

# RTW

A PRODUCT OF KENAMETAL INC.

## RTW Indexable Carbide Tooling

470 Old Evans Road • Evans, GA 30809

Customer Service: 800-525-9855

Technical Service: 800-643-3620 • Fax 800-628-8745

**NEW!**

## Chip Breakers

### PR1



- Rough machining
- 0° Profile Geometry
- .010-.028 ipr
- .050"-.220"

### PF1



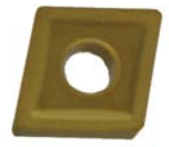
- Finishing
- 10° Profile Geometry
- .004-.018 ipr
- .030"-.120"

### MM1



- Medium machining
- 10° Profile Geometry
- .006-.020 ipr
- .030"-.200"

### MM2

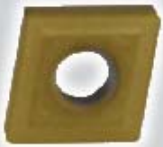


- Medium machining
- 10° Profile Geometry
- .011-.020 ipr
- .060"-.125"

**NEW!**

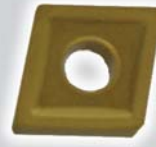
## Grades

### RC1502



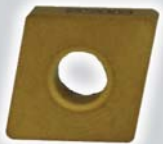
- PVD TiN coating over a very wear resistant unalloyed carbide substrate
- For general purpose machining of high temperature alloys and 200 and 300 series stainless steels

### RC3503



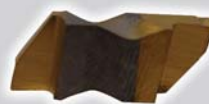
- A tri-phase coating on an extra strong, cobalt enriched substrate
- For general purpose machining of many workpiece materials
- Heavy cutting of low, medium & high carbon steels as well as medium hardness alloy and tool steel

### RC2003



- A CVD-coated grade with a cobalt enriched substrate
- For medium machining of ductile & cast irons as well as steels
- Cobalt enrichment provides an optimum combination of toughness & deformation resistance

### RC2502



- PowrNotch grade with PVD TiAlN coating and tough substrate
- For GP applications in steels, SS, hi-temp alloys, cast iron and non-ferrous
- Low to medium speeds with interruptions and hi feed rates

# Most Popular Inserts

## CCMT

SAP#	ANSI	Grade	Price
3330771	CCMT21505DF	RC1502	\$8.78
3330784	CCMT2151DF	RC1502	\$8.78
3330787	CCMT2151DF	RC3503	\$8.98
3330791	CCMT32505DF	RC1502	\$9.71
3330793	CCMT3251DF	RC1502	\$9.71
3330797	CCMT3252DF	RC1502	\$9.71

## CNMG

SAP#	ANSI	Grade	Price
3330137	CNMG432MM1	RC3503	\$8.94
2043103	CNMG432PR1	RC3503	\$8.94
3329970	CNMG433PR1	RC1502	\$8.94
3329971	CNMG433PR1	RC3503	\$8.94

## DCMT

SAP#	ANSI	Grade	Price
3330808	DCMT2151DF	RC1502	\$8.78
3330824	DCMT3251DF	RC1502	\$9.53
3330828	DCMT3252DF	RC1502	\$9.53

## DNMG

SAP#	ANSI	Grade	Price
3330150	DNMG431MM1	RC3503	\$14.65
3330152	DNMG432MM1	RC3503	\$14.65
2900911	DNMG432PR1	RC3503	\$14.65

## PT

SAP#	ANSI	Grade	Price
3330091	PT3R	RC2502	\$11.26

## RNMG

SAP#	ANSI	Grade	Price
1557656	RNMG43PR1	RC3503	\$6.52
1552534	RNMG64PR1	RC3503	\$14.71

## SCMT

SAP#	ANSI	Grade	Price
3330863	SCMT3251DF	RC1502	\$9.62
3330866	SCMT3252DF	RC1502	\$9.62

## SNMG

SAP#	ANSI	Grade	Price
3330163	SNMG432MM1	RC3503	\$8.65
3330118	SNMG432PF1	RC3503	\$8.65
1595649	SNMG644PR1	RC3503	\$17.18

## TCMT

SAP#	ANSI	Grade	Price
3330879	TCMT21505DF	RC1502	\$9.68
3330880	TCMT2151DF	RC1502	\$9.68
3330883	TCMT2151DF	RC3503	\$9.90
3330884	TCMT2152DF	RC1502	\$9.68
3330886	TCMT3251DF	RC1502	\$11.15
3330890	TCMT3252DF	RC1502	\$11.15

## TNMG

SAP#	ANSI	Grade	Price
3524403	TNMG321MM2	RC3503	\$5.50
3329893	TNMG322MM2	RC3503	\$5.50
3330121	TNMG331PF1	RC1502	\$6.85
2899426	TNMG331PR1	RC3503	\$6.85
1982067	TNMG332PR1	RC3503	\$6.85
3330174	TNMG432MM1	RC3503	\$10.06
1585613	TNMG433PR1	RC3503	\$10.06
2048573	TNMG543PR1	RC3503	\$18.04

## TPMR

SAP#	ANSI	Grade	Price
3330712	TPMR432	RC3503	\$10.87

## TPU

SAP#	ANSI	Grade	Price
3330734	TPU321	RC1502	\$6.79
3330733	TPU321	RC3503	\$6.79
3330735	TPU322	RC1502	\$6.79
1758431	TPU322	RC3503	\$6.79
1533011	TPU432	RC3503	\$12.34
2992232	TPU433	RC3503	\$8.34

## VBMT

SAP#	ANSI	Grade	Price
3330917	VBMT331DF	RC1502	\$12.82
3330921	VBMT332DF	RC1502	\$12.82

## VNMG

SAP#	ANSI	Grade	Price
3330178	VNMG331MM1	RC3503	\$14.18
1545391	VNMG332PR1	RC3503	\$14.18



## GEOMETRIES FOR TURNING

### GEOMETRIES FOR NEGATIVE INSERTS

OPERATION	RTW	VALENITE	ISCAR	MITSUBISHI	SANDVIK COROMANT	SECO TOOLS	STELLRAM	SUMITOMO	TOSHIBA TUNGALOY	WALTER
Fine finishing turning	PF1	-M3 -M2 -C3 -F5	RF/LF -WG	-SH -C	-MF -PF	-MF2	-2B	-ESU -ELU	-TS -SM	-NS6
Finish turning	MM1	-M5 -C2	-TF -PP -GN	-SH -SA -MJ	-MG -MM -PM -QM	-MF3 -M1 -M3 -AL	-2N -91	-ESX -EEX -EUP	-TM -CM	-NM4
General turning	MM2	-M8 -R3	-WG -GN -NP -TNM	-MV -MA -MH -MS	-PM -MM -MR -SM	-MR3 -MR4	-3F -3G -3J	-EGU -EUX -ENG	-TH -SA	-NM5 -NM6 -NR4
General Roughing	PR1	-R4	-TNM -NR -12	-GH -HZ -GJ	-PR -MR	-M5 -MR7 -R4	-3M -4T -4U -5V	-EMU -EMX -ENZ	-TU	-NM9

### GEOMETRIES FOR POSTIVE INSERTS

Finish turning	DF	-PM4	-17 -19	-FV -SV	-UR	-F2 -AL	-62 -64 -3M -T	-ESU -EFM -ENK -NAG -ENS	-PM	-PS5 -PM5
General turning	DF	-PM5	-19	-MV ..MT			-73 -X	-EMU -ENF	-24	-PM5

*Sold only through Industrial Distribution*



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Authorized Distributor

