

NIKKEN CARBIDE PF RADICAL MILL REAMER

NIKKEN

PF-RMSS

Carbide Radical Mill Reamer (Straight Shank)



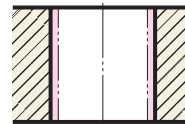
MILLING
BLADE

LH-HELIX
30-35°

TiCN2
COAT

P.132

*See P.4 for icons.



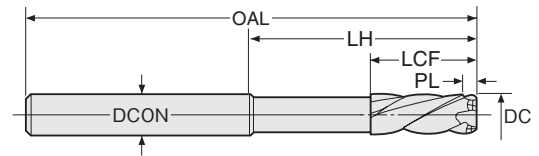
Explanation of the Code No.

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

★PL means chamfering length to DC.

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

★OH type is also available. Please see below.

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					

NIKKEN CARBIDE RADICAL MILL REAMER OH

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PF-RMSS-OH

Carbide Radical Mill Reamer (With Oil Hole)



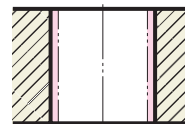
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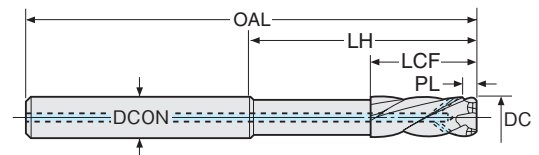
Code No.の説明(例)

PF - RMSS - 12.0 - OH

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
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
	-	-	-	-	-	-	-

★PL means chamfering length to DC.

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

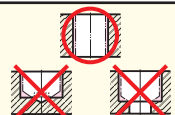
★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

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



•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