machining deep holes and long chip materials.

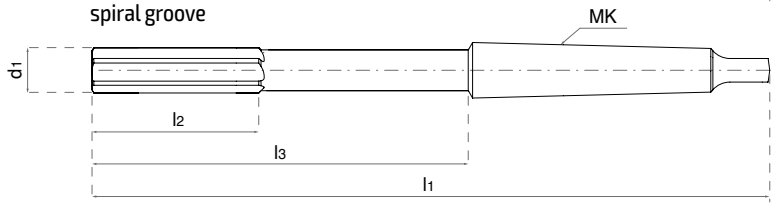
+Blank | +Ti** | HSS-E | DIN 212-2 | RH | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



spiral groove



straight groove

Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	l1	l2	l3	Z	MK
KT221710300	-	3	113	15	42	6	1
KT221710400	-	4	124	19	54	6	1
KT221710500	KT221720500	5	133	23	63	6	1
KT221710600	KT221720600	6	138	26	68	6	1
KT221710700	KT221720700	7	150	31	81	6	1
KT221710800	KT221720800	8	156	33	88	6	1
KT221710900	KT221720900	9	162	36	94	6	1
KT221711000	KT221721000	10	168	38	100	6	1
KT221711100	KT221721100	11	175	41	108	6	1
KT221711200	KT221721200	12	182	44	115	6	1
KT221711300	KT221721300	13	182	44	115	6	1
KT221711400	KT221721400	14	189	47	122	8	1
KT221711500	KT221721500	15	204	50	121	8	2
KT221711600	KT221721600	16	210	52	127	8	2
KT221711700	KT221721700	17	214	54	132	8	2
KT221711800	KT221721800	18	219	56	137	8	2
KT221711900	KT221721900	19	223	58	142	8	2
KT221712000	KT221722000	20	228	60	147	8	2
KT221712100	KT221722100	21	232	62	151	8	2
KT221712200	KT221722200	22	237	64	156	8	2
KT221712300	KT221722300	23	241	66	160	8	2
KT221712400	KT221722400	24	268	68	167	8	3
KT221712500	KT221722500	25	268	68	167	8	3
KT221712600	KT221722600	26	273	70	172	8	3
KT221712700	KT221722700	27	277	Z1	177	10	3
KT221712800	KT221722800	28	277	71	177	10	3
KT221712900	KT221722900	29	281	73	181	10	3
KT221713000	KT221723000	30	281	73	181	10	3
KT221713100	KT221723100	31	285	75	185	10	3
KT221713200	KT221723200	32	317	77	190	10	4
KT221713300	-	33	317	77	190	10	4
KT221713400	-	34	321	78	194	10	4
KT221713500	-	35	321	78	195	10	4
KT221713600	-	36	325	79	200	10	4
KT221713700	-	38	329	81	204	10	4
KT221713800		40	329	81	204	10	4
KT221713900	-	42	333	82	211	12	4
KT221714000	-	44	336	83	215	12	4
KT221714100	-	45	336	83	215	12	4
KT221714200	-	46	340	84	219	12	4
KT221714300	-	47	340	84	219	12	4
KT221714400	-	48	344	86	224	12	4
KT221714500	-	50	344	86	224	12	4

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal high-performance Morse taper DIN 208 HSS-E reamers with H7 tolerance.

ExpertCut

KT22171

KT22172

High Perfomance

+Blank | +Ti** | HSS-E | DIN 208 | RH | MK

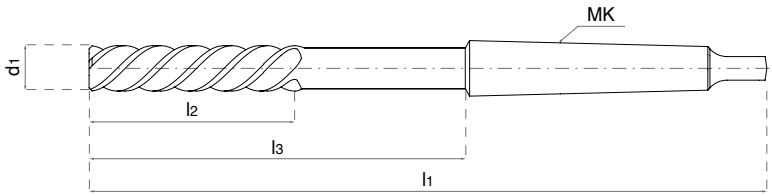
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT22175

High Perfomance



Code	d1 h7	l1	l2	la	Z	MK
KT221750500	5	133	23	67.5	3	1
KT221750600	6	138	26	72.5	3	1
KT221750700	7	150	31	84.5	3	1
KT221750800	8	156	33	90.5	3	1
KT221750900	9	162	36	96.5	3	1
KT221751000	10	168	38	102.5	3	1
KT221751100	11	175	41	109.5	3	1
KT221751200	12	182	44	116.5	3	1
KT221751300	13	182	44	116.5	3	1
KT221751400	14	189	47	123.5	3	1
KT221751500	15	204	50	124	3	2
KT221751600	16	210	52	130	3	2
KT221751700	17	214	54	134	3	2
KT221751800	18	219	56	139	3	2
KT221751900	19	223	58	143	3	2
KT221752000	20	228	60	148	3	2
KT221752200	22	237	64	157	3	2
KT221752400	24	268	68	169	3	3
KT221752500	25	268	68	169	3	3
KT221752600	26	273	70	174	3	3
KT221752800	28	277	71	178	3	3
KT221753000	30	281	73	182	3	3
KT221753200	32	317	77	193	4	3

** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

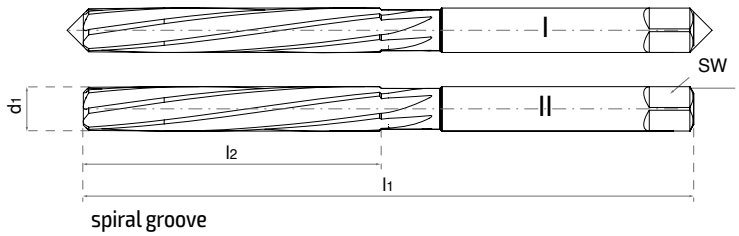
Recommendations for use:

High-performance Morse taper DIN 208 HSS-E reamers with H7 tolerance. For machining deep holes and long chip materials.

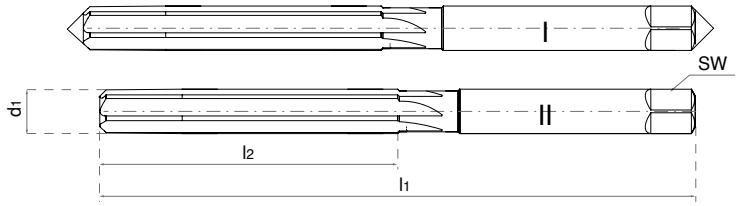
+Blank | +Ti** | HSS-E | DIN 208 | RH | MK

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



spiral groove



straight groove

Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	Z	SW
KT221780100	KT221790100	1.00	I	34	13	3	-
KT221780110	KT221790110	1.10	I	34	13	3	-
KT221780120	KT221790120	1.20	I	38	17	3	-
KT221780130	KT221790130	1.30	I	38	17	3	-
KT221780140	KT221790140	1.40	I	41	20	3	1.12
KT221780150	KT221790150	1.50	I	41	20	3	1.12
KT221780160	KT221790160	1.60	I	44	21	3	1.25
KT221780170	KT221790170	1.70	I	44	21	3	1.25
KT221780180	KT221790180	1.80	I	47	23	4	1.4
KT221780190	KT221790190	1.90	I	47	23	4	1.4
KT221780200	KT221790200	2.00	I	50	25	4	1.6
KT221780210	KT221790210	2.10	I	50	25	4	1.6
KT221780220	KT221790220	2.20	I	54	27	4	1.8
KT221780230	KT221790230	2.30	I	54	27	4	1.8
KT221780240	KT221790240	2.40	I	58	29	4	2.0
KT221780250	KT221790250	2.50	I	58	29	4	2.0
KT221780260	KT221790260	2.60	I	58	29	4	2.0
KT221780270	KT221790270	2.70	I	62	31	6	2.24
KT221780280	KT221790280	2.80	I	62	31	6	2.24
KT221780290	KT221790290	2.90	I	62	31	6	2.24
KT221780300	KT221790300	3.00	I	62	31	6	2.24
KT221780310	KT221790310	3.10	I	66	33	6	2.5
KT221780320	KT221790320	3.20	I	66	33	6	2.5
KT221780330	KT221790330	3.30	I	66	33	6	2.5
KT221780340	KT221790340	3.40	I	71	35	6	2.8
KT221780350	KT221790350	3.50	I	71	35	6	2.8
KT221780360	KT221790360	3.60	I	71	35	6	2.8
KT221780370	KT221790370	3.70	I	71	35	6	2.8
KT221780380	KT221790380	3.80	II	76	38	6	3.15
KT221780390	KT221790390	3.90	II	76	38	6	3.15
KT221780400	KT221790400	4.00	II	76	38	6	3.15
KT221780410	KT221790410	4.10	II	76	38	6	3.15
KT221780420	KT221790420	4.20	II	76	38	6	3.15
KT221780430	KT221790430	4.30	II	81	41	6	3.55
KT221780440	KT221790440	4.40	II	81	41	6	3.55
KT221780450	KT221790450	4.50	II	81	41	6	3.55
KT221780460	KT221790460	4.60	II	81	41	6	3.55
KT221780470	KT221790470	4.70	II	81	41	6	3.55

ExpertCut

KT22178
KT22179

High Perfomance

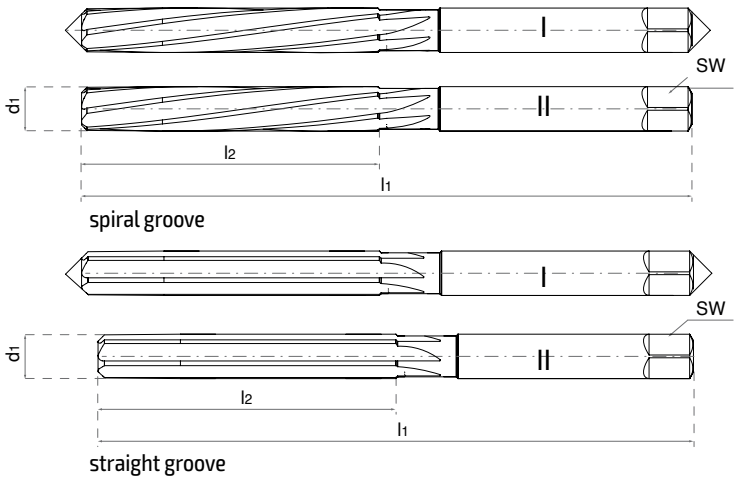
+Blank | +Ti** | HSS-E | DIN 206 | RH | CYL | SW

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	◑
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

HSS-E | DIN 206 | RH | CYL

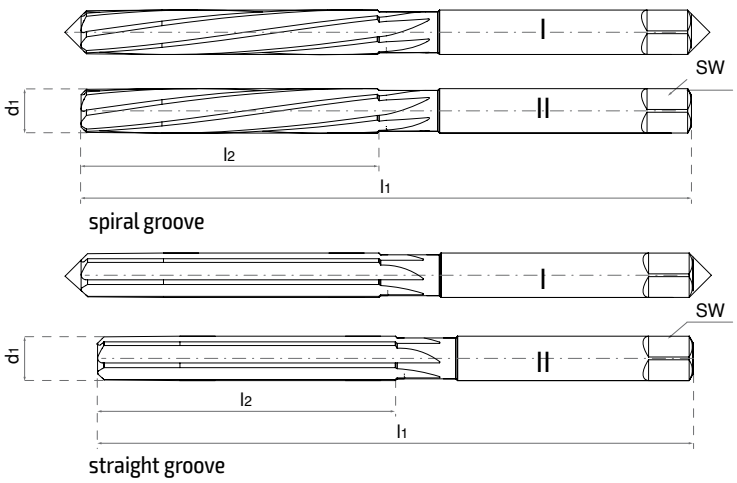
KT22178/KT22179



Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	Z	SW
KT221780480	KT221790480	4.80	II	87	44	6	4.0
KT221780490	KT221790490	4.90	II	87	44	6	4.0
KT221780500	KT221790500	5.00	II	87	44	6	4.0
KT221780510	KT221790510	5.10	II	87	44	6	4.0
KT221780520	KT221790520	5.20	II	87	44	6	4.0
KT221780530	KT221790530	5.30	II	87	44	6	4.0
KT221780540	KT221790540	5.40	II	93	47	6	4.5
KT221780550	KT221790550	5.50	II	93	47	6	4.5
KT221780560	KT221790560	5.60	II	93	47	6	4.5
KT221780570	KT221790570	5.70	II	93	47	6	4.5
KT221780580	KT221790580	5.80	II	93	47	6	4.5
KT221780590	KT221790590	5.90	II	93	47	6	4.5
KT221780600	KT221790600	6.00	II	93	47	6	4.5
KT221780610	KT221790610	6.10	II	93	47	6	4.5
KT221780620	KT221790620	6.20	II	93	47	6	4.5
KT221780630	KT221790630	6.30	II	93	47	6	4.5
KT221780640	KT221790640	6.40	II	100	50	6	5.0
KT221780650	KT221790650	6.50	II	100	50	6	5.0
KT221780660	KT221790660	6.60	II	100	50	6	5.0
KT221780670	KT221790670	6.70	II	100	50	6	5.0
KT221780680	KT221790680	6.80	II	107	54	6	5.6
KT221780690	KT221790690	6.90	II	107	54	6	5.6
KT221780700	KT221790700	7.00	II	107	54	6	5.6
KT221780710	KT221790710	7.10	II	107	54	6	5.6
KT221780720	KT221790720	7.20	II	107	54	6	5.6
KT221780730	KT221790730	7.30	II	107	54	6	5.6
KT221780740	KT221790740	7.40	II	107	54	6	5.6
KT221780750	KT221790750	7.50	II	107	54	6	5.6
KT221780760	KT221790760	7.60	II	115	58	6	6.3
KT221780770	KT221790770	7.70	II	115	58	6	6.3
KT221780780	KT221790780	7.80	II	115	58	6	6.3
KT221780790	KT221790790	7.90	II	115	58	6	6.3
KT221780800	KT221790800	8.00	II	115	58	6	6.3
KT221780810	KT221790810	8.10	II	115	58	6	6.3
KT221780820	KT221790820	8.20	II	115	58	6	6.3
KT221780830	KT221790830	8.30	II	115	58	6	6.3
KT221780840	KT221790840	8.40	II	115	58	6	6.3
KT221780850	KT221790850	8.50	II	115	58	6	6.3
KT221780860	KT221790860	8.60	II	124	62	6	7.1

HSS-E | DIN 206 | RH | CYL

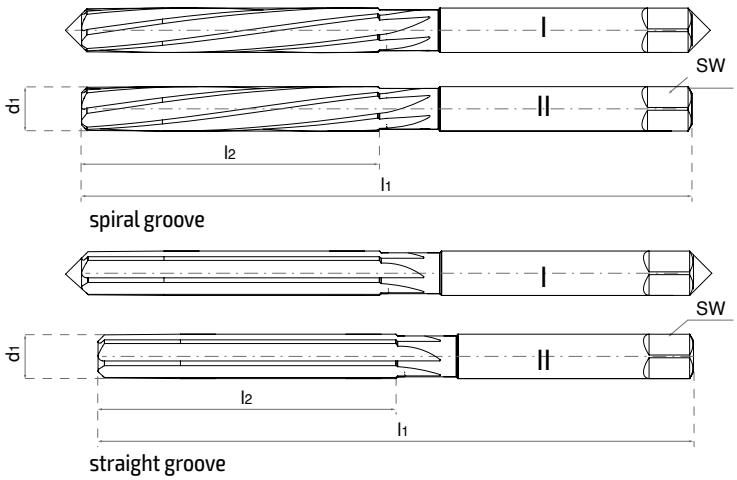
KT22178/KT22179



Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	Z	SW
KT221780870	KT221790870	8.70	II	124	62	6	7.1
KT221780880	KT221790880	8.80	II	124	62	6	7.1
KT221780890	KT221790890	8.90	II	124	62	6	7.1
KT221780900	KT221790900	9.00	II	124	62	6	7.1
KT221780910	KT221790910	9.10	II	124	62	6	7.1
KT221780920	KT221790920	9.20	II	124	62	6	7.1
KT221780930	KT221790930	9.30	II	124	62	6	7.1
KT221780940	KT221790940	9.40	II	124	62	6	7.1
KT221780950	KT221790950	9.50	II	124	62	6	7.1
KT221780960	KT221790960	9.60	II	133	66	6	8.0
KT221780970	KT221790970	9.70	II	133	66	6	8.0
KT221780980	KT221790980	9.80	II	133	66	6	8.0
KT221780990	KT221790990	9.90	II	133	66	6	8.0
KT221781000	KT221791000	10.00	II	133	66	6	8.0
KT221781010	KT221791010	10.10	II	133	66	6	8.0
KT221781020	KT221791020	10.20	II	133	66	6	8.0
KT221781030	KT221791030	10.30	II	133	66	6	8.0
KT221781040	KT221791040	10.40	II	133	66	6	8.0
KT221781050	KT221791050	10.50	II	133	66	6	8.0
KT221781060	KT221791060	10.60	II	133	66	6	8.0
KT221781070	KT221791070	10.70	II	142	71	6	9.0
KT221781080	KT221791080	10.80	II	142	71	6	9.0
KT221781090	KT221791090	10.90	II	142	71	6	9.0
KT221781100	KT221791100	11.00	II	142	71	6	9.0
KT221781110	KT221791110	11.10	II	142	71	6	9.0
KT221781120	KT221791120	11.20	II	142	71	6	9.0
KT221781130	KT221791130	11.30	II	142	71	6	9.0
KT221781140	KT221791140	11.40	II	142	71	6	9.0
KT221781150	KT221791150	11.50	II	142	71	6	9.0
KT221781160	KT221791160	11.60	II	142	71	6	9.0
KT221781170	KT221791170	11.70	II	142	71	6	9.0
KT221781180	KT221791180	11.80	II	142	71	6	9.0
KT221781190	KT221791190	11.90	II	152	76	6	10.0
KT221781200	KT221791200	12.00	II	152	76	6	10.0
KT221781250	KT221791250	12.50	II	152	76	6	10.0
KT221781300	KT221791300	13.00	II	152	76	6	10.0
KT221781350	KT221791350	13.50	II	163	81	8	11.2
KT221781400	KT221791400	14.00	II	163	81	8	11.2
KT221781450	KT221791450	14.50	II	163	81	8	11.2

HSS-E | DIN 206 | RH | CYL

KT22178/KT22179



Code - Spiral groove (B)	Code - Straight groove (A)	d1 h7	Design	l1	l2	Z	SW
KT221781500	KT221791500	15.00	II	163	81	8	11.2
KT221781550	KT221791550	15.50	II	175	87	8	12.5
KT221781600	KT221791600	16.00	II	175	87	8	12.5
KT221781650	KT221791650	16.50	II	175	87	8	12.5
KT221781700	KT221791700	17.00	II	175	87	8	12.5
KT221781750	KT221791750	17.50	II	188	93	8	14.0
KT221781800	KT221791800	18.00	II	188	93	8	14.0
KT221781850	KT221791850	18.50	II	188	93	8	14.0
KT221781900	KT221791900	19.00	II	188	93	8	14.0
KT221781950	KT221791950	19.50	II	201	100	8	16.0
KT221782000	KT221792000	20.00	II	201	100	8	16.0
KT221782100	KT221792100	21.00	II	201	100	8	16.0
KT221782200	KT221792200	22.00	II	215	107	8	18.0
KT221782300	KT221792300	23.00	II	215	107	8	18.0
KT221782400	KT221792400	24.00	II	231	115	8	20.0
KT221782500	KT221792500	25.00	II	231	115	8	20.0
KT221782600	KT221792600	26.00	II	231	115	8	20.0
KT221782700	KT221792700	27.00	II	247	124	10	22.4
KT221782800	KT221792800	28.00	II	247	124	10	22.4
KT221782900	KT221792900	29.00	II	247	124	10	22.4
KT221783000	KT221793000	30.00	II	247	124	10	22.4
KT221783100	KT221793100	31.00	II	265	133	10	25.0
KT221783200	KT221793200	32.00	II	265	133	10	25.0
KT221783300	KT221793300	33.00	II	265	133	10	25.0
KT221783400	KT221793400	34.00	II	284	142	10	28.0
KT221783500	KT221793500	35.00	II	284	142	10	28.0
KT221783600	KT221793600	36.00	II	284	142	10	28.0
KT221783700	KT221793700	37.00	II	284	142	10	28.0
KT221783800	KT221793800	38.00	II	305	152	10	31.5
KT221783900	KT221793900	39.00	II	305	152	10	31.5
KT221784000	KT221794000	40.00	II	305	152	10	31.5
KT221784500	KT221794500	45.00	II	326	163	12	35.5
KT221785000	KT221795000	50.00	II	347	174	12	40.0
KT221786000	KT221796000	60.00	II	367	184	12	45.0

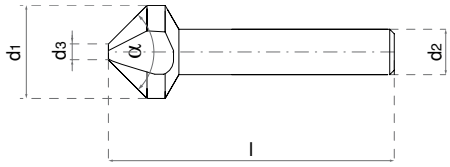
** optional wear-resistant coating available on all tools of this series

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Hi-class hand-held reamers for machining a wide range of materials.



