



## AYDOSA ECONOMIC MILLING LINE

Aydosa brings a fresh and innovative attainment to metalworking, offering a wide range of services. Our target is to exceed the expectations of every client by offering outstanding customer service, increased flexibility, and greater value, improving operation efficiency. Our team is distinguished by its functional and technical expertise combined with their hands-on experience, thereby ensuring that our clients receive the most effective and professional service.



As experts in indexable tooling Aydosa is involved in every stage upon client selection of tool design, reverse engineering and manufacturing service.

Aydosa economic milling line (Special design of milling heads are available) [Contact Now](#)

<p>Full Effective <b>HTEF...</b></p> <p>• <math>K = 90^\circ</math></p>	<p>Full Effective <b>HTES...</b></p> <p><math>\alpha 90^\circ</math></p>	<p>Full Effective <b>BT40-BT50</b></p> <p>APKT 1604 PDER-RM ALSO VALID CAT 40 - CAT 50 / SK 40 - SK 50 SHANK HELICAL MILLING CUTTER</p>
<p><b>HTEF</b> <u>Cylindrical Shank Helical Endmills</u></p>	<p><b>HTES</b> <u>Arbor Type Helical Mill</u></p>	<p><b>HBT40-BT50</b> <u>Shank Helical Milling Cutter</u></p>
<p><b>HTEF</b> <u>Chamfering Mill Line</u></p>	<p><math>\alpha 90^\circ</math> <b>HPE90AP10</b> <u>INDEXABLE ENDMILL LINE</u></p>	<p><math>\alpha 90^\circ</math> <b>HPE90AP16</b> <u>INDEXABLE ENDMILL LINE</u></p>
<p><b>HTEF</b> <u>Chamfering Mill Line</u></p>	<p><b>HPE90AP10</b> <u>Indexable Endmill Line</u></p>	<p><b>HPE90AP16</b> <u>Indexable Endmill Line</u></p>

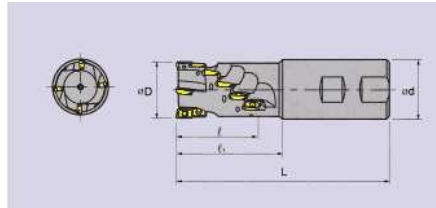
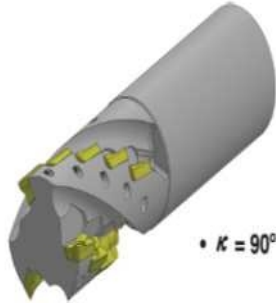
<p>α 90° HTE90AP10 Modular Indexable Endmill Line</p> 	<p>α 90° HTE90AX06 Indexable Endmill Line</p> 	<p>α 90° HTE90AX Modular Indexable Endmill Line</p> 
<p><b><u>HPE90AP10</u></b> <b><u>Modular Indexable Endmill</u></b> <b><u>Line</u></b></p>	<p><b><u>HPE90AX06</u></b> <b><u>Indexable Endmill Line</u></b></p>	<p><b><u>HPE90AX</u></b> <b><u>Modular Indexable Endmill Line</u></b></p>
<p>HTERY - COPY MILLING LINE For RYMX inserts</p> 	<p>HTERY Modular Milling Line For RYMX inserts</p> 	<p>HTDM Drill&amp;Face Mill For XOMT and SPMG inserts</p> 
<p><b><u>HTERY</u></b> <b><u>Copy Milling Line</u></b></p>	<p><b><u>HTERY</u></b> <b><u>Modular Copy Milling Line</u></b></p>	<p><b><u>HTDM</u></b> <b><u>Drill&amp;Face Mill</u></b></p>
<p>HTSF Drill and Face Mill Line For XOMT and SPMG inserts</p> 	<p>HTFM90 Face &amp; Shoulder Milling Heads</p> 	<p>HTFM90AP16 Face&amp;Shoulder Milling Headsfor APKT16 inserts</p> 
<p><b><u>HTSF</u></b> <b><u>Drill&amp;Face Mill Line</u></b></p>	<p><b><u>HTFM90AP10</u></b> <b><u>Face&amp;Shoulder Milling Heads</u></b></p>	<p><b><u>HTFM90AP16</u></b> <b><u>Face&amp;Shoulder Milling Heads</u></b></p>
<p>HTFM75AP16 Face Mill (insert saving series)</p> 	<p>HSCRM45SN</p>  <p>Negative Face Milling Heads</p>	<p>HTFMRD Round Type Face Mill Line</p> 
<p><b><u>HTFM75AP16</u></b> <b><u>Face Mill (insert saving series)</u></b></p>	<p><b><u>HSCRM45SN</u></b> <b><u>Negative Face Milling Heads</u></b></p>	<p><b><u>HTFMRD</u></b> <b><u>Round Type Face Mill Line</u></b></p>
<p>HST Rough&amp;Semi Finish Ball Mill Line</p> 	<p>HTFM45S12</p>  <p>45° Positive Face Milling Heads</p>	<p>HTFM43OFC</p>  <p>43° Positive Face Milling Heads</p>
<p><b><u>HST</u></b></p>	<p><b><u>HTFM45S12</u></b></p>	<p><b><u>HTFM43OFC</u></b></p>


<b><u>Rough&amp;Semi Finish Ball Mill Line</u></b>	<b><u>45° Positive Face Milling Heads</u></b>	<b><u>43° Positive Face Milling Heads</u></b>
<p data-bbox="368 282 491 304"><b>HTFM55HNS</b></p>  <p data-bbox="284 517 587 539"><b>55° Negative Face Milling Heads</b></p>	<p data-bbox="794 286 863 309"><b>HTKF</b></p>  <p data-bbox="735 517 943 539"><b>T Slot Milling Line</b></p>	<p data-bbox="1254 315 1313 338"><b>HSKF</b></p>  <p data-bbox="1193 495 1374 517"><b>Disc Milling Cutter</b></p>
<p data-bbox="284 573 587 663"><b><u>HTFM55HNS</u></b> <b><u>55° Negative Face Milling Heads</u></b></p>	<p data-bbox="730 589 946 651"><b><u>HTKF</u></b> <b><u>T Slot Milling Line</u></b></p>	<p data-bbox="1177 589 1401 651"><b><u>HSKF</u></b> <b><u>Disc Milling Cutter</u></b></p>
<p data-bbox="411 685 464 707"><b>HTZN</b></p>  <p data-bbox="368 958 496 981"><b>Slitting Mill Line</b></p>		
<p data-bbox="336 1003 536 1066"><b><u>HTZN</u></b> <b><u>Slitting Mill Line</u></b></p>		

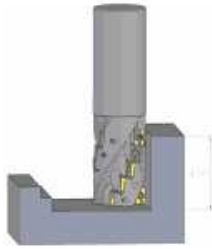


## HTEF CYLINDRICAL SHANK HELICAL ENDMILLS


Cylindrical Shank Helical Endmills

Full Effective HTEF...



Designation	Insert		nr.of insert	D	L	I	ap	d
HTEF-D20-25-W20-AP10	APKT 1003 PDER-RM	2	6	20	110	40	25	20
HTEF-D25-42-W25-AP10	APKT 1003 PDER-RM	2	10	25	115	52	42	25
HTEF-D32-42-W32-AP10	APKT 1003 PDER-RM	3	15	32	120	55	42	32
HTEF-D32-30-W32-AP16	APKT 1604 PDER-RM	2	6	32	120	50	30	32
HTEF-D40-44-W32-AP16	APKT 1604 PDER-RM	3	12	40	140	65	44	32

Insert shape	Insert	Main grade	
	APKT 1003 PDER-RM	Steel and stainless steel	
	APKT 1604 PDER-RM	Cast Iron Ductile Steel	

Size	Screw	Wrench
		
HTEF-...AP10	HSV 2505	T08
HTEF-...AP16	HSV 4009	T15



## HTES ARBOR TYPE HELICAL MILLING TOOLHOLDER

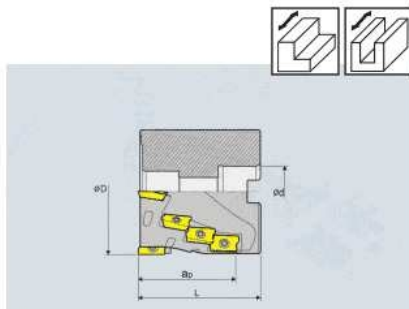
Arbor Type Helical Milling Toolholder


Full Effective

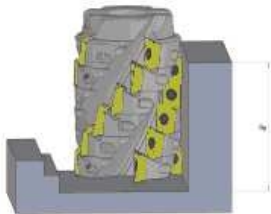
HTES...





