

# Slotting, Shouldering Multi-purpose (Radius)

No. of Flutes: 4

## 4PGRM



Workpiece Materials ★ 1st choice

★  
**P**  
~30HRC

★  
**P**  
30~40HRC

**H**  
~55HRC

**K**  
Cast Iron

**TIA&N**

Radius  
**R**

±0.02  
mm  
**R**

**h6**  
Shank Dia.

**50°**

## 4PGRM

Shouldering Slotting

(Unit : mm)

Description	Std.	Outside Dia.	Mill Dia. tolerance	Length of cut	Neck Dia.	Under Neck Length	Shank diameter	Overall length	Spec of Corners
		øDc		l	øD1	l2	øDs	L	r
4PGRM030-045-06-R025	<input type="checkbox"/>	3	-0.014 -0.028	4.5	2.7	9	6	57	R 0.25
4PGRM030-045-06-R050	<input type="checkbox"/>	3	-0.014 -0.028	4.5	2.7	9	6	57	R 0.5
4PGRM040-060-06-R025	<input type="checkbox"/>	4	-0.020 -0.038	6	3.7	12	6	57	R 0.25
4PGRM040-060-06-R050	<input type="checkbox"/>	4	-0.020 -0.038	6	3.7	12	6	57	R 0.5
4PGRM050-075-06-R025	<input type="checkbox"/>	5	-0.020 -0.038	7.5	4.6	15	6	76	R 0.25
4PGRM050-075-06-R050	<input type="checkbox"/>	5	-0.020 -0.038	7.5	4.6	15	6	76	R 0.5
4PGRM060-090-06-R025	<input type="checkbox"/>	6	-0.020 -0.038	9	5.5	18	6	76	R 0.25
4PGRM060-090-06-R050	<input type="checkbox"/>	6	-0.020 -0.038	9	5.5	18	6	76	R 0.5
4PGRM060-090-06-R075	<input type="checkbox"/>	6	-0.020 -0.038	9	5.5	18	6	76	R 0.75
4PGRM060-090-06-R100	<input type="checkbox"/>	6	-0.020 -0.038	9	5.5	18	6	76	R 1.0
4PGRM080-120-08-R050	<input type="checkbox"/>	8	-0.025 -0.047	12	7.4	24	8	100	R 0.5
4PGRM080-120-08-R100	<input type="checkbox"/>	8	-0.025 -0.047	12	7.4	24	8	100	R 1.0
4PGRM080-120-08-R150	<input type="checkbox"/>	8	-0.025 -0.047	12	7.4	24	8	100	R 1.5
4PGRM080-120-08-R200	<input type="checkbox"/>	8	-0.025 -0.047	12	7.4	24	8	100	R 2.0
4PGRM100-150-10-R050	<input type="checkbox"/>	10	-0.025 -0.047	15	9.2	30	10	100	R 0.5
4PGRM100-150-10-R100	<input type="checkbox"/>	10	-0.025 -0.047	15	9.2	30	10	100	R 1.0
4PGRM100-150-10-R150	<input type="checkbox"/>	10	-0.025 -0.047	15	9.2	30	10	100	R 1.5
4PGRM100-150-10-R200	<input type="checkbox"/>	10	-0.025 -0.047	15	9.2	30	10	100	R 2.0
4PGRM120-180-12-R050	<input type="checkbox"/>	12	-0.032 -0.059	18	11	36	12	125	R 0.5
4PGRM120-180-12-R100	<input type="checkbox"/>	12	-0.032 -0.059	18	11	36	12	125	R 1.0
4PGRM120-180-12-R150	<input type="checkbox"/>	12	-0.032 -0.059	18	11	36	12	125	R 1.5
4PGRM120-180-12-R200	<input type="checkbox"/>	12	-0.032 -0.059	18	11	36	12	125	R 2.0
4PGRM160-240-16-R050	<input type="checkbox"/>	16	-0.032 -0.059	24	15	48	16	125	R 0.5
4PGRM160-240-16-R150	<input type="checkbox"/>	16	-0.032 -0.059	24	15	48	16	125	R 1.5
4PGRM200-300-20-R050	<input type="checkbox"/>	20	-0.040 -0.073	30	19	60	20	150	R 0.5
4PGRM200-300-20-R200	<input type="checkbox"/>	20	-0.040 -0.073	30	19	60	20	150	R 2.0

No. of Flutes Z=4

- Radius type with 4 flutes. The diameter of the neck portion is thinner than the cutting diameter and it is suitable for deep slotting. Due to the corner R on the cutting edge, it is applicable for finishing of sloped workpieces.

: Check Availability

Recommended Cutting Conditions L39