Code			d1	d2	l1	l2
No coating	TiAlN coating	TiN coating				
KT2533500430	KT2533510430	KT2533530430	4.3	1.3	40	4
KT2533500630	KT2533510630	KT2533530630	6.3	1.5	45	5
KT2533500830	KT2533510830	KT2533530830	8.3	2	50	6
KT2533501040	KT2533511040	KT2533531040	10.4	2.5	50	6
KT2533501240	KT2533511240	KT2533531240	12.4	2.8	56	8
KT2533501650	KT2533511650	KT2533531650	16.5	3.2	60	10
KT2533502050	KT2533512050	KT2533532050	20.5	3.5	63	10
KT2533502500	KT2533512500	KT2533532500	25	3.8	67	10
KT2533503100	KT2533513100	KT2533533100	31	4.2	71	12

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut
KT253350
KT253351
KT253353

High Perfomance

+Blank

+TiAlN | +TiN

HSS | DIN 335 | RH

C | α 90° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut
KT253350
KT253351
KT253353

High Perfomance

+Blank

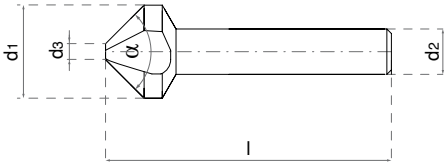
+TiAlN | +TiN

HSS | DIN 335 | RH

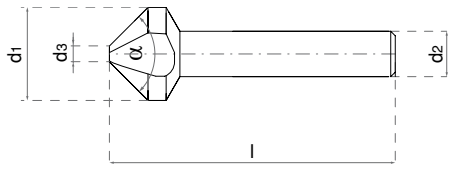
C | α 90° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	Description
KT2533507005	Uncoated, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT2533507006	Uncoated, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT2533517005	TiN, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT2533517006	TiN, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT2533537005	TiAlN, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT2533537006	TiAlN, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm



Code No coating	d1	d2	l1	l2
KT2533520630	6.3	1.5	45	5
KT2533520830	8.3	2	50	6
KT2533521040	10.4	2.5	50	6
KT2533521240	12.4	2.8	56	8
KT2533521500	15	3.2	60	10

Code No coating	d1	d2	l1	l2
KT2533521650	16.5	3.2	60	10
KT2533522050	20.5	3.5	63	10
KT2533522500	25	3.8	67	10
KT2533523100	31	4.2	71	12

Packaging and minimum order

D	Quantity
all dimensions	1 pc

+Blank

HSS-Co5 | DIN 335 | RH

C | α 90° | CYL

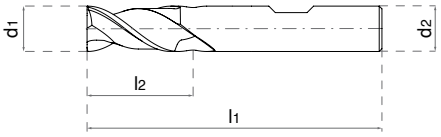
Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24327010
KT24327011

High Perfomance



Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270100100	KT243270110100	1	6	47	2.5
KT243270100150	KT243270110150	1.5	6	47	3
KT243270100200	KT243270110200	2	6	48	4
KT243270100250	KT243270110250	2.5	6	49	5
KT243270100280	KT243270110280	2.8	6	49	5
KT243270100300	KT243270110300	3	6	49	5
KT243270100350	KT243270110350	3.5	6	50	6
KT243270100380	KT243270110380	3.8	6	51	7
KT243270100400	KT243270110400	4	6	51	7
KT243270100450	KT243270110450	4.5	6	51	7
KT243270100480	KT243270110480	4.8	6	52	8
KT243270100500	KT243270110500	5	6	52	8
KT243270100550	KT243270110550	5.5	6	52	8
KT243270100575	KT243270110575	5.75	6	52	8
KT243270100600	KT243270110600	6	6	52	8
KT243270100650	KT243270110650	6.5	10	60	10
KT243270100700	KT243270110700	7	10	60	10
KT243270100750	KT243270110750	7.5	10	60	10
KT243270100775	KT243270110775	7.75	10	61	11
KT243270100800	KT243270110800	8	10	61	11
KT243270100850	KT243270110850	8.5	10	61	11
KT243270100900	KT243270110900	9	10	61	11
KT243270100950	KT243270110950	9.5	10	61	11
KT243270100970	KT243270110970	9.7	10	63	13
KT243270101000	KT243270111000	10	10	63	13
KT243270101050	KT243270111050	10.5	12	70	13
KT243270101100	KT243270111100	11	12	70	13

Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270101150	KT243270111150	11.5	12	70	13
KT243270101170	KT243270111170	11.7	12	70	13
KT243270101200	KT243270111200	12	12	73	16
KT243270101250	KT243270111250	12.5	12	73	16
KT243270101300	KT243270111300	13	12	73	16
KT243270101350	KT243270111350	13.5	12	73	16
KT243270101370	KT243270111370	13.7	12	73	16
KT243270101400	KT243270111400	14	12	73	16
KT243270101500	KT243270111500	15	12	73	16
KT243270101600	KT243270111600	16	16	79	19
KT243270101700	KT243270111700	17	16	79	19
KT243270101770	KT243270111770	17.7	16	79	19
KT243270101800	KT243270111800	18	16	79	19
KT243270101900	KT243270111900	19	16	79	19
KT243270102000	KT243270112000	20	20	88	22
KT243270102100	KT243270112100	21	20	88	22
KT243270102200	KT243270112200	22	20	88	22
KT243270102400	KT243270112400	24	25	102	26
KT243270102470	KT243270112470	24.7	20	96	26
KT243270102500	KT243270112500	25	25	102	26
KT243270102600	KT243270112600	26	25	102	26
KT243270102800	KT243270112800	28	25	102	26
KT243270103000	KT243270113000	30	25	102	26
KT243270103200	KT243270113200	32	32	112	32
KT243270103600	KT243270113600	36	32	112	32
KT243270104000	KT243270114000	40	40	130	38

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal mill for machining materials with a tensile strength of up to 900 MPa.

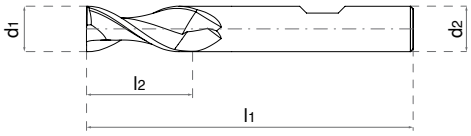
+Blank | +TiAlN

HSS-Co8 | DIN 327 | Z 2

N | WEL | RH

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270200200	KT243270210200	2	6	54	7
KT243270200300	KT243270210300	3	6	56	8
KT243270200350	KT243270210350	3.5	6	59	10
KT243270200400	KT243270210400	4	6	63	11
KT243270200450	KT243270210450	4.5	6	63	11
KT243270200500	KT243270210500	5	6	68	13
KT243270200550	KT243270210550	5.5	6	68	13
KT243270200600	KT243270210600	6	6	68	13
KT243270200650	KT243270210650	6.5	10	80	16
KT243270200700	KT243270210700	7	10	80	16
KT243270200800	KT243270210800	8	10	88	19
KT243270200850	KT243270210850	8.5	10	88	19
KT243270200900	KT243270210900	9	10	88	19
KT243270201000	KT243270211000	10	10	95	22
KT243270201100	KT243270211100	11	12	102	22
KT243270201200	KT243270211200	12	12	110	26
KT243270201300	KT243270211300	13	12	110	26

Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270201400	KT243270211400	14	12	110	26
KT243270201500	KT243270211500	15	12	110	26
KT243270201600	KT243270211600	16	16	123	32
KT243270201800	KT243270211800	18	16	123	32
KT243270202000	KT243270212000	20	20	141	38
KT243270202200	KT243270212200	22	20	141	38
KT243270202400	KT243270212400	24	25	166	45
KT243270202500	KT243270212500	25	25	166	45
KT243270202600	KT243270212600	26	25	166	45
KT243270202800	KT243270212800	28	25	166	45
KT243270203000	KT243270213000	30	25	166	45
KT243270203200	KT243270213200	32	32	186	53
KT243270203500	KT243270213500	35	32	186	53
KT243270203600	KT243270213600	36	32	186	53
KT243270204000	KT243270214000	40.0*	32	196	63

* ~ ISO 1641

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal extended mill for machining materials with a tensile strength of up to 900 MPa.

ExpertCut

KT24327020

KT24327021

High Perfomance

+Blank | +TiAlN

HSS-Co8	DIN 327	Z 2
N	WEL	RH

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

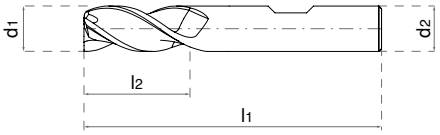
● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24327030

KT24327031

High Perfomance



Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270300200	KT243270310200	2	6	48	4
KT243270300300	KT243270310300	3	6	49	5
KT243270300350	KT243270310350	3.5	6	50	6
KT243270300400	KT243270310400	4	6	51	7
KT243270300450	KT243270310450	4.5	6	51	7
KT243270300500	KT243270310500	5	6	52	8
KT243270300550	KT243270310550	5.5	6	52	8
KT243270300600	KT243270310600	6	6	52	8
KT243270300650	KT243270310650	6.5	10	60	10
KT243270300700	KT243270310700	7	10	60	10
KT243270300750	KT243270310750	7.5	10	60	10
KT243270300800	KT243270310800	8	10	61	11
KT243270300900	KT243270310900	9	10	61	11
KT243270300950	KT243270310950	9.5	10	61	11
KT243270301000	KT243270311000	10	10	63	13
KT243270301100	KT243270311100	11	12	70	13

Code		d1	d2	l1	l2
No coating	TiAlN coating				
KT243270301200	KT243270311200	12	12	73	16
KT243270301300	KT243270311300	13	12	73	16
KT243270301400	KT243270311400	14	12	73	16
KT243270301500	KT243270311500	15	12	73	16
KT243270301600	KT243270311600	16	16	79	19
KT243270301800	KT243270311800	18	16	79	19
KT243270301970	KT243270311970	19.7	20	88	22
KT243270302000	KT243270312000	20	20	88	22
KT243270302200	KT243270312200	22	20	88	22
KT243270302500	KT243270312500	25	25	102	26
KT243270302800	KT243270312800	28	25	102	26
KT243270303000	KT243270313000	30	25	102	26
KT243270303200	KT243270313200	32	32	112	32

Packaging and minimum order

D	Quantity
all dimensions	1 pc

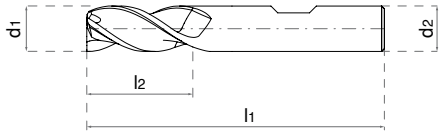
Recommendations for use:

Universal mill for machining materials with a tensile strength of up to 900 MPa.

+Blank	+TiAlN
HSS-Co8	DIN 327
Z 3	
N	WEL
RH	

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l1	l2	z
No coating	TiAlN coating					
KT248440100200	KT248440110200	2	6	51	7	3
KT248440100250	KT248440110250	2.5	6	52	8	3
KT248440100300	KT248440110300	3	6	52	8	4
KT248440100350	KT248440110350	3.5	6	54	10	4
KT248440100400	KT248440110400	4	6	55	11	4
KT248440100450	KT248440110450	4.5	6	55	11	4
KT248440100500	KT248440110500	5	6	57	13	4
KT248440100550	KT248440110550	5.5	6	57	13	4
KT248440100600	KT248440110600	6	6	57	13	4
KT248440100650	KT248440110650	6.5	10	66	16	4
KT248440100700	KT248440110700	7	10	66	16	4
KT248440100750	KT248440110750	7.5	10	66	16	4
KT248440100800	KT248440110800	8	10	69	19	4
KT248440100850	KT248440110850	8.5	10	69	19	4
KT248440100900	KT248440110900	9	10	69	19	4
KT248440100950	KT248440110950	9.5	10	69	19	4
KT248440101000	KT248440111000	10	10	72	22	4
KT248440101050	KT248440111050	10.5	12	79	22	4
KT248440101100	KT248440111100	11	12	79	22	4
KT248440101200	KT248440111200	12	12	83	26	4
KT248440101300	KT248440111300	13	12	83	26	4
KT248440101400	KT248440111400	14	12	83	26	4
KT248440101500	KT248440111500	15	12	83	26	4
KT248440101600	KT248440111600	16	16	92	32	4
KT248440101700	KT248440111700	17	16	92	32	4
KT248440101800	KT248440111800	18	16	92	32	4
KT248440102000	KT248440112000	20	20	104	38	4
KT248440102200	KT248440112200	22	20	104	38	5
KT248440102400	KT248440112400	24	25	121	45	5
KT248440102500	KT248440112500	25	25	121	45	5
KT248440102600	KT248440112600	26	25	121	45	5
KT248440102800	KT248440112800	28	25	121	45	5
KT248440103000	KT248440113000	30	25	121	45	5
KT248440103200	KT248440113200	32	32	133	53	6
KT248440103500	KT248440113500	35	32	133	53	6
KT248440103600	KT248440113600	36	32	133	53	6
KT248440104000*	KT248440114000*	40.0*	32	143	63	6

* ~ DIN 844

Packaging and minimum order

D	Quantity
all dimensions	1 pc

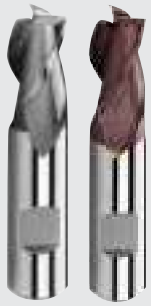
Recommendations for use:

Universal mill for machining materials with a tensile strength of up to 900 MPa.

ExpertCut

KT24844010
KT24844011

High Perfomance



+Blank | +TiAlN

HSS-Co8 | DIN 844 | Z 3/6

N | WEL | RH

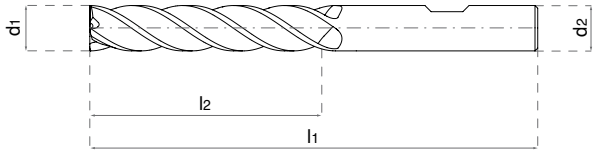
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24844020
KT24844021

High Perfomance



Code		d1	d2	l1	l2	z
No coating	TiAlN coating					
KT248440200200	KT248440210200	2	6	54	10	3
KT248440200300	KT248440210300	3	6	56	12	4
KT248440200350	KT248440210350	3.5	6	59	15	4
KT248440200400	KT248440210400	4	6	63	19	4
KT248440200450	KT248440210450	4.5	6	63	19	4
KT248440200500	KT248440210500	5	6	68	24	4
KT248440200550	KT248440210550	5.5	6	68	24	4
KT248440200600	KT248440210600	6	6	68	24	4
KT248440200700	KT248440210700	7	10	80	30	4
KT248440200800	KT248440210800	8	10	88	38	4
KT248440200900	KT248440210900	9	10	88	38	4
KT248440201000	KT248440211000	10	10	95	45	4
KT248440201100	KT248440211100	11	12	102	45	4
KT248440201200	KT248440211200	12	12	110	53	4
KT248440201300	KT248440211300	13	12	110	53	4
KT248440201400	KT248440211400	14	12	110	53	4
KT248440201500	KT248440211500	15	12	110	53	4
KT248440201600	KT248440211600	16	16	123	63	4
KT248440201800	KT248440211800	18	16	123	63	4
KT248440202000	KT248440212000	20	20	141	75	4
KT248440202200	KT248440212200	22	20	141	75	5
KT248440202400	KT248440212400	24	25	166	90	5
KT248440202500	KT248440212500	25	25	166	90	5
KT248440202600	KT248440212600	26	25	166	90	5
KT248440202800	KT248440212800	28	25	166	90	5
KT248440203000	KT248440213000	30	25	166	90	5
KT248440203200	KT248440213200	32	32	186	106	6
KT248440203600	KT248440213600	36	32	186	106	6
KT248440204000	KT248440214000	40	40	217	125	6

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Universal mill for machining materials with a tensile strength of up to 900 MPa.

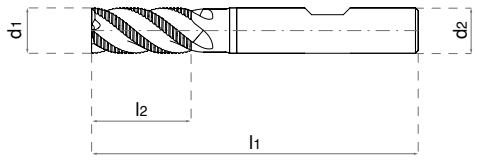
+Blank | +TiAlN

HSS-Co8 | DIN 844 | Z 3/6

N | WEL | RH

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l1	l2	z
No coating	TiAlN coating					
KT248440300600	KT248440310600	6	6	57	13	4
KT248440300700	KT248440310700	7	10	66	16	4
KT248440300800	KT248440310800	8	10	69	19	4
KT248440300900	KT248440310900	9	10	69	19	4
KT248440301000	KT248440311000	10	10	72	22	4
KT248440301100	KT248440311100	11	12	79	22	4
KT248440301200	KT248440311200	12	12	83	26	4
KT248440301300	KT248440311300	13	12	83	26	4
KT248440301400	KT248440311400	14	12	83	26	4
KT248440301500	KT248440311500	15	12	83	26	4
KT248440301600	KT248440311600	16	16	92	32	4
KT248440301700	KT248440311700	17	16	92	32	4
KT248440301800	KT248440311800	18	16	92	32	4
KT248440301900	KT248440311900	19	16	92	32	4
KT248440302000	KT248440312000	20	20	104	38	4
KT248440302100	KT248440312100	21	20	104	38	4
KT248440302200	KT248440312200	22	20	104	38	5
KT248440302400	KT248440312400	24	25	121	45	5
KT248440302500	KT248440312500	25	25	121	45	5
KT248440302600	KT248440312600	26	25	121	45	5
KT248440302800	KT248440312800	28	25	121	45	5
KT248440303000	KT248440313000	30	25	121	45	5
KT248440303200	KT248440313200	32	32	133	53	6
KT248440303600	KT248440313600	36	32	133	53	6
KT248440304000	KT248440314000	40.0*	32	143	63	6

* ~ DIN 844

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Mill with chip-breaking geometry for rough machining of materials with a tensile strength of up to 700 MPa. Roughness after machining Ra 12.5 or more.

ExpertCut

KT24844030

KT24844031

High Perfomance

+Blank | +TiAlN

HSS-Co8 | DIN 844 | Z 4/6

NR | WEL | RH

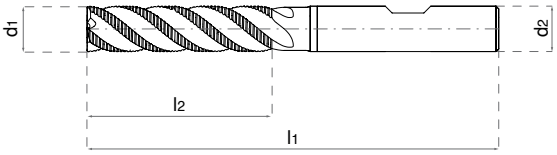
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24844040
KT24844041

High Perfomance



Code		d1	d2	l1	l2	z
No coating	TiAlN coating					
KT248440400600	KT248440410600	6	6	68	24	4
KT248440400700	KT248440410700	7	10	80	30	4
KT248440400800	KT248440410800	8	10	88	38	4
KT248440400900	KT248440410900	9	10	88	38	4
KT248440401000	KT248440411000	10	10	95	45	4
KT248440401100	KT248440411100	11	12	102	45	4
KT248440401200	KT248440411200	12	12	110	53	4
KT248440401400	KT248440411400	14	12	110	53	4
KT248440401500	KT248440411500	15	12	110	53	4
KT248440401600	KT248440411600	16	16	123	63	4
KT248440401800	KT248440411800	18	16	123	63	4
KT248440402000	KT248440412000	20	20	141	75	4
KT248440402200	KT248440412200	22	20	141	75	5
KT248440402400	KT248440412400	24	25	166	90	5
KT248440402500	KT248440412500	25	25	166	90	5
KT248440402600	KT248440412600	26	25	166	90	5
KT248440402800	KT248440412800	28	25	166	90	5
KT248440403000	KT248440413000	30	25	166	90	5
KT248440403200	KT248440413200	32	32	186	106	6
KT248440403600	KT248440413600	36	32	186	106	6
KT248440404000	KT248440414000	40.0*	32	205	125	6

* ~ DIN 844

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Mill with chip-breaking geometry for rough machining of materials with a tensile strength of up to 700 MPa. Roughness after machining Ra 12.5 or more.

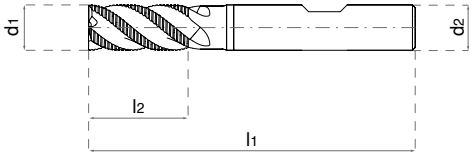
+Blank | +TiAlN

HSS-Co8 | DIN 844 | Z 4/6

NR | WEL | RH

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code		d1	d2	l1	l2	z
No coating	TiAlN coating					
KT248440500600	KT248440510600	6	6	57	13	4
KT248440500700	KT248440510700	7	10	66	16	4
KT248440500800	KT248440510800	8	10	69	19	4
KT248440500900	KT248440510900	9	10	69	19	4
KT248440501000	KT248440511000	10	10	72	22	4
KT248440501100	KT248440511100	11	12	79	22	4
KT248440501200	KT248440511200	12	12	83	26	4
KT248440501300	KT248440511300	13	12	83	26	4
KT248440501400	KT248440511400	14	12	83	26	4
KT248440501500	KT248440511500	15	12	83	26	4
KT248440501600	KT248440511600	16	16	92	32	4
KT248440501700	KT248440511700	17	16	92	32	4
KT248440501800	KT248440511800	18	16	92	32	4
KT248440502000	KT248440512000	20	20	104	38	4
KT248440502200	KT248440512200	22	20	104	38	5
KT248440502400	KT248440512400	24	25	121	45	5
KT248440502500	KT248440512500	25	25	121	45	5
KT248440502600	KT248440512600	26	25	121	45	5
KT248440502800	KT248440512800	28	25	121	45	5
KT248440503000	KT248440513000	30	25	121	45	5
KT248440503200	KT248440513200	32	32	133	53	6

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Mill with chip-breaking geometry for rough machining of materials with a tensile strength of up to 1200 MPa. Roughness after machining Ra 6.3 or more.

+Blank | +TiAlN

HSS-Co8 | DIN 844 | Z 4/6

HR | WEL | RH

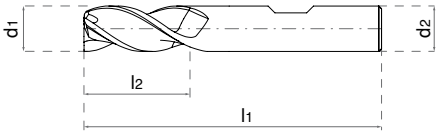
Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24844060

High Perfomance



Code No coating	d1	d2	l1	l2	z
KT248440600200	2	6	51	7	3
KT248440600300	3	6	52	8	3
KT248440600400	4	6	55	11	3
KT248440600450	4.5	6	55	11	3
KT248440600500	5	6	57	13	3
KT248440600600	6	6	57	13	3
KT248440600700	7	10	66	16	3
KT248440600800	8	10	69	19	3

Code No coating	d1	d2	l1	l2	z
KT248440600900	9	10	69	19	3
KT248440601000	10	10	72	22	3
KT248440601200	12	12	83	26	3
KT248440601400	14	12	83	26	3
KT248440601500	15	12	83	26	3
KT248440601600	16	16	92	32	3
KT248440601800	18	16	92	32	3
KT248440602000	20	20	104	38	3

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

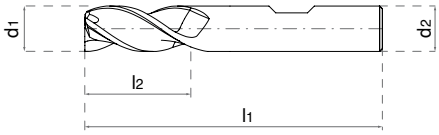
Mill for machining Group N materials.

