

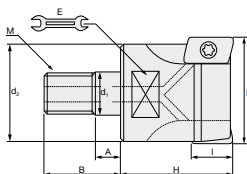
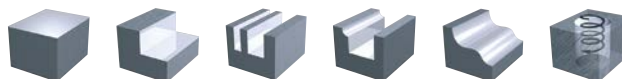
Indexable Milling Tools

AHUM | High-Feed Ultra End Mill Modular

Q max
High Efficient

▽
Roughing

No. of Teeth
2-5



Tolerance Dia.:	Tolerance CR:	Torque on screw:
-0.05/-0.2 mm	+0.08/-0.08 mm	1.3 Nm

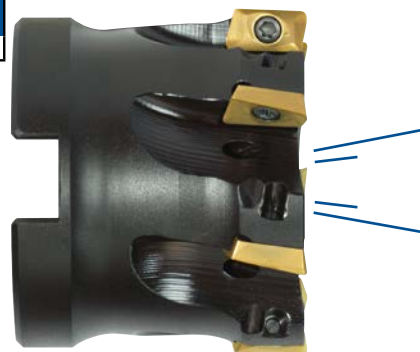
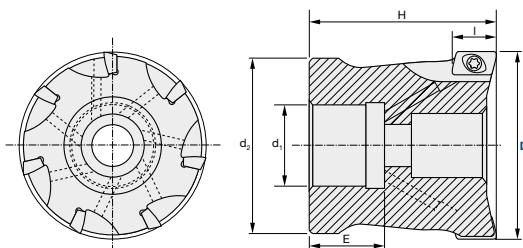
Modular Type												
ID Code	Item Code	Flutes	D	I	H	d ₁	M	d ₂	A	B	E	Inserts
FH 525	AHUM-1016R-2	2	16	9	25	8.5	M8	13	5.5	16	10	JDMT-1003-R../-FW JDET-1003-R../-FA
FH 526	AHUM-1020R-3	3	20		30	10.5	M10	18		18	15	
FH 527	AHUM-1025R-4	4	25		35	12.5	M12	21		20	17	
FH 528	AHUM-1032R-5	5	32		40	17	M16	29	6	22	22	

AHUB | High-Feed Ultra Bore Type

Q max
High Efficient

▽
Roughing

No. of Teeth
6-8



Tolerance Dia.:	Tolerance CR:	Torque on screw:
-0.05/-0.2 mm	+0.08/-0.08 mm	1.3 Nm

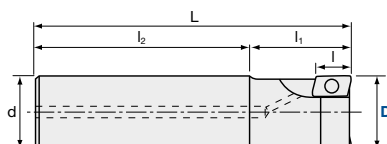
Bore Type										
ID Code	Item Code	Flutes	D	I	H	d ₁	d ₂	E	Inserts	
FH 534	AHUB-1040RM-6	6	40	9	40	16	32	19	JDMT-1003-R../-FW JDET-1003-R../-FA	
FH 535	AHUB-1050RM-7	7	50					20		
FH 536	AHUB-1063RM-8	8	63					20		

AHU | High-Feed Ultra End Mill

Q max
High Efficient

▽
Roughing

No. of Teeth
2-5



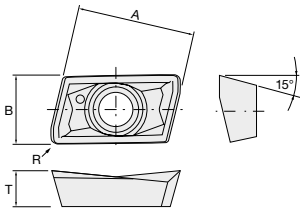
Tolerance Dia.:	Tolerance CR:	Torque on screw:
-0.05/-0.2 mm	+0.08/-0.08 mm	1.3 Nm

Shank Type										
ID Code	Item Code	Flutes	D	I	I ₁	I ₂	L	d	Inserts	
FH 506	AHU-1016R-2	2	16	9	30	70	100	16	JDMT-1003-R../-FW JDET-1003-R../-FA	
FH 507	AHU-1020R-3	3	20			80	110	20		
FH 508	AHU-1025R-4	4	25		35	85	120	25		
FH 509	AHU-1032R-5	5	32		45		130	32		

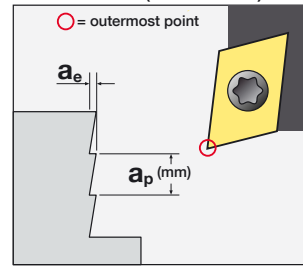
ASC | Carbide Shanks for Modular Mills & AS | Steel Shanks for Modular Mills: page 4

Indexable Milling Tools

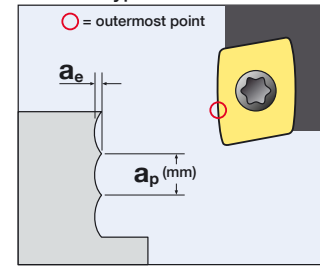
INSERTS | Improved cutting surface



Conventional (JDMT.....R)