$\alpha$  90°



Designation	Insert		nr.of insert	D	d	L	ap
HTES-D50-44-22-AP16	APKT 160408	3	12	50	22	60	44
HTES-D63-44-27-AP16	APKT 160408	4	16	63	27	63	44
HTES-D80-58-32-AP16	APKT 160408	4	20	80	32	75	58
HTES-D100-88-40-AP16	APKT 160408	5	35	100	40	110	88

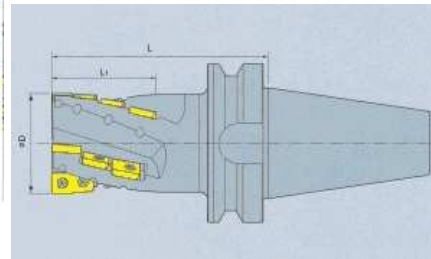
Insert shape	Grade	
APKT 1604 PDER-RM	Steel & Stainless Cast Iron Ductile Steel	




Size	Screw	Wrench
		
HTES-...-...-AP16	HSV4009	T15


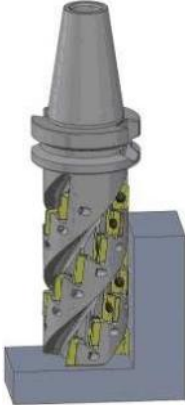
## BT40-BT50 SHANK HELICAL MILLING CUTTER

BT40-BT50 Helical Milling Holder With Conical Shank

Full Effective **BT40-BT50**



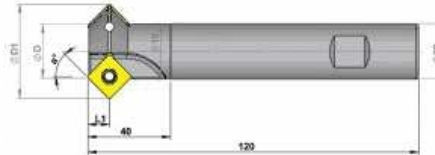
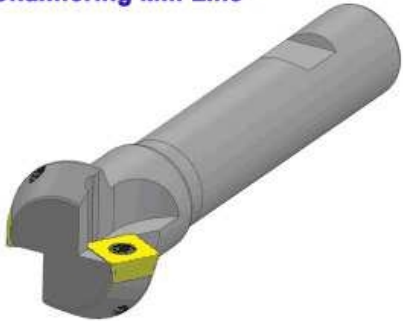
Designation	D	L1	L		Insert	Screw 	Wrench 
(BT40)-(BT50)LEHE50-125-AP16	50	53	125	3	APKT 1604 PDER-RM-12	HSV4010	T15
(BT40)-(BT50)LEHE50-145-AP16	50	74	145	3	APKT 1604 PDER-RM-18	HSV4010	T15
(BT40)-(BT50)LEHE50-165-AP16	50	100	165	3	APKT 1604 PDER-RM-24	HSV4010	T15
(BT40)-(BT50)LEHE50-230-AP16	50	153	230	3	APKT 1604 PDER-RM-36	HSV4010	T15
(BT40)-(BT50)LEHE63-135-AP16	63	64	135	4	APKT 1604 PDER-RM-20	HSV4010	T15
(BT40)-(BT50)LEHE63-155-AP16	63	84	155	4	APKT 1604 PDER-RM-28	HSV4010	T15
(BT40)-(BT50)LEHE63-175-AP16	63	103	175	4	APKT 1604 PDER-RM-32	HSV4010	T15
(BT40)-(BT50)LEHE63-230-AP16	63	153	230	4	APKT 1604 PDER-RM-48	HSV4010	T15
BT50-LEHE80-155-AP16	80	84	155	6	APKT 1604 PDER-RM-42	HSV4010	T15
BT50-LEHE80-175-AP16	80	103	175	6	APKT 1604 PDER-RM-48	HSV4010	T15

Insert shape	Grade	
 APKT 1604 PDER-RM	Steel Steel & Stainless Cast Iron Ductile Steel	

## HTCF CHAMFERING MILL LINE

HTCF Chamfering Mill Line

### HTCF Chamfering Mill Line



15°, 30°, 45° Chamfering Mill Line

Order Code	Insert	Flute	Angel(a)	Ø D	Ø D1	Lenght(L1)	Aplication range
HTCF15-D25-11	SPMT 110408 / SPMG 110408	2	15°	25	30,5	10,1	Ø26,3-Ø30
HTCF30-D25-11	SPMT 110408 / SPMG 110408	2	30°	25	35,5	8,9	Ø26,3-Ø34
HTCF45-D07-11	SPMT 110408 / SPMG 110408	1	45°	7	21,9	7,2	Ø8,3-Ø20,9
HTCF45-D19-11	SPMT 110408 / SPMG 110408	2	45°	19	33,9	7,2	Ø20,3-Ø32,9
HTCF45-D25-11	SPMT 110408 / SPMG 110408	3	45°	25	39,9	7,2	Ø26,3-Ø38,9

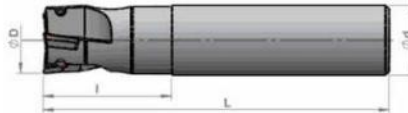
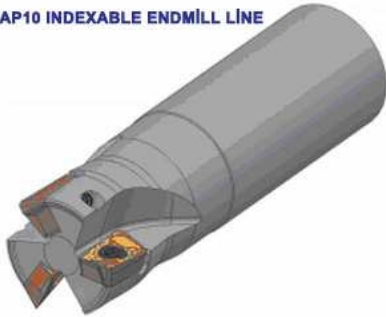


## HTE90AP10 INDEXABLE ENDMILL LINE

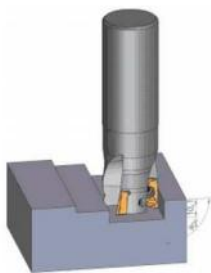
HTE90AP10 Indexable Endmill Line

$\alpha$  90°

HPE90AP10 INDEXABLE ENDMILL LINE



Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTE90AP10-10-1 L80 S10	APKT 1003 PDER-RM	1	10	25	10	80	HSV2505	T08
HTE90AP10-12-1 L80 S12	APKT 1003 PDER-RM	1	12	25	12	80	HSV2505	T08
HTE90AP10-12-1 L120 S12	APKT 1003 PDER-RM	1	12	25	12	120	HSV2505	T08
HTE90AP10-14-1 L80 S12	APKT 1003 PDER-RM	1	14	25	12	80	HSV2505	T08
HTE90AP10-14-1 L120 S12	APKT 1003 PDER-RM	1	14	25	12	120	HSV2505	T08
HTE90AP10-16-2 L90 S16	APKT 1003 PDER-RM	2	16	25	16	90	HSV 2506	T08
HTE90AP10-16-2 L140 S16	APKT 1003 PDER-RM	2	16	30	16	140	HSV 2506	T08
HTE90AP10-20-3 L110 S20	APKT 1003 PDER-RM	3	20	30	20	110	HSV 2506	T08
HTE90AP10-20-2 L150 S20	APKT 1003 PDER-RM	2	20	40	20	150	HSV 2506	T08
HTE90AP10-20-2 L200 S20	APKT 1003 PDER-RM	2	20	40	20	200	HSV 2506	T08
HTE90AP10-25-3 L120 S25	APKT 1003 PDER-RM	3	25	40	25	210	HSV 2506	T08
HTE90AP10-25-2 L210 S25	APKT 1003 PDER-RM	2	25	40	25	160	HSV 2506	T08
HTE90AP10-25-2 L160 S25	APKT 1003 PDER-RM	2	25	28	25	120	HSV 2506	T08
HTE90AP10-32-4 L120 S25	APKT 1003 PDER-RM	4	32	32	25	120	HSV 2506	T08
HTE90AP10-32-3 L160 S25	APKT 1003 PDER-RM	3	32	40	25	160	HSV 2506	T08
HTE90AP10-32-3 L210 S25	APKT 1003 PDER-RM	3	32	40	25	210	HSV 2506	T08

