

NIKKEN CARBIDE PF RADICAL MILL REAMER

NIKKEN

PF-RMSS

Carbide Radical Mill Reamer (Straight Shank)



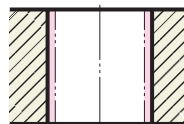
MILLING
BLADE

LH-HELIX
30-35°

TiCN2
COAT

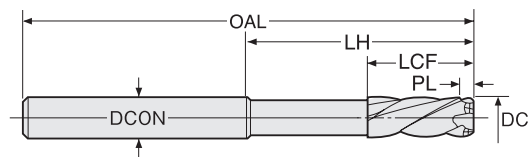
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*See P.4 for icons.



Explanation of the Code No.

- PF - RMSS - 12.0
- DIAMETER
 - RADICAL MILLREAMER SERIES
 - RMSS : STRAIGHT SHANK FOR THROUGH HOLE
 - NONE:SOLID CARBIDE PF-PRESS FIT



STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
PF-RMSS- 10.5	●	10.5	115	12	7.6	22	65
- 11.0	●	11.0	115	12	7.9	22	65
- 11.5	●	11.5	125	12	7.9	22	70
- 12.0	●	12.0					
- 12.5	●	12.5	130	12	7.9	22	75
- 13.0	●	13.0	130	12	8.2	22	75
- 13.5	●	13.5	130	16	8.2	22	75
- 14.0	●	14.0	130	16	9.0	22	75
- 15.0	●	15.0	140	16	9.0	22	80
- 16.0	●	16.0	150	16	9.4	24	90
- 17.0	●	17.0					
- 18.0	●	18.0	155	20	9.4	24	90

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
PF-RMSS- 19.0	●	19.0	155	20	9.4	24	90
- 20.0	●	20.0	160	20	9.8	24	95
- 21.0	●	21.0	170	20	10.3	24	105
- 22.0	●	22.0	170	20	10.8	28	105
- 23.0	●	23.0	180	25	10.8	28	110
- 24.0	●	24.0					
- 25.0	●	25.0	190	25	11.3	28	120
- 26.0	●	26.0					
- 27.0	●	27.0	200	32	11.6	34	120
- 28.0	●	28.0					
- 29.0	●	29.0					
- 30.0	●	30.0					

★PL means chamfering length to Φ DC.

★Long type is also available. PF-RMS-15.0

★OH type is also available. Please see below.

NIKKEN CARBIDE RADICAL MILL REAMER OH

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PF-RMSS-OH

Carbide Radical Mill Reamer (With Oil Hole)



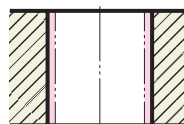
MILLING
BLADE

LH-HELIX
30-35°

TiCN2
COAT

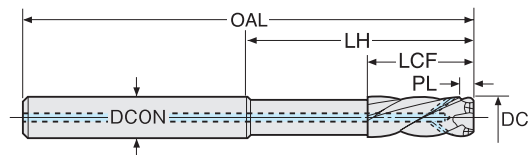
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*See P.4 for icons.



Code No.の説明(例)

- PF - RMSS - 12.0 - OH
- DIAMETER
 - OH付の意
 - RADICAL MILLREAMER SERIES
 - RMSS : STRAIGHT SHANK FOR THROUGH HOLE
 - NONE:SOLID CARBIDE PF-PRESS FIT



STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
RMSS- 5.0-OH	△	5.0	70	5	4.8	22	40
- 6.0-OH	△	6.0	85	6	5.4	25	50
- 7.0-OH	△	7.0	90	8	6.0	25	50
- 8.0-OH	△	8.0	100	8	6.6	25	60
- 9.0-OH	△	9.0	105	10	7.0	25	60
- 10.0-OH	△	10.0	110	10	7.2	29	60
	-	-	-	-	-	-	-

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
PF-RMSS-11.0-OH	△	11.0	115	12	7.9	22	65
- 12.0-OH	△	12.0	125	12	7.9	22	70
- 13.0-OH	△	13.0	130	12	8.2	22	75
- 14.0-OH	△	14.0	130	16	9.0	22	75
- 15.0-OH	△	15.0	140	16	9.0	22	80
- 16.0-OH	△	16.0	150	16	9.4	24	90
- 17.0-OH	△	17.0	150	16	9.4	24	90
- 18.0-OH	△	18.0	155	20	9.4	24	90
- 19.0-OH	△	19.0	155	20	9.4	24	90
- 20.0-OH	△	20.0	160	20	9.8	24	95

★PL means chamfering length to Φ DC.

★DCON is the front end bore diameter without bottom teeth, thus please make sure predrilled hole should be larger than Φ DCON.

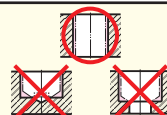
★This is not suitable to use on drilling machine due to tensile force of right-handed. Please use on machining center, NC lathe and milling machine.

★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.



•This is for through hole. Please do not use for blind hole and stepped hole. Radical mill reamer with OH for blind hole is also available. P.27

•High pressure coolant is not effective. The guide line of the coolant pressure is around 0.5-2.0Mpa.



CARBIDE

FOR THROUGH HOLE