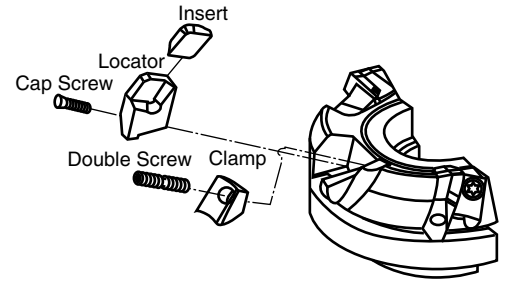
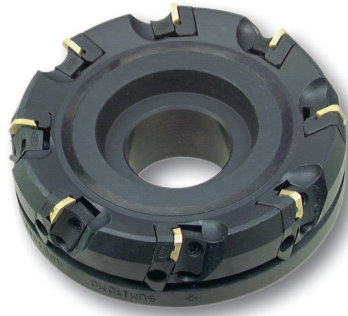


sumiMill Series Indexable Shell Mills

APG "400" Face Mills

**High Positive
Face Mill**



APG Face Mill Series

<p>*Lead Angle: 25° *Axial Rake Angle: +18° *Radial Rake Angle: -2°</p>	<p>Fig. 1</p>			<p>Fig. 2</p>			<p>Fig. 3</p>																																																																									
	<table border="1"> <thead> <tr> <th rowspan="2">Catalog Number</th> <th colspan="7">Dimensions</th> <th rowspan="2">No. of Teeth</th> <th rowspan="2">Max. D.O.C.</th> <th rowspan="2">Fig.</th> <th rowspan="2">I.C.</th> </tr> <tr> <th>D</th> <th>D₁</th> <th>F</th> <th>d</th> <th>a</th> <th>b</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>APG403R</td> <td>3.000</td> <td>3.413</td> <td>1.969</td> <td>1.000</td> <td>.375</td> <td>.250</td> <td>1.000</td> <td>5</td> <td rowspan="3">.275</td> <td>1</td> <td rowspan="3">.500</td> </tr> <tr> <td>APG404R*</td> <td>4.000</td> <td>4.381</td> <td>2.362</td> <td>1.500</td> <td>.625</td> <td>.406</td> <td>1.496</td> <td>5</td> </tr> <tr> <td>APG405R*</td> <td>5.000</td> <td>5.360</td> <td>2.362</td> <td>1.500</td> <td>.625</td> <td>.406</td> <td>1.496</td> <td>6</td> </tr> <tr> <td>APG406R**</td> <td>6.000</td> <td>6.346</td> <td>2.362</td> <td>2.000</td> <td>.750</td> <td>.437</td> <td>1.496</td> <td>8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>APG408R</td> <td>8.000</td> <td>8.327</td> <td>2.756</td> <td>2.500</td> <td>1.000</td> <td>.562</td> <td>1.496</td> <td>10</td> <td></td> <td>3</td> <td></td> </tr> </tbody> </table>								Catalog Number	Dimensions							No. of Teeth	Max. D.O.C.	Fig.	I.C.	D	D ₁	F	d	a	b	E	APG403R	3.000	3.413	1.969	1.000	.375	.250	1.000	5	.275	1	.500	APG404R*	4.000	4.381	2.362	1.500	.625	.406	1.496	5	APG405R*	5.000	5.360	2.362	1.500	.625	.406	1.496	6	APG406R**	6.000	6.346	2.362	2.000	.750	.437	1.496	8				APG408R	8.000	8.327	2.756	2.500	1.000	.562	1.496	10		3
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*Requires BFX3/4x16 arbor screw

**Requires BFX1x14 arbor screw

Inserts

	<p>Figure 1</p>		<p>Figure 2</p>		<p>Figure 3</p>		
	Coated	Uncoated	PCD	Dimensions (Inches)			
Sumitomo Cat. No.	AC325	A30N H1	DA2200 DA150 DA200	I.C.	T	Facet Width	Figure
SDC42R				0.500	0.125	0.0938	1
SDC42TR				0.625	0.1875	0.0938	
SDC53R				0.500	0.125	0.0938	2
NF-SDC42R				0.500	0.125	0.193	3
APW4R							

"T" denotes inserts with T-Land

**See pages 92-93
For recommended running
parameters**

Hardware

Catalog Number	Locator	Insert Clamp	Clamp Bolt	Cap Screw	Wrench
APG403R			WB820		TH040
APG404R					
APG405R	LAP40RL	ATW45RL	WB824T	BXF0520RL	TT27
APG406R			WB824TL		
APG408R					