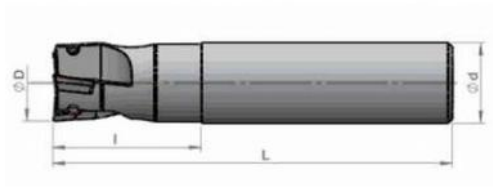


## HTE90AP16 INDEXABLE ENDMILL LINE

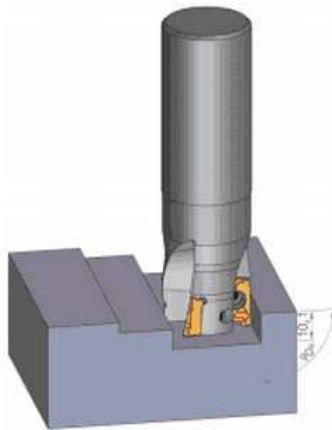
HTE90AP16 Indexable Endmill Line

$\alpha$  90°

HPE90AP16 INDEXABLE ENDMILL LINE



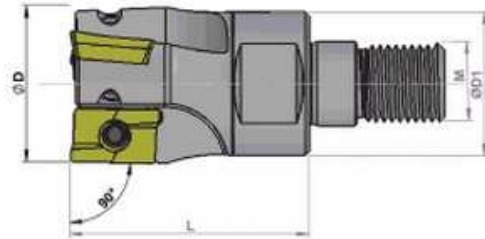
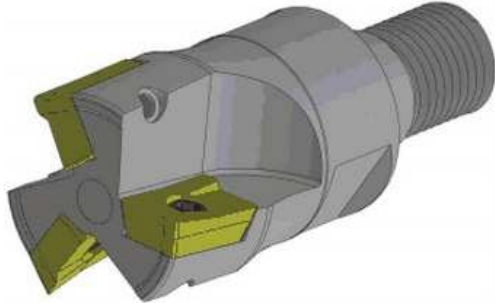
Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTE90AP16-25-2 L120 S25	APKT 1604PDER-RM	2	25	39	25	120	HSV 4010	T15
HTE90AP16-25-2 L160 S25	APKT 1604PDER-RM	2	25	40	25	160	HSV 4010	T15
HTE90AP16-25-2 L210 S25	APKT 1604PDER-RM	2	25	40	25	210	HSV 4010	T15
HTE90AP16-32-2 L120 S32	APKT 1604PDER-RM	2	32	40	32	120	HSV 4010	T15
HTE90AP16-32-2 L160 S32	APKT 1604PDER-RM	2	32	40	32	160	HSV 4010	T15
HTE90AP16-32-2 L210 S32	APKT 1604PDER-RM	2	32	40	32	210	HSV 4010	T15



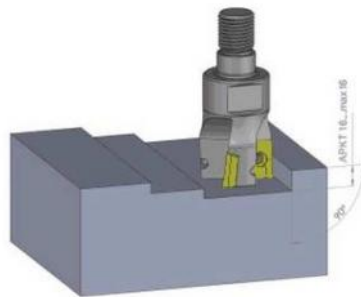
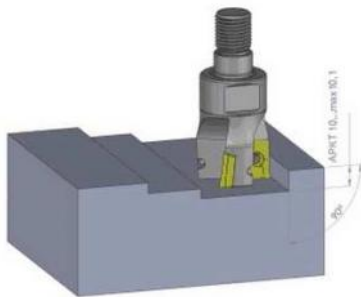
## HPE90AP10 MODULAR INDEXABLE ENDMILL LINE

HTE90AP10 Modular Indexable Endmill Line

α 90° HTE90AP10 Modular Indexable Endmill Line



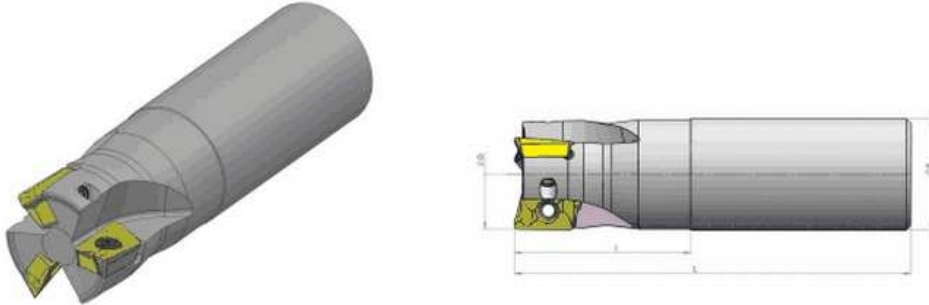
Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTE90AP10-16-2 M08	PDER-RM APKT1003	2	16	23	M8	13	HSV2506	T08
HTE90AP10-20-3 M10	PDER-RM APKT1003	3	20	30	M10	18	HSV2506	T08
HTE90AP10-25-3 M12	PDER-RM APKT1003	3	25	35	M12	21	HSV2506	T08
HTE90AP10-32-4 M16	PDER-RM APKT1003	4	32	43	M16	29	HSV2506	T08
HTE90AP10-40-5 M16	PDER-RM APKT1003	5	40	43	M16	29	HSV2506	T08
HTE90AP16-25-2 M12	PDER-RM APKT1604	2	25	35	M12	21	HSV4009	T15
HTE90AP16-32-3 M16	PDER-RM APKT1604	3	32	43	M16	29	HSV4009	T15
HTE90AP16-40-3 M16	PDER-RM APKT1604	3	40	43	M16	29	HSV4009	T15



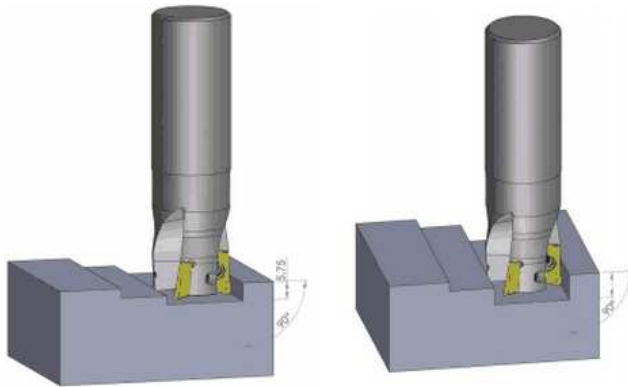
## HPE90AX06 INDEXABLE ENDMILL LINE

HPE90AX06 Indexable Endmill Line

α 90° HTE90AX06 Indexable Endmill Line



Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTE90AX06-10-2 L80 S10	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	2	10	18	10	80	HSV1800	T06
HTE90AX06-12-2 L80 S12	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	2	12	18	12	80	HSV1800	T06
HTE90AX06-16-3 L110 S16	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	3	16	20	16	110	HSV1800	T06
HTE90AX06-16-4 L90 S16	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	4	16	20	16	90	HSV1800	T06
HTE90AX06-18-4 L90 S18	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	4	18	20	18	90	HSV1800	T06
HTE90AX06-20-4 L120 S20	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	4	20	25	20	120	HSV1800	T06
HTE90AX06-20-5 L115 S20	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	5	20	25	20	115	HSV1800	T06
HTE90AX06-25-6 L115 S20	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	6	25	25	20	115	HSV1800	T06
HTE90AX06-25-6 L120 S25	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	6	25	30	25	120	HSV1800	T06
HTE90AX06-32-6 L130 S25	AXMT 0602PER-EM/AL AXMT 0602 ..R-EM	6	32	32	25	130	HSV1800	T06

