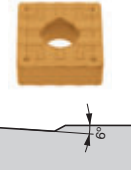
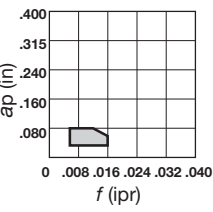
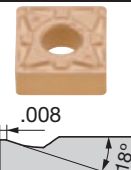
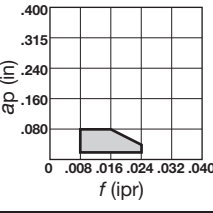

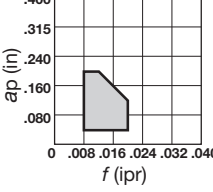
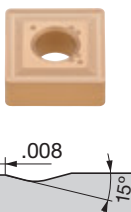
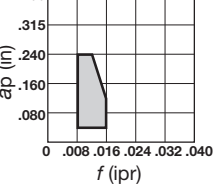
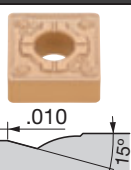
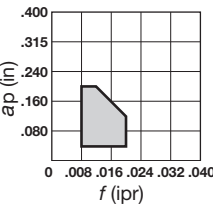
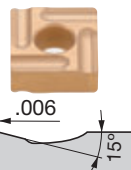
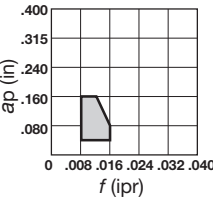


## Square, 90°

## Negative inserts

Application	Chipbreaker Appearance (Cross section)	f - ap	Cat. No	Stocked grades				Dimensions (in)			
				Coated				I.C. dia ød	Thick- ness s	Hole dia ød1	Corner radius rε
				T9105	T9115	T9125	T9135				
Finishing to medium cutting	<b>27</b> 		<b>SNMG 432 TN27</b>			●		.500	.187	.203	.031
			<b>SNMG 433 TN27</b>			○					.047
High feed, small depth of cut	<b>AS</b> 		<b>*SNMG 432 AS</b>	●	●			.500	.187	.203	.031
Medium cutting	<b>TM</b> 		<b>SNMG 321 TM</b>		●	●	○	.375	.125	.150	.016
			<b>SNMG 322 TM</b>		●	●	○				.031
			<b>SNMG 431 TM</b>		●	●		.500	.187	.203	.016
			<b>*SNMG 432 TM</b>	●	●	●	●				.031
			<b>SNMG 433 TM</b>	●	●	●	●				.047
			<b>SNMG 434 TM</b>		○	●	●				.063
			<b>SNMG 542 TM</b>		●			.625	.250	.250	.031
			<b>SNMG 543 TM</b>		●						.047
			<b>SNMG 642 TM</b>		●			.750	.250	.312	.031
			<b>SNMG 643 TM</b>		●						.047
	<b>All-round</b> 		<b>SNMG 321</b>		●	●		.375	.125	.150	.016
			<b>SNMG 322</b>		●	●	○				.031
			<b>SNMG 431</b>		●	●	○	.500	.187	.203	.016
			<b>*SNMG 432</b>	○	●	●	○				.031
			<b>SNMG 433</b>	●	●	●	○				.047
			<b>SNMG 434</b>	●	●	●	○				.063
			<b>SNMG 435</b>		○	○	○	.625	.250	.250	.078
			<b>SNMG 543</b>		●	●	○				.047
			<b>SNMG 544</b>		●	●					.063
			<b>SNMG 643</b>		●	●	●				.750
			<b>SNMG 644</b>		●	●	●	.063			
			<b>SNMG 866</b>		●	●	●	1.000	.375	.359	.094
	<b>DM</b> 		<b>*SNMG 432 DM</b>		●	●		.500	.187	.203	.031
			<b>SNMG 433 DM</b>		●	●	○				.047
	<b>S</b> 		<b>SNMG 431 TRS</b>			●	○	.500	.187	.203	.016
			<b>SNMG 431 TLS</b>			●	○				.016
			<b>*SNMG 432 TRS</b>			●	○				.031
			<b>SNMG 432 TLS</b>			●	○				.031

\*Note: Chipbreaker cross sections are of \* marked insert.

● : Stocked items  
○ : Stocked in Japan