+Blank

HSS-Co8	DIN 844	Z 3
W	WEL	RH

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code AlTiN coating	d1	d2	l1	l2	z
KT248440710200	2	6	51	7	4
KT248440710300	3	6	52	8	4
KT248440710400	4	6	55	11	4
KT248440710500	5	6	57	13	4
KT248440710600	6	6	57	13	4
KT248440710800	8	10	69	19	4
KT248440711000	10	10	72	22	4

Code AlTiN coating	d1	d2	l1	l2	z
KT248440711200	12	12	83	26	4
KT248440711400	14	12	83	26	4
KT248440711600	16	16	92	32	4
KT248440711800	18	16	92	32	4
KT248440712000	20	20	104	38	4
KT248440712500	25	25	121	45	5
KT248440713000	30	25	121	45	5

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Mill made of powdered high-speed steel (HSS PM). Recommended for use on titanium alloys.

+AlTin

HSS-Co PM	DIN 844	Z 4/5
N	WEL	RH

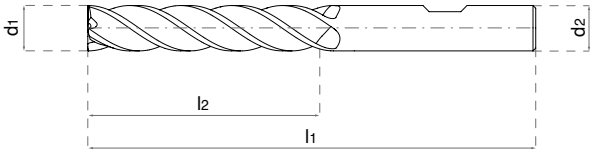
Steel	◑
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT24844081

High Perfomance



Code AlTiN coating	d1	d2	l1	l2	z
KT248440810300	3	6	56	12	4
KT248440810600	6	6	68	24	4
KT248440810800	8	10	88	38	4
KT248440811000	10	10	95	45	4
KT248440811200	12	12	110	53	4

Code AlTiN coating	d1	d2	l1	l2	z
KT248440811400	14	12	110	53	4
KT248440811600	16	16	123	63	4
KT248440811800	18	16	123	63	4
KT248440812000	20	20	141	75	4
KT248440813200	32	32	186	106	6

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

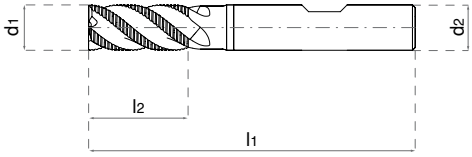
Mill made of powdered high-speed steel (HSS PM). Recommended for use on titanium alloys.

+AlTin

HSS-Co PM	DIN 844	Z 4/6
N	WEL	RH

Steel	◑
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended



Code AlTiN coating	d1	d2	l1	l2	z
KT248440910600	6	6	57	13	4
KT248440910700	7	10	66	16	4
KT248440910800	8	10	69	19	4
KT248440910900	9	10	69	19	4
KT248440911000	10	10	72	22	4
KT248440911200	12	12	83	26	4
KT248440911400	14	12	83	26	4

Code AlTiN coating	d1	d2	l1	l2	z
KT248440911600	16	16	92	32	4
KT248440911800	18	16	92	32	4
KT248440912000	20	20	104	38	4
KT248440912200	22	20	104	38	5
KT248440912500	25	25	121	45	5
KT248440913000	30	25	121	45	5

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Mill made of powdered high-speed steel (HSS PM). Recommended for use in rough machining of titanium alloys.

High Perfomance

+AlTin

HSS-Co PM | DIN 844 | Z 4/5

HR | WEL | RH

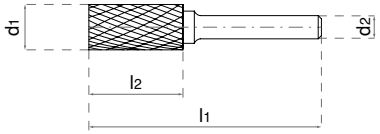
Steel	◑
Stainless Steel	◑
Steel with hardness ≤45 HRC	◑
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT271001

High Perfomance



Code	d1	d2	l1	l2
KT2710010300	**3**	**3**	38	14
KT2710010600	**6**	**6**	56	16
KT2710010800	**8**	**6**	60	20

Code	d1	d2	l1	l2
KT2710011000	**10**	**6**	60	20
KT2710011200	**12**	**6**	65	25
KT2710011600	**16**	**6**	65	25

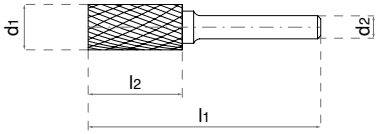
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | A | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2710020300	3	3	38	14
KT2710020600	6	6	56	16
KT2710020800	8	6	60	20

Code	d1	d2	l1	l2
KT2710021000	10	6	60	20
KT2710021200	12	6	65	25
KT2710021600	16	6	65	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT271002

High Perfomance

HM | B | CYL

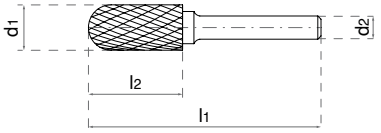
Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT271003

High Perfomance



Code	d1	d2	l1	l2
KT2710030300	3	3	38	14
KT2710030600	6	6	56	16
KT2710030800	8	6	60	20

Code	d1	d2	l1	l2
KT2710031000	10	6	60	20
KT2710031200	12	6	65	25
KT2710031600	16	6	65	25

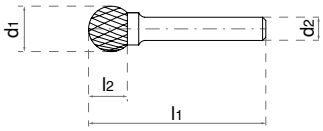
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | C | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2710050300	3	3	40	3
KT2710050600	6	6	45	5
KT2710050800	8	6	47	7

Code	d1	d2	l1	l2
KT2710051000	10	6	49	9
KT2710051200	12	6	50	10
KT2710051600	16	6	54	14

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT271005

High Perfomance

HM | D | CYL

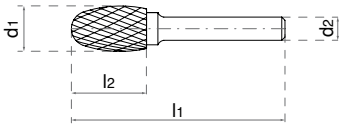
Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT271006

High Perfomance



Code	d1	d2	l1	l2
KT2710060300	3	3	38	6
KT2710060600	6	6	50	10
KT2710060800	8	6	53	13

Code	d1	d2	l1	l2
KT2710061000	10	6	56	16
KT2710061200	12	6	60	20
KT2710061600	16	6	70	25

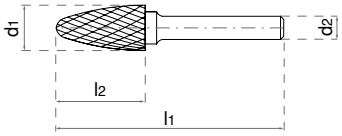
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | E | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2710070300	3	3	38	14
KT2710070600	6	6	58	18
KT2710070800	8	6	60	20

Code	d1	d2	l1	l2
KT2710071000	10	6	60	20
KT2710071200	12	6	65	25
KT2710071600	16	6	65	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT271007

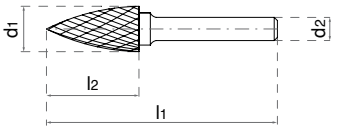
High Perfomance

HM | F | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

High Perfomance



Code	d1	d2	l1	l2
KT2710080300	**3**	**3**	38	15
KT2710080600	**6**	**6**	58	18
KT2710080800	**8**	**6**	60	20

Code	d1	d2	l1	l2
KT2710081000	**10**	**6**	60	20
KT2710081200	**12**	**6**	65	25
KT2710081600	**16**	**6**	65	25

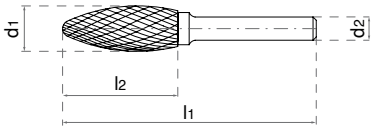
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | G | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2710100300	**3**	**3**	38	6
KT2710100600	**6**	**6**	58	18
KT2710100800	**8**	**6**	60	20

Code	d1	d2	l1	l2
KT2710101000	**10**	**6**	65	25
KT2710101200	**12**	**6**	72	32
KT2710101600	**16**	**6**	82	36

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT271010

High Perfomance

HM | H | CYL

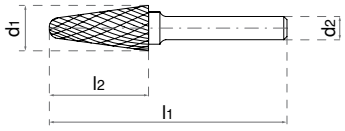
Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT271011

High Perfomance



Code	d1	d2	l1	l2
KT2710110300	3	3	54	14
KT2710110600	6	6	56	16
KT2710110800	8	6	62	22

Code	d1	d2	l1	l2
KT2710111000	10	6	65	25
KT2710111200	12	6	68	28
KT2710111600	16	6	73	33

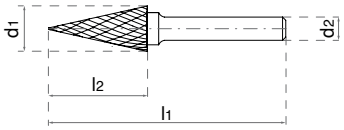
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | L | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2710120300	3	3	38	12
KT2710120600	6	6	58	18
KT2710120800	8	6	58	18

Code	d1	d2	l1	l2
KT2710121000	10	6	60	20
KT2710121200	12	6	65	25
KT2710121600	16	6	65	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT271012

High Perfomance

HM | M | CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT271070

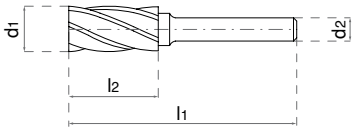
High Perfomance

Code	Description
KT2710707010	10 pcs in plastic package: Form A, C, F, G: D10 mm, D12 mm, Form D/M: D12 mm
KT2710707506	5 pcs in plastic package: Form B, C, D, F, G: D6 mm
KT2710707508	5 pcs in plastic package: Form B, C, D, F, G: D8 mm
KT2710707510	5 pcs in plastic package: Form B, C, D, F, G: D10 mm
KT2710707512	5 pcs in plastic package: Form B, C, D, F, G: D12 mm

A	B	C
D	F	G
M	HM	CYL

Steel	◑
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2720010300	3	3	38	12
KT2720010600	6	6	58	18
KT2720010800	8	6	58	18

Code	d1	d2	l1	l2
KT2720011000	10	6	60	20
KT2720011200	12	6	65	25
KT2720011600	16	6	65	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT272001

High Perfomance

HM | A | CYL

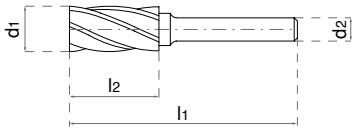
Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT272002

High Perfomance



Code	d1	d2	l1	l2
KT2720020300	3	3	38	14
KT2720020600	6	6	56	16
KT2720020800	8	6	58	18

Code	d1	d2	l1	l2
KT2720021000	10	6	60	20
KT2720021200	12	6	65	25
KT2720021600	16	6	65	25

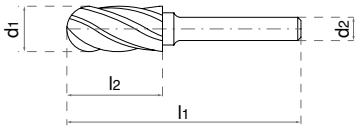
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | B | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2720030300	3	3	38	14
KT2720030600	6	6	56	16
KT2720030800	8	6	58	18

Code	d1	d2	l1	l2
KT2720031000	10	6	60	20
KT2720031200	12	6	65	25
KT2720031600	16	6	65	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT272003

High Perfomance

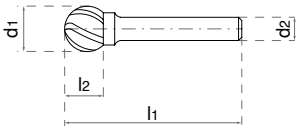
HM | C | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

KT272005

High Perfomance



Code	d1	d2	l1	l2
KT2720050300	3	3	40	3
KT2720050600	6	6	56	5
KT2720050800	8	6	47	7

Code	d1	d2	l1	l2
KT2720051000	10	6	49	9
KT2720051200	12	6	51	11
KT2720051600	16	6	54	15

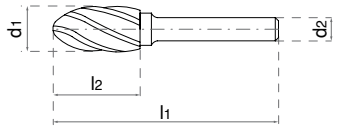
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | D | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2720060300	3	3	38	6
KT2720060600	6	6	50	10
KT2720060800	8	6	60	15

Code	d1	d2	l1	l2
KT2720061000	10	6	60	16
KT2720061200	12	6	67	22
KT2720061600	16	6	70	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT272006

High Perfomance

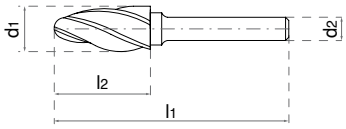
HM | E | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

KT272007

High Perfomance



Code	d1	d2	l1	l2
KT2720070300	3	3	38	14
KT2720070600	6	6	56	16
KT2720070800	8	6	58	18

Code	d1	d2	l1	l2
KT2720071000	10	6	60	20
KT2720071200	12	6	65	25
KT2720071600	16	6	70	25

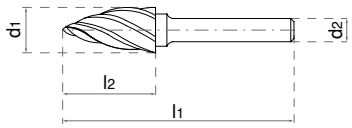
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | F | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2720080300	3	3	38	14
KT2720080600	6	6	56	16
KT2720080800	8	6	58	18

Code	d1	d2	l1	l2
KT2720081000	10	6	60	20
KT2720081200	12	6	65	25
KT2720081600	16	6	70	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT272008

High Perfomance

HM | G | CYL

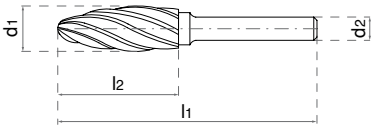
Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

ExpertCut

KT272010

High Perfomance



Code	d1	d2	l1	l2
KT2720100300	3	3	38	6
KT2720100600	6	6	56	16
KT2720100800	8	6	65	19

Code	d1	d2	l1	l2
KT2720101000	10	6	72	32
KT2720101200	12	6	67	22
KT2720101600	16	6	82	36

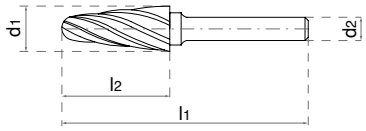
Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | H | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended



Code	d1	d2	l1	l2
KT2720110300	3	3	38	14
KT2720110600	6	6	56	16
KT2720110800	8	6	62	22

Code	d1	d2	l1	l2
KT2720111000	10	6	65	22
KT2720111200	12	6	68	28
KT2720111600	16	6	77	32

Packaging and minimum order

D	Quantity
all dimensions	1 pc

ExpertCut

KT272011

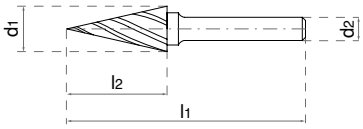
High Perfomance

HM | L | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

High Perfomance



Code	d1	d2	l1	l2
KT2720120300	3	3	38	12
KT2720120600	6	6	56	16
KT2720120800	8	6	58	18

Code	d1	d2	l1	l2
KT2720121000	10	6	60	20
KT2720121200	12	6	65	25
KT2720121600	16	6	70	25

Packaging and minimum order

D	Quantity
all dimensions	1 pc

HM | M | CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

Code	Description
KT2720707506	5 pcs in plastic package: Form B, C, D, F, G: D6 mm
KT2720707508	5 pcs in plastic package: Form B, C, D, F, G: D8 mm
KT2720707510	5 pcs in plastic package: Form B, C, D, F, G: D10 mm
KT2720707512	5 pcs in plastic package: Form B, C, D, F, G: D12 mm

D B C
F G M
HM CYL

Steel	○
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	●

● Recommended ◑ Acceptable ○ Not recommended

2023

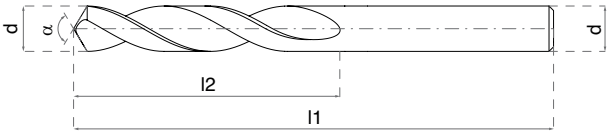
HSS-CUT+ Catalog

EasyCut

The EasyCut series of tools is designed primarily for use on hand-held equipment. Thanks to optimized production technology, the EasyCut series cutting tools offer excellent value for money.

EasyCut

KT33380



Code VAP coating	d	l1	l2
KT333800050	0.5	22	6
KT333800060	0.6	24	7
KT333800070	0.7	28	9
KT333800075	0.75	28	9
KT333800080	0.8	30	10
KT333800090	0.9	32	11
KT333800100	1	34	12
KT333800110	1.1	36	14
KT333800120	1.2	38	16
KT333800125	1.25	38	16
KT333800130	1.3	38	16
KT333800140	1.4	40	18
KT333800150	1.5	40	18
KT333800160	1.6	43	20
KT333800170	1.7	43	20
KT333800175	1.75	46	22
KT333800180	1.8	46	22
KT333800190	1.9	46	22
KT333800200	2	49	24
KT333800210	2.1	49	24
KT333800220	2.2	53	27
KT333800225	2.25	53	27
KT333800230	2.3	53	27
KT333800240	2.4	57	30
KT333800250	2.5	57	30
KT333800260	2.6	57	30
KT333800270	2.7	61	33
KT333800275	2.75	61	33
KT333800280	2.8	61	33
KT333800290	2.9	61	33
KT333800300	3	61	33
KT333800310	3.1	65	36
KT333800320	3.2	65	36
KT333800325	3.25	65	36
KT333800330	3.3	65	36
KT333800340	3.4	70	39
KT333800350	3.5	70	39
KT333800360	3.6	70	39
KT333800370	3.7	70	39
KT333800375	3.75	70	39
KT333800380	3.8	75	43
KT333800390	3.9	75	43
KT333800400	4	75	43
KT333800410	4.1	75	43
KT333800420	4.2	75	43
KT333800425	4.25	75	43
KT333800430	4.3	80	47
KT333800440	4.4	80	47

Code VAP coating	d	l1	l2
KT333800450	4.5	80	47
KT333800460	4.6	80	47
KT333800470	4.7	80	47
KT333800475	4.75	80	47
KT333800480	4.8	86	52
KT333800490	4.9	86	52
KT333800500	5	86	52
KT333800510	5.1	86	52
KT333800520	5.2	86	52
KT333800525	5.25	86	52
KT333800530	5.3	86	52
KT333800540	5.4	93	57
KT333800550	5.5	93	57
KT333800560	5.6	93	57
KT333800570	5.7	93	57
KT333800575	5.75	93	57
KT333800580	5.8	93	57
KT333800590	5.9	93	57
KT333800600	6	93	57
KT333800610	6.1	101	63
KT333800620	6.2	101	63
KT333800625	6.25	101	63
KT333800630	6.3	101	63
KT333800640	6.4	101	63
KT333800650	6.5	101	63
KT333800660	6.6	101	63
KT333800670	6.7	101	63
KT333800675	6.75	109	69
KT333800680	6.8	109	69
KT333800690	6.9	109	69
KT333800700	7	109	69
KT333800710	7.1	109	69
KT333800720	7.2	109	69
KT333800725	7.25	109	69
KT333800730	7.3	109	69
KT333800740	7.4	109	69
KT333800750	7.5	109	69
KT333800760	7.6	117	75
KT333800770	7.7	117	75
KT333800775	7.75	117	75
KT333800780	7.8	117	75
KT333800790	7.9	117	75
KT333800800	8	117	75
KT333800810	8.1	117	75
KT333800820	8.2	117	75
KT333800825	8.25	117	75
KT333800830	8.3	117	75
KT333800840	8.4	117	75

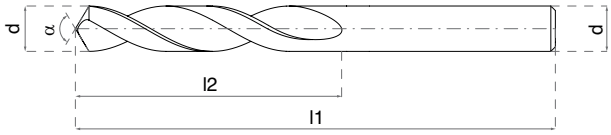
+VAP

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | N | α 118° | CYL



KT33380

Code VAP coating	d	l1	l2
KT333800850	8.5	117	75
KT333800860	8.6	125	81
KT333800870	8.7	125	81
KT333800875	8.75	125	81
KT333800880	8.8	125	81
KT333800890	8.9	125	81
KT333800900	9	125	81
KT333800910	9.1	125	81
KT333800920	9.2	125	81
KT333800925	9.25	125	81
KT333800930	9.3	125	81
KT333800940	9.4	125	81
KT333800950	9.5	125	81
KT333800960	9.6	133	87
KT333800970	9.7	133	87
KT333800975	9.75	133	87
KT333800980	9.8	133	87
KT333800990	9.9	133	87
KT333801000	10	133	87
KT333801010	10.1	133	87
KT333801020	10.2	133	87
KT333801025	10.25	133	87
KT333801030	10.3	133	87
KT333801040	10.4	133	87
KT333801050	10.5	133	87
KT333801060	10.6	142	94
KT333801070	10.7	142	94
KT333801075	10.75	142	94
KT333801080	10.8	142	94
KT333801090	10.9	142	94
KT333801100	11	142	94
KT333801110	11.1	142	94
KT333801120	11.2	142	94
KT333801125	11.25	142	94
KT333801130	11.3	142	94

Code VAP coating	d	l1	l2
KT333801140	11.4	142	94
KT333801150	11.5	142	94
KT333801160	11.6	142	94
KT333801170	11.7	142	94
KT333801175	11.75	142	94
KT333801180	11.8	142	94
KT333801190	11.9	151	101
KT333801200	12	151	101
KT333801210	12.1	151	101
KT333801220	12.2	151	101
KT333801225	12.25	151	101
KT333801230	12.3	151	101
KT333801240	12.4	151	101
KT333801250	12.5	151	101
KT333801260	12.6	151	101
KT333801270	12.7	151	101
KT333801275	12.75	151	101
KT333801280	12.8	151	101
KT333801290	12.9	151	101
KT333801300	13	151	101
KT333801350	13.5	160	108
KT333801400	14	160	108
KT333801450	14.5	169	114
KT333801500	15	169	114
KT333801550	15.5	178	120
KT333801600	16	178	120
KT333801650	16.5	184	125
KT333801700	17	184	125
KT333801750	17.5	191	130
KT333801800	18	191	130
KT333801850	18.5	198	135
KT333801900	19	198	135
KT333801950	19.5	205	140
KT333802000	20	205	140

Packaging and minimum order

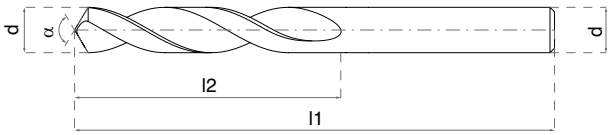
D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.