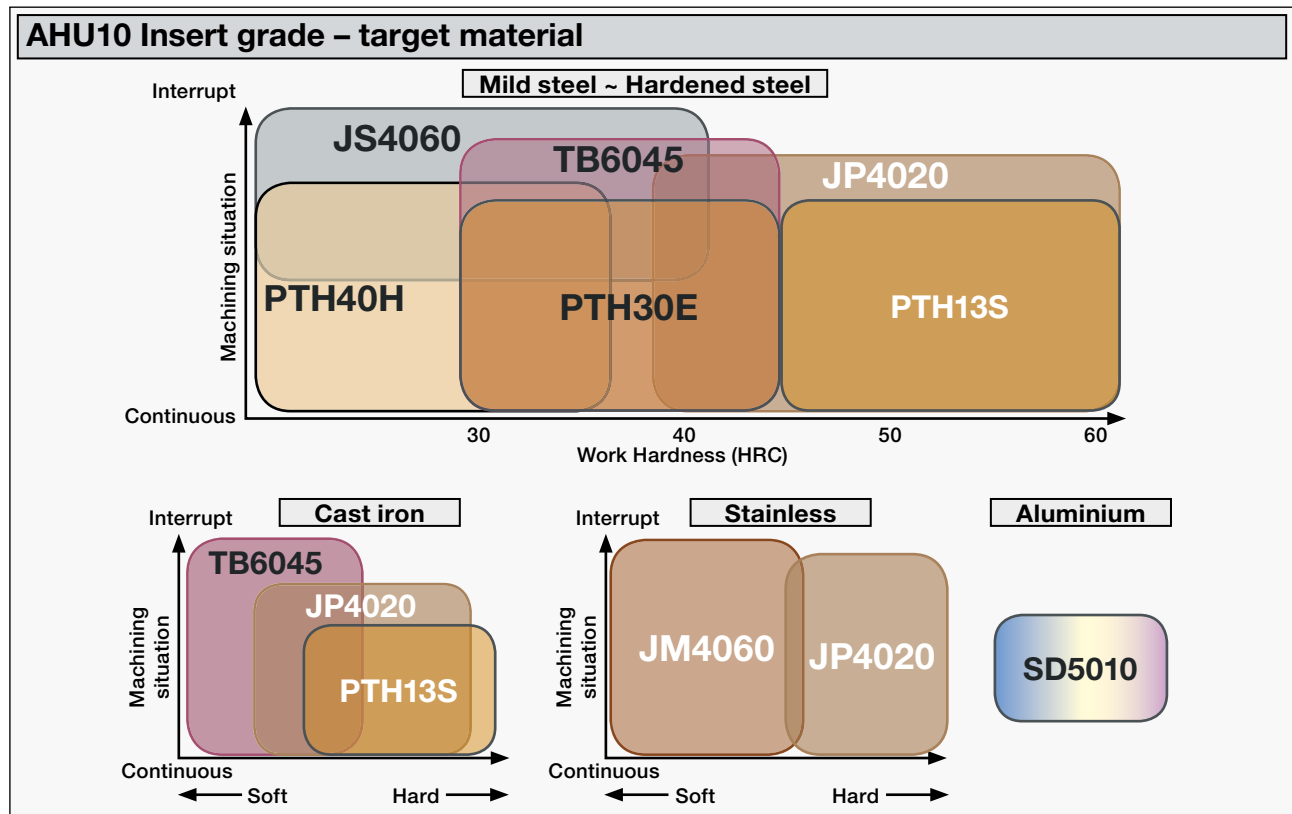


Fine Wall type JDMT.....R-FW



Soft Target Hardness of Workpiece Hard													
Inserts	Tolerance Class	Corner-R	Grade								Size (mm)		
			SD5010	JM4060	JS4060	PTH40H	PTH30E	TB6045	PTH13S	JP4020			
Item Code			ID-Code								A	B	T
JDMT-1003-R04	M	0.4					WF633	WF634	WF637		11	6.1	3.5
JDMT-1003-R04-FW		0.4-FW		WF696						WF695			
JDMT-1003-R08		0.8		WF702	WF701	WF636	WF631	WF635	WF638	WF700			
JDMT-1003-R08-FW		0.8-FW		WF699	WF698					WF697			
JDMT-1003-R20		2.0		WF705	WF704		WF632			WF703			
JDET-1003-R04-FA	E	0.4-FA	WF706										
JDET-1003-R08-FA		0.8-FA	WF707										
JDET-1003-R20-FA		2.0-FA	WF708										

SD5010	PVD · DLC coated grade for Aluminium	PTH30E	PVD · General steels for 30–40 HRC
JM4060	PVD · For stainless steels & carbon steels < 35HRC	TB6045	PVD · General steels for 30–40 HRC / Recommended for dry cutting
JS4060	PVD · For carbon steels < 35HRC	PTH13S	PVD · For pre-hardened steels 40–55 HRC
PTH40H	PVD · For carbon steels < 35HRC	JP4020	PVD · For pre-hardened steels 40–55 HRC

