



















Shape	Features	Cutter Diameter	Available Insert
<b>AP / AD Mills</b> <b>AP11 &amp; AP16 90° Endmills</b>  <p> P. 494</p>	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	0.5 ~ 2.0	<b>APXT</b> 11T3PDSR-F2 11T3PDSR-M 11T3PDR-A 1604PDSR-F2 1604PDSR-M <b>APKT</b> 1604PDR-A <p> P. 462</p>
<b>AP10 &amp; AD15 90° Endmills</b>  <p> P. 495</p>	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	0.375 ~ 1.5	<b>APKT</b> 1003 <b>ADKT</b> 1505 <p> P. 461</p>
<b>AP11-15°</b>  <p> P. 496</p>	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	1.0 ~ 1.5	<b>APXT</b> 11T3PDSR-F2 11T3PDSR-M 11T3PDR-A <p> P. 462</p>
<b>AP16 Chamfer Mills 15°to 60°</b>  <p> P. 496</p>	<ul style="list-style-type: none"> <li>• Indexable Chamfering</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance.</li> </ul>	0.5 ~ 1.0	<b>APKT</b> 1604 <p> P. 460</p>
<b>APCC - Center Cut</b>  <p> P. 497</p>	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	1.0 ~ 1.5	<b>APXT</b> 11T3PDSR-F2 11T3PDSR-M 11T3PDR-A 1604PDSR-F2 1604PDSR-M <b>APKT</b> 1604PDR-MA2 <p> P. 462</p>
<b>APFM 11 / APFM 16 90°</b>  <p> P. 498</p>	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	2.0 ~ 4.0	<b>APXT</b> 11T3PDSR-F2 11T3PDSR-M 11T3PDR-A 1604PDSR-F2 1604PDSR-M <b>APKT</b> 1604 <p> P. 462</p>

Shape	Features	Cutter Diameter	Available Insert
<b>APFM 10 / ADFM 15-90°</b>  P. 499	<ul style="list-style-type: none"> <li>• Indexable endmill for Slotting, Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	2.0 ~4.0	APKT 1003 ADKT 1505 P. 461
<b>APFM 11 / APFM 16 -15°</b>  P. 500	<ul style="list-style-type: none"> <li>• Indexable endmill for Shoulder milling and plane milling.</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance and designed 3 dimension chip breaker.</li> </ul>	3.0 ~ 5.0	APXT 11T3PDSR-F2 11T3PDSR-M 11T3PDR-A 1604PDSR-F2 1604PDSR-M APKT 1604PDFR-MA2 P. 462
<b>OKT-MAX</b>  P. 501	<ul style="list-style-type: none"> <li>• High rake angle,</li> <li>• 8 corners, economical cutter</li> <li>Steel, Alloy steel,</li> <li>Cast iron</li> <li>45° angle of cut</li> </ul>	1.5 ~ 6.00	OFCW 05T3SN OFKT 05T3SN-F2 OFKT 05T3SN-M OFKT 05T3SN-A P. 466,467
<b>OKT 7000</b>  P. 502	<ul style="list-style-type: none"> <li>• High rake angle,</li> <li>• 8 corners, economical cutter</li> <li>Steel, Alloy steel,</li> <li>Cast iron</li> <li>45° angle of cut</li> </ul>	3.15~12.0	OFCN 0704SN OFKR 0704SN P. 465,466
<b>FM 45°</b>  P. 503	45° angle of cut Steel, Cast iron, Light Alloy <ul style="list-style-type: none"> <li>• Less cutting resistance</li> </ul>	3.1~12.4	SECN 42AFN SEKR 42AFSN-F3 SECN 53AFN SEKR 53AFSN-F3 P. 471,472
<b>ECO HIGH SHEAR 45°</b>  P. 504	<ul style="list-style-type: none"> <li>• General use and Economical cutter body suitable to Light alloy steel, Cast iron, Steel and Stainless Steel etc.</li> <li>• Excellent performance by high positive type.</li> <li>• Good chip flow and Easy operation as Screw-on type</li> </ul>	1.26 ~ 1.9	SECA 43AFTN P. 470
<b>ECO HIGH SHEAR 45° Face Mill</b>  P. 505	<ul style="list-style-type: none"> <li>• General use and Economical cutter body suitable to Light alloy steel, Cast iron, Steel and Stainless Steel etc.</li> <li>• Excellent performance by high positive type.</li> <li>• Good chip flow and Easy operation as Screw-on type</li> </ul>	1.5 ~ 6.3	SECA 43AFTN P. 470