EasyCut

KT33380



Code	Description
KT333802019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333802025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333804019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333804025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333807019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333807025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333807024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333807050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333807041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333807091	In box, 91 pcs, Ø1.0-10.0, increment 0.1 mm
KT333807055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT333807170	In a plastic case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter
KT333809019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333809025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333809024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333809050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333809041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333809170	In a case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter
KT333809230	In a case, 230 pcs, Ø1.0-8.5, increment 0.5 mm, + Ø3.2 + Ø4.2 + Ø10, 10 pcs of each diameter + drills Ø10.5-13.0, increment 0.5 mm, + Ø9.0 + Ø9.5, 5 pcs of each diameter

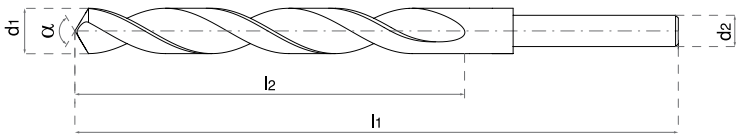
+VAP

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut KT33308 KT33310 KT33313



Code VAP coating	d1	d2	l1	l2
KT333080850	8.5	8	117	75
KT333080900	9	8	125	81
KT333080950	9.5	8	125	81
KT333081000	10	8	133	87
KT333081050	10.5	8	133	87

Code VAP coating	d1	d2	l1	l2
KT333081100	11	8	142	94
KT333081150	11.5	8	142	94
KT333081200	12	8	151	101
KT333081250	12.5	8	151	101
KT333081300	13	8	151	101

Code VAP coating	d1	d2	l1	l2
KT333101050	10.5	10	133	87
KT333101100	11	10	142	94
KT333101150	11.5	10	142	94
KT333101200	12	10	151	101
KT333101250	12.5	10	151	101
KT333101300	13	10	151	101
KT333101350	13.5	10	160	108
KT333101400	14	10	160	108
KT333101450	14.5	10	169	114
KT333101500	15	10	169	114

Code VAP coating	d1	d2	l1	l2
KT333101550	15.5	10	178	120
KT333101600	16	10	178	120
KT333101650	16.5	10	184	125
KT333101700	17	10	184	125
KT333101750	17.5	10	191	130
KT333101800	18	10	191	130
KT333101850	18.5	10	198	135
KT333101900	19	10	198	135
KT333101950	19.5	10	205	140
KT333102000	20	10	205	140

Code VAP coating	d1	d2	l1	l2
KT333131350	13.5	13	160	108
KT333131400	14	13	160	108
KT333131450	14.5	13	169	114
KT333131500	15	13	169	114
KT333131550	15.5	13	178	120
KT333131600	16	13	178	120
KT333131650	16.5	13	184	125
KT333131700	17	13	184	125
KT333131750	17.5	13	191	130
KT333131800	18	13	191	130
KT333131850	18.5	13	198	135
KT333131900	19	13	198	135
KT333131950	19.5	13	205	140
KT333132000	20	13	205	140
KT333132050	20.5	13	205	145

Code VAP coating	d1	d2	l1	l2
KT333132100	21	13	205	145
KT333132150	21.5	13	210	150
KT333132200	22	13	210	150
KT333132250	22.5	13	215	155
KT333132300	23	13	215	155
KT333132350	23.5	13	215	155
KT333132400	24	13	220	160
KT333132450	24.5	13	220	160
KT333132500	25	13	220	160
KT333132600	26	13	235	165
KT333132700	27	13	235	170
KT333132800	28	13	235	170
KT333132900	29	13	240	175
KT333133000	30	13	240	175

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Specially designed for use in hand-held drilling machines, for drilling sheet materials: steel, non-ferrous materials, plastic, which are used in the automotive industry and in general mechanical engineering.

+VAP

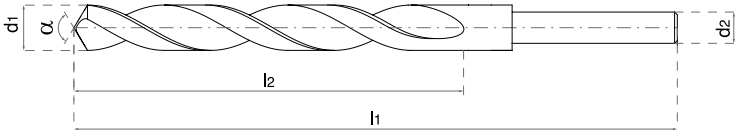
HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○ ◑
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33314



Code No coating	d1	d2	l1	l2
KT333141350	**13.5**	**13**	160	108
KT333141400	**14**	**13**	160	108
KT333141450	**14.5**	**13**	169	114
KT333141500	**15**	**13**	169	114
KT333141550	**15.5**	**13**	178	120
KT333141600	**16**	**13**	178	120
KT333141650	**16.5**	**13**	184	125

Code No coating	d1	d2	l1	l2
KT333141700	**17**	**13**	184	125
KT333141750	**17.5**	**13**	191	130
KT333141800	**18**	**13**	191	130
KT333141850	**18.5**	**13**	198	135
KT333141900	**19**	**13**	198	135
KT333141950	**19.5**	**13**	205	140
KT333142000	**20**	**13**	205	140

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

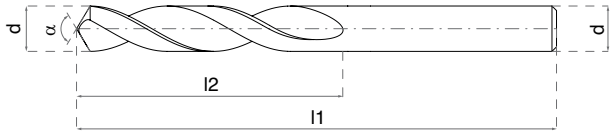
Specially designed for use in hand-held drilling machines, for drilling sheet materials: steel, non-ferrous materials, plastic, which are used in the automotive industry and in general mechanical engineering. The drill is ground using split point technology, which enables self-centering drilling.

+Blank

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○ ◑
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	d	l1	l2
KT333820100	1	34	12
KT333820110	1.1	36	14
KT333820120	1.2	38	16
KT333820130	1.3	38	16
KT333820140	1.4	40	18
KT333820150	1.5	40	18
KT333820160	1.6	43	20
KT333820170	1.7	43	20
KT333820180	1.8	46	22
KT333820190	1.9	46	22
KT333820200	2	49	24
KT333820210	2.1	49	24
KT333820220	2.2	53	27
KT333820230	2.3	53	27
KT333820240	2.4	57	30
KT333820250	2.5	57	30
KT333820260	2.6	57	30
KT333820270	2.7	61	33
KT333820280	2.8	61	33
KT333820290	2.9	61	33
KT333820300	3	61	33
KT333820310	3.1	65	36
KT333820320	3.2	65	36
KT333820330	3.3	65	36
KT333820340	3.4	70	39
KT333820350	3.5	70	39
KT333820360	3.6	70	39
KT333820370	3.7	70	39
KT333820380	3.8	75	43
KT333820390	3.9	75	43
KT333820400	4	75	43
KT333820410	4.1	75	43
KT333820420	4.2	75	43
KT333820430	4.3	80	47
KT333820440	4.4	80	47
KT333820450	4.5	80	47
KT333820460	4.6	80	47
KT333820470	4.7	80	47
KT333820480	4.8	86	52
KT333820490	4.9	86	52

Code No coating	d	l1	l2
KT333820500	5	86	52
KT333820510	5.1	86	52
KT333820520	5.2	86	52
KT333820530	5.3	86	52
KT333820540	5.4	93	57
KT333820550	5.5	93	57
KT333820560	5.6	93	57
KT333820570	5.7	93	57
KT333820580	5.8	93	57
KT333820590	5.9	93	57
KT333820600	6	93	57
KT333820610	6.1	101	63
KT333820620	6.2	101	63
KT333820630	6.3	101	63
KT333820640	6.4	101	63
KT333820650	6.5	101	63
KT333820660	6.6	101	63
KT333820670	6.7	101	63
KT333820680	6.8	109	69
KT333820690	6.9	109	69
KT333820700	7	109	69
KT333820710	7.1	109	69
KT333820720	7.2	109	69
KT333820730	7.3	109	69
KT333820740	7.4	109	69
KT333820750	7.5	109	69
KT333820760	7.6	117	75
KT333820770	7.7	117	75
KT333820780	7.8	117	75
KT333820790	7.9	117	75
KT333820800	8	117	75
KT333820810	8.1	117	75
KT333820820	8.2	117	75
KT333820830	8.3	117	75
KT333820840	8.4	117	75
KT333820850	8.5	117	75
KT333820860	8.6	125	81
KT333820870	8.7	125	81
KT333820880	8.8	125	81
KT333820890	8.9	125	81

EasyCut

KT33382

+Blank

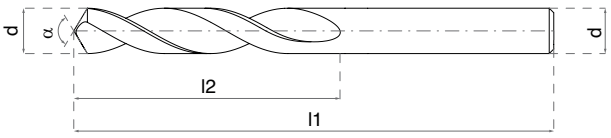
HSS-GP	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS-GP | DIN 338 | RH | N | α 118° | CYL

KT33382



Code No coating	d	l1	l2
KT333820900	**9**	125	81
KT333820910	**9.1**	125	81
KT333820920	**9.2**	125	81
KT333820930	**9.3**	125	81
KT333820940	**9.4**	125	81
KT333820950	**9.5**	125	81
KT333820960	**9.6**	133	87
KT333820970	**9.7**	133	87
KT333820980	**9.8**	133	87

Code No coating	d	l1	l2
KT333820990	**9.9**	133	87
KT333821000	**10**	133	87
KT333821020	**10.2**	133	87
KT333821050	**10.5**	133	87
KT333821100	**11**	142	94
KT333821150	**11.5**	142	94
KT333821200	**12**	151	101
KT333821250	**12.5**	151	101
KT333821300	**13**	151	101

Packaging and minimum order

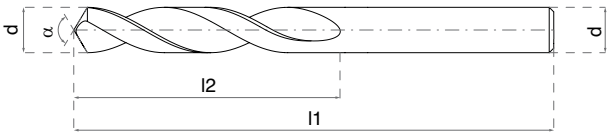
D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite. The drill is ground using split point technology, which enables self-centering drilling.

EasyCut

KT33382



Code	Description
KT333827019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333827025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333827024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333827055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT333827170	In a case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter
KT333829019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333829025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333829024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333829230	In a case, 230 pcs, Ø1.0-8.5, increment 0.5 mm, + Ø3.2 + Ø4.2 + Ø10, 10 pcs of each diameter + drills Ø10.5-13.0, increment 0.5 mm, + Ø9.0 + Ø9.5, 5 pcs of each diameter

+Blank

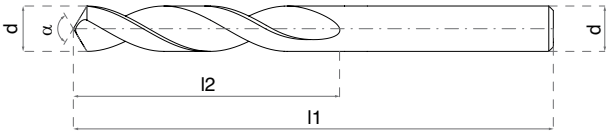
HSS-GP	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33381



Code No coating	d	l1	l2
KT333810020	0.2	19	2.5
KT333810025	0.25	19	3
KT333810030	0.3	19	3
KT333810035	0.35	19	4
KT333810038	0.38	19	4
KT333810040	0.4	20	5
KT333810045	0.45	20	5
KT333810050	0.5	22	6
KT333810052	0.52	22	6
KT333810055	0.55	24	7
KT333810058	0.58	24	7
KT333810060	0.6	24	7
KT333810065	0.65	26	8
KT333810070	0.7	28	9
KT333810075	0.75	28	9
KT333810078	0.78	30	10
KT333810080	0.8	30	10
KT333810082	0.82	30	10
KT333810085	0.85	30	10
KT333810090	0.9	32	11
KT333810095	0.95	32	11
KT333810100	1	34	12
KT333810105	1.05	34	12
KT333810110	1.1	36	14
KT333810115	1.15	36	14
KT333810120	1.2	38	16
KT333810125	1.25	38	16
KT333810130	1.3	38	16
KT333810135	1.35	40	18
KT333810140	1.4	40	18
KT333810145	1.45	40	18
KT333810150	1.5	40	18
KT333810155	1.55	43	20
KT333810160	1.6	43	20
KT333810165	1.65	43	20
KT333810170	1.7	43	20
KT333810175	1.75	46	22
KT333810180	1.8	46	22
KT333810185	1.85	46	22
KT333810190	1.9	46	22
KT333810195	1.95	49	24
KT333810200	2	49	24
KT333810210	2.1	49	24
KT333810220	2.2	53	27
KT333810225	2.25	53	27
KT333810230	2.3	53	27

Code No coating	d	l1	l2
KT333810240	2.4	57	30
KT333810250	2.5	57	30
KT333810260	2.6	57	30
KT333810270	2.7	61	33
KT333810275	2.75	61	33
KT333810280	2.8	61	33
KT333810290	2.9	61	33
KT333810300	3	61	33
KT333810310	3.1	65	36
KT333810320	3.2	65	36
KT333810325	3.25	65	36
KT333810330	3.3	65	36
KT333810340	3.4	70	39
KT333810350	3.5	70	39
KT333810360	3.6	70	39
KT333810370	3.7	70	39
KT333810375	3.75	70	39
KT333810380	3.8	75	43
KT333810390	3.9	75	43
KT333810400	4	75	43
KT333810410	4.1	75	43
KT333810420	4.2	75	43
KT333810425	4.25	75	43
KT333810430	4.3	80	47
KT333810440	4.4	80	47
KT333810450	4.5	80	47
KT333810460	4.6	80	47
KT333810470	4.7	80	47
KT333810475	4.75	80	47
KT333810480	4.8	86	52
KT333810490	4.9	86	52
KT333810500	5	86	52
KT333810510	5.1	86	52
KT333810520	5.2	86	52
KT333810525	5.25	86	52
KT333810530	5.3	86	52
KT333810540	5.4	93	57
KT333810550	5.5	93	57
KT333810560	5.6	93	57
KT333810570	5.7	93	57
KT333810575	5.75	93	57
KT333810580	5.8	93	57
KT333810590	5.9	93	57
KT333810600	6	93	57
KT333810610	6.1	101	63
KT333810620	6.2	101	63

+Blank

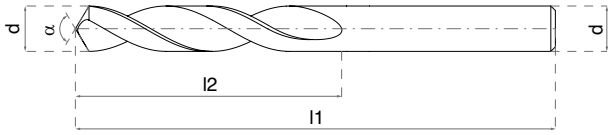
HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○ ● ◑
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | N | α 118° | CYL

KT33381



Code No coating	d	l1	l2
KT333810625	6.25	101	63
KT333810630	6.3	101	63
KT333810640	6.4	101	63
KT333810650	6.5	101	63
KT333810660	6.6	101	63
KT333810670	6.7	101	63
KT333810675	6.75	109	69
KT333810680	6.8	109	69
KT333810690	6.9	109	69
KT333810700	7	109	69
KT333810710	7.1	109	69
KT333810720	7.2	109	69
KT333810725	7.25	109	69
KT333810730	7.3	109	69
KT333810740	7.4	109	69
KT333810750	7.5	109	69
KT333810760	7.6	117	75
KT333810770	7.7	117	75
KT333810775	7.75	117	75
KT333810780	7.8	117	75
KT333810790	7.9	117	75
KT333810800	8	117	75
KT333810810	8.1	117	75
KT333810820	8.2	117	75
KT333810825	8.25	117	75
KT333810830	8.3	117	75
KT333810840	8.4	117	75
KT333810850	8.5	117	75
KT333810860	8.6	125	81
KT333810870	8.7	125	81
KT333810875	8.75	125	81
KT333810880	8.8	125	81
KT333810890	8.9	125	81
KT333810900	9	125	81
KT333810910	9.1	125	81

Code No coating	d	l1	l2
KT333810920	9.2	125	81
KT333810925	9.25	125	81
KT333810930	9.3	125	81
KT333810940	9.4	125	81
KT333810950	9.5	125	81
KT333810960	9.6	133	87
KT333810970	9.7	133	87
KT333810975	9.75	133	87
KT333810980	9.8	133	87
KT333810990	9.9	133	87
KT333811000	10	133	87
KT333811010	10.1	133	87
KT333811020	10.2	133	87
KT333811030	10.3	133	87
KT333811040	10.4	133	87
KT333811050	10.5	133	87
KT333811060	10.6	142	94
KT333811070	10.7	142	94
KT333811080	10.8	142	94
KT333811090	10.9	142	94
KT333811100	11	142	94
KT333811120	11.2	142	94
KT333811150	11.5	142	94
KT333811180	11.8	142	94
KT333811200	12	151	101
KT333811220	12.2	151	101
KT333811250	12.5	151	101
KT333811280	12.8	151	101
KT333811300	13	151	101
KT333811350	13.5	160	108
KT333811400	14	160	108
KT333811450	14.5	169	114
KT333811500	15	169	114
KT333811550	15.5	178	120
KT333811600	16	178	120

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

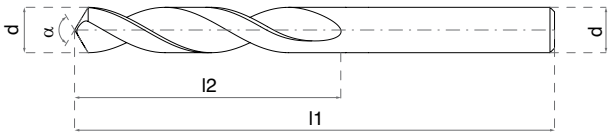
Recommendations for use:

Standard drill for drilling steels and cast irons, alloyed and non-alloyed materials, graphite.

EasyCut

KT33381

High Perfomance



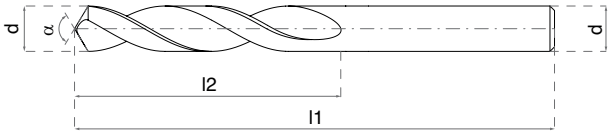
Code	Description
KT333817019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333817025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333817024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333817050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333817041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333819019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333819025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333819024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333819050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333819041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333819170	In a case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter

+Blank

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code TiN coating	d	l1	l2
KT333880100	1	34	12
KT333880150	1.5	40	18
KT333880200	2	49	24
KT333880250	2.5	57	30
KT333880300	3	61	33
KT333880310	3.1	65	36
KT333880320	3.2	65	36
KT333880330	3.3	65	36
KT333880350	3.5	70	39
KT333880400	4	75	43
KT333880410	4.1	75	43
KT333880420	4.2	75	43
KT333880450	4.5	80	47
KT333880490	4.9	80	47
KT333880500	5	86	52
KT333880510	5.1	86	52
KT333880520	5.2	86	52
KT333880550	5.5	93	57

Code TiN coating	d	l1	l2
KT333880600	6	93	57
KT333880650	6.5	101	63
KT333880680	6.8	109	69
KT333880700	7	109	69
KT333880750	7.5	109	69
KT333880800	8	117	75
KT333880850	8.5	117	75
KT333880900	9	125	81
KT333880950	9.5	125	81
KT333881000	10	133	87
KT333881020	10.2	133	87
KT333881050	10.5	133	87
KT333881100	11	142	94
KT333881150	11.5	142	94
KT333881200	12	151	101
KT333881250	12.5	151	101
KT333881300	13	151	101

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Standard drill with TiN coating for drilling steels and cast irons, alloyed and unalloyed materials, graphite.

EasyCut

KT33388

+TiN

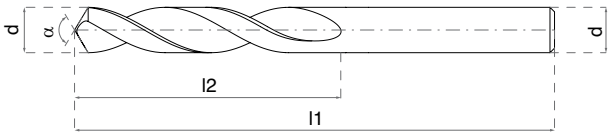
HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33388



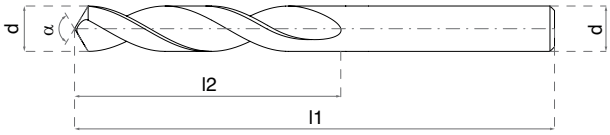
Code	Description
KT333882019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333882025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333887019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333887025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333887024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333889019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333889025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333889024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333889170	In a case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter

+TiN

HSS	DIN 338	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

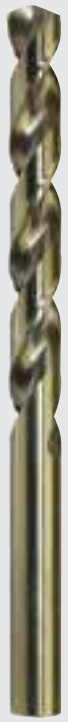


Code GF coating	d	l1	l2
KT333850100	1	34	12
KT333850110	1.1	36	14
KT333850120	1.2	38	16
KT333850130	1.3	38	16
KT333850140	1.4	40	18
KT333850150	1.5	40	18
KT333850160	1.6	43	20
KT333850170	1.7	43	20
KT333850180	1.8	46	22
KT333850190	1.9	46	22
KT333850200	2	49	24
KT333850210	2.1	49	24
KT333850220	2.2	53	27
KT333850230	2.3	53	27
KT333850240	2.4	57	30
KT333850250	2.5	57	30
KT333850260	2.6	57	30
KT333850270	2.7	61	33
KT333850280	2.8	61	33
KT333850290	2.9	61	33
KT333850300	3	61	33
KT333850310	3.1	65	36
KT333850320	3.2	65	36
KT333850330	3.3	65	36
KT333850340	3.4	70	39
KT333850350	3.5	70	39
KT333850360	3.6	70	39
KT333850370	3.7	70	39
KT333850380	3.8	75	43
KT333850390	3.9	75	43
KT333850400	4	75	43
KT333850410	4.1	75	43
KT333850420	4.2	75	43
KT333850430	4.3	80	47
KT333850440	4.4	80	47
KT333850450	4.5	80	47
KT333850460	4.6	80	47
KT333850470	4.7	80	47
KT333850480	4.8	86	52
KT333850490	4.9	86	52
KT333850500	5	86	52
KT333850510	5.1	86	52
KT333850520	5.2	86	52
KT333850530	5.3	86	52

Code GF coating	d	l1	l2
KT333850540	5.4	93	57
KT333850550	5.5	93	57
KT333850560	5.6	93	57
KT333850570	5.7	93	57
KT333850580	5.8	93	57
KT333850590	5.9	93	57
KT333850600	6	93	57
KT333850610	6.1	101	63
KT333850620	6.2	101	63
KT333850630	6.3	101	63
KT333850640	6.4	101	63
KT333850650	6.5	101	63
KT333850660	6.6	101	63
KT333850670	6.7	101	63
KT333850680	6.8	109	69
KT333850690	6.9	109	69
KT333850700	7	109	69
KT333850710	7.1	109	69
KT333850720	7.2	109	69
KT333850730	7.3	109	69
KT333850740	7.4	109	69
KT333850750	7.5	109	69
KT333850760	7.6	117	75
KT333850770	7.7	117	75
KT333850780	7.8	117	75
KT333850790	7.9	117	75
KT333850800	8	117	75
KT333850810	8.1	117	75
KT333850820	8.2	117	75
KT333850830	8.3	117	75
KT333850840	8.4	117	75
KT333850850	8.5	117	75
KT333850860	8.6	125	81
KT333850870	8.7	125	81
KT333850880	8.8	125	81
KT333850890	8.9	125	81
KT333850900	9	125	81
KT333850910	9.1	125	81
KT333850920	9.2	125	81
KT333850930	9.3	125	81
KT333850940	9.4	125	81
KT333850950	9.5	125	81
KT333850960	9.6	133	87
KT333850970	9.7	133	87

EasyCut

KT33385



+GF

HSS-Co5 | DIN 338 | RH

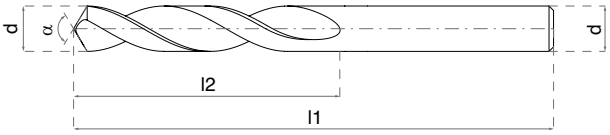
N | α 130° | CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 338 | RH | N | α 118° | CYL

KT33385



Code GF coating	d	l1	l2
KT333850980	**9.8**	133	87
KT333850990	**9.9**	133	87
KT333851000	**10**	133	87
KT333851020	**10.2**	133	87
KT333851050	**10.5**	133	87
KT333851100	**11**	142	94
KT333851150	**11.5**	142	94
KT333851200	**12**	151	101

Code GF coating	d	l1	l2
KT333851250	**12.5**	151	101
KT333851300	**13**	151	101
KT333851350	**13.5**	160	108
KT333851400	**14**	160	108
KT333851450	**14.5**	169	114
KT333851500	**15**	169	114
KT333851550	**15.5**	178	120
KT333851600	**16**	178	120

Packaging and minimum order

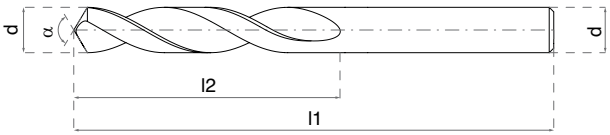
D	Quantity
up to Ø10.5	10 pcs
Ø10.6-15.5	5 pcs
from Ø16.0	1 pc

Recommendations for use:

Drill is suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm^2. Also suitable for machining heat-treated materials. The drill is ground using split point technology, which enables self-centering drilling.

