

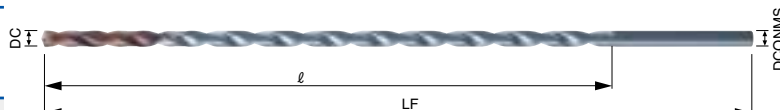
超硬OHノンステップボーラー 30D



下表を参照
Refer to under table



(mm)



平面二段・S-X形シンニング
Plane, S-X thinning

30WHNSB-TH

切削条件表 E32
Cutting Conditions

商品コード Item code	在庫 Stock	寸法 Size (mm) 直径 Tool dia. 溝長 Flute length 全長 Overall length シャフト径 Shank dia. DCONMS	希望小売価格 (¥) Suggested retail price(¥)
30WHNSB0200-TH	●	2.0 70 113 3.0	35,680
30WHNSB0210-TH	●	2.1 77 120 3.0	35,680
30WHNSB0220-TH	●	2.2 77 120 3.0	35,680
30WHNSB0230-TH	●	2.3 87 130 3.0	35,680
30WHNSB0240-TH	●	2.4 87 130 3.0	35,680
30WHNSB0250-TH	●	2.5 87 130 3.0	35,680
30WHNSB0260-TH	●	2.6 94 137 3.0	35,680
30WHNSB0270-TH	●	2.7 94 137 3.0	35,680
30WHNSB0280-TH	●	2.8 99 144 3.0	35,680
30WHNSB0290-TH	●	2.9 99 144 3.0	35,680
30WHNSB0300-TH	●	3.0 99 147 3.0	35,680
30WHNSB0310-TH	●	3.1 116 164 4.0	37,030
30WHNSB0320-TH	●	3.2 116 164 4.0	37,030
30WHNSB0330-TH	●	3.3 116 164 4.0	37,030
30WHNSB0340-TH	●	3.4 116 164 4.0	37,030
30WHNSB0350-TH	●	3.5 116 164 4.0	37,030
30WHNSB0360-TH	●	3.6 132 181 4.0	44,320
30WHNSB0370-TH	●	3.7 132 181 4.0	44,320
30WHNSB0380-TH	●	3.8 132 181 4.0	44,320
30WHNSB0390-TH	●	3.9 132 181 4.0	44,320
30WHNSB0400-TH	●	4.0 132 181 4.0	44,320
30WHNSB0410-TH	●	4.1 149 200 5.0	49,130
30WHNSB0420-TH	●	4.2 149 200 5.0	49,130
30WHNSB0430-TH	●	4.3 149 200 5.0	49,130
30WHNSB0440-TH	●	4.4 149 200 5.0	49,130
30WHNSB0450-TH	●	4.5 149 200 5.0	49,130
30WHNSB0460-TH	●	4.6 166 217 5.0	53,830
30WHNSB0470-TH	●	4.7 166 217 5.0	53,830
30WHNSB0480-TH	●	4.8 166 217 5.0	53,830
30WHNSB0490-TH	●	4.9 166 217 5.0	53,830
30WHNSB0500-TH	●	5.0 166 217 5.0	53,830
30WHNSB0510-TH	●	5.1 182 233 6.0	60,000
30WHNSB0520-TH	●	5.2 182 233 6.0	60,000
30WHNSB0530-TH	●	5.3 182 233 6.0	60,000
30WHNSB0540-TH	●	5.4 182 233 6.0	60,000
30WHNSB0550-TH	●	5.5 182 233 6.0	60,000
30WHNSB0560-TH	●	5.6 199 250 6.0	62,840
30WHNSB0570-TH	●	5.7 199 250 6.0	62,840
30WHNSB0580-TH	●	5.8 199 250 6.0	62,840
30WHNSB0590-TH	●	5.9 199 250 6.0	62,840
30WHNSB0600-TH	●	6.0 199 250 6.0	62,840
30WHNSB0610-TH	●	6.1 215 268 7.0	71,350
30WHNSB0620-TH	●	6.2 215 268 7.0	71,350

