



CARBIDE DRILLING TOOLS

Overview		E01	-	E02
DS550	Spot Drill And Chamfer Tools For Steel	E03		
DA550	Spot Drill And Chamfer Tools For Aluminum	E04		
DSE	Solid Carbide Drilling With External Coolant	E05	-	E06
DSI	Solid Carbide Drilling With Internal Coolant	E07	-	E08

A

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HARDNESS
MILLING

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F

CARBIDE
REAMERS

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WOOD
WORKING
TOOLS

H

CARBIDE
CUSTOM-MADE
TOOLS

Overview

A solid carbide drill is a drilling tool typically made from carbide material designed to efficiently drill holes in a variety of materials.

These drill bits are commonly used in areas such as metalworking and construction to create precise holes in materials such as metal, wood, plastic, and more.

The key role and advantage of alloy drill bits are their wear resistance and durability. They can withstand high temperatures and high-speed rotation without losing their effectiveness, offering the potential for long-term use.

Additionally, its design allows for smooth chip evacuation, improving work efficiency while also providing high-precision drilling.



DS550

Spot Drilling Tools Series



- E03** • Spot Drilling And Chamfer Tools For Steel
- E04** • Spot Drilling And Chamfer Tools For Aluminum

DSE/DSI

Carbide Drilling Tools Series



- E05 - E06** • Solid Carbide Drilling With External Coolant
- E07 - E08** • Solid Carbide Drilling With Internal Coolant

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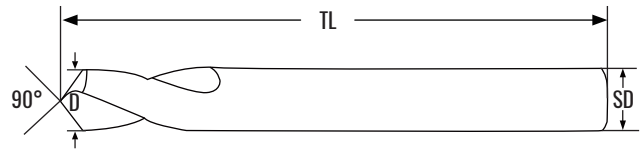
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Spot Drilling And Chamfer Tools For Steel



- High heat-resistant centering drills.
- Dual-purpose: can be used for center drilling and chamfering.



[Long Shank]

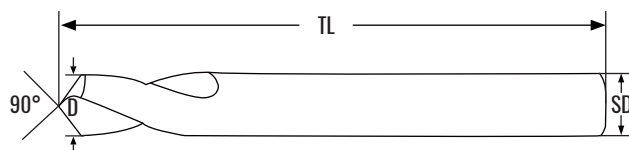
Order No.	D h7 [mm]	TL [mm]	SD h6 [mm]	Angle
DS550SD2-020-90	2.0	50	2	90°
DS550SD2-030-90	3.0	50	3	90°
DS550SD2-040-90	4.0	50	4	90°
DS550SD2-050-90	5.0	50	5	90°
DS550SD2-060-90	6.0	50	6	90°
DS550SD2-080-90	8.0	60	8	90°
DS550SD2-100-90	10.0	75	10	90°
DS550SD2-120-90	12.0	75	12	90°

Order No.	D h7 [mm]	TL [mm]	SD h6 [mm]	Angle
DS550SDL2-040-90	4.0	75	4	90°
DS550SDL2-060-90	6.0	75	6	90°
DS550SDL2-080-90	8.0	75	8	90°
DS550SDF2-040-90	4.0	100	4	90°
DS550SDF2-060-90	6.0	100	6	90°
DS550SDF2-080-90	8.0	100	8	90°
DS550SDF2-100-90	10.0	100	10	90°
DS550SDF2-120-90	12.0	100	12	90°

Order Note

- Most of tools on the list are in store.
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Spot Drilling And Chamfer Tools For Aluminum



- High-efficiency centering drill for aluminum.
- Dual-purpose: can be used for center drilling and chamfering.



[Long Shank]

Order No.	D h7 [mm]	TL [mm]	SD h6 [mm]	Angle
DA550SD2-020-90	2.0	50	2	90°
DA550SD2-030-90	3.0	50	3	90°
DA550SD2-040-90	4.0	50	4	90°
DA550SD2-050-90	5.0	50	5	90°
DA550SD2-060-90	6.0	50	6	90°
DA550SD2-080-90	8.0	60	8	90°
DA550SD2-100-90	10.0	75	10	90°
DA550SD2-120-90	12.0	75	12	90°

Order No.	D h7 [mm]	TL [mm]	SD h6 [mm]	Angle
DA550SDL2-040-90	4.0	75	4	90°
DA550SDL2-060-90	6.0	75	6	90°
DA550SDL2-080-90	8.0	75	8	90°
DA550SDF2-040-90	4.0	100	4	90°
DA550SDF2-060-90	6.0	100	6	90°
DA550SDF2-080-90	8.0	100	8	90°
DA550SDF2-100-90	10.0	100	10	90°
DA550SDF2-120-90	12.0	100	12	90°

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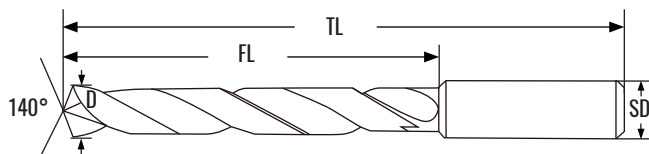
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Solid Carbide Drill With External Coolant.3D



- Machine the high hardened materials.
- Excellent workpiece finish.



