

## Rougher

PM Plus™, Multi Flute, Coarse Pitch

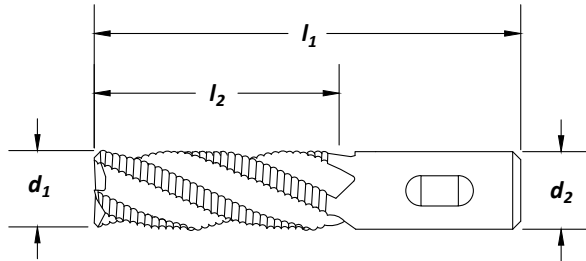


### Style: PMRC-C - Single End

**Note**  
Operating parameters begin on page 310.



Surface Treatment



Center Cutting Powered Metal

cutting diameter $d_1$	decimal equiv.	shank dia $d_2$ (in)	length of cut		overall length $l_1$ (in)	no. of flutes	order number		
			$l_2$ (in)				PMRC-C		
						Bright	TiN	TiCN	
1/4	.2500	.375	.250		2.063	3	C43228	C32213	C32242
1/4	.2500	.375	.625		2.438	3	C43229	C32214	C32243
3/8	.3750	.375	.375		2.125	4	C43230	C32215	C32244
3/8	.3750	.375	.750		2.500	4	C43299	C32216	C32245
3/8	.3750	.375	1.500		3.250	4	C32210	C32217	C32246
1/2	.5000	.500	.500		2.500	4	C43231	C32218	C32247
1/2	.5000	.500	1.250		3.250	4	C43300	C32219	C32248
1/2	.5000	.500	2.000		4.000	4	C32211	C32220	C32249
5/8	.6250	.625	.625		2.750	4	C43232	C32221	C32250
5/8	.6250	.625	1.625		3.750	4	C43301	C32222	C32251
5/8	.6250	.625	2.500		4.625	4	C32212	C32223	C32252
3/4	.7500	.750	.750		3.000	4	C43233	C32224	C32253
3/4	.7500	.750	1.625		3.875	4	C43302	C32225	C32254
3/4	.7500	.750	3.000		5.250	4	C43303	C32226	C32255
7/8	.8750	.875	.875		3.125	5	C43234	C32227	C32256
1	1.0000	1.000	1.000		3.500	5	C43235	C32228	C32257
1	1.0000	1.000	2.000		4.500	5	C43236	C32229	C32258
1	1.0000	1.000	3.000		5.500	5	C43304	C32230	C32259
1	1.0000	1.000	4.000		6.500	5	C43305	C32231	C32260
1-1/8	1.1250	1.125	2.000		4.500	5	C43237	C32232	C32261
1-1/4	1.2500	1.250	2.000		4.500	5	C43238	C32233	C32262
1-1/4	1.2500	1.250	3.000		5.500	5	C43239	C32234	C32263
1-1/4	1.2500	1.250	4.000		6.500	5	C43306	C32235	C32264

Material Reference	Steel (HRc)				Stainless Steel			Cast Iron (HRc)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRc)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright	◆									◆			
TiN	◆									☆			
TiCN	◆		◆		◆	◆				☆	◆	◆	

☆ = Best Performance      ◆ = Acceptable