

SALES BLITZ

Turning Tools: Grooving & Cut-Off WGC

20!

**BUY ~~30~~ INSERTS GET A SQUARE
SHANK TOOL HOLDER FREE!**

(HOLDER SIZES 1", 0.75", 0.625", 0.5", 0.375")

OR

**BUY 30 INSERTS (SAME MM#)
GET ADDITIONAL 10 PIECES OF
THE SAME INSERT FREE!**



Offer valid November 9 – December 31, 2020. Offer void where prohibited by law.
ALL SALES ARE FINAL

Please use "BLITZ" on your P.O.
All P.O.'s must be called or emailed to receive this promo

WIDIA 

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 **ALL-STAR**

WGC is the first choice and most versatile tool for grooving, profiling and cut-off operations.

Grooving:

- First choice for external grooving applications in most workpiece materials.
- Through coolant capability and efficient coolant delivery for enhanced productivity.
- Available in integral and modular style toolholders.
- Groove width 0.0787–0.394" (2–10mm).

Cut-Off:

- Specially engineered chip breakers for effective parting/cut-off, and deep grooving.
- Positive geometry for lower forces.
- Secure seating offers greatest stability.
- Groove width: 0.055–0.315" (1.4–8mm).

Profiling:

- Full radius chipbreakers for multidirectional turning and generating complex profiles.
- Rigid design ensures smooth surface finish.
- Groove width: 0.118–0.315" (3–8mm).

