

### ***P276 SOLID CARBIDE RUFFER BIT***

- Excellent roughing tool for solid wood, Particle Board, MDF and composite materials
- Three flutes with serrated cutting edges
- High feed rates

PART NO.	CUT DIA.	C.E.	OAL	FLUTES	SHANK DIA.
P276RM058200	5/8"	2"	4"	3	5/8"
P276RM034200	3/4"	2"	4"	3	3/4"



### ***P1SP SOLID CARBIDE COMPRESSION BIT***

- Up and down shear provides chip free faces
- Ideal for double-faced materials

PART NO.	CUT DIA.	C.E.	OAL	FLUTES	SHANK DIA..
P1SPRM038114	3/8"	1-1/4"	3"	2+2	3/8"
P1SPRM048421	1/2"	1-1/8"	2-3/4"	2+2	1/2"
P1SPRM012158	1/2"	1-5/8"	3-1/2"	2+2	1/2"
P1SPRM058200	5/8"	2"	4"	2+2	5/8"
P1SPRM034200	3/4"	2"	4"	2+2	3/4"



### ***P175 SOLID CARBIDE UP CUT BIT***

- Used for deep grooving and face down routing
- Excellent chip removal

PART NO.	CUT DIA.	C.E.	OAL	FLUTES	SHANK DIA.
P175RM014100	1/4"	1"	2-1/2"	2	1/4"
P175RM516100	5/16"	1"	3"	2	5/16"
P175RM038114	3/8"	1-1/4"	3"	2	3/8"
P175RM716114	7/16"	1-1/4"	3"	2	1/2"
P175RM012112	1/2"	1-5/8"	3-1/2"	2	1/2"
P175RM916114	9/16"	1-1/4"	3-1/2"	2	1/2"
P175RM058200	5/8"	2"	4"	2	5/8"
P175RM034200	3/4"	2"	4"	2	3/4"



### ***P178 SOLID CARBIDE DOWN CUT BIT***

- Used for face up routing and grooving
- Provides a chip free face

PART NO.	CUT DIA.	C.E.	OAL	FLUTES	SHANK DIA..
P178RM014100	1/4"	1"	2-1/2"	2	1/4"
P178RM516100	5/16"	1"	3"	2	5/16"
P178RM038114	3/8"	1-1/4"	3"	2	3/8"
P178RM716114	7/16"	1-1/4"	3"	2	1/2"
P178RM012112	1/2"	1-5/8"	3-1/2"	2	1/2"
P178RM916114	9/16"	1-1/4"	3-1/2"	2	1/2"
P178RM058200	5/8"	2"	4"	2	5/8"
P178RM034200	3/4"	2"	4"	2	3/4"