商品コード Item code	在庫 Stock	寸法 Size (mm) 直径 Tool dia. 溝長 Flute length 全長 Overall length シャフト径 Shank dia. DCONMS	希望小売価格 (¥) Suggested retail price(¥)
30WHNSB0630-TH	●	6.3 215 268 7.0	71,350
30WHNSB0640-TH	●	6.4 215 268 7.0	71,350
30WHNSB0650-TH	●	6.5 215 268 7.0	71,350
30WHNSB0660-TH	●	6.6 232 285 7.0	73,200
30WHNSB0670-TH	●	6.7 232 285 7.0	73,200
30WHNSB0680-TH	●	6.8 232 285 7.0	73,200
30WHNSB0690-TH	●	6.9 232 285 7.0	73,200
30WHNSB0700-TH	●	7.0 232 285 7.0	73,200
30WHNSB0710-TH	●	7.1 248 303 8.0	86,040
30WHNSB0720-TH	●	7.2 248 303 8.0	86,040
30WHNSB0730-TH	●	7.3 248 303 8.0	86,040
30WHNSB0740-TH	●	7.4 248 303 8.0	86,040
30WHNSB0750-TH	●	7.5 248 303 8.0	86,040
30WHNSB0760-TH	●	7.6 265 320 8.0	88,750
30WHNSB0770-TH	●	7.7 265 320 8.0	88,750
30WHNSB0780-TH	●	7.8 265 320 8.0	88,750
30WHNSB0790-TH	●	7.9 265 320 8.0	88,750
30WHNSB0800-TH	●	8.0 265 320 8.0	88,750
30WHNSB0810-TH	□	8.1 281 336 9.0	-
30WHNSB0820-TH	□	8.2 281 336 9.0	-
30WHNSB0830-TH	●	8.3 281 336 9.0	98,120
30WHNSB0840-TH	●	8.4 281 336 9.0	98,120
30WHNSB0850-TH	●	8.5 281 336 9.0	98,120
30WHNSB0860-TH	□	8.6 298 353 9.0	-
30WHNSB0870-TH	□	8.7 298 353 9.0	-
30WHNSB0880-TH	●	8.8 298 353 9.0	108,000
30WHNSB0890-TH	●	8.9 298 353 9.0	108,000
30WHNSB0900-TH	●	9.0 298 353 9.0	108,000
30WHNSB0910-TH	□	9.1 314 369 10.0	-
30WHNSB0920-TH	□	9.2 314 369 10.0	-
30WHNSB0930-TH	●	9.3 314 369 10.0	118,990
30WHNSB0940-TH	●	9.4 314 369 10.0	118,990
30WHNSB0950-TH	●	9.5 314 369 10.0	118,990
30WHNSB0960-TH	□	9.6 331 386 10.0	-
30WHNSB0970-TH	□	9.7 331 386 10.0	-
30WHNSB0980-TH	●	9.8 331 386 10.0	130,840
30WHNSB0990-TH	●	9.9 331 386 10.0	130,840
30WHNSB1000-TH	●	10.0 331 386 10.0	130,840
30WHNSB1010-TH	□	10.1 348 403 11.0	-
30WHNSB1020-TH	□	10.2 348 403 11.0	-
30WHNSB1030-TH	●	10.3 348 403 11.0	149,350
30WHNSB1040-TH	●	10.4 348 403 11.0	149,350
30WHNSB1050-TH	●	10.5 348 403 11.0	149,350

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30WHNSB1060-TH	□	10.6 364 425 11.0	-
30WHNSB1070-TH	□	10.7 364 425 11.0	-
30WHNSB1080-TH	●	10.8 364 425 11.0	165,390
30WHNSB1090-TH	●	10.9 364 425 11.0	165,390
30WHNSB1100-TH	●	11.0 364 425 11.0	165,390
30WHNSB1110-TH	□	11.1 381 442 12.0	-
30WHNSB1120-TH	□	11.2 381 442 12.0	-
30WHNSB1130-TH	●	11.3 381 442 12.0	172,790
30WHNSB1140-TH	●	11.4 381 442 12.0	172,790
30WHNSB1150-TH	●	11.5 381 442 12.0	172,790
30WHNSB1160-TH	□	11.6 397 458 12.0	-
30WHNSB1170-TH	□	11.7 397 458 12.0	-
30WHNSB1180-TH	●	11.8 397 458 12.0	181,440
30WHNSB1190-TH	●	11.9 397 458 12.0	181,440
30WHNSB1200-TH	●	12.0 397 458 12.0	181,440

30WHNSB直径公差表

Table of Tolerance on tool dia.

直径2.0~3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0, 11.0, 12.0はh8となります。

上記以外のアイテムは下表の直径公差になります。

h8 for diameters of 2.0 to 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10.0, 11.0, and 12.0. For other items, the diameter tolerance will be as in the table below. (mm)

30WHNSB			
	3.0<DC<6.0	6.0<DC<10.0	10.0<DC<12.0
上限 Max	-0.020	-0.024	-0.030
下限 Min	-0.036	-0.045	-0.053

対応被削材

Applicable work material

軟鋼 Mild steel	炭素鋼 Carbon steel	合金鋼 Alloy steel	調質鋼 Heat-treated steel	工具鋼 Tool steel	焼入れ鋼 Hardened steel	ステンレス鋼 Stainless steel	耐熱鋼 Ti alloy	鋳鉄 Cast iron	ダクタイル鋳鉄 Ductile cast iron	アルミ合金 Aluminum alloy	銅合金 Copper alloy
SS	SCC	SCM, SCr	SKD, SKS	~40HRC	~45HRC, 45HRC~	SUS	Inconel	FC	FCD	Al	Cu
○	○	○	○	○	○	○	○	○	○	○	○

再研磨対応外径範囲

Re-grinding compatibility range

商品コード Item code	エンド End (mm)
30WHNSB-TH	2 ~ 12