EasyCut

KT33385



Code	Description
KT333852019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333852025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333854019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333854025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333857019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333857025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333857024	In box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333857050	In box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333857041	In box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333857091	In box, 91 pcs, Ø1.0-10.0, increment 0.1 mm
KT333857055	Pack DRILL-BOY, 91 pcs, Ø1.0-13.0 + drill bits 2.5 - 3.3 - 4.2 - 5.0 - 6.8 - 8.5 - 10.2 - 12.0 mm
KT333857170	In a plastic case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter
KT333859019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333859025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm
KT333859024	In metal box, 24 pcs, Ø1.0-10.5, increment 0.5 mm + drill bits 3.3 - 4.2 - 6.8 - 10.2 mm
KT333859050	In metal box, 50 pcs, Ø1.0-5.9, increment 0.1 mm
KT333859041	In metal box, 41 pcs, Ø6.0-10.0, increment 0.1 mm
KT333859170	In a case, 170 pcs, Ø1.0-8.0, increment 0.5 mm, 10 pcs of each diameter + drills Ø8.5-10.0, increment 0.5 mm, 5 pcs of each diameter
KT333859230	In a case, 230 pcs, Ø1.0-8.5, increment 0.5 mm, + Ø3.2 + Ø4.2 + Ø10, 10 pcs of each diameter + drills Ø10.5-13.0, increment 0.5 mm, + Ø9.0 + Ø9.5, 5 pcs of each diameter

+GF

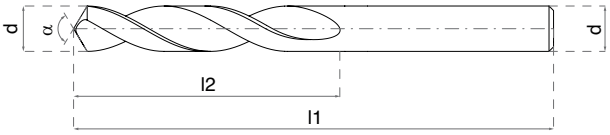
HSS-Co5	DIN 338	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT35338



Code No coating	d	l1	l2
KT353380300	3	61	33
KT353380320	3.2	65	36
KT353380330	3.3	65	36
KT353380350	3.5	70	39
KT353380380	3.8	75	43
KT353380400	4	75	43
KT353380410	4.1	75	43
KT353380420	4.2	75	43
KT353380450	4.5	80	47
KT353380480	4.8	86	52
KT353380490	4.9	86	52
KT353380500	5	86	52
KT353380510	5.1	86	52
KT353380520	5.2	86	52
KT353380550	5.5	93	57
KT353380600	6	93	57

Code No coating	d	l1	l2
KT353380650	6.5	101	63
KT353380680	6.8	109	69
KT353380700	7	109	69
KT353380750	7.5	109	69
KT353380800	8	117	75
KT353380850	8.5	117	75
KT353380900	9	125	81
KT353380950	9.5	125	81
KT353381000	10	133	87
KT353381020	10.2	133	87
KT353381050	10.5	133	87
KT353381100	11	142	94
KT353381150	11.5	142	94
KT353381200	12	151	101
KT353381250	12.5	151	101
KT353381300	13	151	101

Packaging and minimum order

D	Quantity
up to Ø10.5	10 pcs
from Ø11.0	5 pcs

Recommendations for use:

Drill is suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm². Also suitable for machining heat-treated materials. The distinctive feature of this drill series is a special geometry that reduces burr formation.

+Blank

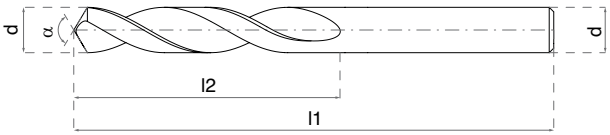
HSS-Co5	DIN 338	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT35338



Code	Description
KT333857019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT333857025	In box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

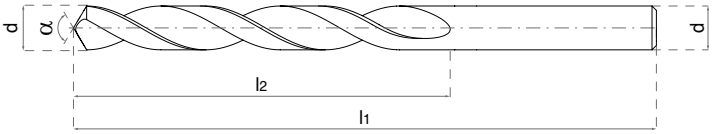
HSS-Co5	DIN 338	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33400



Code VAP coating	d	l1	l2
KT334000200	2	85	56
KT334000210	2.1	85	56
KT334000220	2.2	90	59
KT334000230	2.3	90	59
KT334000240	2.4	95	62
KT334000250	2.5	95	62
KT334000260	2.6	95	62
KT334000270	2.7	100	66
KT334000280	2.8	100	66
KT334000290	2.9	100	66
KT334000300	3	100	66
KT334000310	3.1	106	69
KT334000320	3.2	106	69
KT334000325	3.25	106	69
KT334000330	3.3	106	69
KT334000340	3.4	112	73
KT334000350	3.5	112	73
KT334000360	3.6	112	73
KT334000370	3.7	112	73
KT334000380	3.8	119	78
KT334000390	3.9	119	78
KT334000400	4	119	78
KT334000410	4.1	119	78
KT334000420	4.2	119	78
KT334000425	4.25	119	78
KT334000430	4.3	126	82
KT334000440	4.4	126	82
KT334000450	4.5	126	82
KT334000460	4.6	126	82
KT334000470	4.7	126	82
KT334000475	4.75	126	82
KT334000480	4.8	132	87
KT334000490	4.9	132	87
KT334000500	5	132	87
KT334000510	5.1	132	87
KT334000520	5.2	132	87

Code VAP coating	d	l1	l2
KT334000530	5.3	132	87
KT334000540	5.4	139	91
KT334000550	5.5	139	91
KT334000560	5.6	139	91
KT334000570	5.7	139	91
KT334000580	5.8	139	91
KT334000590	5.9	148	97
KT334000600	6	148	97
KT334000610	6.1	148	97
KT334000620	6.2	148	97
KT334000630	6.3	148	97
KT334000640	6.4	148	97
KT334000650	6.5	148	97
KT334000680	6.8	156	102
KT334000700	7	156	102
KT334000720	7.2	156	102
KT334000750	7.5	156	102
KT334000780	7.8	165	109
KT334000800	8	165	109
KT334000820	8.2	165	109
KT334000850	8.5	165	109
KT334000880	8.8	175	115
KT334000900	9	175	115
KT334000950	9.5	175	115
KT334000980	9.8	184	121
KT334001000	10	184	121
KT334001020	10.2	184	121
KT334001050	10.5	184	121
KT334001100	11	195	128
KT334001150	11.5	195	128
KT334001200	12	205	134
KT334001250	12.5	205	134
KT334001300	13	205	134
KT334001400	14	214	140
KT334001500	15	220	144
KT334001600	16	227	149

+VAP

HSS	DIN 340	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

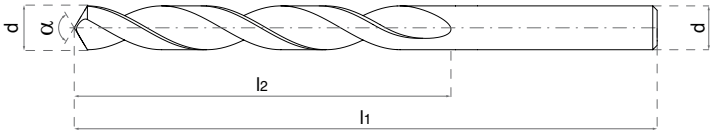
D	Quantity
up to Ø5.9	10 pcs
Ø6.0-13.0	5 pcs
from Ø14.0	1 pc

Recommendations for use:

Extended drill series for machining steels and cast irons, alloyed and non-alloyed materials, graphite.

EasyCut

KT33400



Code	Description
KT334009019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm

+VAP

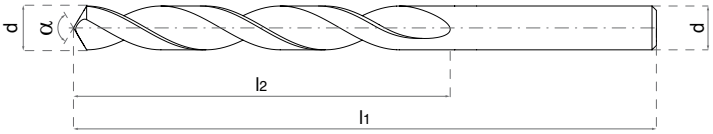
HSS	DIN 340	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33402



Code No coating	d	l1	l2
KT334020100	1	56	33
KT334020150	1.5	70	45
KT334020200	2	85	56
KT334020250	2.5	95	62
KT334020290	2.9	100	66
KT334020300	3	100	66
KT334020310	3.1	106	69
KT334020320	3.2	106	69
KT334020350	3.5	112	73
KT334020380	3.8	119	78
KT334020390	3.9	119	78
KT334020400	4	119	78
KT334020410	4.1	119	78
KT334020420	4.2	119	78
KT334020430	4.3	126	82
KT334020450	4.5	126	82
KT334020480	4.8	132	87
KT334020490	4.9	132	87
KT334020500	5	132	87
KT334020510	5.1	132	87
KT334020520	5.2	132	87
KT334020550	5.5	139	91
KT334020580	5.8	139	91
KT334020600	6	139	91

Code No coating	d	l1	l2
KT334020620	6.2	148	97
KT334020650	6.5	148	97
KT334020680	6.8	156	102
KT334020700	7	156	102
KT334020720	7.2	156	102
KT334020750	7.5	156	102
KT334020780	7.8	165	109
KT334020800	8	165	109
KT334020820	8.2	165	109
KT334020850	8.5	165	109
KT334020900	9	175	115
KT334020950	9.5	175	115
KT334020980	9.8	184	121
KT334021000	10	184	121
KT334021020	10.2	184	121
KT334021050	10.5	184	121
KT334021100	11	195	128
KT334021150	11.5	195	128
KT334021200	12	205	134
KT334021250	12.5	205	134
KT334021300	13	205	134
KT334021400	14	214	140
KT334021500	15	220	144

Packaging and minimum order

D	Quantity
up to Ø5.9	10 pcs
Ø6.0-13.0	5 pcs
from Ø14.0	1 pc

Recommendations for use:

Extended drill series for machining steels and cast irons, alloyed and non-alloyed materials, graphite. The drill is ground using split point technology, which enables self-centering drilling.

+Blank

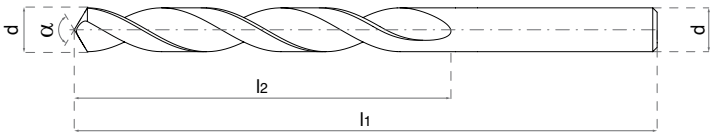
HSS	DIN 340	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33402



Code	Description
KT334029019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm

+Blank

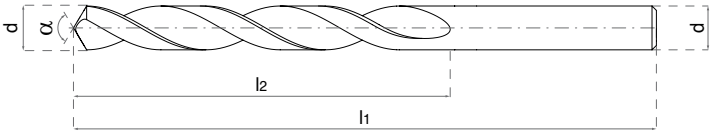
HSS	DIN 340	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT31869



Code No coating	d	l1	l2
KT318690100	**1**	100	60
KT318690150	**1.5**	100	60
KT318690200	**2**	125	85
KT318690250	**2.5**	140	95
KT318690300	**3**	150	100
KT318690310	**3.1**	155	105
KT318690320	**3.2**	155	105
KT318690330	**3.3**	155	105
KT318690350	**3.5**	165	115
KT318690400	**4**	175	120
KT318690420	**4.2**	175	120
KT318690450	**4.5**	185	125
KT318690500	**5**	195	135
KT318690550	**5.5**	205	140
KT318690600	**6**	205	140
KT318690650	**6.5**	215	150

Code No coating	d	l1	l2
KT318690680	**6.8**	225	155
KT318690700	**7**	225	155
KT318690750	**7.5**	225	155
KT318690800	**8**	240	165
KT318690850	**8.5**	240	165
KT318690900	**9**	250	175
KT318690950	**9.5**	250	175
KT318691000	**10**	265	185
KT318691020	**10.2**	265	185
KT318691050	**10.5**	265	185
KT318691100	**11**	280	195
KT318691150	**11.5**	280	195
KT318691200	**12**	295	205
KT318691250	**12.5**	295	205
KT318691300	**13**	295	205

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 1), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

+Blank

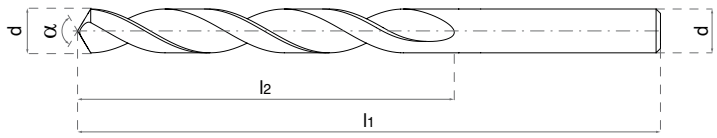
HSS	DIN 1869	RH
N	α 130°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT32869



Code No coating	d	l1	l2
KT328690200	**2**	160	110
KT328690250	**2.5**	180	120
KT328690300	**3**	190	130
KT328690320	**3.2**	200	135
KT328690350	**3.5**	210	145
KT328690400	**4**	220	150
KT328690420	**4.2**	220	150
KT328690450	**4.5**	235	160
KT328690500	**5**	245	170
KT328690550	**5.5**	260	180
KT328690600	**6**	260	180
KT328690650	**6.5**	275	190
KT328690680	**6.8**	290	200
KT328690700	**7**	290	200

Code No coating	d	l1	l2
KT328690750	**7.5**	290	200
KT328690800	**8**	305	210
KT328690850	**8.5**	305	210
KT328690900	**9**	320	220
KT328690950	**9.5**	320	220
KT328691000	**10**	340	235
KT328691020	**10.2**	340	235
KT328691050	**10.5**	340	235
KT328691100	**11**	365	250
KT328691150	**11.5**	365	250
KT328691200	**12**	375	260
KT328691250	**12.5**	375	260
KT328691300	**13**	375	260

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

Extra long series (series 2), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

+Blank

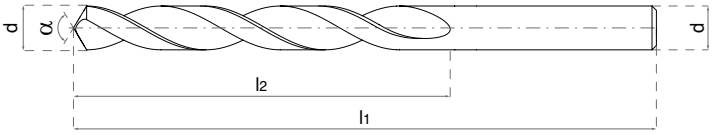
HSS	DIN 1869	RH
N	α 130°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33869



Code No coating	d	l1	l2
KT338690200	**2**	200	135
KT338690250	**2.5**	225	150
KT338690300	**3**	240	160
KT338690320	**3.2**	250	170
KT338690350	**3.5**	265	180
KT338690400	**4**	280	190
KT338690420	**4.2**	280	190
KT338690450	**4.5**	295	200
KT338690500	**5**	315	210
KT338690550	**5.5**	330	225

Code No coating	d	l1	l2
KT338690600	**6**	330	225
KT338690650	**6.5**	350	235
KT338690680	**6.8**	370	250
KT338690700	**7**	370	250
KT338690750	**7.5**	370	250
KT338690800	**8**	390	265
KT338690850	**8.5**	390	265
KT338690900	**9**	410	280
KT338690950	**9.5**	410	280
KT338691000	**10**	430	295

Packaging and minimum order

D	Quantity
up to Ø5.5	10 pcs
from Ø6.0	5 pcs

Recommendations for use:

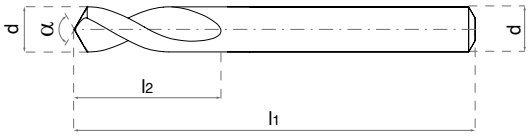
Extra long series (series 3), with polished groove for drilling deep holes. The drill is ground using split point technology for self-centering. For machining steels and cast irons with a tensile strength of up to 1000 N/mm². Not recommended for nickel-chromium steels and similar materials.

+Blank

HSS	DIN 1869	RH
N	α 130°	CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	d	l1	l2
KT318970200	2	38	12
KT318970210	2.1	38	12
KT318970220	2.2	40	13
KT318970230	2.3	40	13
KT318970240	2.4	43	14
KT318970250	2.5	43	14
KT318970260	2.6	43	14
KT318970270	2.7	46	16
KT318970280	2.8	46	16
KT318970290	2.9	46	16
KT318970300	3	46	16
KT318970310	3.1	49	18
KT318970320	3.2	49	18
KT318970325	3.25	49	18
KT318970330	3.3	49	18
KT318970340	3.4	52	20
KT318970350	3.5	52	20
KT318970360	3.6	52	20
KT318970370	3.7	52	20
KT318970380	3.8	55	22
KT318970390	3.9	55	22
KT318970400	4	55	22
KT318970410	4.1	55	22
KT318970420	4.2	55	22
KT318970430	4.3	58	24
KT318970440	4.4	58	24
KT318970450	4.5	58	24
KT318970460	4.6	58	24
KT318970470	4.7	58	24

Code VAP coating	d	l1	l2
KT318970480	4.8	62	26
KT318970490	4.9	62	26
KT318970500	5	62	26
KT318970510	5.1	62	26
KT318970520	5.2	62	26
KT318970530	5.3	62	26
KT318970540	5.4	66	28
KT318970550	5.5	66	28
KT318970560	5.6	66	28
KT318970570	5.7	66	28
KT318970580	5.8	66	28
KT318970590	5.9	66	28
KT318970600	6	66	28
KT318970650	6.5	70	31
KT318970680	6.8	74	34
KT318970700	7	74	34
KT318970750	7.5	74	34
KT318970800	8	79	37
KT318970850	8.5	79	37
KT318970900	9	84	40
KT318970950	9.5	84	40
KT318971000	10	89	43
KT318971020	10.2	89	43
KT318971050	10.5	89	43
KT318971100	11	95	47
KT318971150	11.5	95	47
KT318971200	12	102	51
KT318971250	12.5	102	51
KT318971300	13	102	51

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
from Ø7.0	5 pcs

Recommendations for use:

Standard short series drill for drilling sheet materials with hand-held drilling equipment.

EasyCut

KT31897

+VAP

HSS | DIN 1897 | RH

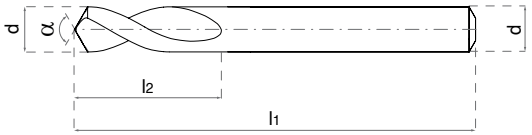
N | α 118° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT34897



Code No coating	d	l1	l2
KT348970100	1	26	6
KT348970150	1.5	32	9
KT348970200	2	38	12
KT348970250	2.5	43	14
KT348970300	3	46	16
KT348970310	3.1	49	18
KT348970320	3.2	49	18
KT348970330	3.3	49	18
KT348970350	3.5	52	20
KT348970400	4	55	22
KT348970410	4.1	55	22
KT348970420	4.2	55	22
KT348970450	4.5	58	24
KT348970500	5	62	26
KT348970510	5.1	62	26
KT348970520	5.2	62	26
KT348970550	5.5	66	28
KT348970600	6	66	28

Code No coating	d	l1	l2
KT348970620	6.2	70	31
KT348970650	6.5	70	31
KT348970670	6.7	74	34
KT348970680	6.8	74	34
KT348970700	7	74	34
KT348970750	7.5	74	34
KT348970800	8	79	37
KT348970850	8.5	79	37
KT348970900	9	84	40
KT348970950	9.5	84	40
KT348971000	10	89	43
KT348971020	10.2	89	43
KT348971050	10.5	89	43
KT348971100	11	95	47
KT348971150	11.5	95	47
KT348971200	12	102	51
KT348971250	12.5	102	51
KT348971300	13	102	51

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
from Ø7.0	5 pcs

Recommendations for use:

Standard uncoated short series drill for drilling sheet materials with hand-held drilling equipment. Drill with self-centering geometry.

