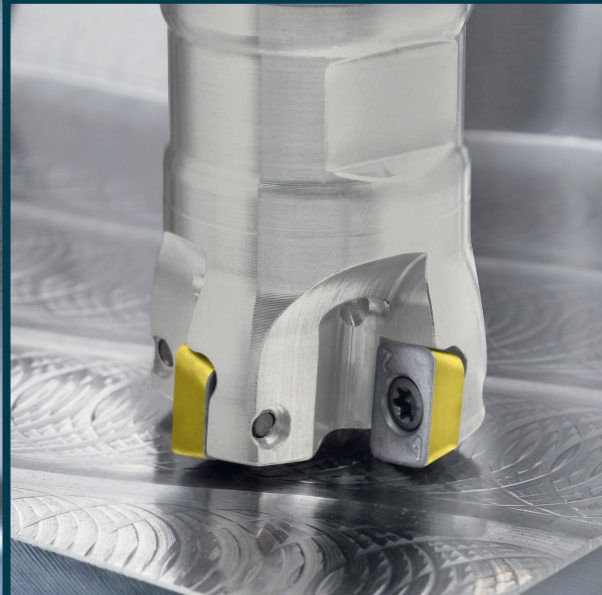




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on cutter bodies



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Promotion Code: BM22.

*Valid until March 31, 2023. Promotional discount applies
only to the cutter bodies shown in this brochure,
when bought with 1 package (5/10 pcs) of inserts.

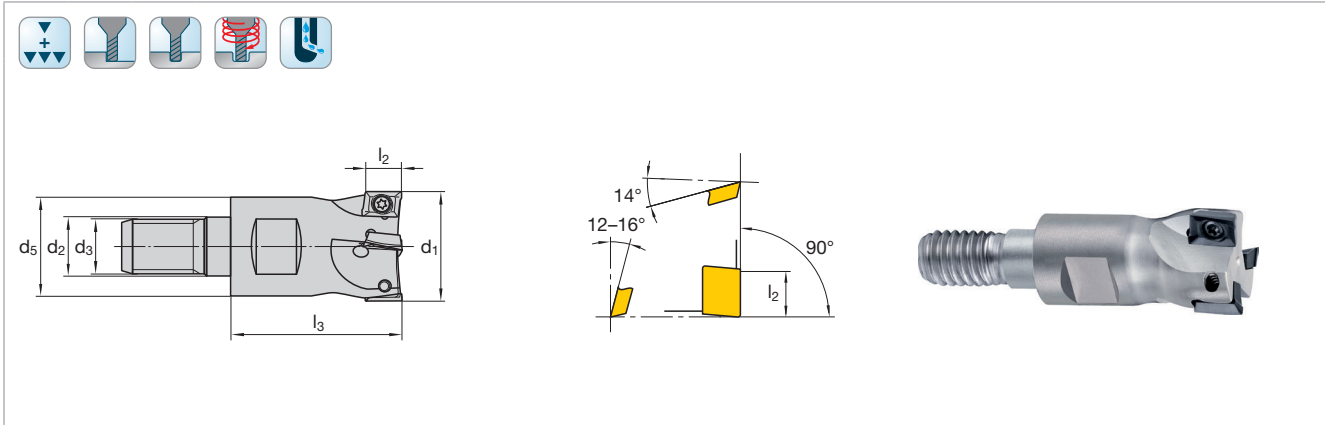
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Univex Premium
Eckfräser – Aufschraubausführung
 Shoulder milling cutter – screw-on type