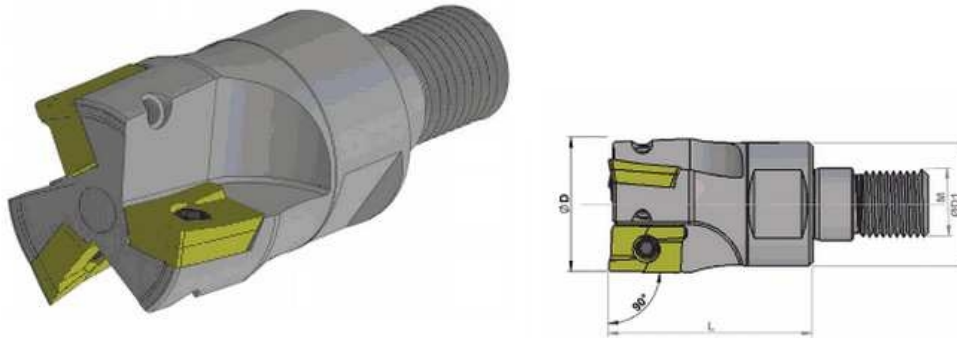




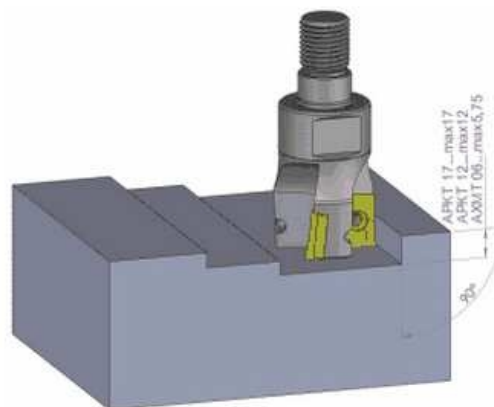
## HPE90AX/AP MODULAR INDEXABLE ENDMILL LINE

HPE90AX/AP Modular Indexable Endmill Line

α 90° **HTE90AX Modular Indexable Endmill Line**



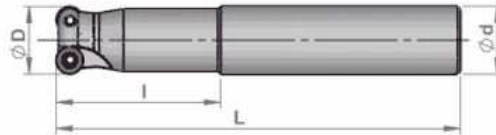
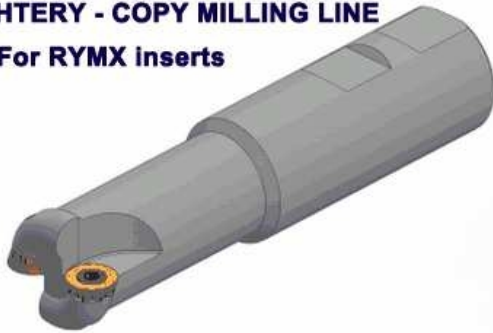
Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTE90AX06-10-2 M06	AXMT0602	2	10	23	M6	9.7	HSV1800	T06
HTE90AX06-12-2 M06	AXMT0602	2	12	23	M6	9.7	HSV1800	T06
HTE90AX06-16-3 M08	AXMT0602	3	16	23	M8	13	HSV1800	T06
HTE90AX06-20-4 M10	AXMT0602	4	20	30	M10	18	HSV1800	T06
HTE90AX06-25-5 M12	AXMT0602	5	25	35	M12	21	HSV1800	T06
HTE90AX06-32-6 M16	AXMT0602	6	32	43	M16	29	HSV1800	T06
HTE90AP12-20-2 M10	APKT1204	2	20	35	M10	18	HSV3509	T15
HTE90AP12-25-3 M12	APKT1204	3	25	35	M12	21	HSV3509	T15
HTE90AP12-32-4 M16	APKT1204	4	32	43	M16	29	HSV3509	T15
HTE90AP12-40-5 M16	APKT1204	5	40	43	M16	29	HSV3509	T15
HTE90AP17-32-2 M16	APKT1705	2	32	43	M16	29	HSV4009	T15
HTE90AP17-32-3 M16	APKT1705	3	32	43	M16	29	HSV4009	T15



## HTERY COPY MILLING LINE

HTERY Copy Milling Line for RYMX inserts

### HTERY - COPY MILLING LINE For RYMX inserts



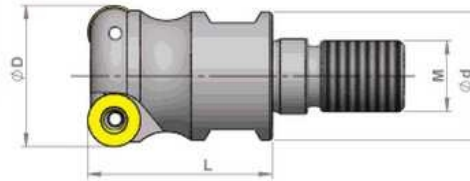
HTERY08, HTERY10, HTERY12, HTERY16, HTERY20

Order Code	Insert	Flute	Ø D1	Lenght(l)	Shank (d)	Lenght(L)	Screw	Wrench
HTERY08-16-2 L110 S20	RYMX0803	2	16	25	20	110	HSV3005	T08
HTERY08-20-3 L150 S20	RYMX0803	3	20	40	20	150	HSV3007	T08
HTERY08-25-4 L150 S25	RYMX0803	4	25	40	25	150	HSV3007	T08
HTERY10-20-2 L160 S20	RYMX/RYHX1004	2	20	60	20	160	HSV3507	T 15
HTERY10-20-2 L250 S25	RYMX/RYHX1004	2	20	60	25	250	HSV3507	T 15
HTERY10-21-2 L200 S20	RYMX/RYHX1004	2	21	30	20	200	HSV3507	T 15
HTERY10-25-2 L250 S32	RYMX/RYHX1004	2	25	53	32	250	HSV3508	T 15
HTERY10-25-2 L160 S25	RYMX/RYHX1004	2	25	60	25	160	HSV3508	T 15
HTERY10-25-3 L160 S25	RYMX/RYHX1004	3	25	60	25	160	HSV3508	T 15
HTERY10-26-2 L200 S25	RYMX/RYHX1004	2	26	30	25	200	HSV3508	T 15
HTERY10-32-4 L160 S32	RYMX/RYHX1004	4	32	60	32	160	HSV3508	T 15
HTERY12-25-2 L160 S25	RYMX/RYHX1205	2	25	60	25	160	HSV 4009	T 15
HTERY12-32-2 L250 S32	RYMX/RYHX1205	2	32	50	32	250	HSV 4009	T 15
HTERY12-32-3 L160 S32	RYMX/RYHX1205	3	32	64	32	160	HSV 4009	T 15
HTERY12-32-3 L105 S32	RYMX/RYHX1205	3	32	35	32	105	HSV 4009	T 15
HTERY12-40-3 L160 S32	RYMX/RYHX1205	3	40	50	32	160	HSV 4009	T 15
HTERY12-40-3 L105 S32	RYMX/RYHX1205	3	40	35	32	105	HSV 4009	T 15
HTERY12-40-4 L150 S32	RYMX/RYHX1205	4	40	35	32	160	HSV 4009	T 15
HTERY12-40-4 L105 S32	RYMX/RYHX1205	4	40	35	32	105	HSV 4009	T 15
HTERY16-40-2 L160 S32	RYMX/RYHX1606	2	40	50	32	160	HSV5010	T 20
HTERY20-50-3 L160 S32	RYMX2007	3	50	50	32	160	HSV6012	T 20
HTERY20-50-3 L200 S40	RYMX2007	3	50	60	40	200	HSV6012	T 20

## HTERY MODULAR COPY MILLING LINE

HTERY Modular Copy Milling Line for RYMX inserts

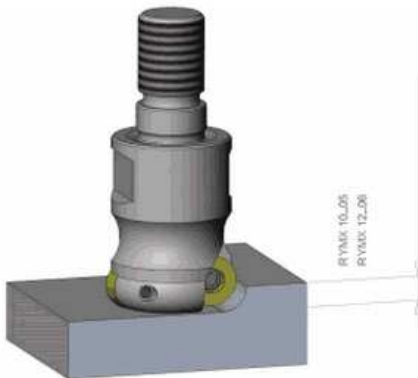
### HTERY Modular Milling Line For RYMX inserts



HTERY10, HTERY12

### Wrench

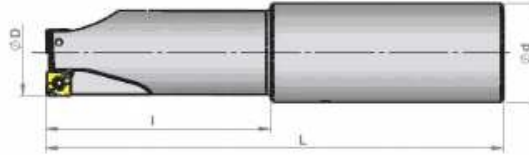
Order Code	Insert	Flute	Ø (D)	Lenght(l)	Shank (M)	Ø (d)	Screw	Wrench
HTERY10-20-2 M10	RYMX 1004	2	20	30	M10	18	HSV3507	T15
HTERY10-25-2 M12	RYMX 1004	5	25	35	M12	21	HSV3507	T15
HTERY10-32-4 M16	RYMX 1004	6	32	43	M16	29	HSV3507	T15
HTERY12-25-2 M12	RYMX1205	2	25	35	M12	21	HSV4009	T15
HTERY12-32-3 M16	RYMX1205	3	32	43	M16	29	HSV4009	T15
HTERY12-40-3 M16	RYMX1205	3	40	43	M16	29	HSV4009	T15