+Blank

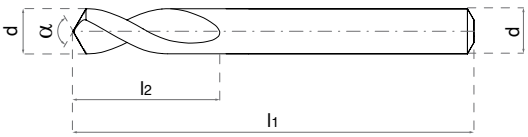
HSS	DIN 1897	RH
N	α 118°	CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT34897



Code	Description
KT233887019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233889019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT233889025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm

+Blank

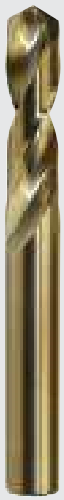
HSS	DIN 1897	RH
N	α 118°	CYL

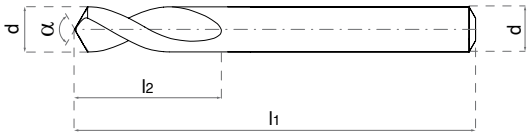
Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT35897





Code GF coating	d	l1	l2
KT358970100	1	26	6
KT358970150	1.5	32	9
KT358970200	2	38	12
KT358970250	2.5	43	14
KT358970300	3	46	16
KT358970310	3.1	49	18
KT358970320	3.2	49	18
KT358970330	3.3	49	18
KT358970350	3.5	52	20
KT358970400	4	55	22
KT358970410	4.1	55	22
KT358970420	4.2	55	22
KT358970450	4.5	58	24
KT358970500	5	62	26
KT358970520	5.2	62	26
KT358970550	5.5	66	28
KT358970600	6	66	28

Code GF coating	d	l1	l2
KT358970650	6.5	70	31
KT358970680	6.8	74	34
KT358970700	7	74	34
KT358970750	7.5	74	34
KT358970800	8	79	37
KT358970850	8.5	79	37
KT358970900	9	84	40
KT358970950	9.5	84	40
KT358971000	10	89	43
KT358971020	10.2	89	43
KT358971050	10.5	89	43
KT358971100	11	95	47
KT358971150	11.5	95	47
KT358971200	12	102	51
KT358971250	12.5	102	51
KT358971300	13	102	51

Packaging and minimum order

D	Quantity
up to Ø6.8	10 pcs
from Ø7.0	5 pcs

Recommendations for use:

Drill is suitable for drilling alloyed and non-alloyed materials with a tensile strength greater than 800 N/mm^2. Also suitable for machining heat-treated materials. The drill is ground using split point technology, which enables self-centering drilling.

+GF

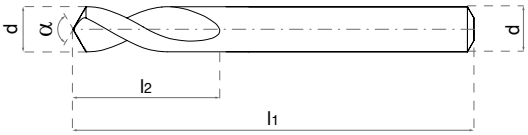
HSS-Co5	DIN 1897	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

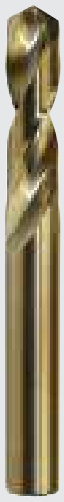
● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT35897



Code	Description
KT358977019	In box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT358979019	In metal box, 19 pcs, Ø1.0-10.0, increment 0.5 mm
KT358979025	In metal box, 25 pcs, Ø1.0-13.0, increment 0.5 mm



+GF

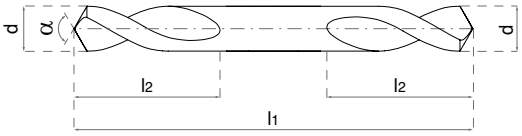
HSS-Co5	DIN 1897	RH
N	α 130°	CYL

Steel	●
Stainless Steel	●
Steel with hardness ≤45 HRC	◑
Cast Iron	●
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33350



Code No coating	d	l1	l2
KT333500250	**2.5**	43	9.5
KT333500300	**3**	46	9.5
KT333500310	**3.1**	49	9.5
KT333500320	**3.2**	49	9.5
KT333500325	**3.25**	49	9.5
KT333500330	**3.3**	49	9.5
KT333500340	**3.4**	52	13
KT333500350	**3.5**	52	13
KT333500400	**4**	55	13
KT333500410	**4.1**	55	13

Code No coating	d	l1	l2
KT333500420	**4.2**	55	13
KT333500450	**4.5**	58	16
KT333500480	**4.8**	62	16
KT333500490	**4.9**	62	16
KT333500500	**5**	62	16
KT333500510	**5.1**	62	16
KT333500520	**5.2**	62	16
KT333500525	**5.25**	62	16
KT333500550	**5.5**	66	16
KT333500600	**6**	66	16

Packaging and minimum order

D	Quantity
all dimensions	10 pcs

Recommendations for use:

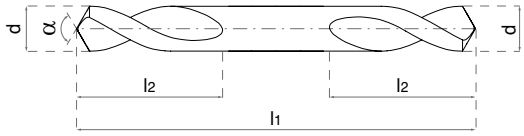
Double-ended drill with 118 degree angle and self-centering geometry, primarily for machining thin-walled parts.

+Blank

HSS | RH | α 118° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code GF coating	d	l1	l2
KT333550300	**3**	46	9.5
KT333550310	**3.1**	49	9.5
KT333550320	**3.2**	49	9.5
KT333550325	**3.25**	49	9.5
KT333550330	**3.3**	49	9.5
KT333550350	**3.5**	52	13
KT333550400	**4**	55	13
KT333550410	**4.1**	55	13
KT333550420	**4.2**	55	13

Code GF coating	d	l1	l2
KT333550450	**4.5**	58	16
KT333550480	**4.8**	62	16
KT333550490	**4.9**	62	16
KT333550500	**5**	62	16
KT333550510	**5.1**	62	16
KT333550520	**5.2**	62	16
KT333550550	**5.5**	66	16
KT333550600	**6**	66	16

Packaging and minimum order

D	Quantity
all dimensions	10 pcs

Recommendations for use:

Double-ended drill with 130 degree angle and self-centering geometry, primarily for machining thin-walled parts made of various materials.

EasyCut

KT33355

+GF

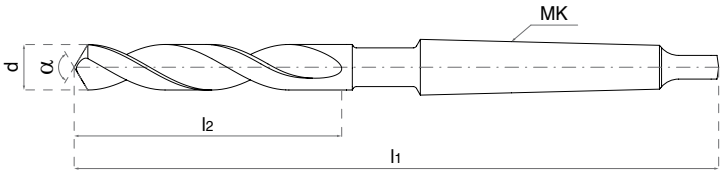
HSS-Co5 | RH | α 118° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT33450



Code VAP coating	d	MK	l1	l2
KT334500800	8	1	156	75
KT334500850	8.5	1	156	75
KT334500900	9	1	162	81
KT334500950	9.5	1	162	81
KT334501000	10	1	168	87
KT334501020	10.2	1	168	87
KT334501025	10.25	1	168	87
KT334501050	10.5	1	168	87
KT334501075	10.75	1	175	94
KT334501100	11	1	175	94
KT334501125	11.25	1	175	94
KT334501150	11.5	1	175	94
KT334501175	11.75	1	175	94
KT334501200	12	1	182	101
KT334501225	12.25	1	182	101
KT334501250	12.5	1	182	101
KT334501275	12.75	1	182	101
KT334501300	13	1	182	101
KT334501325	13.25	1	189	108
KT334501350	13.5	1	189	108
KT334501375	13.75	1	189	108
KT334501400	14	1	189	108
KT334501425	14.25	2	212	114
KT334501450	14.5	2	212	114
KT334501475	14.75	2	212	114
KT334501500	15	2	212	114
KT334501525	15.25	2	218	120
KT334501550	15.5	2	218	120
KT334501575	15.75	2	218	120
KT334501600	16	2	218	120
KT334501625	16.25	2	223	125
KT334501650	16.5	2	223	125
KT334501675	16.75	2	223	125
KT334501700	17	2	223	125
KT334501725	17.25	2	228	130
KT334501750	17.5	2	228	130
KT334501775	17.75	2	228	130
KT334501800	18	2	228	130
KT334501825	18.25	2	233	135
KT334501850	18.5	2	233	135
KT334501875	18.75	2	233	135
KT334501900	19	2	233	135
KT334501925	19.25	2	238	140
KT334501950	19.5	2	238	140

Code VAP coating	d	MK	l1	l2
KT334501975	19.75	2	238	140
KT334502000	20	2	238	140
KT334502025	20.25	2	243	145
KT334502050	20.5	2	243	145
KT334502075	20.75	2	243	145
KT334502100	21	2	243	145
KT334502125	21.25	2	248	150
KT334502150	21.5	2	248	150
KT334502175	21.75	2	248	150
KT334502200	22	2	248	150
KT334502225	22.25	2	248	150
KT334502250	22.5	2	253	155
KT334502275	22.75	2	253	155
KT334502300	23	2	253	155
KT334502325	23.25	3	276	155
KT334502350	23.5	3	276	155
KT334502375	23.75	3	281	160
KT334502400	24	3	281	160
KT334502425	24.25	3	281	160
KT334502450	24.5	3	281	160
KT334502475	24.75	3	281	160
KT334502500	25	3	281	160
KT334502525	25.25	3	286	165
KT334502550	25.5	3	286	165
KT334502575	25.75	3	286	165
KT334502600	26	3	286	165
KT334502625	26.25	3	286	165
KT334502650	26.5	3	286	165
KT334502675	26.75	3	291	170
KT334502700	27	3	291	170
KT334502725	27.25	3	291	170
KT334502750	27.5	3	291	170
KT334502775	27.75	3	291	170
KT334502800	28	3	291	170
KT334502825	28.25	3	296	175
KT334502850	28.5	3	296	175
KT334502875	28.75	3	296	175
KT334502900	29	3	296	175
KT334502925	29.25	3	296	175
KT334502950	29.5	3	296	175
KT334502975	29.75	3	296	175
KT334503000	30	3	296	175
KT334503025	30.25	3	301	180
KT334503050	30.5	3	301	180

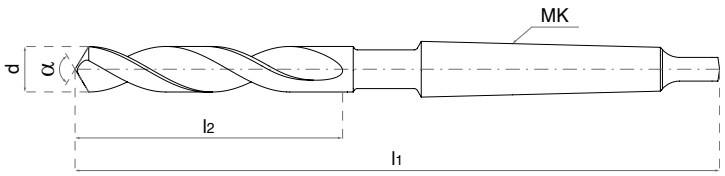
+VAP

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 345 | RH | N | α 118° | MK



KT33450

Code VAP coating	d	MK	l1	l2
KT334503075	**30.75**	3	301	180
KT334503100	**31**	3	301	180
KT334503125	**31.25**	3	301	180
KT334503150	**31.5**	3	301	180
KT334503175	**31.75**	3	334	185
KT334503200	**32**	4	334	185
KT334503250	**32.5**	4	334	185
KT334503300	**33**	4	334	185
KT334503350	**33.5**	4	334	185
KT334503400	**34**	4	339	190
KT334503450	**34.5**	4	339	190
KT334503500	**35**	4	339	190
KT334503550	**35.5**	4	339	190
KT334503600	**36**	4	344	195
KT334503650	**36.5**	4	344	195
KT334503700	**37**	4	344	195
KT334503750	**37.5**	4	344	195
KT334503800	**38**	4	349	200
KT334503850	**38.5**	4	349	200
KT334503900	**39**	4	349	200
KT334503950	**39.5**	4	349	200
KT334504000	**40**	4	349	200
KT334504050	**40.5**	4	354	205
KT334504100	**41**	4	354	205
KT334504150	**41.5**	4	354	205
KT334504200	**42**	4	354	205

Code VAP coating	d	MK	l1	l2
KT334504250	**42.5**	4	354	205
KT334504300	**43**	4	359	210
KT334504350	**43.5**	4	359	210
KT334504400	**44**	4	359	210
KT334504450	**44.5**	4	359	210
KT334504500	**45**	4	359	210
KT334504550	**45.5**	4	364	215
KT334504600	**46**	4	364	215
KT334504650	**46.5**	4	364	215
KT334504700	**47**	4	364	215
KT334504750	**47.5**	4	364	215
KT334504800	**48**	4	369	220
KT334504850	**48.5**	4	369	220
KT334504900	**49**	4	369	220
KT334504950	**49.5**	4	369	220
KT334505000	**50**	4	369	220
KT334505100	**51**	5	412	225
KT334505200	**52**	5	412	225
KT334505300	**53**	5	412	225
KT334505400	**54**	5	417	230
KT334505500	**55**	5	417	230
KT334505600	**56**	5	417	230
KT334505700	**57**	5	422	235
KT334505800	**58**	5	422	235
KT334505900	**59**	5	422	235
KT334506000	**60**	5	422	235

Packaging and minimum order

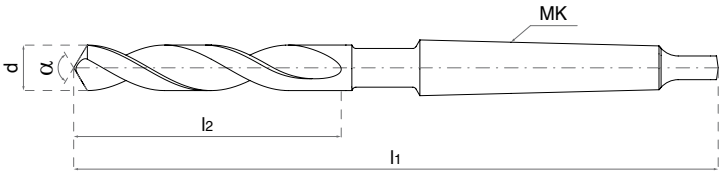
D	Quantity
all dimensions	1 pc

Recommendations for use:

Standard Morse taper drill for drilling steels and cast irons, alloyed and unalloyed materials, graphite. The spiral groove is made using the lengthwise-cross rolling method.

EasyCut

KT33450



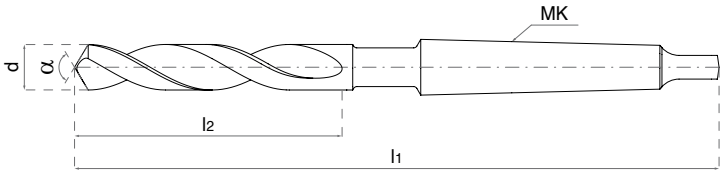
Code	Description
KT3345090111	In case, 11 pcs, Ø14.0-23.0, increment 1 mm, + adapter sleeve MKT2-MKT1
KT3345090112	In case, 11 pcs, Ø14.0-30.0, increment 2 mm, + Ø25.0 + adapter sleeve MKT2-MKT1

+VAP

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code VAP coating	d	MK	l1	l2
KT334530500	5	1	133	52
KT334530550	5.5	1	138	57
KT334530600	6	1	138	57
KT334530650	6.5	1	144	63
KT334530680	6.8	1	150	69
KT334530700	7	1	150	69
KT334530750	7.5	1	150	69
KT334530800	8	1	156	75
KT334530850	8.5	1	156	75
KT334530900	9	1	162	81
KT334530950	9.5	1	162	81
KT334531000	10	1	168	87
KT334531020	10.2	1	168	87
KT334531025	10.25	1	168	87
KT334531050	10.5	1	168	87
KT334531075	10.75	1	175	94
KT334531100	11	1	175	94
KT334531125	11.25	1	175	94
KT334531150	11.5	1	175	94
KT334531175	11.75	1	182	101
KT334531200	12	1	182	101
KT334531225	12.25	1	182	101
KT334531250	12.5	1	182	101
KT334531275	12.75	1	182	101
KT334531300	13	1	182	101
KT334531325	13.25	1	189	108
KT334531350	13.5	1	189	108
KT334531375	13.75	1	189	108
KT334531400	14	1	189	108
KT334531425	14.25	2	212	114
KT334531450	14.5	2	212	114
KT334531475	14.75	2	212	114
KT334531500	15	2	212	114
KT334531525	15.25	2	218	120
KT334531550	15.5	2	218	120
KT334531575	15.75	2	218	120
KT334531600	16	2	218	120
KT334531625	16.25	2	223	125
KT334531650	16.5	2	223	125
KT334531625	16.75	2	223	125
KT334531700	17	2	223	125
KT334531725	17.25	2	228	130
KT334531750	17.5	2	228	130
KT334531775	17.75	2	228	130

Code VAP coating	d	MK	l1	l2
KT334531800	18	2	228	130
KT334531825	18.25	2	233	135
KT334531850	18.5	2	233	135
KT334531875	18.75	2	233	135
KT334531900	19	2	233	135
KT334531925	19.25	2	238	140
KT334531950	19.5	2	238	140
KT334531975	19.75	2	238	140
KT334532000	20	2	238	140
KT334532025	20.25	2	243	145
KT334532050	20.5	2	243	145
KT334532075	20.75	2	243	145
KT334532100	21	2	243	145
KT334532125	21.25	2	248	150
KT334532150	21.5	2	248	150
KT334532175	21.75	2	248	150
KT334532200	22	2	248	150
KT334532225	22.25	2	253	155
KT334532250	22.5	2	253	155
KT334532275	22.75	2	253	155
KT334532300	23	2	253	155
KT334532325	23.25	3	276	155
KT334532350	23.5	3	276	155
KT334532375	23.75	3	281	160
KT334532400	24	3	281	160
KT334532425	24.25	3	281	160
KT334532450	24.5	3	281	160
KT334532475	24.75	3	281	160
KT334532500	25	3	281	160
KT334532525	25.25	3	286	165
KT334532550	25.5	3	286	165
KT334532575	25.75	3	286	165
KT334532600	26	3	286	165
KT334532625	26.25	3	286	165
KT334532650	26.5	3	286	165
KT334532675	26.75	3	291	170
KT334532700	27	3	291	170
KT334532725	27.25	3	291	170
KT334532750	27.5	3	291	170
KT334532775	27.75	3	291	170
KT334532800	28	3	291	170
KT334532825	28.25	3	296	175
KT334532850	28.5	3	296	175
KT334532875	28.75	3	296	175

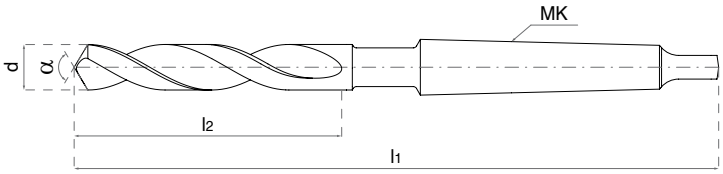
+VAP

HSS	DIN 345	RH
N	α 118°	MK

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	●
Graphite	●
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 345 | RH | N | α 118° | MK



KT33453

Code VAP coating	d	MK	l1	l2
KT334532900	29	3	296	175
KT334532925	29.25	3	296	175
KT334532950	29.5	3	296	175
KT334532975	29.75	3	296	175
KT334533000	30	3	296	175
KT334533025	30.25	3	301	180
KT334533050	30.5	3	301	180
KT334533075	30.75	3	301	180
KT334533100	31	3	301	180
KT334533125	31.25	3	301	180
KT334533150	31.5	3	301	180
KT334533175	31.75	3	334	185
KT334533200	32	4	334	185
KT334533250	32.5	4	334	185
KT334533300	33	4	334	185
KT334533350	33.5	4	339	190
KT334533400	34	4	339	190
KT334533450	34.5	4	339	190
KT334533500	35	4	339	190
KT334533550	35.5	4	344	195
KT334533600	36	4	344	195
KT334533650	36.5	4	344	195
KT334533700	37	4	344	195
KT334533750	37.5	4	349	200
KT334533800	38	4	349	200
KT334533850	38.5	4	349	200
KT334533900	39	4	349	200
KT334533950	39.5	4	349	200
KT334534000	40	4	349	200
KT334534050	40.5	4	354	205

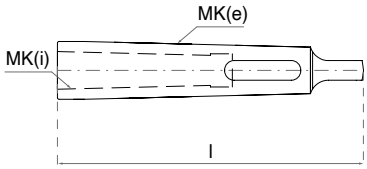
Code VAP coating	d	MK	l1	l2
KT334534100	41	4	354	205
KT334534150	41.5	4	354	205
KT334534200	42	4	354	205
KT334534250	42.5	4	359	210
KT334534300	43	4	359	210
KT334534350	43.5	4	359	210
KT334534400	44	4	359	210
KT334534450	44.5	4	359	210
KT334534500	45	4	359	210
KT334534550	45.5	4	364	215
KT334534600	46	4	364	215
KT334534650	46.5	4	364	215
KT334534700	47	4	364	215
KT334534750	47.5	4	369	220
KT334534800	48	4	369	220
KT334534850	48.5	4	369	220
KT334534900	49	4	369	220
KT334534950	49.5	4	369	220
KT334535000	50	4	369	220
KT334535100	51	5	412	225
KT334535200	52	5	412	225
KT334535300	53	5	412	225
KT334535400	54	5	417	230
KT334535500	55	5	417	230
KT334535600	56	5	417	230
KT334535700	57	5	422	235
KT334535800	58	5	422	235
KT334535900	59	5	422	235
KT334536000	60	5	422	235

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Standard Morse taper drill for drilling steels and cast irons, alloyed and unalloyed materials, graphite. The spiral groove is made by mechanical edge cutting machining.



Code	MK(e)	MK(i)	l
KT321850201	2	1	92
KT321850301	3	1	99
KT321850302	3	2	98
KT321850401	4	1	124

Code	MK(e)	MK(i)	l
KT321850402	4	2	124
KT321850403	4	3	132
KT321850503	5	3	156
KT321850504	5	4	171

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Adapter for Morse taper.

EasyCut

KT32185

DIN 2185 | MK

Code	Size	Thread size
KT368880001	1	M3-M6
KT368880002	2	M6-M8
KT368880003	3	M8-M11
KT368880004	4	M11-M14
KT368880005	5	M14-M18

Code	Size	Thread size
KT368880006	6	M18-M24
KT368880007	7	M24-M33
KT368880008	8	M33-M50

Packaging and minimum order

D	Quantity
all dimensions	1 pc

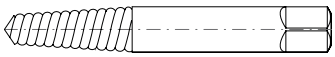
Recommendations for use:

Extractor for removing broken threaded elements (bolts, screws, etc.)

