

SQUARE TYPE POSITIVE INSERT

Indexable Inserts for Turning

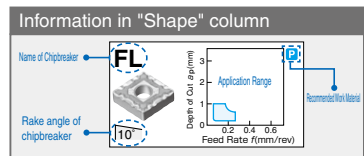
Indexable Inserts

SP

Square Type

11° Relief

Without Insert Hole



(Legend) Continuous Cut ● : 1st Choice ○ : 2nd Choice Medium Cut ⊙ : 1st Choice ⊚ : 2nd Choice Interrupted Cut ☆ : 1st Choice ☆☆ : 2nd Choice

SP 0702

• l : 7.94

• ϕd : 7.94

• s : 2.38

• ϕd_1 :

Recommended Application	Coat														Coated Cermet		Cermet		Carbide														
	AC810P	AC820P	AC830P	AC2000	AC610M	AC630M	AC6030M	AC6040M	AC405K	AC415K	AC420K	AC410K	AC503U	AC510U	AC520U	AC530U	ACZ150	T1500Z	T3000Z	T2000Z	T1000A	T1500A	T110A	T1200A	ST10P	ST20E	A30	G10E	EH510	EH620	H1		
P steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
K cast iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
N non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S exotic alloy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H hardened steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Shape	Cat. No.	r_ϵ
<p>Finishing-Light Cutting</p>	SPGR 070204L-W	0.4
<p>Light Cutting</p>	SPGN 070204	0.4

SP 0903

• l : 9.525

• ϕd : 9.525

• s : 3.18

Recommended Application	Coat														Coated Cermet		Cermet		Carbide														
	AC810P	AC820P	AC830P	AC2000	AC610M	AC630M	AC6030M	AC6040M	AC405K	AC415K	AC420K	AC410K	AC503U	AC510U	AC520U	AC530U	ACZ150	T1500Z	T3000Z	T2000Z	T1000A	T1500A	T110A	T1200A	ST10P	ST20E	A30	G10E	EH510	EH620	H1		
P steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
M stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
K cast iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
N non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S exotic alloy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
H hardened steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Shape	Cat. No.	r_ϵ
<p>Finishing</p>	SPMR 090304N-FK 090308N-FK	0.4 0.8
<p>Finishing-Light Cutting</p>	SPGR 090304L-W	0.4
<p>Light-Medium Cut</p>	SPMR 090304N-SF 090308N-SF	0.4 0.8
<p>Light-Medium Cut</p>	SPMR 090304N-UJ 090308N-UJ	0.4 0.8
<p>Medium Cut</p>	SPMN 090304 090308	0.4 0.8
	SPGN 090302	0.2
	090304	0.4
	090308 090312	0.8 1.2

B

Positive Inserts

C

D

R

S

T

V

W

Solid CBN Ceramic