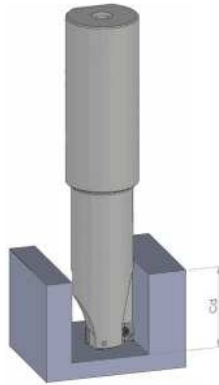
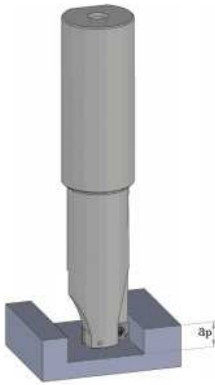
## HTDM DRILL AND FACE MILL

HTDM Drill and Face Mill for XOMT and SPMG inserts

### HTDM Drill&Face Mill For XOMT and SPMG inserts



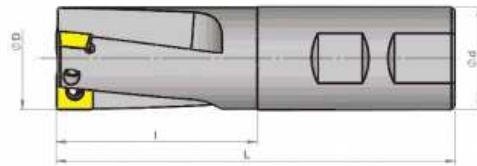
Order Code	Insert	Flute (D)	Lenght (l)	Shank (d)	Lenght (L)	Max drilling depth (cd)	End milling depth (ap)	Screw	Wrench	
HTDM-216-W20-06	XOMT 060204	2	16	25	20	80	16	5,6	HSV 2204	T07
HTDM-220-W25-06	XOMT 060204	2	20	40	25	100	20	5,6	HSV 2205	T07
HTDM-225-W25-09	SPMG 090408	2	25	50	25	110	30	9	HSV 3509	T07
HTDM-232-W32-11	SPMG 110408	2	32	60	32	125	38	10,7	HSV 4009	T15
HTDM-240-W32-11	SPMG 110408	2	40	60	32	125	38	10,7	HSV 4009	T15



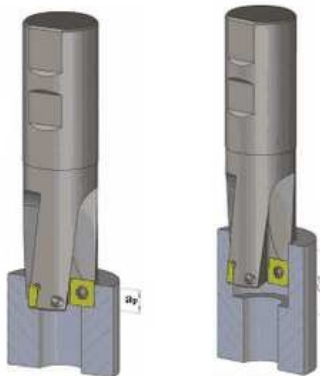
## HTSF DRILL AND FACE MILL LINE

HTSF Drill and Face Mill Line for XOMT and SPMG inserts

### HTSF Drill and Face Mill Line For XOMT and SPMG inserts



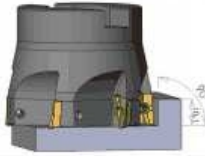
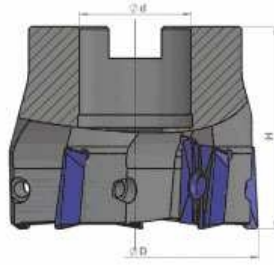
Order Code	Insert	Flute	(D)	Lenght (l)	Shank (d)	Lenght (L)	Max drilling depth (cd)	End milling depth (ap)	Screw	Wrench
HTSF-112-W16-06	XOMT 060204	1	12	27	16	80	18	5,6	HSV 2204	T07
HTSF-216-VV20-06	XOMT 060204	2	16	27	20	90	18	5,6	HSV 2205	T07
HTSF-320-W20-06	XOMT 060204	3	20	25	20	100	18	5,6	HSV 2205	T07
HTSF-225-VV25-09	SPMG 090408	2	25	40	25	115	28	9	HSV 3509	T15
HTSF-332-W32-11	SPMG 110408	3	32	50	32	125	39	10,7	HSV 4009	T15
HTSF440-W32-11	SPMG 110408	4	40	55	32	130	39	10,7	HSV 4009	T15



## HTFM90AP10 FACE AND SHOULDER MILLING HEADS

HTFM90AP10 Face and Shoulder Milling Heads

**HTFM90 Face & Shoulder Milling Heads**



Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFM90AP10-40-4 16R	APKT 1003 PDER-RM	4	40	40	16	0,2	HSV2506	T08
HTFM90AP10-50-6 22R	APKT 1003 PDER-RM	6	50	40	22	0,3	HSV2506	T08
HTFM90AP10-63-7 22R	APKT 1003 PDER-RM	7	63	40	22	0,5	HSV2506	T08



## HTFM90AP16 FACE AND SHOULDER MILLING HEADS

AYDOSA PRODUCTS

HTFM90AP16 Face and Shoulder Milling Heads for AKPT16.. inserts



**HTFM90AP16 Face&Shoulder  
Milling Heads for APKT16 inserts**

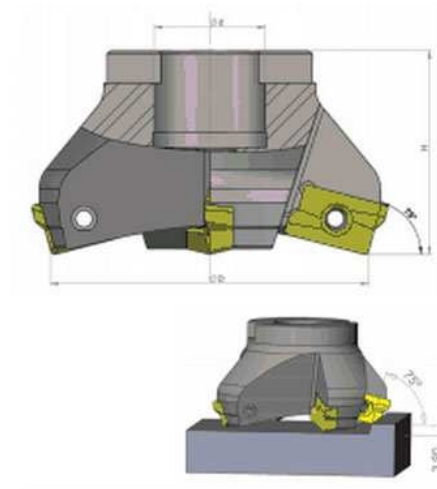
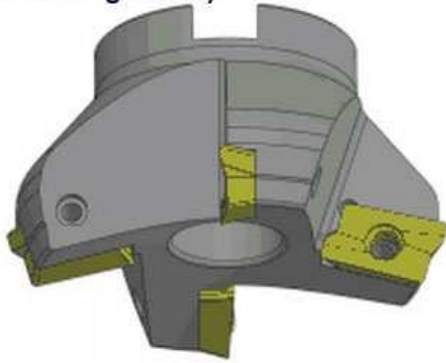
Order Code	Insert	Flute	Diameter(D)	Lenght (H)	Shank (d)	Weight (kg)	Screw	Wrench
HTFM90AP16-050-5-22R	APKT1604PDER-EM	5	50	40	22	0,4	HSV 4010	T15
HTFM90AP16-063-6-22R	APKT1604PDER-EM	6	63	40	22	0,5	HSV 4010	T15
HTFM90AP16-080-7-27R	APKT1604PDER-EM	7	80	50	27	0,8	HSV 4010	T15
HTFM90AP16-100-8-32R	APKT1604PDER-EM	8	100	50	32	1,3	HSV 4010	T15
HTFM90AP16-125-8-40R AL	APKT1604PDER-EM	8	125	63	40	3,9	HSV 4010	T15
HTFM90AP16-160-10-40R AL	APKT1604PDER-EM	10	160	63	40	5	HSV 4010	T15
HTFM90AP16-200-12-60R AL	APKT1604PDER-EM	12	200	63	60	7	HSV 4010	T15
HTFM90AP16-250-16-60R AL	APKT1604PDER-EM	16	250	63	60	-	HSV 4010	T15
HTFM90AP16-315-20-60R AL	APKT1604PDER-EM	20	315	63	60	-	HSV 4010	T15
HTFM90AP16-400-24-60R AL	APKT1604PDER-EM	24	400	63	60	-	HSV 4010	T15