Shape	Features	Cutter Diameter	Available Insert
<b>Max Mill</b> <b>Max Mill Endmills-90°</b>  <p>P. 506</p>	<ul style="list-style-type: none"> <li>• Square shouldering cutter can do square shouldering, slotting and facing with 4 corner using insert.</li> <li>• Tool life have been increased through 3 dimensional chip breakers and superb coating grades having optimal wear resistance and toughness.</li> <li>• Combination of tough cutting edge and low cutting force design provide excellent cutting performance.</li> </ul>	1.0 ~ 2.5	<b>SDXT09M405R-A</b> <b>SDXT09M405R-F2</b> <b>SDXT09M405R-M</b> <p>P. 469,470</p>
<b>Max Mill Facemills-90°</b>  <p>P. 507</p>	<ul style="list-style-type: none"> <li>• Square shouldering cutter can do square shouldering, slotting and facing with 4 corner using insert.</li> <li>• Tool life have been increased through 3 dimensional chip breakers and superb coating grades having optimal wear resistance and toughness.</li> <li>• Combination of tough cutting edge and low cutting force design provide excellent cutting performance.</li> </ul>	1.0 ~ 5.0	<b>SDXT09M405R-A</b> <b>SDXT09M405R-F2</b> <b>SDXT09M405R-M</b> <b>SDXT130508R-A</b> <b>SDXT130508R-F2</b> <b>SDXT130508R-M</b> <p>P. 469,470</p>
<b>Max Mill Endmills - 45° Endmill</b>  <p>P. 508</p>	<ul style="list-style-type: none"> <li>• High quality machining with precise design of insert and cutter.</li> <li>• Various choice can be offered through variety of combination of insert and cutter</li> <li>• Excellent machining performance with light cutter and smooth chip control.</li> </ul>	1.0 ~ 2.5	<b>SEEW0903AGN</b> <b>SEET0903AGSN-A</b> <b>SEE(X)T0903AGSN-F2</b> <b>SEE(X)T0903AGSN-M</b> <b>SEET0903AGSN-R8</b> <b>SEEW14M4AGN</b> <b>SEET14M4ASN-A</b> <b>SEE(X)T14M4AGSN-F2</b> <b>SEE(X)T14M4AGSN-M</b> <b>SEXT14M4AGSN-R8</b> <p>P. 472-474</p>
<b>Max Mill Facemills - 45°</b>  <p>P. 509</p>	<ul style="list-style-type: none"> <li>• High quality machining with precise design of insert and cutter.</li> <li>• Various choice can be offered through variety of combination of insert and cutter</li> <li>• Excellent machining performance with light cutter and smooth chip control.</li> </ul>	1.5 ~ 8.0	<b>SEEW0903AGN</b> <b>SEET0903AGSN-A</b> <b>SEE(X)T0903AGSN-F2</b> <b>SEE(X)T0903AGSN-M</b> <b>SEET0903AGSN-R8</b> <b>SEEW14M4AGN</b> <b>SEET14M4ASN-A</b> <b>SEE(X)T14M4AGSN-F2</b> <b>SEE(X)T14M4AGSN-M</b> <b>SEXT14M4AGSN-R8</b> <p>P. 472-474</p>
<b>Mold Mill</b>  <p>P. 510</p>	<ul style="list-style-type: none"> <li>• Distinguished cutting performance by S type edge and optimal design.</li> <li>• High accuracy in finish machining by the cutting edge designed after Solid Ball Endmill.</li> <li>• Simple assembly and hard clamping with two screws.</li> </ul>	0.625 0.750 1.000 1.188 1.250	<b>RC 5/8</b> <b>RC 3/4</b> <b>RC 1"</b> <b>RC 1 1/8</b> <b>RC 1 1/4</b> <p>P. 468</p>
<b>Mold Max</b> <b>MMEM</b>  <p>P. 511</p>	<ul style="list-style-type: none"> <li>• High strength of Cutting Edge and Excellent Surface finish by R type inserts.</li> <li>• Outstanding efficiency in cutting performance with difficult-to-cut material of high degree of hardness.</li> <li>• Suitable to curved surface of moulds.</li> <li>• Economical cutter body assembling with Screw.</li> </ul>	1.25 ~ 2.0	<b>RPMM 120400</b> <p>P. 469</p>
<b>MMFM</b>  <p>P. 512</p>	<ul style="list-style-type: none"> <li>• High strength of Cutting Edge and Excellent Surface finish by R type inserts.</li> <li>• Outstanding efficiency in cutting performance with difficult-to-cut material of high degree of hardness.</li> <li>• Suitable to curved surface of moulds.</li> <li>• Economical cutter body assembling with Screw.</li> </ul>	2.0 ~ 6.4	<b>RPMM 120400</b> <p>P. 469</p>