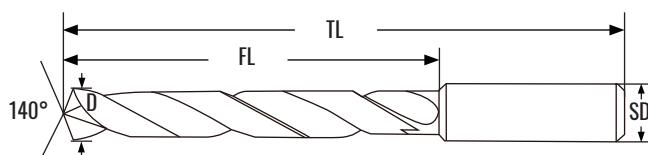
Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSE3ST0100	1.0	12	54	4
DSE3ST0150	1.5	12	54	4
DSE3ST0200	2.0	16	54	4
DSE3ST0250	2.5	16	54	4
DSE3ST0300	3.0	20	54	4
DSE3ST0350	3.5	20	54	4
DSE3ST0400	4.0	24	58	4
DSE3ST0450	4.5	24	66	6
DSE3ST0500	5.0	28	66	6
DSE3ST0550	5.5	28	66	6
DSE3ST0600	6.0	28	66	6
DSE3ST0650	6.5	34	79	8
DSE3ST0700	7.0	34	79	8
DSE3ST0750	7.5	41	79	8
DSE3ST0800	8.0	41	79	8
DSE3ST0850	8.5	47	89	10
DSE3ST0900	9.0	47	89	10
DSE3ST0950	9.5	47	89	10
DSE3ST1000	10.0	47	89	10

Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSE3ST1050	10.5	55	102	12
DSE3ST1100	11.0	55	102	12
DSE3ST1150	11.5	55	102	12
DSE3ST1200	12.0	55	102	12
DSE3ST1250	12.5	60	107	14
DSE3ST1300	13.0	60	107	14
DSE3ST1350	13.5	60	107	14
DSE3ST1400	14.0	60	107	14
DSE3ST1450	14.5	65	115	16
DSE3ST1500	15.0	65	115	16
DSE3ST1550	15.5	65	115	16
DSE3ST1600	16.0	65	115	16
DSE3ST1650	16.5	73	123	18
DSE3ST1700	17.0	73	123	18
DSE3ST1750	17.5	73	123	18
DSE3ST1800	18.0	73	123	18
DSE3ST1900	19.0	79	131	20
DSE3ST1950	19.5	79	131	20

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Solid Carbide Drill With External Coolant.5D



- Machine the high hardened materials.
- Excellent workpiece finish.



Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSE5SF0100	1.0	20	58	4
DSE5SF0150	1.5	20	58	4
DSE5SF0200	2.0	24	58	4
DSE5SF0250	2.5	24	58	4
DSE5SF0300	3.0	28	58	4
DSE5SF0350	3.5	28	58	4
DSE5SF0400	4.0	36	66	4
DSE5SF0450	4.5	36	74	6
DSE5SF0500	5.0	44	82	6
DSE5SF0550	5.5	44	82	6
DSE5SF0600	6.0	44	82	6
DSE5SF0650	6.5	53	91	8
DSE5SF0700	7.0	53	91	8
DSE5SF0750	7.5	53	91	8
DSE5SF0800	8.0	53	91	8
DSE5SF0850	8.5	61	103	10
DSE5SF0900	9.0	61	103	10
DSE5SF0950	9.5	61	103	10
DSE5SF1000	10.0	61	103	10
DSE5SF1050	10.5	71	118	12

Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSE5SF1050	10.5	71	118	12
DSE5SF1100	11.0	71	118	12
DSE5SF1150	11.5	71	118	12
DSE5SF1200	12.0	71	118	12
DSE5SF250	12.5	77	124	14
DSE5SF1300	13.0	77	124	14
DSE5SF1350	13.5	77	124	14
DSE5SF1400	14.0	77	124	14
DSE5SF1450	14.5	83	133	16
DSE5SF1500	15.0	83	133	16
DSE5SF1550	15.5	83	133	16
DSE5SF1600	16.0	83	133	16
DSE5SF1650	16.5	93	143	18
DSE5SF1700	17.0	93	143	18
DSE5SF1750	17.5	93	143	18
DSE5SF1800	18.0	93	143	18
DSE5SF1850	18.5	101	153	20
DSE5SF1900	19.0	101	153	20
DSE5SF1950	19.5	101	153	20
DSE5SF1980	19.8	101	153	20

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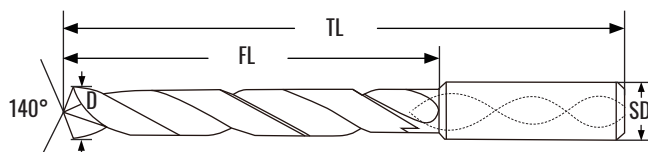
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Solid Carbide Drill With Internal Coolant.3D



- Machine the high hardened materials.
- Excellent workpiece finish.
- Designed for high precision & high speed milling operation.
- High wear resistance.