4 BENEFITS IN 1

VERSATILE

GROOVING, PROFILING,
AND CUT-OFF OPERATIONS

SIMPLE

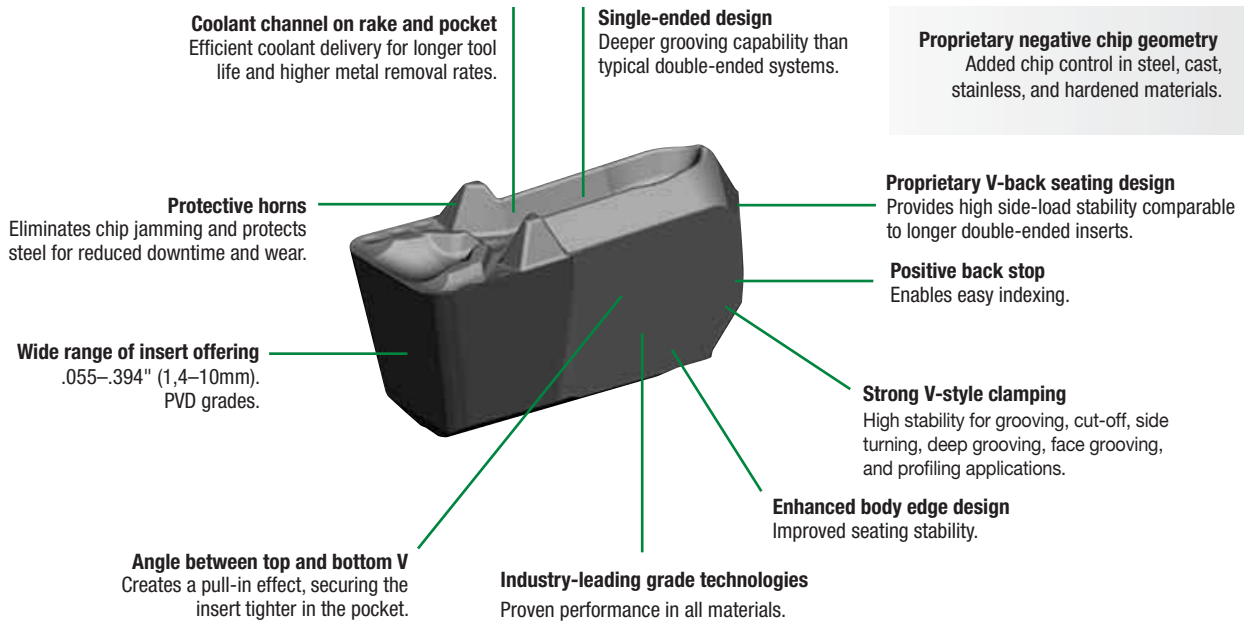
EASY TO SELECT
AND APPLY

STABLE

TRIPLE-V SEATING FOR
SECURE CLAMPING

PRODUCTIVE

LOW CUTTING FORCES IN
THROUGH COOLANT FOR
BETTER CHIP EVACUATION



Grooving
Precision Molded



P M N S

PT-Positive Rake



P M K H

PN-Negative Rake



P M N S

F-Fine



P K

M-Medium



P M

R-Rough

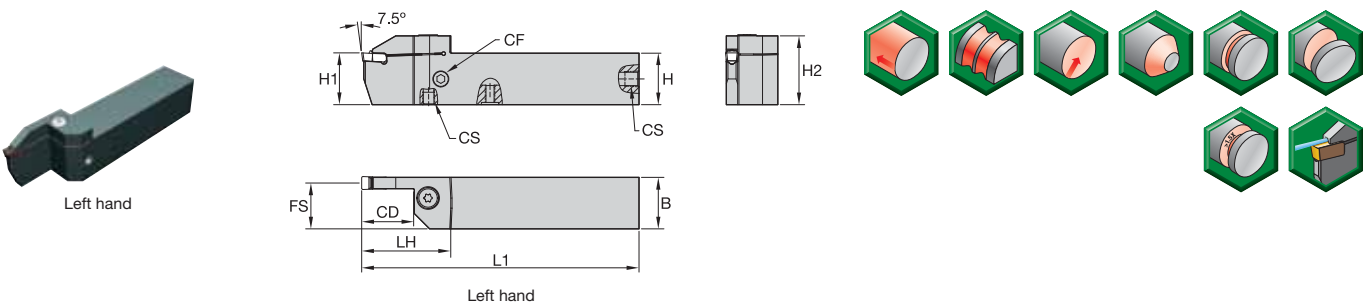


P M N S

PR-Full Radius

NOTE: Use the NOVO™ software to select appropriate toolholder and insert.

Integral Straight • Inch



order number	catalog number	SSC	CD	H1	H	B	H2	L1	FS	LH	CF	CS
right hand												
6461925	WGCSMR160326C	3	1.02	1.000	1.000	1.000	1.39	6.00	.94	1.85	G1/8-28	G1/8-28
6461943	WGCSMR160526C	5	1.02	1.000	1.000	1.000	1.40	6.00	.91	1.85	G 1/8	G 1/8
6461949	WGCSMR160626C	6	1.02	1.000	1.000	1.000	1.40	6.00	.89	1.85	G 1/8	G 1/8
6461957	WGCSMR160826C	8	1.02	1.000	1.000	1.000	1.40	6.00	.86	1.93	G 1/8	G 1/8
left hand												
6461980	WGCSML160626C	6	1.02	1.000	1.000	1.000	1.40	6.00	.89	1.85	G1/8-28	G1/8-28

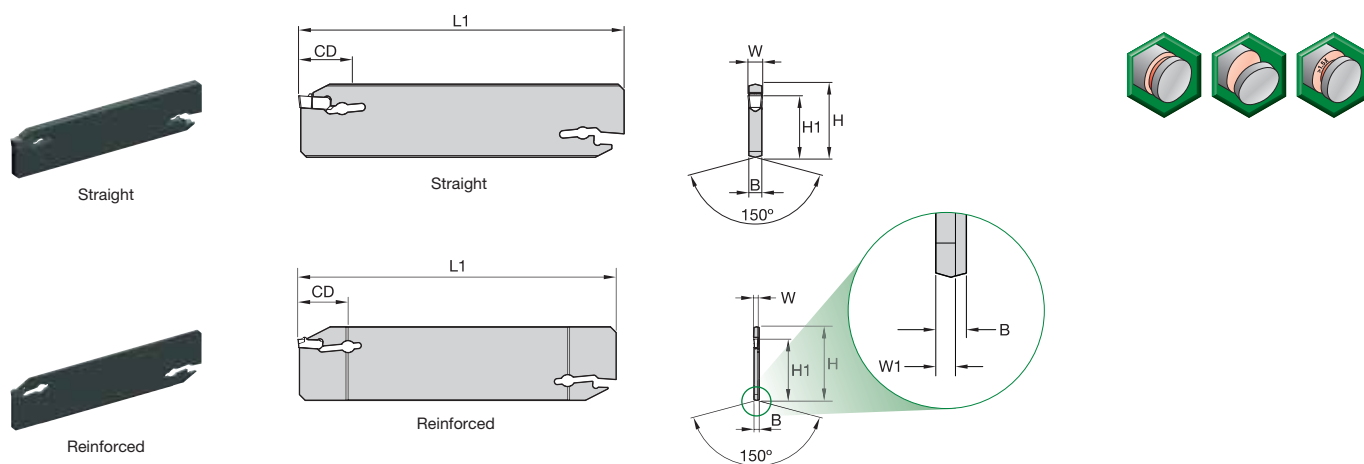
NOTE: SSC = Pocket Seat Reference. To correspond with the SSC on the insert.



