

CARBIDE CUTTERS

Tool / Cut types and features (*' Shows available shank sizes for each cut type)

<p>Single Cut (1)</p>  <p>Single cut produces superior surface finishes. * $\phi 1.6$, $\phi 2.34$, $\phi 3.0$, $\phi 6.0$</p>	<p>Single Cut Coarse (2)</p>  <p>Single Cut Coarse has similar cutting characteristics to Single cut, but is better for gummy materials due to deep helix design. Ideal for rubbers, resins, and plasters. * $\phi 2.34$, $\phi 3.0$</p>	<p>Chip Breaker (3)</p>  <p>Chip Breaker is the single cut with a chip breaker. The chip breaker clears chips easily making aggressive cutting very efficient. Surface finish is rougher than single cut. * $\phi 1.6$, $\phi 2.34$</p>	<p>Alumina Cut (4)</p>  <p>Alumina Cut has very sharp edge with a deep helix. The deep helix design prevents tool loading. Ideal for aluminum, magnesium alloys, plastics and hard rubbers. * $\phi 6.0$</p>
<p>Double Cut (5)</p>  <p>Smooth Cut with small tooth design minimizes chatter. This tool also helps enhance safety as it produces very small chips. * $\phi 2.34$, $\phi 3.0$, $\phi 6.0$</p>	<p>Double Cut Coarse (6)</p>  <p>Deep helix design prevents tool loading. Ideal for grinding hard rubbers, resins and plaster. * $\phi 2.34$</p>	<p>Diamond Cut Fine (7)</p>  <p>Diamond Cut Fine (7) has similar characteristics as Double Cut (5). Specially designed for very hard materials. Produces fine surface finish. * $\phi 2.34$, $\phi 3.0$</p>	<p>Diamond Cut Coarse (8)</p>  <p>Specially designed for very hard materials. Produces fine surface finish. * $\phi 3.0$, $\phi 6.0$</p>



Titanium coating insures long tool life and minimizes tool loading.

SHANK $\phi 3.0$

1 pc./pack **Double Cut**

$\phi 3$	$\phi 6.3$	$\phi 1.5$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 6.3$	$\phi 2.2$	$\phi 3$
2.8	5	6	14	12.7	14	5	14	12.7	5.5	9.5	6	12.7	12.7	5	5	12.7	8°	12.7
21201	21205	21211	21212	21213	21215	21216	21222	21223	21231	21235	21241	21242	21245	21251	21252			

SHANK $\phi 3.0$

1 pc./pack **Double Cut**

$\phi 5$	$\phi 3$	$\phi 3$	$\phi 6.3$	$\phi 3$	$\phi 3$	$\phi 6.3$
14°	6	13	12.7	14°	7°	22°
12.7	11	16	12.7	11	16	12.7
21253	21261	21262	21265	21271	21272	21275

1 pc./pack **Single Cut**

$\phi 2.1$	$\phi 3$	$\phi 5$	$\phi 6.3$	$\phi 1.4$	$\phi 2.5$	$\phi 3$
44	38	38	44	45	38	38
21291	21311	21292	21312	21293	21315	21294

SHANK $\phi 3.0$

1 pc./pack **Single Cut**

$\phi 6.3$	$\phi 6.3$	$\phi 3$	$\phi 3$	$\phi 3$	$\phi 6.3$	$\phi 6.3$	$\phi 3$	$\phi 3$	$\phi 6.3$	$\phi 6.3$
12.7	12.7	8°	14°	7°	12.7	6	6.3	12.7	12.7	12.7
50	52	38	38	38	53	44	38	38	50	52
21295	21316	21296	21318	21319	21297	21299	21321	21322	21323	21324