Special discount*
 on cutter
 bodies

20%

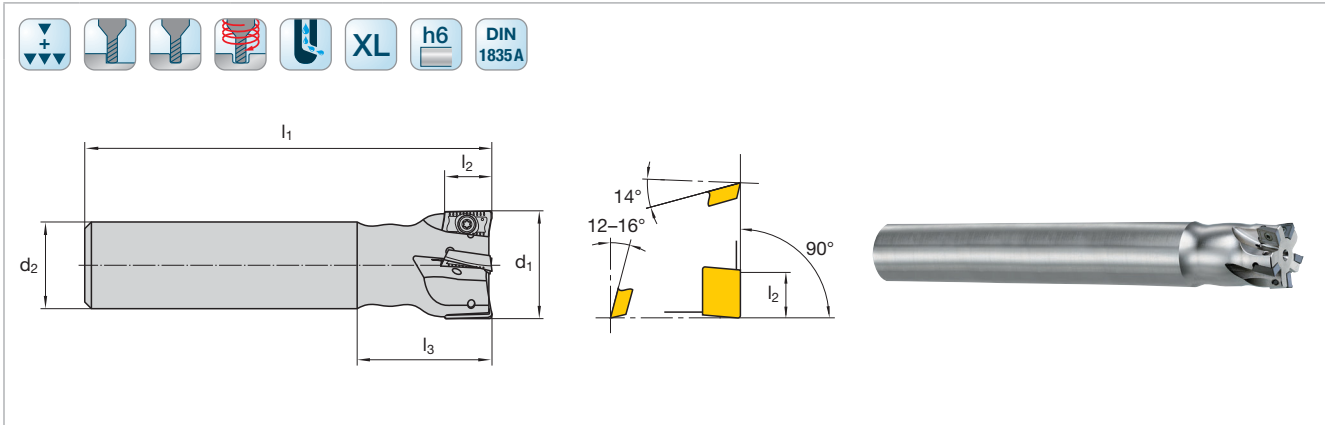


Katalog-Nr. Cat.-No.								EMU90 IK			
d ₁	l ₂	l ₃	d ₅	d ₃	d ₂	z	Ident No.	LMT-Code			
12	5,5	28	13	M8	8,5	2	7012580	EMU90 A06.012TR-I	ADHX 06... ADKX 06...	1045604	1048434 T6
16	5,5	28	13	M8	8,5	3	7012582	EMU90 A06.016TR-I			
20	5,5	30	18	M10	10,5	4	7012584	EMU90 A06.020TS-I	ADHX 09... ADKX 09...	2127640	1048326 T8
20	8,5	30	18	M10	10,5	3	7012585	EMU90 A09.020TS-I			
25	8,5	33	21	M12	12,5	4	7012586	EMU90 A09.025TF-I			
32	8,5	43	29	M16	17	6	7012587	EMU90 A09.032TH-I	ADHX 12... ADKX 12...	2237513	1048326 T8
32	12	43	29	M16	17	4	7012588	EMU90 A12.032TH-I			
40	12	43	29	M16	17	6	7012589	EMU90 A12.040TH-I			

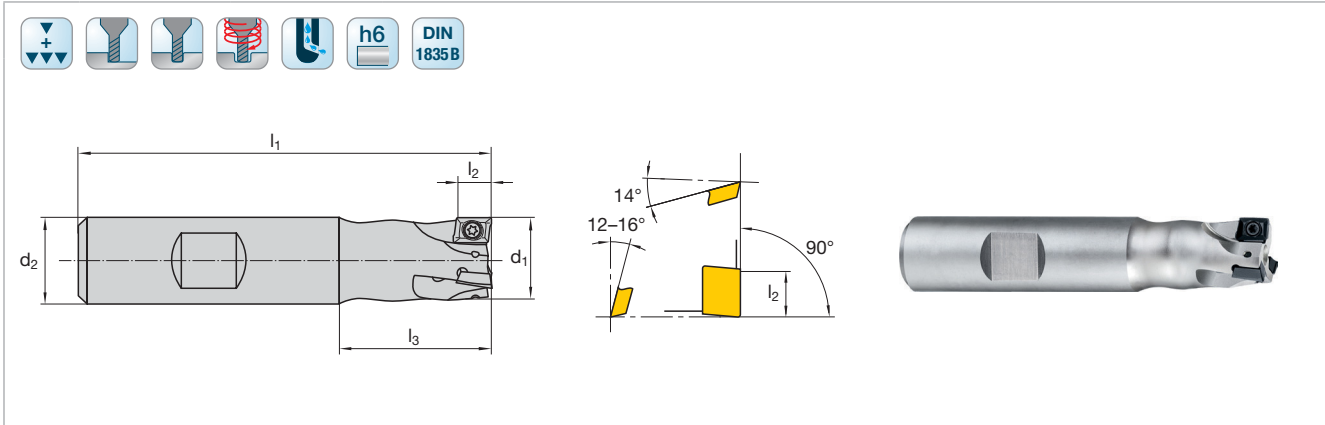
Univex Premium
Eckfräser – Schaftausführung
 Shoulder milling cutter – shank type