FOR MORE INFORMATION ON THE PRODUCTS SHOWN, PLEASE SEE PAGES F108–F131 OF THE TECHNICAL CATALOG.

THE ALL-STAR PROGRAM FEATURES ONLY THE MOST POPULAR PLATFORMS, GRADES, AND SIZES. FOR THE COMPLETE OFFERING, VISIT WIDIA NOVO™ OR WIDIA.COM.

Double-Ended Cut-Off Blade



order number	catalog number	SSC	H	W	W1	H1	L1	B	CD
neutral hand									
6499212	WGCBNS26J0230	2	26	2,0	—	21,5	110	1,65	30
6499215	WGCBNS32M0350	3	32	3,0	—	25,1	150	2,40	50
6499216	WGCBNS26J0440	4	26	4,0	—	21,5	110	3,40	40
6499217	WGCBNS32M0450	4	32	4,0	—	25,1	150	3,40	50

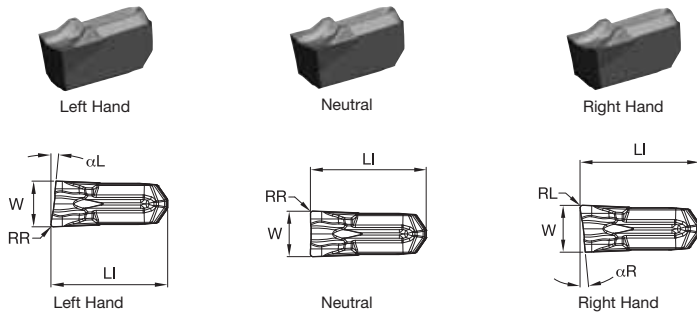
NOTE: SSC = Pocket Seat Reference. To correspond with the SSC on the insert.



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Cut-Off Inserts • F Precision Molded • Metric



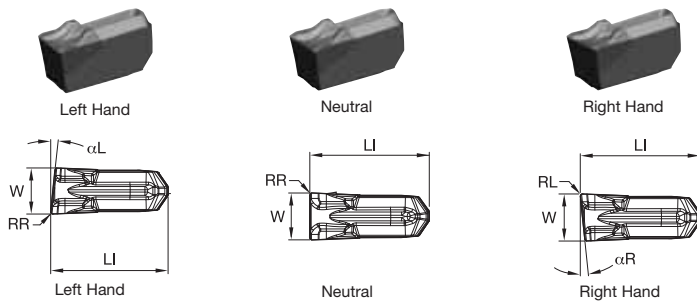
- first choice
- alternate choice

P	Blue	●
M	Yellow	●
K	Red	○
N	Green	○
S	Orange	●
H	Grey	

catalog number	SSC	W		W tol ±		LI		αR	αL	RR		RL		WU25PT
		mm	in	mm	in	mm	in			mm	in	mm	in	
WC020M02N00F02	2	2,00	.079	0,050	.002	9,00	.353	—	—	0,20	.008	0,20	.008	6470548
WC030M03N00F02	3	3,00	.118	0,075	.003	9,60	.378	—	—	0,20	.008	0,20	.008	6470561
WC030M03R06F02	3	3,00	.118	0,075	.003	9,60	.378	6	—	—	—	—	—	6470562
WC040M04N00F02	4	4,00	.157	0,075	.003	10,19	.401	—	—	0,20	.008	0,20	.008	6470564

NOTE: SSC = To correspond with the SSC on the toolholder.

