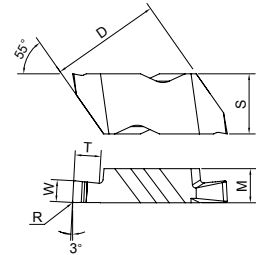


Grooving Inserts

GNGP

Grooving Positive Rake Inserts



Ordering Code	Dimensions(mm)						Insert Size	Stock		
	W	R	T	S	M	D		GM3125	GA4230	GS3115
GNGP2M100L	1.00	0.09	1.27	5.56	3.81	8.74	2		○	○
GNGP2M100R	1.00	0.09	1.27	5.56	3.81	8.74	2		○	○
GNGP2047L	1.19	0.09	1.27	5.56	3.81	8.74	2	●		
GNGP2047R	1.19	0.09	1.27	5.56	3.81	8.74	2	●		
GNGP2M150L	1.50	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2M150R	1.50	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2062L	1.57	0.19	2.79	5.56	3.81	8.74	2	●		
GNGP2062R	1.57	0.19	2.79	5.56	3.81	8.74	2	●		
GNGP2M170L	1.70	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2M170R	1.70	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2070L	1.78	0.19	2.79	5.56	3.81	8.74	2	○		
GNGP2078L	1.98	0.19	2.79	5.56	3.81	8.74	2	○		
GNGP2078R	1.98	0.19	2.79	5.56	3.81	8.74	2	○		
GNGP2M200L	2.00	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2M200R	2.00	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2M220L	2.20	0.19	2.79	5.56	3.81	8.74	2		○	
GNGP2M220R	2.20	0.19	2.79	5.56	3.81	8.74	2		○	
GNGP2094L	2.38	0.19	2.79	5.56	3.81	8.74	2	●		
GNGP2094R	2.38	0.19	2.79	5.56	3.81	8.74	2	●	○	○
GNGP2M250L	2.50	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2M250R	2.50	0.19	2.79	5.56	3.81	8.74	2		○	○
GNGP2125L	3.18	0.19	2.79	5.56	3.81	8.74	2	●		
GNGP2125R	3.18	0.19	2.79	5.56	3.81	8.74	2	●		
GNGP3031L	0.79	0.09	1.27	8.74	4.95	16.1	3	○		
GNGP3031R	0.79	0.09	1.27	8.74	4.95	16.1	3	○		
GNGP3M100L	1.00	0.19	1.91	8.74	4.95	16.1	3	●	○	
GNGP3M100R	1.00	0.19	1.91	8.74	4.95	16.1	3	●	○	
GNGP3047L	1.19	0.19	1.91	8.74	4.95	16.1	3	●		
GNGP3047R	1.19	0.19	1.91	8.74	4.95	16.1	3	●		



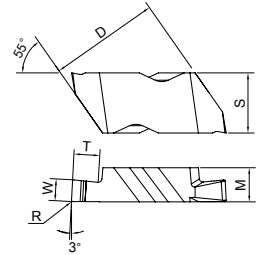
Continue>>

●Stock ○Available upon Order

Grooving Inserts

GNGP

Grooving Positive Rake Inserts



Ordering Code	Dimensions(mm)						Insert Size	Stock		
	W	R	T	S	M	D		GM3125	GA4230	GS3115
GNGP3M150L	1.50	0.19	2.39	8.74	4.95	16.1	3		○	
GNGP3M150R	1.50	0.19	2.39	8.74	4.95	16.1	3	●	○	○
GNGP3062L	1.58	0.19	2.39	8.74	4.95	16.1	3	●		
GNGP3062R	1.58	0.19	2.39	8.74	4.95	16.1	3	●		
GNGP3070L	1.78	0.19	2.39	8.74	4.95	16.1	3	○		
GNGP3078L	1.98	0.19	2.39	8.74	4.95	16.1	3	○		
GNGP3078R	1.98	0.19	2.39	8.74	4.95	16.1	3	○		
GNGP3M200L	2.00	0.19	2.39	8.74	4.95	16.1	3	●		
GNGP3M200R	2.00	0.19	2.39	8.74	4.95	16.1	3	●		
GNGP3094L	2.39	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3094R	2.39	0.19	3.81	8.74	4.95	16.1	3	●	○	○
GNGP3M250L	2.50	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3M250R	2.50	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3M300L	3.00	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3M300R	3.00	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3125L	3.18	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3125R	3.18	0.19	3.81	8.74	4.95	16.1	3	●	○	○
GNGP3M350L	3.50	0.19	3.81	8.74	4.95	16.1	3	●		
GNGP3M350R	3.50	0.19	3.81	8.74	4.95	16.1	3	●		

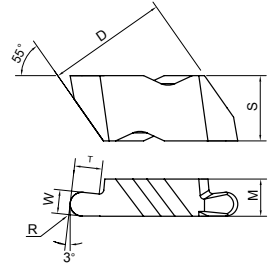



●Stock ○Available upon Order

Grooving Inserts and Threading Inserts

GNR

Full Radius Inserts



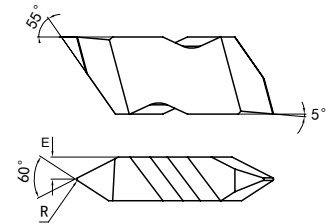
Full Radius Inserts	Dimensions(mm)						Insert Size	Stock			
	W	R	T	S	M	D		GM3125	GA4230	GS3115	
	GNR3M100L	2.00	1.00	2.39	8.74	4.95	16.10	3		○	
	GNR3M100R	2.00	1.00	2.39	8.74	4.95	16.10	3	●	○	
	GNR3M150L	3.00	1.50	3.81	8.74	4.95	16.10	3		○	
	GNR3M150R	3.00	1.50	3.81	8.74	4.95	16.10	3	●	○	
	GNR3062L	3.18	1.59	3.81	8.74	4.95	16.10	3		○	
	GNR3062R	3.18	1.59	3.81	8.74	4.95	16.10	3	●	○	


● Stock ○ Available upon Order

GNTP

60° Partial Profile Threading

Inserts With Positive Top Rake



Ordering Code	Dimensions(mm)						Insert Size	Stock			
	R	E	Pitch					GM3125	GA4230	GS3115	
			External (mm)	Internal (mm)	External TPI	Internal TPI					
	GNTP2L	0.10	1.91	0.70-3.00	1.25-3.50	8-36	7-20	2	●	○	
	GNTP2R	0.10	1.91	0.70-3.00	1.25-3.50	8-36	7-20	2	●	○	
	GNTP3L	0.17	2.49	1.25-4.00	2.00-5.00	4-20	5-12	3	●	○	
	GNTP3R	0.17	2.49	1.25-4.00	2.00-5.00	4-20	5-12	3	●	○	
	GNTP3004L	0.10	2.49	1.25-4.00	2.00-5.00	5-36	5-12	3		○	
	GNTP3004R	0.10	2.49	1.25-4.00	2.00-5.00	5-36	5-12	3		○	

● Stock ○ Available upon Order