

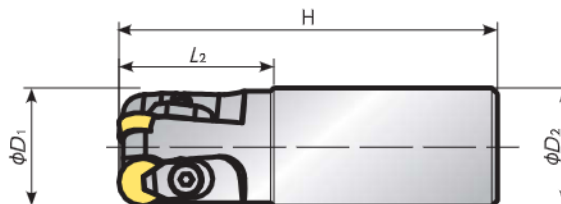


series

* Recommend using torque wrench @35lbs (4Nm)



A.R.+5°
R.R.-7°30'



Inch size cutters

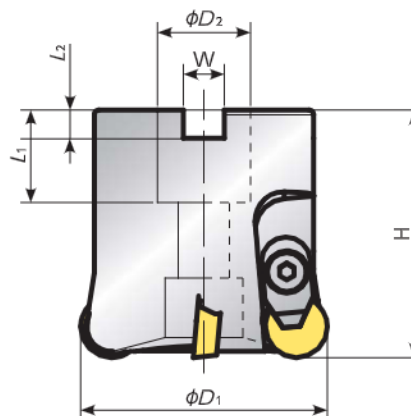
Item Number	Stock		Dimensions (inch)				Clamp	Clamp Screw	Weight (lbs)	Insert
			ϕD_1	D_2	H	L_2				
RPIW0625E0625R02	●	2	.625	.625	3.160	1.250	C-423978	S-3-48*1/4SHCS	0.2	RPG 21.5
RPIW075E075R02	●	2	.750	.750	3.270	1.220	AMS-3	AOB-3S	0.4	RPG 21.5
RPIW100E100R03	●	3	1.000	1.000	3.270	1.000	AMS-4	AOB-4S	0.6	RPG 32
RPIW125E125R03	●	3	1.250	1.250	4.000	1.640	AMS-5T	AOB-5S-T25	1.1	RPG 43
RPIW150E150R03	●	3	1.500	1.500	4.000	1.830			1.6	

Metric size cutters

Item Number	Stock		Dimensions (mm)				Clamp	Clamp Screw	Weight (kg)	Insert
			ϕD_1	D_2	H	L_2				
JRPMW032E250R03	○	3	32	25	120	40	AMS-5T	AOB-5S-T25	0.4	RPG 43
JRPMW032E320R03	○		32	32					0.6	
JRPMW040E320R03	○		40	32					0.7	



A.R.+5°
R.R.-2°30' ~ -5°



Inch size cutters

Item Number	Stock		Dimensions (inch)						Shim	Shim Screw	Clamp	Clamp Screw	A.R.	R.R.	Weight (lbs)	Insert
			ϕD_1	H	D_2	W	L_1	L_2								
RPIW200S075R04	●	4	2.00	2.00	.750	.32	.75	.22	ARP42A	M3 * 8	AMS-5T	AOB-5S-T25	+5°	+5°	0.9	RPG 43
RPIW300S100R05	●	5	3.00	2.00	1.000	.38	.75	.22					+5°	+5°	2.0	
RPIW400S125R06	●	6	4.00	2.00	1.250	.50	.82	.30					+5°	+5°	4.2	

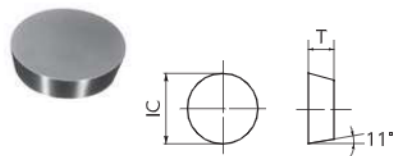
Metric size cutters

Item Number	Stock		Dimensions (mm)						Shim	Shim Screw	Clamp	Clamp Screw	A.R.	R.R.	Weight (kg)	Insert
			ϕD_1	H	D_2	W	L_1	L_2								
JRPMW050S220R04	○	4	50	50	22	10.4	20	6.3	ARP42A	M3 * 8	AMS-5T	AOB-5S-T25	+5°	+5°	0.4	RPG 43
JRPMW063S220R04	○	4	63	50	22	10.4	20	6.3					+5°	+5°	0.6	
JRPMW080S254R05	○	5	80	50	25.4	9.5	25	6.0					+5°	+2°30'	0.9	