# CUTTER BODY INDEX

Shape	Features	Cutter Diameter	Available Insert
<b>Chamfer-Mill 45°</b>  <p>P. 513</p>	<ul style="list-style-type: none"> <li>• Square positive insert provide smooth machining</li> <li>• Up to 8mm chamfering is available</li> <li>• General milling is available as well.</li> </ul>	0.28 ~ 1.40	<b>SP□N 422</b> <b>423</b> <p>P. 475</p>
<b>Center Cut Endmill Coolant thru</b>  <p>P. 514</p>	<ul style="list-style-type: none"> <li>• For copy machining.</li> <li>• Several kind of machining is possible such as slotting, copying, due to special cutting insert design.</li> </ul>	1.0 ~ 1.5	<b>MPMT 090308</b> <b>120408</b> <p>P. 463</p>
<b>CT 45 45° Chamfer Tool</b>  <p>P. 514</p>	<ul style="list-style-type: none"> <li>• Indexable Chamfering</li> <li>• Outstanding chip control and prominent machining in Medium and Roughing by Coated insert combined Toughness with Wear Resistance.</li> <li>• Distinguished improvement of Productivity by cutting speed 3~4 times as fast as Brazed endmill.</li> </ul>	$\varnothing$ .125 ~ $\varnothing$ .625 $\varnothing$ .470 ~ $\varnothing$ 1.125	<b>TC_T 21.5_</b> <b>TC_T 32.5_</b> <p>P. 363</p>
<b>Alumi Mill</b> <b>Alumi Endmills</b>  <p>P. 515</p>	<ul style="list-style-type: none"> <li>• Buffing treatment on top face of insert provide smooth chip flow and prevention of build-up-edge.</li> <li>• Fine surface finish of work piece due to high rake angle of insert which lead low cutting force.</li> <li>• Squire shouldering and contouring is possible.</li> <li>• High rigidity of cutter allow high speed machining.</li> </ul>	1.25 ~ 1.50	<b>VCKT 43. 57.5N-MA</b> <p>P. 481</p>
<b>Alumi Facemills</b>  <p>P. 515</p>	<ul style="list-style-type: none"> <li>• Buffing treatment on top face of insert provide smooth chip flow and prevention of build-up-edge.</li> <li>• Fine surface finish of work piece due to high rake angle of insert which lead low cutting force.</li> <li>• Squire shouldering and contouring is possible.</li> <li>• High rigidity of cutter allow high speed machining.</li> </ul>	1.50 ~ 4.0	<b>VCKT 43. 57.5N-MA</b> <p>P. 481</p>
<b>SMC Side Milling Cutters</b>  <p>P. 516</p>	<ul style="list-style-type: none"> <li>• Pentagonal Inserts having 5 cutting corners</li> <li>• Exceptional performance with deep and narrow grooving operations</li> </ul>	3.00~ 8.00	<b>PNEJ</b> <b>PNEJ-C</b> <p>P. 467,468</p>
<b>GP Indexable Drill</b>  <p>P. 518</p>	<ul style="list-style-type: none"> <li>• GP (Indexable Drill)</li> <li>• Indexable drill using indexable insert.</li> <li>• 5~6times higher machining speed provide higher productivity.</li> <li>• Available for turning and milling</li> </ul>	0.625 ~ 2.00	<b>WCMT 030208-C20</b> <b>040208-C20</b> <b>050308-C20</b> <b>06T308-C20</b> <b>080408-C20</b> <b>080412-C20</b> <p>P. 481,519</p>
<b>PRO Indexable Drill</b>  <p>P. 520</p>	<ul style="list-style-type: none"> <li>• Indexable drill using indexable insert.</li> <li>• 5~6times higher machining speed provide higher productivity.</li> <li>• Available for turning and milling</li> </ul>	0.500 ~ 2.187	<b>SPMT 050203-DM</b> <b>060204-DM</b> <b>070204-DM</b> <b>NPMT 222408-00</b> <b>252808-00</b> <b>293208-00</b> <b>334008-00</b> <p>P. 521-523</p>