CV steel | CYL+ square

EasyCut

KT36888



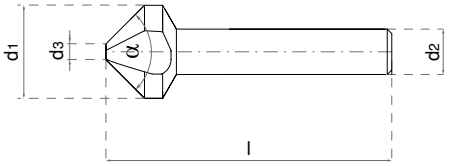
Code	Description
KT368881803	In plastic package, 5 pcs, M3-M18
KT368882403	In plastic package, 6 pcs, M3-M24
KT368885003	In plastic package, 8 pcs, M3-M50

CV steel

CYL+ square

EasyCut

KT353350
KT353351
KT353353



Code			d1	d2	d3	l
No coating	TiN coating	TiAlN coating				
KT3533500430	KT3533510430	KT3533530430	4.3	4	1.3	40
KT3533500500	KT3533510500	KT3533530500	5	4	1.5	40
KT3533500530	KT3533510530	KT3533530530	5.3	4	1.5	40
KT3533500580	KT3533510580	KT3533530580	5.8	5	1.5	45
KT3533500600	KT3533510600	KT3533530600	6	5	1.5	45
KT3533500630	KT3533510630	KT3533530630	6.3	5	1.5	45
KT3533500700	KT3533510700	KT3533530700	7	6	1.8	50
KT3533500730	KT3533510730	KT3533530730	7.3	6	1.8	50
KT3533500800	KT3533510800	KT3533530800	8	6	2	50
KT3533500830	KT3533510830	KT3533530830	8.3	6	2	50
KT3533500940	KT3533510940	KT3533530940	9.4	6	2.2	50
KT3533501000	KT3533511000	KT3533531000	10	6	2.5	50
KT3533501040	KT3533511040	KT3533531040	10.4	6	2.5	50
KT3533501150	KT3533511150	KT3533531150	11.5	8	2.8	56
KT3533501240	KT3533511240	KT3533531240	12.4	8	2.8	56
KT3533501340	KT3533511340	KT3533531340	13.4	8	2.9	56
KT3533501500	KT3533511500	KT3533531500	15	10	3.2	60
KT3533501650	KT3533511650	KT3533531650	16.5	10	3.2	60
KT3533501900	KT3533511900	KT3533531900	19	10	3.5	63
KT3533502050	KT3533512050	KT3533532050	20.5	10	3.5	63
KT3533502300	KT3533512300	KT3533532300	23	10	3.8	67
KT3533502500	KT3533512500	KT3533532500	25	10	3.8	67
KT3533502800	KT3533512800	KT3533532800	28	12	4	71
KT3533503000	KT3533513000	KT3533533000	30	12	4.2	71
KT3533503100	KT3533513100	KT3533533100	31	12	4.2	71
KT3533504000	KT3533514000	KT3533534000	40*	15	10	80

* Werksnorm

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

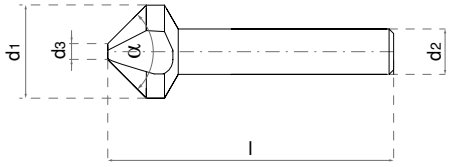
Countersink for chamfering of holes, including sheet materials.

+Blank | +TiN | +TiAlN

HSS | DIN 335 | RH | C | α 90° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code	Description
KT3533507005	Uncoated, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT3533507006	Uncoated, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT3533506005	Uncoated, in plastic box, 5 pcs: d1 = 8.0 - 12.4 - 16.5 - 20.5 - 25.0 mm
KT3533517005	TiN, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT3533517006	TiN, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT3533516005	TiN, in plastic box, 5 pcs: d1 = 8.0 - 12.4 - 16.5 - 20.5 - 25.0 mm
KT3533537005	TiAlN, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT3533537006	TiAlN, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT3533536005	TiAlN, in plastic box, 5 pcs: d1 = 8.0 - 12.4 - 16.5 - 20.5 - 25.0 mm

+Blank | +TiN | +TiAlN

HSS | DIN 335 | RH

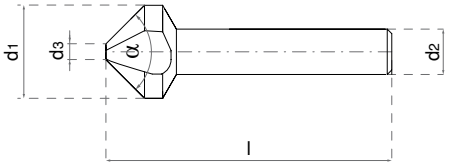
C | α 90° | CYL

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	●
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT353352
KT353354



Code		d1	d2	d3	l
No coating	TiAlN coating				
KT3533520630	KT3533540630	6.3	5	1.5	45
KT3533520800	KT3533540800	8	6	2	50
KT3533520830	KT3533540830	8.3	6	2	50
KT3533521000	KT3533541000	10	6	2.5	50
KT3533521040	KT3533541040	10.4	6	2.5	50
KT3533521240	KT3533541240	12.4	8	2.8	56
KT3533521500	KT3533541500	15	10	3.2	60
KT3533521650	KT3533541650	16.5	10	3.2	60
KT3533522050	KT3533542050	20.5	10	3.5	63
KT3533522500	KT3533542500	25	10	3.8	67
KT3533523100	KT3533543100	31	12	4.2	71

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Countersink for chamfering of holes, including sheet materials. Suitable for machining stainless steels and chromium and nickel containing alloys.

+Blank | +TiAlN

HSS-Co5 | DIN 335 | RH

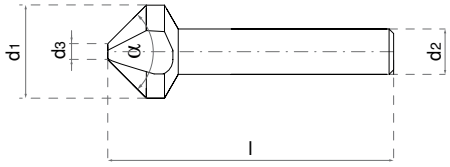
C | α 90° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

K353352
K353354



Code	Description
KT3533527005	Uncoated, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT3533527006	Uncoated, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT3533526005	Uncoated, in plastic box, 5 pcs: d1 = 8.0 - 12.4 - 16.5 - 20.5 - 25.0 mm
KT3533547005	TiN, in plastic box, 5 pcs: d1 = 6.3 - 10.4 - 16.5 - 20.5 - 25.0 mm
KT3533547006	TiN, in plastic box, 6 pcs: d1 = 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm
KT3533546005	TiAlN, in plastic box, 5 pcs: d1 = 8.0 - 12.4 - 16.5 - 20.5 - 25.0 mm

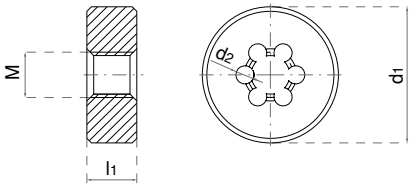
+Blank | +TiAlN

HSS-Co5 | DIN 335 | RH

C | α 90° | CYL

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	◑
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	◑
Titanium	◑

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	M	increment	d1	l1	d2
KT362230010	M1	0.25	16	5	3
KT362230012	M1.2	0.25	16	5	3
KT362230014	M1.4	0.25	16	5	3
KT362230016	M1.6	0.35	16	5	3
KT362230017	M1.7	0.35	16	5	3
KT362230018	M1.8	0.35	16	5	3
KT362230020	M2	0.4	16	5	3
KT362230022	M2.2	0.45	16	5	3
KT362230023	M2.3	0.4	16	5	3
KT362230025	M2.5	0.45	16	5	3
KT362230026	M2.6	0.45	16	5	3
KT362230030	M3	0.5	20	5	3
KT362230035	M3.5	0.6	20	5	3
KT362230040	M4	0.7	20	5	3
KT362230045	M4.5	0.75	20	7	3
KT362230050	M5	0.8	20	7	3
KT362230060	M6	1	20	7	4
KT362230070	M7	1	25	9	3
KT362230080	M8	1.25	25	9	4

Code No coating	M	increment	d1	l1	d2
KT362230090	M9	1.25	25	9	3
KT362230100	M10	1.5	30	11	4
KT362230110	M11	1.5	30	11	3
KT362230120	M12-	1.75	38	14	4
KT362230140	M14	2	38	14	5
KT362230160	M16	2	45	18	5
KT362230180	M18	2.5	45	18	5
KT362230200	M20	2.5	45	18	6
KT362230220	M22	2.5	55	22	6
KT362230240	M24	3	55	22	6
KT362230270	M27	3	65	25	3
KT362230300	M30	3.5	65	25	3
KT362230330	M33	3.5	65	25	3
KT362230360	M36	4	65	25	3
KT362230390	M39	4	75	30	3
KT362230420	M42	4.5	75	30	3
KT362230450	M45	4.5	90	36	3
KT362230480	M48	5	90	36	3
KT362230520	M52	5	90	36	3

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Dies for machining metric M threads. An optional wear-resistant coating can be applied.

+Blank

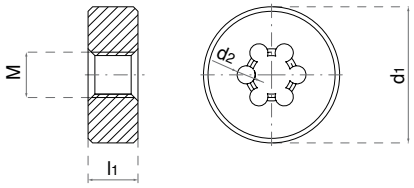
HSS | DIN 223B | RH

B | M | 60°

6g

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	M	increment	d1	l1	d2
KT362231003	M3	0.5	20	5	3
KT362231004	M4	0.7	20	5	3
KT362231005	M5	0.8	20	7	3
KT362231006	M6	1	20	7	4

Code No coating	M	increment	d1	l1	d2
KT362231008	M8	1.25	25	9	4
KT362231010	M10	1.5	30	11	4
KT362231012	M12	1.75	38	14	4

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Dies for machining metric M threads, factory standard 25x9 mm. An optional wear-resistant coating can be applied.

EasyCut

KT362231

+Blank

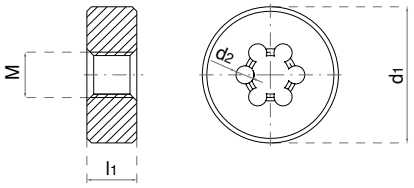
HSS | Karcan standard | RH

B | M | 60°

6g

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	M	increment	d1	l1	d2
KT36223603035	M3	0.35	20	5	4
KT36223604035	M4	0.35	20	5	4
KT36223604050	M4	0.5	20	5	4
KT36223605050	M5	0.5	20	5	4
KT36223605075	M5	0.75	20	7	4
KT36223606050	M6	0.5	20	7	4
KT36223606075	M6	0.75	20	7	4
KT36223607075	M7	0.75	25	9	4
KT36223608050	M8	0.5	25	9	4
KT36223608075	M8	0.75	25	9	4
KT36223608100	M8	1	25	9	4
KT36223609075	M9	0.75	25	9	4
KT36223609100	M9	1	25	9	4
KT36223610075	M10	0.75	30	11	4
KT36223610100	M10	1	30	11	4
KT36223610125	M10	1.25	30	11	4
KT36223611100	M11	1	30	11	4
KT36223611125	M11	1.25	30	11	4
KT36223612100	M12	1	38	10	4
KT36223612125	M12	1.25	38	10	4
KT36223612150	M12	1.5	38	10	4
KT36223613100	M13	1	38	10	4
KT36223613150	M13	1.5	38	10	4
KT36223614100	M14	1	38	10	4
KT36223614125	M14	1.25	38	10	5
KT36223614150	M14	1.5	38	10	5
KT36223615150	M15	1.5	38	10	5
KT36223616100	M16	1	45	14	5
KT36223616125	M16	1.25	45	14	5
KT36223616150	M16	1.5	45	14	5
KT36223618100	M18	1	45	14	5
KT36223618125	M18	1.25	45	14	5

Code No coating	M	increment	d1	l1	d2
KT36223618150	M18	1.5	45	14	5
KT36223618200	M18	2	45	14	5
KT36223620100	M20	1	45	14	5
KT36223620125	M20	1.25	45	14	5
KT36223620150	M20	1.5	45	14	6
KT36223620200	M20	2	45	14	6
KT36223622100	M22	1	55	16	6
KT36223622150	M22	1.5	55	16	6
KT36223622200	M22	2	55	16	6
KT36223624100	M24	1	55	16	6
KT36223624150	M24	1.5	55	16	6
KT36223624200	M24	2	55	16	6
KT36223625150	M25	1.5	55	16	6
KT36223626150	M26	1.5	55	16	6
KT36223626200	M26	2	55	16	6
KT36223627150	M27	1.5	65	18	6
KT36223627200	M27	2	65	18	6
KT36223628150	M28	1.5	65	18	6
KT36223628200	M28	2	65	18	6
KT36223630100	M30	1	65	18	6
KT36223630150	M30	1.5	65	18	6
KT36223630200	M30	2	65	18	6
KT36223632150	M32	1.5	65	18	6
KT36223635150	M35	1.5	65	18	6
KT36223638150	M38	1.5	75	20	6
KT36223640150	M40	1.5	75	20	6
KT36223642150	M42	1.5	75	20	6
KT36223645150	M45	1.5	90	22	6
KT36223648150	M48	1.5	90	22	6
KT36223650150	M50	1.5	90	22	6
KT36223652150	M52	1.5	90	22	6

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Dies for machining MF threads. An optional wear-resistant coating can be applied.

+Blank

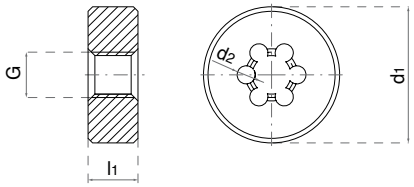
HSS | DIN 223B | RH

B | MF | 60°

6g

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	G	flights	d1	l1	d2
KT3651580125	1/8	28	30	11	4
KT3651580250	1/4	19	38	10	4
KT3651580375	3/8	19	45	14	5
KT3651580500	1/2	14	45	14	5
KT3651580625	5/8	14	55	16	5
KT3651580750	3/4	14	55	16	6
KT3651580875	7/8	14	65	18	6

Code No coating	G	flights	d1	l1	d2
KT3651581000	1	11	65	18	7
KT3651581125	1 1/8	11	75	20	7
KT3651581250	1 1/4	11	75	20	7
KT3651581375	1 3/8	11	90	22	8
KT3651581500	1 1/2	11	90	22	8
KT3651581750	1 3/4	11	105	22	8
KT3651582000	2	11	105	22	8

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

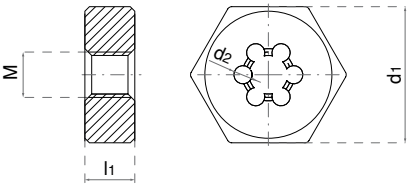
Dies for machining G (BSP) threads. An optional wear-resistant coating can be applied.

+Blank

HSS	DIN 5158	RH
B	G (BSP)	55°

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended



Code No coating	M	increment	d1	l1	d2
KT363820003	M3	0.5	19	5	3
KT363820004	M4	0.7	19	5	3
KT363820005	M5	0.8	19	7	3
KT363820006	M6	1	19	7	4
KT363820008	M8	1.25	22	9	4
KT363820010	M10	1.5	27	11	4
KT363820012	M12	1.75	36	14	4

Code No coating	M	increment	d1	l1	d2
KT363820014	M14	2	36	14	5
KT363820016	M16	2	41	18	5
KT363820018	M18	2.5	41	18	5
KT363820020	M20	2.5	41	18	5
KT363820022	M22	2.5	50	22	5
KT363820024	M24	3	50	22	6

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Dies with external hexagon for machining metric M threads. An optional wear-resistant coating can be applied.

+Blank

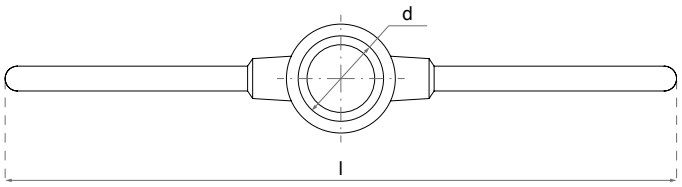
HSS | DIN 382 | RH

hexshank | B | M

60° | 6g

Steel	●
Stainless Steel	○
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	○
Heat-Resistant Alloys (HRSA)	○
Titanium	○

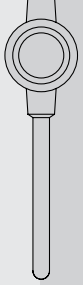
● Recommended ◑ Acceptable ○ Not recommended



Code	d	M	ww	G	l
KT3622351605	16 x 5	M 1-2.6	1/16-3/32	-	160
KT3622352005	20 x 5	M 3-4	1/8-5/32	-	180
KT3622352007	20 x 7	M 4.5-6	3/16-1/4	-	180
KT3622352509	25 x 9	M 7-9	5/16	1/16	210
KT3622353011	30 x 11	M 10-11	3/8-7/16	1/8	260
KT3622353810	38 x 10	Mf 12-15	-	1/4	315
KT3622353814	38 x 14	M 12-14	1/2-9/16	-	315
KT3622354514	45 x 14	Mf 16-20	-	3/8-1/2	450
KT3622354518	45 x 18	M 16-20	5/8-3/4	-	450
KT3622355516	55 x 16	Mf 22-M26	-	5/8-3/4	500
KT3622355522	55 x 22	M 22-24	07.08.2001	-	500
KT3622356518	65 x 18	Mf 27-36	-	7/8-1	630
KT3622356525	65 x 25	M 27-36	1.1/8-1.3/8	-	630
KT3622357520	75 x 20	Mf 38-42	-	1.1/8-1.1/4	700
KT3622357530	75 x 30	M 38-42	1.1/2-1.5/8	-	700
KT3622359022	90 x 22	Mf 45-52	-	1.3/8-1.5/8	900
KT3622359036	90 x 36	M 45-52	1.3/4-2	-	900

Recommendations for use:

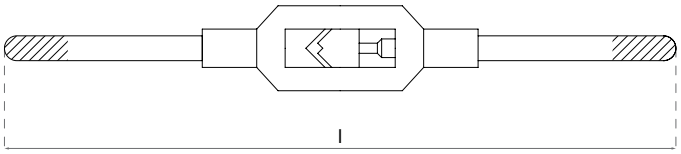
Die holder. One of the handles can be removed.



DIN 225

EasyCut

KT363525

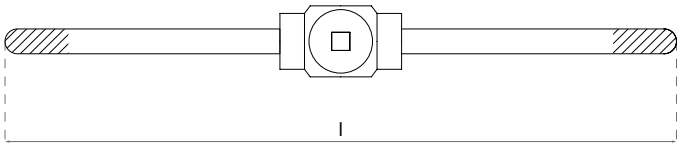


Code	d	M	G	l
KT3635250000	0	M1-8	1/8	130
KT3635250100	1	M1-10	1/8	180
KT3635250150	1 1/2	M1-12	1/8	180
KT3635250200	2	M4-12	1/8-1/4	280
KT3635250300	3	M5-20	1/8-1/2	380
KT3635250400	4	M11-27	1/4-3/4	500
KT3635250500	5	M13-32	1/4-1	700
KT3635250600	6	M19-38	1/8-1 1/4	1000
KT3635250700	7	M25-52	3/4-2	1250

Recommendations for use:

Die holder. One of the handles can be removed.

DIN 1814



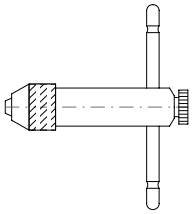
Code	d	M	Ww.	G	l
KT3635280000	0	M1-M4	1/16-5/32	-	200
KT3635280100	1	M3.5-M8	5/32-5/16	-	200
KT3635280200	2	M4-M10	5/32-3/8	-	240
KT3635280300	3	M5-M12	7/32-1/2	-	300
KT3635280400	4	M9-M12	3/8-5/8	-	340
KT3635280500	5	M12-M20	1/2-13/16	-	450
KT3635280600	6	M18-M27	11/16-1	-	650

Recommendations for use:

Die holder. One of the handles can be removed.

DIN 1814

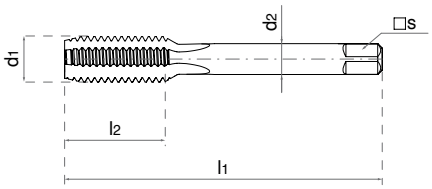
KT363526
KT363527



Code	nr	□	M	w1	w2	l
KT3635260310	1	2.4-5.5	M3-10	1/8-3/8	-	85
KT3635260512	2	4.5-7	M5-12	7/32-1/2	1/8	110
KT3635270310	1	2.5-5.5	M3-10	1/8-3/8	-	250
KT3635270512	2	4.5-7	M5-12	7/32-1/2	-	300

Recommendations for use:

Standard and long series die holder for hard-to-reach holes.



Code No coating	d1	increment	d2	□s	hole d	l1	l2
KT363520010	M1	0.25	2.5	2.1	0.75	32	5.5
KT363520012	M1.2	0.25	2.5	2.1	0.95	32	5.5
KT363520014	M1.4	0.3	2.5	2.1	1.1	32	7
KT363520016	M1.6	0.35	2.5	2.1	1.25	32	8
KT363520017	M1.7	0.35	6	2.1	1.35	32	8
KT363520018	M1.8	0.35	2.5	2.1	1.45	32	8
KT363520020	M2	0.4	2.8	2.1	1.6	36	8
KT363520022	M2.2	0.45	2.8	2.1	1.75	36	9
KT363520023	M2.3	0.4	2.8	2.1	1.9	36	9
KT363520025	M2.5	0.45	2.8	2.1	2.05	40	9
KT363520026	M2.6	0.45	2.8	2.1	2.1	40	9
KT363520030	M3	0.5	3.5	2.7	2.5	40	12
KT363520035	M3.5	0.6	4	3	2.9	45	13
KT363520040	M4	0.7	4.5	3.4	3.3	45	14
KT363520045	M4.5	0.75	6	4.9	3.7	50	16
KT363520050	M5	0.8	6	4.9	4.2	50	16
KT363520060	M6	1	6	4.9	5	56	19
KT363520070	M7	1	6	4.9	6	56	19
KT363520080	M8	1.25	6	4.9	6.8	63	22
KT363520090	M9	1.25	7	5.5	7.8	63	22
KT363520100	M10	1.5	7	5.5	8.5	70	24
KT363520110	M11	1.5	8	6.2	9.5	70	24
KT363520120	M12	1.75	9	7	10.2	75	28
KT363520140	M14	2	11	9	12	80	30
KT363520150	M15	2	12	9	14	80	32
KT363520160	M16	2	12	9	14	80	32
KT363520180	M18	2.5	14	11	15.5	95	34
KT363520200	M20	2.5	16	12	17.5	95	34
KT363520220	M22	2.5	18	14.5	19.5	100	34
KT363520240	M24	3	18	14.5	21	100	38
KT363520270	M27	3	20	16	24	110	50
KT363520300	M30	3.5	22	18	26.5	125	56
KT363520330	M33	3.5	25	20	29.5	125	56
KT363520360	M36	4	28	22	32	150	63
KT363520390	M39	4	32	24	35	150	63
KT363520420	M42	4.5	32	24	37.5	150	63
KT363520450	M45	4.5	36	29	40.5	160	70
KT363520480	M48	5	36	29	43	180	75
KT363520520	M52	5	40	32	47	180	75

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Set of hand-held taps for machining metric threads in blind and through holes. An optional wear-resistant coating can be applied.