Cut-Off Inserts • M Precision Molded • Metric



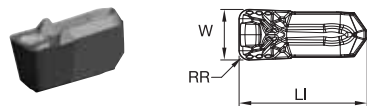
- first choice
- alternate choice

P	Blue	●
M	Yellow	●
K	Red	○
N	Green	○
S	Orange	●
H	Grey	

catalog number	SSC	W		W tol ±		LI		αR	αL	RR		RL		WU25PT
		mm	in	mm	in	mm	in			mm	in			
WC030M03N00M02	3	3,00	.118	0,075	.003	9,60	.378	—	—	0,20	.008	0,20	.008	6461865

NOTE: SSC = To correspond with the SSC on the toolholder.

Grooving Inserts • PT Precision Molded • Metric



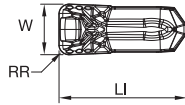
- first choice
- alternate choice

P	Blue	●
M	Yellow	●
K	Red	○
N	Green	○
S	Orange	●
H	Grey	

catalog number	SSC	W		W tol ±		LI		RR		WU25PT
		mm	in	mm	in	mm	in			
WG0312M03U02PT	3	3,13	.123	0,075	.003	9,60	.378	0,20	.008	6461736

NOTE: SSC = To correspond with the SSC on the toolholder.

Grooving Inserts • PT Precision Molded • Inch



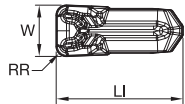
- first choice
- alternate choice

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M	<input checked="" type="checkbox"/>	●
K	<input type="checkbox"/>	○
N	<input type="checkbox"/>	○
S	<input checked="" type="checkbox"/>	●
H	<input type="checkbox"/>	

catalog number	SSC	W		W tol ±		RR		LI		WU25PT
		mm	in	mm	in	mm	in	mm	in	
WG130I03U1PT	3	3,30	.130	0,075	.003	0,40	.016	9,60	.378	6470487
WG130I03U05PT	3	3,30	.130	0,075	.003	0,20	.008	9,60	.378	6470486

NOTE: SSC = To correspond with the SSC on the toolholder.

Grooving Inserts • PN Precision Molded • Metric



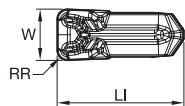
- first choice
- alternate choice

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M	<input checked="" type="checkbox"/>	●
K	<input type="checkbox"/>	○
N	<input type="checkbox"/>	○
S	<input checked="" type="checkbox"/>	●
H	<input type="checkbox"/>	

catalog number	SSC	W		W tol ±		RR		LI		WU25PT
		mm	in	mm	in	mm	in	mm	in	
WG0312M03U02PN	3	3,13	.123	0,075	.003	0,20	.008	9,60	.378	6471042
WG0812M08U08PN	8	8,13	.320	0,075	.003	0,80	.031	17,46	.687	6471050
WG1012M10U12PN	10	10,13	.399	0,075	.003	1,20	.047	20,75	.817	6471064

NOTE: SSC = To correspond with the SSC on the toolholder.

Grooving Inserts • PN Precision Molded • Inch



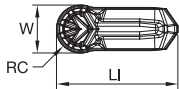
- first choice
- alternate choice

P	<input checked="" type="checkbox"/>	●
M	<input checked="" type="checkbox"/>	●
K	<input type="checkbox"/>	○
N	<input type="checkbox"/>	○
S	<input checked="" type="checkbox"/>	●
H	<input type="checkbox"/>	

catalog number	SSC	W		W tol ±		RR		LI		WU25PT
		mm	in	mm	in	mm	in	mm	in	
WG125I03U1PN	3	3,18	.125	0,075	.003	0,40	.016	9,60	.378	6470834

NOTE: SSC = To correspond with the SSC on the toolholder.

Grooving Inserts • PR Full Radius Precision Ground • Metric



- first choice
- alternate choice

P		●
M		●
K		○
N		○
S		●
H		

catalog number	SSC	W		W tol ±		RC		LI		WU25PT 6470470
		mm	in	mm	in	mm	in	mm	in	
WR0500M05P00PC	5	5,00	.197	0,025	.001	2,50	.098	12,18	.480	

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