● Inserts

(inch)	IC	T	(inch)	IC	T
RPG 21.5	1/4	3/32	RPG 43	1/2	3/16
RPG 32	3/8	1/8			

● : 1st Choice ● : 2nd choice

	Steel	P						
	Stainless Steel	M						
	Cast Iron	K	●	●	●	●	●	●
	Non-Ferrous Material	N						
	Heat Resistant Alloy	S	●	●	●	●	●	●
	Hardened Material	H					●	●
Item Number	ISO Item Number	IC	Ceramics					
			SIALON				Whisker	Alumina - TiC
			SX7	SX3	SX9	SX5	WA1	HC7
RPG 21.5 E02	RPGN 060200 E004	1/4	●					
RPG 21.5 T0220	RPGN 060200 T00520	1/4		●	●	●	●	
RPG 21.5 T0320	RPGN 060200 T00820	1/4	●					
RPG 21.5 T0420	RPGN 060200 T01020	1/4					●	
RPG 32 E02	RPGN 090300 E004	3/8	●					
RPG 32 T0220	RPGN 090300 T00520	3/8		●	●		●	
RPG 32 T0320	RPGN 090300 T00820	3/8	●					
RPG 32 T0420	RPGN 090300 T01020	3/8					●	
RPG 43 E01	RPGN 120400 E002	1/2			●			
RPG 43 E02	RPGN 120400 E004	1/2	●					
RPG 43 T0220	RPGN 120400 T00520	1/2		●	●	●	●	
RPG 43 T0225	RPGN 120400 T00525	1/2			○			
RPG 43 T0320	RPGN 120400 T00820	1/2	●					
RPG 43 T0420	RPGN 120400 T01020	1/2			●	●	●	●
RPG 43 Z0620	RPGN 120400 Z01520	1/2					●	
RPG 43 Z0825	RPGN 120400 Z02025	1/2						●

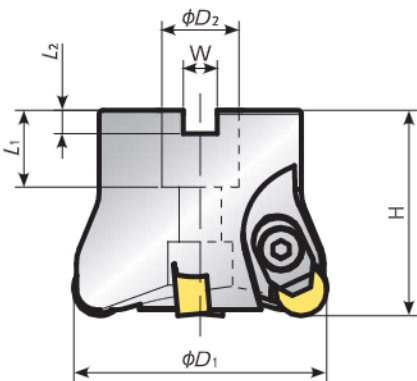
● Recommend Cutting Conditions

Work Material		Grade	Dry	Wet	Cutting Speed (SFM)								Feed (IPT)						Depth of Cut (Inch)
					200	700	1200	1700	2200	2700	3200	3700	.002	.003	.004	.005	.006	.007	
S		SX7	●															~.150	
Heat Resistant Alloys		SX3	●															~.150	
		SX9	●															~.150	
H		WA1	●	○														~.150	
Hardened Steel	HRC 45-55	HC7	●	○														~.150	
	HRC 55-65	WA1	●	○														~.150	
		HC7	●	○														~.150	



* Recommend using torque wrench @35lbs (4Nm)