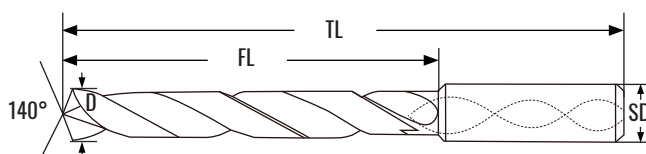
Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSI3ST0100	1.0	12	54	4
DSI3ST0150	1.5	12	54	4
DSI3ST0200	2.0	16	54	4
DSI3ST0250	2.5	16	54	4
DSI3ST0300	3.0	20	54	4
DSI3ST0350	3.5	20	54	4
DSI3ST0400	4.0	24	58	4
DSI3ST0450	4.5	24	66	6
DSI3ST0500	5.0	28	66	6
DSI3ST0550	5.5	28	66	6
DSI3ST0600	6.0	28	66	6
DSI3ST0650	6.5	34	79	8
DSI3ST0700	7.0	34	79	8
DSI3ST0750	7.5	41	79	8
DSI3ST0800	8.0	41	79	8
DSI3ST0850	8.5	47	89	10
DSI3ST0900	9.0	47	89	10
DSI3ST0950	9.5	47	89	10
DSI3ST1000	10.0	47	89	10

Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSI3ST1050	10.5	55	102	12
DSI3ST1100	11.0	55	102	12
DSI3ST1150	11.5	55	102	12
DSI3ST1200	12.0	55	102	12
DSI3ST1250	12.5	60	107	14
DSI3ST1300	13.0	60	107	14
DSI3ST1350	13.5	60	107	14
DSI3ST1400	14.0	60	107	14
DSI3ST1450	14.5	65	115	16
DSI3ST1500	15.0	65	115	16
DSI3ST1550	15.5	65	115	16
DSI3ST1600	16.0	65	115	16
DSI3ST1650	16.5	73	123	18
DSI3ST1700	17.0	73	123	18
DSI3ST1750	17.5	73	123	18
DSI3ST1800	18.0	73	123	18
DSI3ST1900	19.0	79	131	20
DSI3ST1950	19.5	79	131	20

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Solid Carbide Drill With Internal Coolant.5D



- Machine the high hardened materials.
- Excellent workpiece finish.
- Designed for high precision & high speed milling operation.
- High wear resistance.



Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSI5SF0100	1.0	20	58	4
DSI5SF0150	1.5	20	58	4
DSI5SF0200	2.0	24	58	4
DSI5SF0250	2.5	24	58	4
DSI5SF0300	3.0	28	58	4
DSI5SF0350	3.5	28	58	4
DSI5SF0400	4.0	36	66	4
DSI5SF0450	4.5	36	74	6
DSI5SF0500	5.0	44	82	6
DSI5SF0550	5.5	44	82	6
DSI5SF0600	6.0	44	82	6
DSI5SF0650	6.5	53	91	8
DSI5SF0700	7.0	53	91	8
DSI5SF0750	7.5	53	91	8
DSI5SF0800	8.0	53	91	8
DSI5SF0850	8.5	61	103	10
DSI5SF0900	9.0	61	103	10
DSI5SF0950	9.5	61	103	10
DSI5SF1000	10.0	61	103	10
DSI5SF1050	10.5	71	118	12

Order No.	D h7 [mm]	FL [mm]	TL [mm]	SD h6 [mm]
DSI5SF1050	10.5	71	118	12
DSI5SF1100	11.0	71	118	12
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DSI5SF1200	12.0	71	118	12
DSI5SF250	12.5	77	124	14
DSI5SF1300	13.0	77	124	14
DSI5SF1350	13.5	77	124	14
DSI5SF1400	14.0	77	124	14
DSI5SF1450	14.5	83	133	16
DSI5SF1500	15.0	83	133	16
DSI5SF1550	15.5	83	133	16
DSI5SF1600	16.0	83	133	16
DSI5SF1650	16.5	93	143	18
DSI5SF1700	17.0	93	143	18
DSI5SF1750	17.5	93	143	18
DSI5SF1800	18.0	93	143	18
DSI5SF1850	18.5	101	153	20
DSI5SF1900	19.0	101	153	20
DSI5SF1950	19.5	101	153	20
DSI5SF1980	19.8	101	153	20

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