+Blank

HSS | DIN 352 | RH

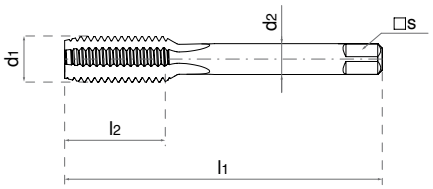
CYL+ square | Set 3 pcs | M

60° | ISO 2 6H

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut
KT363521
KT363522
KT363523



Code			d1	increment	d2	□s	hole d	l1	l2
No. 1	No. 2	No. 3							
KT363521010	KT363522010	KT363523010	M1	0.25	2.5	2.1	0.75	32	5.5
KT363521012	KT363522012	KT363523012	M1.2	0.25	2.5	2.1	0.95	32	5.5
KT363521014	KT363522014	KT363523014	M1.4	0.3	2.5	2.1	1.1	32	7
KT363521016	KT363522016	KT363523016	M1.6	0.35	2.5	2.1	1.25	32	8
KT363521017	KT363522017	KT363523017	M1.7	0.35	6	2.1	1.35	32	8
KT363521018	KT363522018	KT363523018	M1.8	0.35	2.5	2.1	1.45	32	8
KT363521020	KT363522020	KT363523020	M2	0.4	2.8	2.1	1.6	36	8
KT363521022	KT363522022	KT363523022	M2.2	0.45	2.8	2.1	1.75	36	9
KT363521023	KT363522023	KT363523023	M2.3	0.4	2.8	2.1	1.9	36	9
KT363521025	KT363522025	KT363523025	M2.5	0.45	2.8	2.1	2.05	40	9
KT363521026	KT363522026	KT363523026	M2.6	0.45	2.8	2.1	2.1	40	9
KT363521030	KT363522030	KT363523030	M3	0.5	3.5	2.7	2.5	40	11
KT363521035	KT363522035	KT363523035	M3.5	0.6	4	3	2.9	45	13
KT363521040	KT363522040	KT363523040	M4	0.7	4.5	3.4	3.3	45	13
KT363521045	KT363522045	KT363523045	M4.5	0.75	6	4.9	3.7	50	16
KT363521050	KT363522050	KT363523050	M5	0.8	6	4.9	4.2	50	16
KT363521060	KT363522060	KT363523060	M6	1	6	4.9	5	56	19
KT363521070	KT363522070	KT363523070	M7	1	6	4.9	6	56	19
KT363521080	KT363522080	KT363523080	M8	1.25	6	4.9	6.8	63	22
KT363521090	KT363522090	KT363523090	M9	1.25	7	5.5	7.8	63	22
KT363521100	KT363522100	KT363523100	M10	1.5	7	5.5	8.5	70	24
KT363521110	KT363522110	KT363523110	M11	1.5	8	6.2	9.5	70	24
KT363521120	KT363522120	KT363523120	M12	1.75	9	7	10.2	75	28
KT363521140	KT363522140	KT363523140	M14	2	11	9	12	80	30
KT363521150	KT363522150	KT363523150	M15	2	12	9	14	80	32
KT363521160	KT363522160	KT363523160	M16	2	12	9	14	80	32
KT363521180	KT363522180	KT363523180	M18	2.5	14	11	15.5	95	34
KT363521200	KT363522200	KT363523200	M20	2.5	16	12	17.5	95	40
KT363521220	KT363522220	KT363523220	M22	2.5	18	14.5	19.5	100	40
KT363521240	KT363522240	KT363523240	M24	3	18	14.5	21	100	50
KT363521270	KT363522270	KT363523270	M27	3	20	16	24	110	50
KT363521300	KT363522300	KT363523300	M30	3.5	22	18	26.5	125	56
KT363521330	KT363522330	KT363523330	M33	3.5	25	20	29.5	125	56
KT363521360	KT363522360	KT363523360	M36	4	28	22	32	150	63
KT363521390	KT363522390	KT363523390	M39	4	32	24	35	150	63
KT363521420	KT363522420	KT363523420	M42	4.5	32	24	37.5	150	63
KT363521450	KT363522450	KT363523450	M45	4.5	36	29	40.5	160	70
KT363521480	KT363522480	KT363523480	M48	5	36	29	43	180	75
KT363521520	KT363522520	KT363523520	M52	5	40	32	47	180	75

+Blank

HSS | DIN 352 | RH

CYL+ square | M | 60°

ISO 2 6H

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

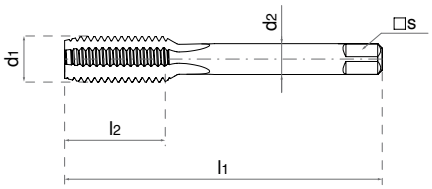
● Recommended ◑ Acceptable ○ Not recommended

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

A piece-by-piece selection of hand-held taps for machining metric threads in blind and through holes. An optional wear-resistant coating can be applied.



Code No coating	d1	increment	d2	□s	hole d	l1	l2
KT363524003	M3	0.5	3.5	2.7	2.5	40	12
KT363524004	M4	0.7	4.5	3.4	3.3	45	14
KT363524005	M5	0.8	6	4.9	4.2	48	16
KT363524006	M6	1	6	4.9	5	50	18
KT363524008	M8	1.25	6	4.9	6.8	56	22
KT363524010	M10	1.5	7	5.5	8.5	70	25
KT363524012	M12	1.75	9	7	10.2	75	30

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

A tap for manual or machine thread cutting. An optional wear-resistant coating can be applied.

EasyCut

KT363524

+Blank

HSS | DIN 352 | RH

CYL+ square | M | 60°

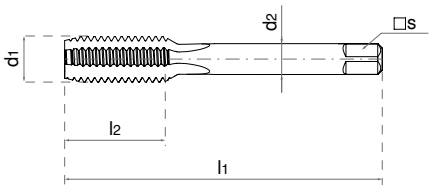
ISO 2 6H

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

EasyCut

KT3621810



Code No coating	d1	increment	d2	□s	hole d	l1	l2
KT362181003035	M3	0.35	3.5	2.7	2.65	40	9
KT362181004035	M4	0.35	4.5	3.4	3.65	45	10
KT362181004050	M4	0.5	4.5	3.4	3.5	45	10
KT362181005050	M5	0.5	6	4.9	4.5	50	12
KT362181005075	M5	0.75	6	4.9	4.25	50	12
KT362181006050	M6	0.5	6	4.9	5.5	50	14
KT362181006075	M6	0.75	6	4.9	5.25	50	16
KT362181007075	M7	0.75	6	4.9	6.25	50	14
KT362181008050	M8	0.5	6	4.9	7.5	50	19
KT362181008075	M8	0.75	6	4.9	7.25	50	16
KT362181008100	M8	1	6	4.9	7	56	18
KT362181009075	M9	0.75	7	5.5	8.25	56	19
KT362181009100	M9	1	7	5.5	8	63	20
KT362181010075	M10	0.75	7	5.5	9.25	63	20
KT362181010100	M10	1	7	5.5	9	63	18
KT362181010125	M10	1.25	7	5.5	8.75	63	18
KT362181011100	M11	1	8	6.2	10	63	20
KT362181011125	M11	1.25	8	6.2	9.75	63	22
KT362181012100	M12	1	9	7	11	70	20
KT362181012125	M12	1.25	9	7	10.75	70	20
KT362181012150	M12	1.5	9	7	10.5	70	20
KT362181013100	M13	1	11	9	12	70	22
KT362181013150	M13	1.5	11	9	11.5	70	22
KT362181014100	M14	1	11	9	13	70	22
KT362181014125	M14	1.25	11	9	12.75	70	20
KT362181014150	M14	1.5	11	9	12.5	70	20
KT362181015150	M15	1.5	12	9	13.5	70	22
KT362181016100	M16	1	12	9	15	70	22
KT362181016125	M16	1.25	12	9	14.75	70	22
KT362181016150	M16	1.5	12	9	14.5	70	22
KT362181018100	M18	1	14	11	17	80	22
KT362181018125	M18	1.25	14	11	16.75	80	22
KT362181018150	M18	1.5	14	11	16.5	80	22
KT362181018200	M18	2	14	11	16	80	22
KT362181020100	M20	1	16	12	19	80	22
KT362181020125	M20	1.25	16	12	18.75	80	22
KT362181020150	M20	1.5	16	12	18.5	80	22
KT362181020200	M20	2	16	12	18	80	22
KT362181022100	M22	1	18	14.5	21	80	22
KT362181022150	M22	1.5	18	14.5	20.5	80	22
KT362181022200	M22	2	18	14.5	20	80	22
KT362181024100	M24	1	18	14.5	23	90	22
KT362181024150	M24	1.5	18	14.5	22.5	90	22
KT362181024200	M24	2	18	14.5	22	90	22
KT362181025150	M25	1.5	18	14.5	23.5	90	22

+Blank

HSS | DIN 2181 | RH

CYL+ square | Set 2 pcs | MF

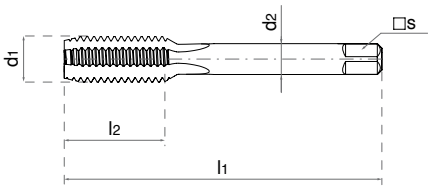
60° | ISO 2 6H

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 2181 | RH | CYL+ square

KT3621810



Code No coating	d1	increment	d2	□s	hole d	l1	l2
KT362181026150	M26	1.5	18	14.5	24.5	90	22
KT362181026200	M26	2	18	14.5	24.5	90	22
KT362181027150	M27	1.5	20	16	25.5	90	22
KT362181027200	M27	2	20	16	25	90	22
KT362181028150	M28	1.5	20	16	26.5	90	22
KT362181028200	M28	2	20	16	26	90	22
KT362181030100	M30	1	22	18	29	90	22
KT362181030150	M30	1.5	22	18	28.5	90	22
KT362181030200	M30	2	22	18	28	90	22
KT362181032150	M32	1.5	22	18	30.5	90	22
KT362181035150	M35	1.5	28	22	33.5	100	25
KT362181038150	M38	1.5	28	22	36.5	110	25
KT362181040150	M40	1.5	32	24	38.5	110	25
KT362181042150	M42	1.5	32	24	40.5	110	25
KT362181045150	M45	1.5	36	29	43.5	110	25
KT362181048150	M48	1.5	36	29	46.5	140	40
KT362181050150	M50	1.5	36	29	48.5	140	40
KT362181052150	M52	1.5	40	32	50.5	140	40

Packaging and minimum order

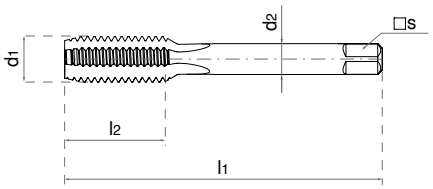
D	Quantity
all dimensions	1 pc

Recommendations for use:

Set of hand-held taps for machining metric MF threads in blind and through holes. An optional wear-resistant coating can be applied.

EasyCut

KT3621811
KT3621812



Code		d1	increment	d2	□s	hole d	l1	l2
No. 1	No. 2							
KT362181103035	KT362181203035	M3	0.35	3.5	2.7	2.65	40	9
KT362181104035	KT362181204035	M4	0.35	4.5	3.4	3.65	45	10
KT362181104050	KT362181204050	M4	0.5	4.5	3.4	3.5	45	10
KT362181105050	KT362181205050	M5	0.5	6	4.9	4.5	50	12
KT362181105075	KT362181205075	M5	0.75	6	4.9	4.25	50	12
KT362181106050	KT362181206050	M6	0.5	6	4.9	5.5	50	14
KT362181106075	KT362181206075	M6	0.75	6	4.9	5.25	50	16
KT362181107075	KT362181207075	M7	0.75	6	4.9	6.25	50	14
KT362181108050	KT362181208050	M8	0.5	6	4.9	7.5	50	19
KT362181108075	KT362181208075	M8	0.75	6	4.9	7.25	50	16
KT362181108100	KT362181208100	M8	1	6	4.9	7	56	18
KT362181109075	KT362181209075	M9	0.75	7	5.5	8.25	56	19
KT362181109100	KT362181209100	M9	1	7	5.5	8	63	20
KT362181110075	KT362181210075	M10	0.75	7	5.5	9.25	63	20
KT362181110100	KT362181210100	M10	1	7	5.5	9	63	18
KT362181110125	KT362181210125	M10	1.25	7	5.5	8.75	63	18
KT362181111100	KT362181211100	M11	1	8	6.2	10	63	20
KT362181111125	KT362181211125	M11	1.25	8	6.2	9.75	63	22
KT362181112100	KT362181212100	M12	1	9	7	11	70	20
KT362181112125	KT362181212125	M12	1.25	9	7	10.75	70	20
KT362181112150	KT362181212150	M12	1.5	9	7	10.5	70	20
KT362181113100	KT362181213100	M13	1	11	9	12	70	22
KT362181113150	KT362181213150	M13	1.5	11	9	11.5	70	22
KT362181114100	KT362181214100	M14	1	11	9	13	70	22
KT362181114125	KT362181214125	M14	1.25	11	9	12.75	70	20
KT362181114150	KT362181214150	M14	1.5	11	9	12.5	70	20
KT362181115150	KT362181215150	M15	1.5	12	9	13.5	70	22
KT362181116100	KT362181216100	M16	1	12	9	15	70	22
KT362181116125	KT362181216125	M16	1.25	12	9	14.75	70	22
KT362181116150	KT362181216150	M16	1.5	12	9	14.5	70	22
KT362181118100	KT362181218100	M18	1	14	11	17	80	22
KT362181118125	KT362181218125	M18	1.25	14	11	16.75	80	22
KT362181118150	KT362181218150	M18	1.5	14	11	16.5	80	22
KT362181118200	KT362181218200	M18	2	14	11	16	80	22
KT362181120100	KT362181220100	M20	1	16	12	19	80	22
KT362181120125	KT362181220125	M20	1.25	16	12	18.75	80	22
KT362181120150	KT362181220150	M20	1.5	16	12	18.5	80	22
KT362181120200	KT362181220200	M20	2	16	12	18	80	22
KT362181122100	KT362181222100	M22	1	18	14.5	21	80	22
KT362181122150	KT362181222150	M22	1.5	18	14.5	20.5	80	22
KT362181122200	KT362181222200	M22	2	18	14.5	20	80	22
KT362181124100	KT362181224100	M24	1	18	14.5	23	90	22
KT362181124150	KT362181224150	M24	1.5	18	14.5	22.5	90	22
KT362181124200	KT362181224200	M24	2	18	14.5	22	90	22
KT362181125150	KT362181225150	M25	1.5	18	14.5	23.5	90	22

+Blank

HSS | DIN 2181 | RH

CYL+ square | M | 60°

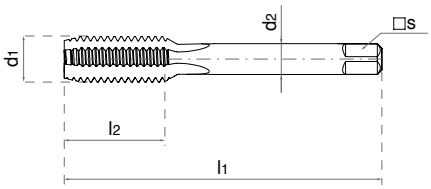
ISO 2 6H

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

HSS | DIN 2181 | RH | CYL+ square

KT3621811/KT3621812



Code		d1	increment	d2	□s	hole d	l1	l2
No. 1	No. 2							
KT362181126150	**KT362181226150**	M26	1.5	18	14.5	24.5	90	22
KT362181126200	**KT362181226200**	M26	2	18	14.5	24.5	90	22
KT362181127150	**KT362181227150**	M27	1.5	20	16	25.5	90	22
KT362181127200	**KT362181227200**	M27	2	20	16	25	90	22
KT362181128150	**KT362181228150**	M28	1.5	20	16	26.5	90	22
KT362181128200	**KT362181228200**	M28	2	20	16	26	90	22
KT362181130100	**KT362181230100**	M30	1	22	18	29	90	22
KT362181130150	**KT362181230150**	M30	1.5	22	18	28.5	90	22
KT362181130200	**KT362181230200**	M30	2	22	18	28	90	22
KT362181132150	**KT362181232150**	M32	1.5	22	18	30.5	90	22
KT362181135150	**KT362181235150**	M35	1.5	28	22	33.5	100	25
KT362181138150	**KT362181238150**	M38	1.5	28	22	36.5	110	25
KT362181140150	**KT362181240150**	M40	1.5	32	24	38.5	110	25
KT362181142150	**KT362181242150**	M42	1.5	32	24	40.5	110	25
KT362181145150	**KT362181245150**	M45	1.5	36	29	43.5	110	25
KT362181148150	**KT362181248150**	M48	1.5	36	29	46.5	140	40
KT362181150150	**KT362181250150**	M50	1.5	36	29	48.5	140	40
KT362181152150	**KT362181252150**	M52	1.5	40	32	50.5	140	40

Packaging and minimum order

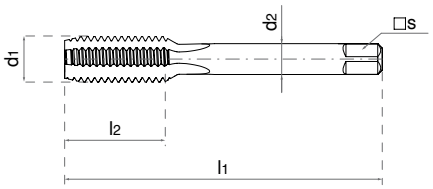
D	Quantity
all dimensions	1 pc

Recommendations for use:

A piece-by-piece selection of hand-held taps for machining metric MF threads in blind and through holes. An optional wear-resistant coating can be applied.

EasyCut

KT3651570



Code No coating	d1	flights	d2	□s	hole d	l1	l2
KT36515700125	G1/8	28	7	5.5	8.8	63	18
KT36515700250	G1/4	19	11	9	11.8	70	20
KT36515700375	G3/8	19	12	9	15.25	70	20
KT36515700500	G1/2	14	16	12	19	80	22
KT36515700625	G5/8	14	18	14.5	21	80	22
KT36515700750	G3/4	14	20	16	24.5	90	22
KT36515700875	G7/8	14	22	18	28.25	90	22
KT36515701000	G1	11	25	20	30.75	100	25
KT36515701125	G1 1/8	11	28	22	35.5	125	40
KT36515701250	G1 1/4	11	32	24	39.5	125	40
KT36515701375	G1 3/8	11	36	29	41.5	140	40
KT36515701500	G1 1/2	11	36	29	45.25	140	40
KT36515701750	G1 3/4	11	40	32	51	140	40
KT36515702000	G2	11	45	35	57	160	40

Packaging and minimum order

D	Quantity
all dimensions	1 pc

Recommendations for use:

Set of hand-held taps for machining G (BSP) threads in blind and through holes. An optional wear-resistant coating can be applied.

+Blank

HSS | DIN 5157 | RH

CYL+ square | Set 2 pcs | G (BSP)

55°

Steel	●
Stainless Steel	◑
Steel with hardness ≤45 HRC	○
Cast Iron	○
Graphite	○
Non-Ferrous Metals	◑
Heat-Resistant Alloys (HRSA)	○
Titanium	○

● Recommended ◑ Acceptable ○ Not recommended

Code	Description
KT360009015	In blue metal box, 15 items. Includes: - 1 short tap each HSS-G M3/M4/M5/M6/M8/M10/M12 - 1 twist drill each DIN 338 Ø 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm - 1 die holder DIN 1814, Gr. 1.1/2
KT360007028	In plastic box, 28 items Includes: - HSS DIN 352 hand-held taps, set of 3 pcs: M3 / M4 / M5 / M6 / M8 / M10 / M12 (21 pcs) - 7 twist drills DIN 338 Ø 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm
KT360007043	In plastic case, 43 items Includes: - HSS DIN 352 hand-held taps, set of 3 pcs: M3 / M4 / M5 / M6 / M8 / M10 / M12 (21 pcs) - 7 round dies HSS-G DIN EN 22568 B 25x 9, thread M3 / M4 / M5 / M6 / M8 / M10 / M12 - 1 thread gauge - 5 die holders - 2 tap holders - 7 twist drills DIN 338 Ø 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm
KT360009031	In metal box, 31 items Includes: - HSS DIN 352 hand-held taps, set of 3 pcs: M3 / M4 / M5 / M6 / M8 / M10 / M12 (21 pcs) - 7 round dies HSS-G DIN EN 22568 B 25 x 9, thread M3 / M4 / M5 / M6 / M8 / M10 / M12 - 1 die holder DIN 225 25 x 9 - 1 die holder of sizes No. 1.1 and No. 2 - 1 screwdriver
KT360009046	In metal box, 46 items: Includes: - HSS DIN 352 hand-held taps, set of 3 pcs: M3 / M4 / M5 / M6 / M8 / M10 / M12 (21 pcs) - 7 round dies HSS-G according to DIN EN 22568 B M3-M12 - 1 screwdriver - 2 die holders of sizes No. 1 and No. 2 - 1 metric thread gauge - 2 die wrenches for M3-M10 and M5-M12 - 5 die holders: 20 x 5 / 20 x 7 / 25 x 9 / 30 x 11 / 38 x 14 - 7 twist drills DIN 338 Ø 2.5 / 3.3 / 4.2 / 5.0 / 6.8 / 8.5 / 10.2 mm
KT360009053	In metal box, 53 items Includes: - Hand-held tap HSS-G DIN 352, Set of three taps: M3 / M4 / M5 / M6 / M8 / M10 / M12 / M14 / M16 / M18 / M20 (33 pcs) - 11 round dies HSS-G DIN EN 22568 B M3-M20 - 1 screwdriver - 2 die holders of sizes No. 1 and No. 3 - 6 die holders: 20 x 5 / 20 x 7 / 25 x 9 / 30 x 11 / 38 x 14 / 45 x 18

KT36352

Code	Description
KT363527021	In plastic box, 21 items, set of 3 hand-held taps M3 - M4 - M5 - M6 - M8 - M10 - M12
KT363529021	In metal box, 21 items, set of 3 hand-held taps M3 - M4 - M5 - M6 - M8 - M10 - M12

HSS | DIN 352 | RH

Karcan reserves the right to revise or alter all items and technical specifications in this catalogue without prior notice.

Karcan cannot be held responsible or obligated due to misprints, typos, or any other offset printing errors.

The cutting parameters and feed rates stated in this catalogue are recommended values; Karcan does not bear any responsibility for machine and equipment breakdowns.

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