

# DRILLS

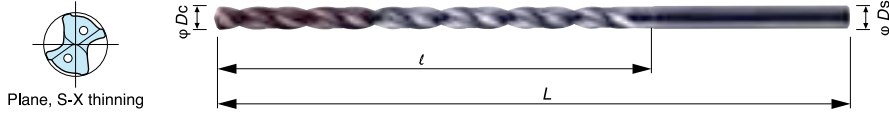
ดอกสว่าน

Straight Shank

ดอกสว่านแกนตรง



## ดอกสว่านคาร์ไบด์ Non Step สำหรับเหล็กหล่อ Carbide Oil Hole Non Step Borer for Cast Iron (15D) 15FWHNSB-TH



Refer to this page



Ds=3 : 0 ~ -0.006  
3<Ds≤6 : 0 ~ -0.008  
6<Ds≤10 : 0 ~ -0.009  
6<Ds : 0 ~ -0.011 (mm)

Order Code	Stock	Size (mm)			
		Dc Drill Dia.	ℓ Flute Length	L Overall Length	Ds Shank Dia.
15FWHNSB0300-TH	●	3.0	54	102	3.0
15FWHNSB0310-TH	□	3.1	63	111	4.0
15FWHNSB0320-TH	□	3.2	63	111	4.0
15FWHNSB0330-TH	□	3.3	63	111	4.0
15FWHNSB0340-TH	□	3.4	63	111	4.0
15FWHNSB0350-TH	□	3.5	63	111	4.0
15FWHNSB0360-TH	□	3.6	72	121	4.0
15FWHNSB0370-TH	□	3.7	72	121	4.0
15FWHNSB0380-TH	□	3.8	72	121	4.0
15FWHNSB0390-TH	□	3.9	72	121	4.0
15FWHNSB0400-TH	●	4.0	72	121	4.0
15FWHNSB0410-TH	□	4.1	81	132	5.0
15FWHNSB0420-TH	□	4.2	81	132	5.0
15FWHNSB0430-TH	□	4.3	81	132	5.0
15FWHNSB0440-TH	□	4.4	81	132	5.0
15FWHNSB0450-TH	□	4.5	81	132	5.0
15FWHNSB0460-TH	□	4.6	91	142	5.0
15FWHNSB0470-TH	□	4.7	91	142	5.0
15FWHNSB0480-TH	□	4.8	91	142	5.0
15FWHNSB0490-TH	□	4.9	91	142	5.0
15FWHNSB0500-TH	●	5.0	91	142	5.0
15FWHNSB0510-TH	□	5.1	100	151	6.0
15FWHNSB0520-TH	□	5.2	100	151	6.0
15FWHNSB0530-TH	□	5.3	100	151	6.0
15FWHNSB0540-TH	□	5.4	100	151	6.0
15FWHNSB0550-TH	●	5.5	100	151	6.0
15FWHNSB0560-TH	□	5.6	109	160	6.0
15FWHNSB0570-TH	□	5.7	109	160	6.0
15FWHNSB0580-TH	□	5.8	109	160	6.0
15FWHNSB0590-TH	□	5.9	109	160	6.0
15FWHNSB0600-TH	●	6.0	109	160	6.0
15FWHNSB0610-TH	□	6.1	118	171	7.0
15FWHNSB0620-TH	□	6.2	118	171	7.0
15FWHNSB0630-TH	□	6.3	118	171	7.0
15FWHNSB0640-TH	□	6.4	118	171	7.0
15FWHNSB0650-TH	●	6.5	118	171	7.0
15FWHNSB0660-TH	□	6.6	127	180	7.0
15FWHNSB0670-TH	□	6.7	127	180	7.0
15FWHNSB0680-TH	□	6.8	127	180	7.0
15FWHNSB0690-TH	□	6.9	127	180	7.0
15FWHNSB0700-TH	●	7.0	127	180	7.0
15FWHNSB0710-TH	□	7.1	136	191	8.0
15FWHNSB0720-TH	□	7.2	136	191	8.0
15FWHNSB0730-TH	□	7.3	136	191	8.0
15FWHNSB0740-TH	□	7.4	136	191	8.0
15FWHNSB0750-TH	□	7.5	136	191	8.0
15FWHNSB0760-TH	□	7.6	145	200	8.0
15FWHNSB0770-TH	□	7.7	145	200	8.0
15FWHNSB0780-TH	□	7.8	145	200	8.0
15FWHNSB0790-TH	□	7.9	145	200	8.0