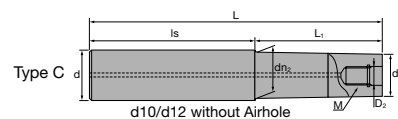
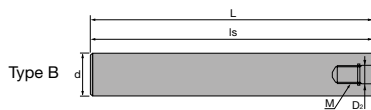
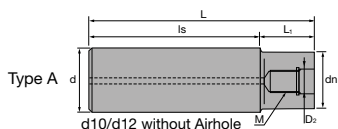


Clamp Screw		Wrench	
ID Code	Item-Code	ID Code	Item-Code
ET175	250-141	ET013	104-T8

Cutting Conditions Schnittwerte Condizioni di taglio Condiciones de Corte Conditions de coupe Valores de corte:	
D 16 (Z2) – D 63 (Z8):	Page 6–7

Indexable Milling Tools

ASC | Carbide Shanks for Modular Mills

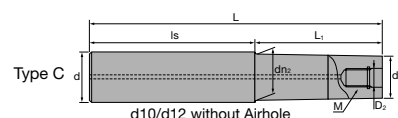
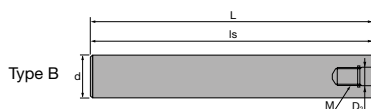
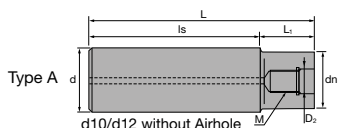


	Carbide Shank											
	ID Code	Item Code	D ₂	M	L	L ₁	Is	dn	dn ₂	d	Type	
Without Airhole	FH137	ASC10-6.5-74-24	6.5	M6	74	24	50	9.3	–	10	A	
	FH254	ASC10-6.5-84-34			84	34						
	FH255	ASC10-6.5-114-24			114	24						90
	FH138	ASC10-6.5-114-49				49	65					
	FH139	ASC12-6.5-74-24			74	24	50	11	11.5	12	C	
	FH256	ASC12-6.5-94-44			94	44	50					
	FH257	ASC12-6.5-129-24			129	24	105					
	FH140	ASC12-6.5-129-64				64	65					
With Airhole	FH141	ASC16-8.5-95-30	8.5	M8	95	30	65	14.5	15.5	16		C
	FH258	ASC16-8.5-120-55			120	55						
	FH142	ASC16-8.5-140-75			140	75						
	FH260	ASC16-8.5-160-30			160	30						
	FH259	ASC16-8.5-160-95			160	95					65	
	FH143	ASC20-10.5-120-50	10.5	M10	120	50	70	18	–	20	A	
	FH261	ASC20-10.5-170-90Z			170	90	80	18.5	19.5		C	
	FH144	ASC20-10.5-220-50			220	50	170	18	–		A	
	FH262	ASC20-10.5-220-120Z			220	120	100	18.5	19.5		C	
	FH263	ASC20-10.5-270-150Z			270	150	120					
	FH264	ASC20-10.5-270-50Z			270	50	220					
	FH145	ASC25-12.5-145-65	12.5	M12	145	65	80	23	–	25	A	
	FH146	ASC25-12.5-265-65			265		200					
	FH265	ASC25-12.5-215-115			215	115	100					
	FH266	ASC25-12.5-265-145			265	145	120					
	FH268	ASC25-12.5-315-65			315	65	250					
	FH267	ASC25-12.5-315-195			315	195	120					
	FH147	ASC32-17-160-80	17	M16	160	80	80	28		32		
	FH269	ASC32-17-260-140			260	140	120					
	FH148	ASC32-17-310-80			310	80	230					
	FH270	ASC32-17-360-240			360	240	120					

SUPER Lock milling chucks or shrink-fit holders can be used.
 SUPER Lock Aufnahmen oder Schrumpffutter können verwendet werden.
 Possono essere utilizzati mandrini a forte serraggio SUPER Lock.

Aptos para amarrar en portapinzas SUPER Lock.
 Les attachements SUPER Lock peuvent être utilisés.
 Cones hidráulicos de grande aperto e aperto térmico podem ser usados.

AS | Steel Shanks for Modular Mills



Steel Shank											
	ID Code	Item Code	D ₂	M	L	L ₁	Is	dn	dn ₂	d	Type
Without Airhole	FH131	AS10-6.5-74-0	6.5	M6	74	-	74	-	-	10	B
	FH132	AS12-6.5-84-4			84	4	80	11	-	12	A
With Airhole	FH133	AS16-8.5-95-15	8.5	M8	95	15	80	14.5	15.5	16	C
	FH134	AS20-10.5-100-20	10.5	M10	100	20		18	-	20	A
	FH271	AS25-12.5-115-35	12.5	M12	115	35		23	23	25	
	FH272	AS32-17-110-30	17	M16	110	30		28	28	32	

SUPER Lock milling chucks can be used.
 SUPER Lock Aufnahmen können verwendet werden.
 Possono essere utilizzati mandrini a forte serraggio SUPER Lock.

Aptos para amarrar en portapinzas SUPER Lock.
 Les attachements SUPER Lock peuvent être utilisés.
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