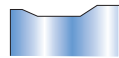
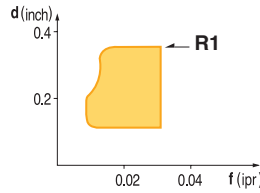




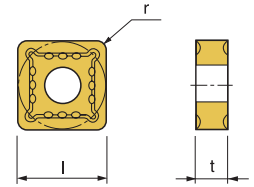
SNMG-R1



- Excellent chip control at deep depth of cut and fast feed rate
- Strong cutting edge makes excellent cutting performance at intermittent cutting

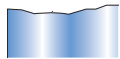


- USE Roughing
- Recommendation
R1 $d = 0.12 \sim 0.32 \text{ inch}$
 $f = 0.012 \sim 0.032 \text{ ipr}$

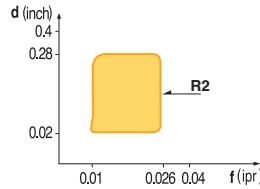


Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)			Applicable Holders	
		PT10C	PT20C	PT22C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	t	r	Holder	Page No.
SNMG 433-R1	120412				146415 \$ 17.21										1/2	3/16	3/64	Turning MSDNN	E50
SNMG 543-R1	150612				146429 \$ 28.24										5/8	1/4	3/64	MSKNR/L MSRNR/L	E50 E51
SNMG 643-R1	190612				146079 \$ 36.87										3/4	1/4	3/64	Boring PSKNR/L	E68

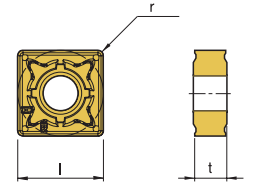
SNMG(M)-R2



- Suitable for heavy duty cutting due to strong cutting edge
- Wide chip control range with low cutting force

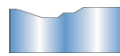


- USE Roughing
- Recommendation
R2 $d = 0.12 \sim 0.44 \text{ inch}$
 $f = 0.012 \sim 0.052 \text{ ipr}$

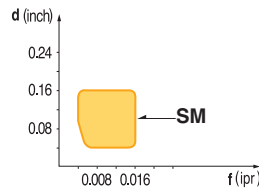


Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)			Applicable Holders	
		PT10C	PT20C	PT22C	PT30C	PT40C	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	PM20U	l	t	r	Holder	Page No.
SNMG 433-R2	120412				147753 \$ 18.08										1/2	3/16	3/64	Turning MSDNN	E50
SNMG 543-R2	150612				147757 \$ 27.44										5/8	1/4	3/64	MSKNR/L MSRNR/L	E50 E51
SNMG 643-R2	190612				146412 \$ 35.84	148626 \$ 36.37									3/4	1/4	3/64	Boring PSKNR/L	E68
SNMG 644-R2	190616				146377 \$ 35.84										3/4	1/4	1/16		

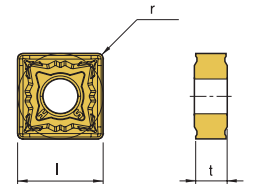
SNMG-SM



- Exclusive design for stainless steel cutting provide longer tool life
- Wear resistance has been reinforced through high rake angle of chip breaker land



- USE Stainless Steel
- Recommendation
SM $d = 0.04 \sim 0.16 \text{ inch}$
 $f = 0.004 \sim 0.016 \text{ ipr}$



Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)			Applicable Holders	
		PT10C	PT20C	PT22C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	t	r	Holder	Page No.
SNMG 431-SM	120404							148161 \$ 17.21							1/2	3/16	1/64	Turning MSDNN	E50
SNMG 432-SM	120408							147747 \$ 17.72							1/2	3/16	1/32	MSKNR/L MSRNR/L	E50 E51
																		Boring PSKNR/L	E68