Order Code	Stock	Size (mm)			
		Dc Drill Dia.	ℓ Flute Length	L Overall Length	Ds Shank Dia.
15FWHNSB0800-TH	●	8.0	145	200	8.0
15FWHNSB0810-TH	□	8.1	154	209	9.0
15FWHNSB0820-TH	□	8.2	154	209	9.0
15FWHNSB0830-TH	□	8.3	154	209	9.0
15FWHNSB0840-TH	□	8.4	154	209	9.0
15FWHNSB0850-TH	□	8.5	154	209	9.0
15FWHNSB0860-TH	□	8.6	163	218	9.0
15FWHNSB0870-TH	□	8.7	163	218	9.0
15FWHNSB0880-TH	□	8.8	163	218	9.0
15FWHNSB0890-TH	□	8.9	163	218	9.0
15FWHNSB0900-TH	●	9.0	163	218	9.0
15FWHNSB0910-TH	□	9.1	172	227	10.0
15FWHNSB0920-TH	□	9.2	172	227	10.0
15FWHNSB0930-TH	□	9.3	172	227	10.0
15FWHNSB0940-TH	□	9.4	172	227	10.0
15FWHNSB0950-TH	□	9.5	172	227	10.0
15FWHNSB0960-TH	□	9.6	181	236	10.0
15FWHNSB0970-TH	□	9.7	181	236	10.0
15FWHNSB0980-TH	□	9.8	181	236	10.0
15FWHNSB0990-TH	□	9.9	181	236	10.0
15FWHNSB1000-TH	●	10.0	181	236	10.0
15FWHNSB1010-TH	□	10.1	190	245	11.0
15FWHNSB1020-TH	□	10.2	190	245	11.0
15FWHNSB1030-TH	□	10.3	190	245	11.0
15FWHNSB1040-TH	□	10.4	190	245	11.0
15FWHNSB1050-TH	□	10.5	190	245	11.0
15FWHNSB1060-TH	□	10.6	199	260	11.0
15FWHNSB1070-TH	□	10.7	199	260	11.0
15FWHNSB1080-TH	□	10.8	199	260	11.0
15FWHNSB1090-TH	□	10.9	199	260	11.0
15FWHNSB1100-TH	●	11.0	199	260	11.0
15FWHNSB1110-TH	□	11.1	208	269	12.0
15FWHNSB1120-TH	□	11.2	208	269	12.0
15FWHNSB1130-TH	□	11.3	208	269	12.0
15FWHNSB1140-TH	□	11.4	208	269	12.0
15FWHNSB1150-TH	□	11.5	208	269	12.0
15FWHNSB1160-TH	□	11.6	217	278	12.0
15FWHNSB1170-TH	□	11.7	217	278	12.0
15FWHNSB1180-TH	□	11.8	217	278	12.0
15FWHNSB1190-TH	□	11.9	217	278	12.0
15FWHNSB1200-TH	●	12.0	217	278	12.0
15FWHNSB1210-TH	□	12.1	226	287	13.0
15FWHNSB1220-TH	□	12.2	226	287	13.0
15FWHNSB1230-TH	□	12.3	226	287	13.0
15FWHNSB1240-TH	□	12.4	226	287	13.0
15FWHNSB1250-TH	□	12.5	226	287	13.0
15FWHNSB1260-TH	□	12.6	235	301	13.0
15FWHNSB1270-TH	□	12.7	235	301	13.0
15FWHNSB1280-TH	□	12.8	235	301	13.0
15FWHNSB1290-TH	□	12.9	235	301	13.0

Order Code	Stock	Size (mm)			
		Dc Drill Dia.	ℓ Flute Length	L Overall Length	Ds Shank Dia.
15FWHNSB1300-TH	□	13.0	235	301	13.0

10 ~ 30FWHNSB  
Table of Tolerance on tool dia.

□ : Tool diameter tolerance of 10 to 30FWHNSB for stock of specified distributors.

(mm)

10 ~ 30FWHNSB				
	∅Dc≤3.0	3.0<∅Dc≤6.0	6.0<∅Dc≤10.0	10.0<∅Dc≤14.0
Max	-0.015	-0.020	-0.024	-0.030
Min	-0.028	-0.036	-0.045	-0.053

● : Tool dia. tolerance of stocked items 10 to 30FWHNSB is h8

● : Stocked Items. □ : Stocked by specified distributor. Contact with our sales department.