## HTFM75AP16 FACE MILL (INSERT SAVING SERIES)

HTFM75AP16 Face Mill (insert saving series) for AKPT16.. inserts

**HTFM75AP16 Face Mill  
(insert saving series)**

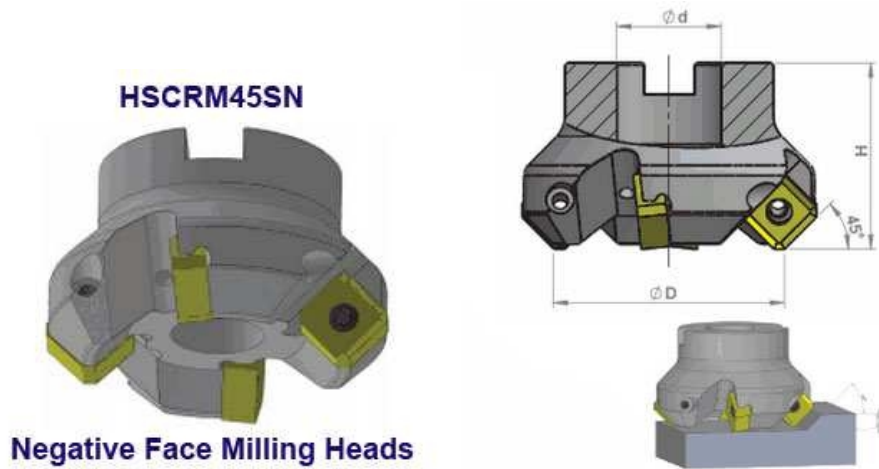


75° Face Mill (Insert saving series)

Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFM75AP16-080-5-27R	APKT1604PDER-RM	5	80	50	27	0,8	HSV4010	T15
HTFM75AP16-100-6-32R	APKT1604PDER-RM	6	100	50	32	1,3	HSV4010	T15
HTFM75AP16-125-6-40R	APKT1604PDER-RM	6	125	63	40	3,9	HSV4010	T15

## HSCRM45SN NEGATIVE FACE MILLING HEADS

HSCRM45SN Negative Face Milling Heads for SNGX inserts



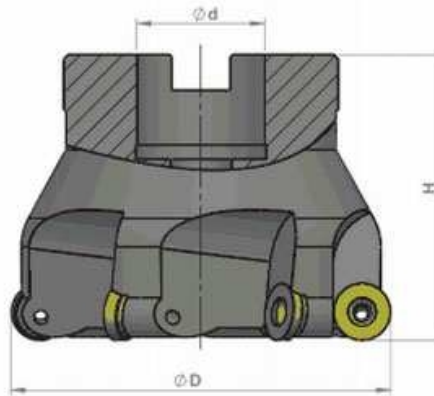
45° Negative Face Mill (Double Sided Insert - 8 Cutting Corners + High Performance)

Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HSCRM45SN-050-4-22R	SNGX1205-SNMX1205	4	50	40	22	0,4	HSV4009	T15
HSCRM45SN-063-6-22R	SNGX1205-SNMX1205	6	63	40	22	0,5	HSV4009	T15
HSCRM45SN-080-7-27R	SNGX1205-SNMX1205	7	80	50	27	0,9	HSV4009	T15
HSCRM45SN-100-8-32R	SNGX1205-SNMX1205	8	100	50	32	1,4	HSV4009	T15
HSCRM45SN-125-10-40R	SNGX1205-SNMX1205	10	125	63	40	3	HSV4009	T15
HSCRM45SN-160-12-40R	SNGX1205-SNMX1205	12	160	63	40	4,2	HSV4009	T15
HSCRM45SN-200-14-60R	SNGX1205-SNMX1205	14	200	63	60	6,7	HSV4009	T15

## HTFMRD ROUND TYPE FACE MILL LINE

HTFMRD Round Type Face Mill Line for RDHW and RDHX inserts

**HTFMRD Round Type  
Face Mill Line**



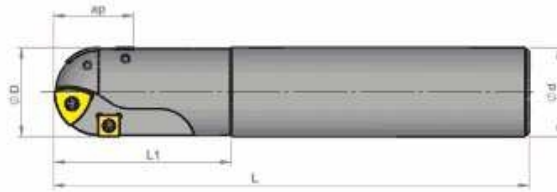
Round type face mill line  $7r = -0^\circ$

Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFMRD-450-22R-12	RDHX12T3-MO- RDHW12T3-MO	4	50	40	22	0,23	HSV 3509	T15
HTFMRD-563-22R-12	RDHX12T3-MO- RDHW12T3-MO	5	63	40	22	0,43	HSV 3509	T15
HTFMRD-680-27R-12	RDHX12T3-MO- RDHW12T3-MO	6	80	50	27	0,8	HSV 3509	T15
HTFMRD-7100-27R-12	RDHX12T3-MO- RDHW12T3-MO	7	100	50	27	1,2	HSV 3509	T15
HTFMRD-350-22R-16	RDHX1604-MO- RDHW1604-MO	3	50	40	22	0,2	HSV 4512	T15
HTFMRD-463-22R-16	RDHX1604-MO- RDHW1604-MO	4	63	40	22	0,35	HSV 4512	T15
HTFMRD-580-27R-16	RDHX1604-MO- RDHW1604-MO	5	80	50	27	0,77	HSV 4512	T15
HTFMRD-6100-32R-16	RDHX1604-MO- RDHW1604-MO	6	100	50	32	1,1	HSV 4512	T15
HTMFRD-8125-40R-12AL	RDHX12T3-MO- RDHW12T3-MO	8	125	60	40	-	HSV 3509	T15
HTMFRD-10160-40R-12AL	RDHX12T3-MO- RDHW12T3-MO	1	160	60	40	-	HSV 3509	T15
HTMFRD-12200-60R-12AL	RDHX12T3-MO- RDHW12T3-MO	12	200	60	60	-	HSV 3509	T15
HTMFRD-8125-40R-16AL	RDHX1604-MO- RDHW1604-MO	8	125	60	40	-	HSV 4512	T15
HTMFRD-10160-40R-16 AL	RDHX1604-MO- RDHW1604-MO	1	160	60	40	-	HSV 4512	T15
HTMFRD-12200-60R-16AL	RDHX1604-MO- RDHW1604-MO	12	200	60	60	-	HSV 4512	T15
HTMFRD-14250-60R-16AL	RDHX1604-MO- RDHW1604-MO	14	250	60	60	-	HSV 4512	T15

## HST ROUGH AND SEMI FINISH BALL MILL LINE

HST Rough and Semi Finish Ball Mill Line for RBET and SPMT inserts

### HST Rough&Semi Finish Ball Mill Line



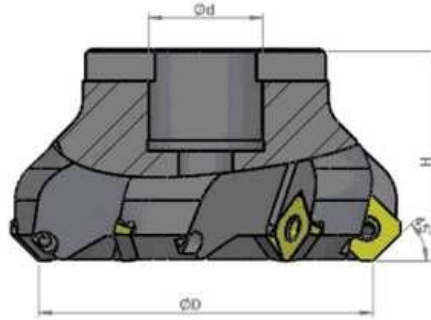
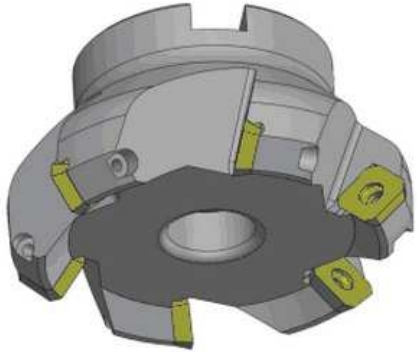
• K = 90° Face Mill