A.R.-5°
R.R.-10°

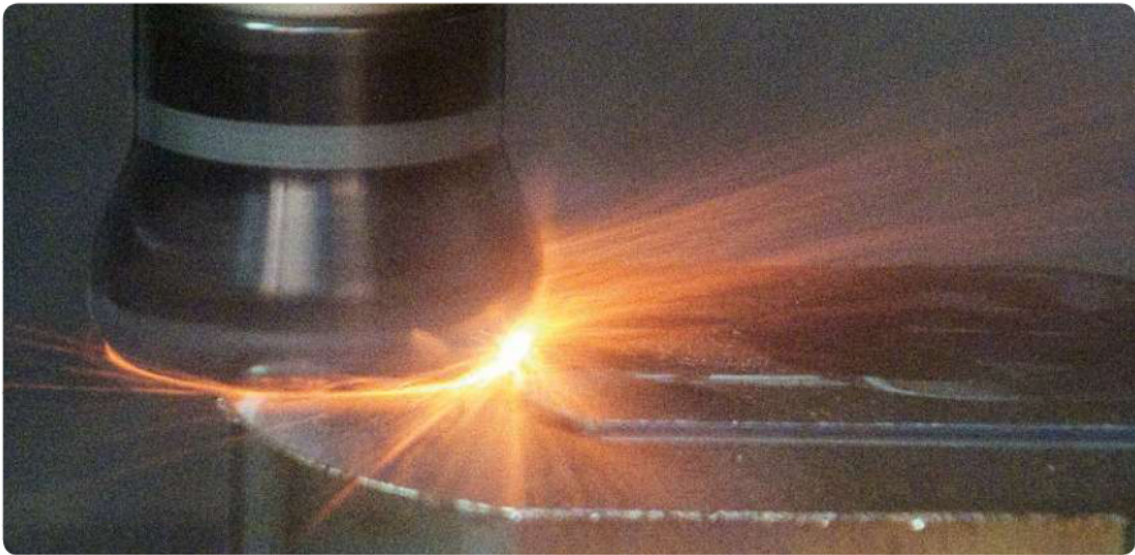


● Inch size cutters

Item Number	Stock		Dimensions (Inch)						Clamp	Clamp Screw	Weight (lbs)	Insert
			ϕD_1	H	ϕD_2	W	L ₁	L ₂				
RNIW200S075R04-43	●	4	2.00	2.00	.750	.32	.75	.22	AMS-6T	AOB-6S-T30	1.0	RNG 43
RNIW200S075R03	●	3	2.00	2.00	.750	.32	.75	.22			1.0	RNG 45
RNIW250S075R04	●	4	2.50	2.00	.750	.32	.75	.22			1.3	
RNIW300S100R05	●	5	3.00	2.00	1.000	.38	.75	.22			1.6	
RNIW400S125R06	●	6	4.00	2.00	1.250	.51	.82	.30			4.2	

● Metric size cutters

Item Number	Stock		Dimensions (mm)						Clamp	Clamp Screw	Weight (kg)	Insert
			ϕD_1	H	ϕD_2	W	L ₁	L ₂				
JRNMW050S220R03	○	3	50	50	22	10.4	20	6.3	AMS-6T	AOB-6S-T30	0.4	RNG 45
JRNMW063S220R04	○	4	63	50	22	10.4	20	6.3			0.6	
JRNMW080S254R05	○	5	80	50	25.4	9.5	25	6.0			0.9	



● Inserts

● : 1st Choice ● : 2nd choice

(inch)	IC	T	(inch)	IC	T
RNG 43	1/2	3/16	RNG 45	1/2	5/16

Item Number	ISO Item Number	IC	Ceramics							
			SIALON				Whisker	Silicon Nitride		Alumina - TiC
			SX7	SX3	SX9	SX5	WA1	SX6	SP9	HC7
RNG 43 E01	RNGN 120400 E002	1/2			●					
RNG 43 E02	RNGN 120400 E004	1/2	●	●						
RNG 43 T0220	RNGN 120400 T00520	1/2		●	●	●	●			
RNG 43 T0225	RNGN 120400 T00525	1/2			○		○			
RNG 43 T0320	RNGN 120400 T00820	1/2	●							
RNG 43 T0420	RNGN 120400 T01020	1/2			●		●		●	●
RNG 43 T0820	RNGN 120400 T02020	1/2						●		
RNG 43 T0825	RNGN 120400 T02025	1/2			○					
RNG 43 Z0825	RNGN 120400 Z02025	1/2								●
RNG 45 E01	RNGN 120700 E002	1/2			●		●			
RNG 45 E02	RNGN 120700 E004	1/2	●	●						
RNG 45 T0220	RNGN 120700 T00520	1/2		●	●	●	●			
RNG 45 T0225	RNGN 120700 T00525	1/2			○		○			
RNG 45 T0320	RNGN 120700 T00820	1/2	●							
RNG 45 T0420	RNGN 120700 T01020	1/2			●	●	●			●
RNG 45 Z0620	RNGN 120700 Z01520	1/2					●			
RNG 45 Z0825	RNGN 120700 Z02025	1/2								●

● Recommend Cutting Conditions

Work Material	Grade	Dry	Wet	Cutting Speed (SFM)								Feed (IPT)						Depth of Cut (inch)
				200	700	1200	1700	2200	2700	3200	3700	.002	.003	.004	.005	.006	.007	
Heat Resistant Alloys	SX7	●																~.150
	SX3	●																~.150
	SX9	●																~.150
Hardened Steel	WA1	●	○															~.150
	HRC 45-55 HC7	●	○															~.150
	HRC 55-65 WA1	●	○															~.150
	HC7	●	○															~.150