Order Code	Insert	Flute	Insert (square)	Flute	Diameter(D)	Lenght (ap)	Lenght (l)	Lenght (L)	Shank (d)	Screw	Wrench
HST20-TBE20-125	RBET 20-M	2	SPMT 060304 RBE	2	20	20,5	50	125	20	HSV2505	T08
HST20-TBE20-150	RBET 20-M	2	SPMT 060304 RBE	2	20	20,5	80	150	20	HSV2505	T08
HST25-TBE20-200	RBET 20-M	2	SPMT 060304 RBE	2	20	20,5	100	200	25	HSV2505	T08
HST25-TBE25-135	RBET 25-M	2	SPMT 060304 RBE	2	25	23	55	135	25	HSV 2506	T08
HST25-TBE25-170	RBET 25-M	2	SPMT 060304 RBE	2	25	23	90	170	25	HSV 2506	T08
HST25-TBE25-200	RBET 25-M	2	SPMT 060304 RBE	2	25	23	100	200	25	HSV 2506	T08
HST32-TBE30-150	RBET 30-M	2	SPMT 060308 RBE	2	30	31	60	150	32	HSV 2506	T08
HST32-TBE30-180	RBET 30-M	2	SPMT 060308 RBE	2	30	31	90	180	32	HSV 2506	T08
HST32-TBE30-200	RBET 30-M	2	SPMT 060308 RBE	2	30	31	100	200	32	HSV 2506	T08
HST32-TBE32-150	RBET 32-M	2	SDMT 090308 RBE	2	32	32	60	150	32	HSV 4009- HSV 3008	T15/T08
HST32-TBE32-180	RBET 32-M	2	SDMT 090308 RBE	2	32	32	90	180	32	HSV 4009- HSV 3008	T15/T08
HST32-TBE32-200	RBET 32-M	2	SDMT 090308 RBE	2	32	32	100	200	32	HSV 4009- HSV 3008	T15/T08
HST40-TBE40-150	RBET 40M	2	SPMT 120408 RBE	2	40	40	70	150	40	HSV 5010	T 20
HST40-TBE40-180	RBET 40M	2	SPMT 120408 RBE	2	40	40	70	180	40	HSV 5010	T 20
HST40-TBE40-200	RBET 40M	2	SPMT 120408 RBE	2	40	40	70	200	40	HSV 5010	T 20
HST40-TBE40-250	RBET 40M	2	SPMT 120408 RBE	2	40	40	70	250	40	HSV 5010	T 20
HST40-TBE50-150	RBET 50M	2	SPMT 120408 RBE	2	50	50	70	150	40	HSV 5010	T 20
HST50-TBE50-200	RBET 50M	3	SPMT 120408 RBE	2	50	50	110	200	50	HSV 5010	T 20

## HTFM45S12 45° POSITIVE FACE MILLING HEADS

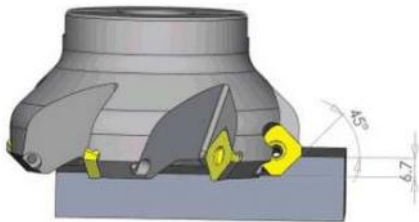
HTFM45S12 45° Positive Face Milling Heads

### HTFM45S12



### 45° Positive Face Milling Heads

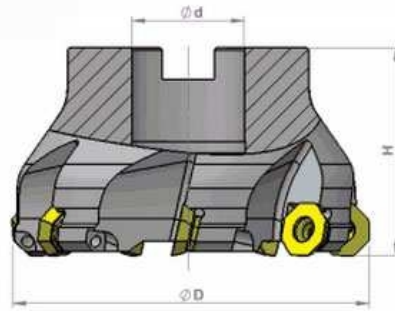
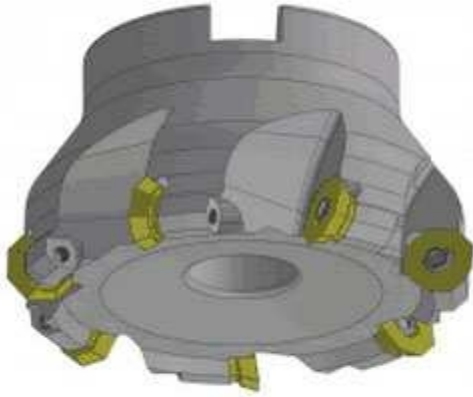
Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFM45SE12-050-4-22R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	4	50	40	22	0,4	HSV 3507	T15
HTFM45SE12-063-5-22R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	5	63	40	22	0,5	HSV 3507	T15
HTFM45SE12-080-6-27R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	6	80	50	27	0,9	HSV 3507	T15
HTFM45SE12-100-8-32R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	8	100	50	32	1,4	HSV 3507	T15
HTFM45SE12-125-10-40R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	10	125	63	40	3	HSV 3507	T15
HTFM45SE12-160-12-40R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	12	160	63	40	4,2	HSV 3507	T15
HTFM45SE12-200-12-60R	AFTN-M SEKT 12T3-AFTN-WC SEKT 12T3	12	200	63	60	6,7	HSV 3507	T15



## TFM43OFC 43° POSITIVE FACE MILLING HEADS FOR OFCT INSERTS

HTFM43OFC 43° Positive Face Milling Heads

### HTFM43OFC

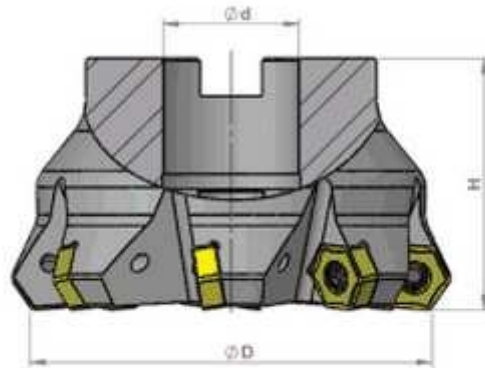


### 43° Positive Face Milling Heads

Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFM430FC-050-5-22R	OFCT05T3	5	50	40	22	0,6	HSV 4010	T15
HTFM430FC-063-6-22R	OFCT05T3	6	63	40	22	1	HSV 4010	T15
HTFM430FC-080-7-27R	OFCT05T3	7	80	50	27	1,3	HSV 4010	T15
HTFM430FC-100-8-32R	OFCT05T3	8	100	50	32	2,6	HSV 4010	T15
HTFM430FC-125-9-40R	OFCT05T3	9	125	63	40	3	HSV 4010	T15

## HTFM55HNS 55°NEGATIVE FACE MILLING HEADS

HTFM55HNS 55°Negative Face Milling Heads



### 55° Negative Face Milling Heads

Negative Rougher For Cast Iron and Steel (Double Side - 12 Cutting Edge + High Performance)

Order Code	Insert	Flute	Diameter(D)	Lenght (l)	Shank (d)	Weight (H)	Screw	Wrench
HTFM55HNS-050-4-22R	HNMX050410-HNCX050410	4	50	40	22	0,4	HSV 4010	T15
HTFM55HNS-063-5-22R	HNMX050410-HNCX050410	5	63	40	22	0,5	HSV 4010	T15
HTFM55HNS-080-6-27R	HNMX050410-HNCX050410	6	80	50	27	1,2	HSV 4010	T15
HTFM55HNS-100-7-32R	HNMX050410-HNCX050410	7	100	50	32	2,1	HSV 4010	T15
HTFM55HNS-125-10-40R	HNMX050410-HNCX050410	10	125	63	40	3,5	HSV 4010	T15



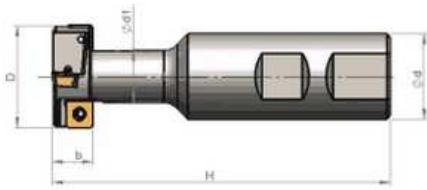
## HTKF T SLOT MILLING LINE

HTKF T Slot Milling Line

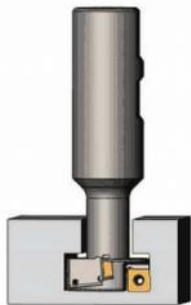
**HTKF**



**T Slot Milling Line**

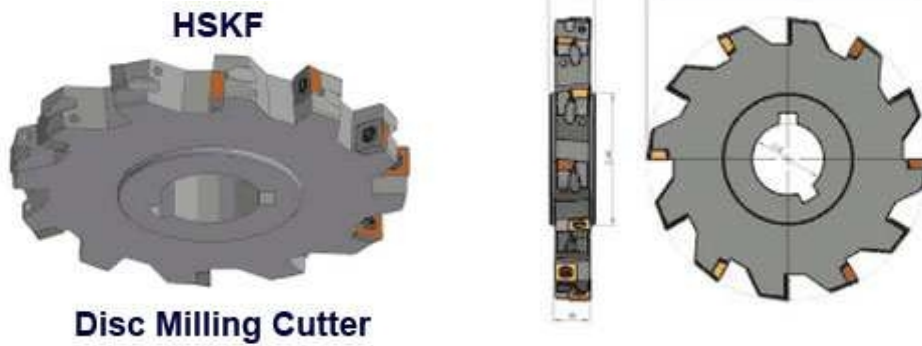


Order Code	Insert	Flute	Diameter(D)	Length (l)	Shank (d)	Weight (H)	Figure	Screw	Wrench
HTKF 23 09 R02 SPM06 V20	SPMG 060204	2	23	90	13	0,2		HSV2205	T07
HTKF 25 10 R02 SPM07 V20	SPMG 07T308	2	25	90	12,5	0,25		HSV 2507(TS250551)	T08
HTKF 30 12 R02 SPM07 V25	SPMG 07T308	2	30	100	16	0,3		HSV 2507(TS250551)	T08
HTKF 34 14 R02 SPM09 V25	SPMG 090408	2	34	100	18	0,36		HSV3509(TS35088I/T10)	T15
HTKF 36 15 R02 SPM09 V25	SPMG 090408	2	36	100	20	0,4		HSV3509(TS35088I/T10)	T15
HTKF 42 17 R04 SPM11 V32	SPMG 110408	4	42	110	22	0,5		HSV 4010(TS40093I)	T15
HTKF 47 20 R04 SPM12 V32	SPMG 120408	4	47	110	25	0,65		HSV 4010(TS40093I)	T15
HTKF 55 22 R04 SPM12 V32	SPMG 120408	4	55	120	32	1		HSV 4010(TS40093I)	T15

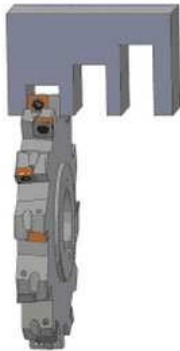


## HSKF DISC MILLING CUTTER

HSKF Disc Milling Cutter

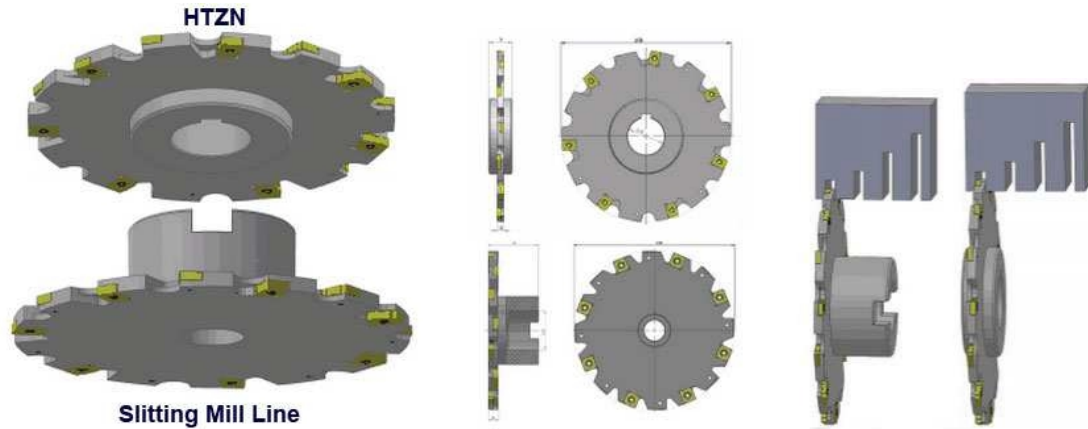


Order Code	Insert	Diameter(D)	d	H	B	di	Z	Screw	Wrench
HSKF100 10 R10 SP0602 D27	SPMT/SPMG060204	100	27	50	10	48	10	HSV 2205(TS 22052I/HG)	T07
HSKF100 12 R10 SP07T3 D27	SPMG07T308	100	27	50	12	48	10	HSV 2507(TS 25064I)	T08
HSKF100 14 R10 SP0904 D27	SPMG090408	100	27	50	14	48	10	HSV 3509(TS35088I/T10)	T15
HSKF125 10 R12 SP0602 D32	SPMT/SPMG060204	125	32	50	10	58	12	HSV 2205(TS 22052I/HG)	T07
HSKF125 12 R12 SP0904 D32	SPMG090408	125	32	50	12	58	12	HSV 3509(TS35088I/T10)	T15
HSKF125 16 R10 SP1104 D32	SPMG110408	125	32	50	16	58	10	HSV 4010(TS 40093I)	T15
HSKF160 10 R12 SP0602 D40	SPMT/SPMG060204	160	40	50	10	68	12	HSV 2205(TS 22052I/HG)	T07
HSKF160 12 R12 SP07T3 D40	SPMG07T308	160	40	50	12	68	12	HSV 2507(TS 25064I)	T08
HSKF160 16 R12 SP0904 D40	SPMG090408	160	40	50	16	68	12	HSV 3509(TS35088I/T10)	T15
HSKF160 18 R10 SP1104 D40	SPMT/SPMG110408	160	40	50	18	68	10	HSV 4010(TS 40093I)	T15
HSKF160 20 R10 SP1104 D40	SPMT/SPMG110408	160	40	50	20	68	10	HSV 4010(TS 40093I)	T15
HSKF 250-20 R16 SPMG07 D50	SPMT/SPMG110408	250	40	50	16	68	10	HSV 4010(TS 40093I)	T15



## HTZN SLITTING MILL LINE

HTZN Slitting Mill Line



Double sided disc mills, perfect cutting performance, easy chip removing special design, low production cost, long tool and insert life

Order Code	Insert	Diameter(D)	d	B	H	Flute	Ae	Screw	Wrench
HTZN 0080-03-22-Z018	ZNHT018	80	22	3	8	5+5	21	HSV 2504	T08
HTZN 0100-03-27-Z018	ZNHT018	100	27	3	12	6+6	26	HSV 2504	T08
HTZN 0125-03-32-Z018	ZNHT018	125	32	3	12	7+7	35	HSV 2504	T08
HTZN 0160-03-40-Z018	ZNHT023	160	40	3	12	9+9	49	HSV 2504	T08
HTZN 0080-04-22-Z023	ZNHT023	80	22	4	8	5+5	21	HSV 2504	T08
HTZN 0100-04-27-Z023	ZNHT023	100	27	4	12	6+6	27	HSV 2504	T08
HTZN 0125-04-32-Z023	ZNHT023	125	32	4	12	7+7	37	HSV 2504	T08
HTZN 0160-04-40-Z023	ZNHT023	160	40	4	12	9+9	50	HSV 2504	T08
HTZN 0080-05-22-Z028	ZNHT028	80	22	5	8	5+5	21	HSV 2504	T08
HTZN 0100-05-27-Z028	ZNHT028	100	27	5	12	6+6	27	HSV 2504	T08
HTZN 0125-05-32-Z028	ZNHT028	125	32	5	12	7+7	32	HSV 2504	T08
HTZN 0160-05-40-Z028	ZNHT028	160	40	5	12	9+9	50	HSV 2504	T08
HTZN 0080-06-22-Z033	ZNHT033	80	22	6	8	5+5	21	HSV 2504	T08
HTZN 0100-06-27-Z033	ZNHT033	100	27	6	12	6+6	27	HSV 2504	T08
HTZN 0125-06-32-Z033	ZNHT033	125	32	6	12	7+7	37	HSV 2504	T08
HTZN 0160-06-40-Z033	ZNHT033	160	40	6	12	9+9	50	HSV 2504	T08
HTZN 0200-06-50-Z033	ZNHT033	200	50	6	12	10+10	63	HSV 2504	T08
HTZN 0250-06-50-Z033	ZNHT033	250	50	6	12	12+12	80	HSV 2504	T08
HTZN 0080-08-22-Z043	ZNHT038	80	22	8	12	5+5	20	HSV 4008	T15
HTZN 0100-08-27-Z043	ZNHT038	100	27	8	12	6+6	27	HSV 4008	T15
HTZN 0125-08-32-Z043	ZNHT038	125	32	8	12	7+7	37	HSV 4008	T15
HTZN 0160-08-40-Z043	ZNHT038	160	40	8	12	9+9	50	HSV 4008	T15
HTZN 0200-08-50-Z043	ZNHT038	200	40	8	12	10+10	63	HSV 4008	T15
HTZN 0250-08-50-Z043	ZNHT038	250	50	8	12	12+12	88	HSV 4008	T15

Given illustration is double side discmill. For right handed discmill please ask with HSKFR and for left handed discmill please ask with HSKFL code.