Special discount*
 on cutter
 bodies

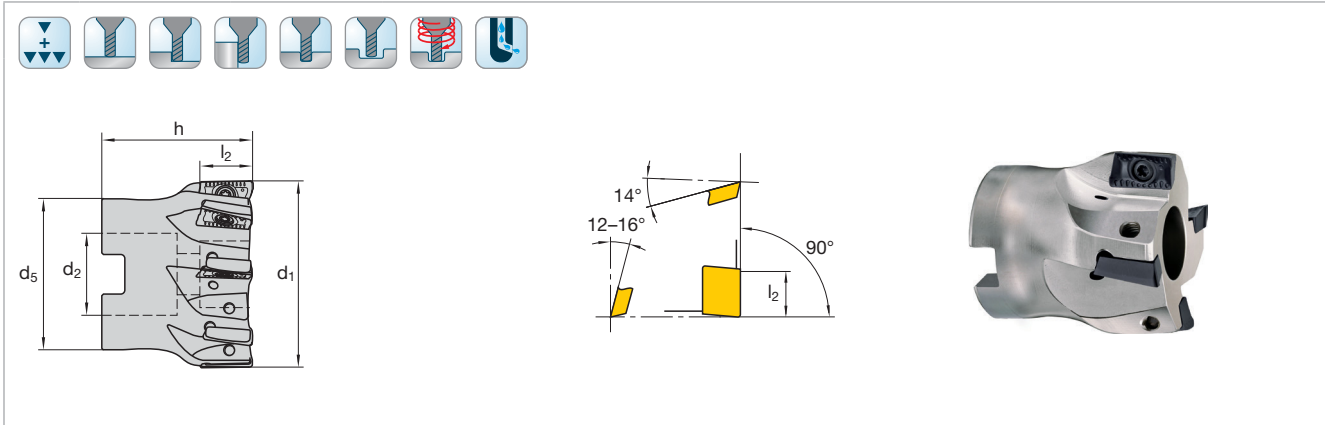
20%






Katalog-Nr. Cat.-No.							EMU90 IK			
d ₁	l ₂	l ₁	l ₃	d ₂	z	Ident No.	LMT-Code			
25	16,5	200	40	25	2	1045043	EMU90 A17.025AN-IF	ADHX 17... ADKX 17...	1045105	1048335 T15
32	16,5	250	50	32	3	1045044	EMU90 A17.032AN-IF		1045114	
40	16,5	250	50	32	4	1045045	EMU90 A17.040AF-IF			



Katalog-Nr. Cat.-No.							EMU90 IK			
d ₁	l ₂	l ₁	l ₃	d ₂	z	Ident No.	LMT-Code			
10	5,5	60	20	10	1	1045062	EMU90 A06.010BN-I	ADHX 06... ADKX 06...	1045604	1048434 T6
12	5,5	70	25	12	2	1045063	EMU90 A06.012BN-I			
16	5,5	76	28	16	3	1045064	EMU90 A06.016BN-I			
20	5,5	86	36	20	4	1045066	EMU90 A06.020BN-I			
25	5,5	86	36	20	6	1045068	EMU90 A06.025BI-I			
16	8,5	76	28	16	2	1045071	EMU90 A09.016BN-I	ADHX 09... ADKX 09...	2127640	1048326 T8
20	8,5	86	36	20	3	1045072	EMU90 A09.020BN-I			
20	8,5	86	36	20	4	1045073	EMU90 A09.020BN-IF			
25	8,5	86	36	20	4	1045074	EMU90 A09.025BI-I			
25	8,5	86	36	20	5	1045075	EMU90 A09.025BI-IF			
32	8,5	96	40	25	6	1045076	EMU90 A09.032BG-I	ADHX 12... ADKX 12...	2237513	1048326 T8
20	12	86	36	20	2	1045090	EMU90 A12.020BN-I			
25	12	86	36	20	3	1045092	EMU90 A12.025BI-I			
32	12	96	40	25	4	1045093	EMU90 A12.032BG-I			
32	12	96	40	25	5	1045094	EMU90 A12.032BG-IF			
40	12	110	50	32	6	1045095	EMU90 A12.040BF-I	ADHX 17... ADKX 17...	1045105	1048335 T15
25	16,5	96	40	25	2	1045050	EMU90 A17.025BN-IF			
32	16,5	110	50	32	3	1045053	EMU90 A17.032BN-IF			
40	16,5	110	50	32	4	1045054	EMU90 A17.040BF-IF	1045114		

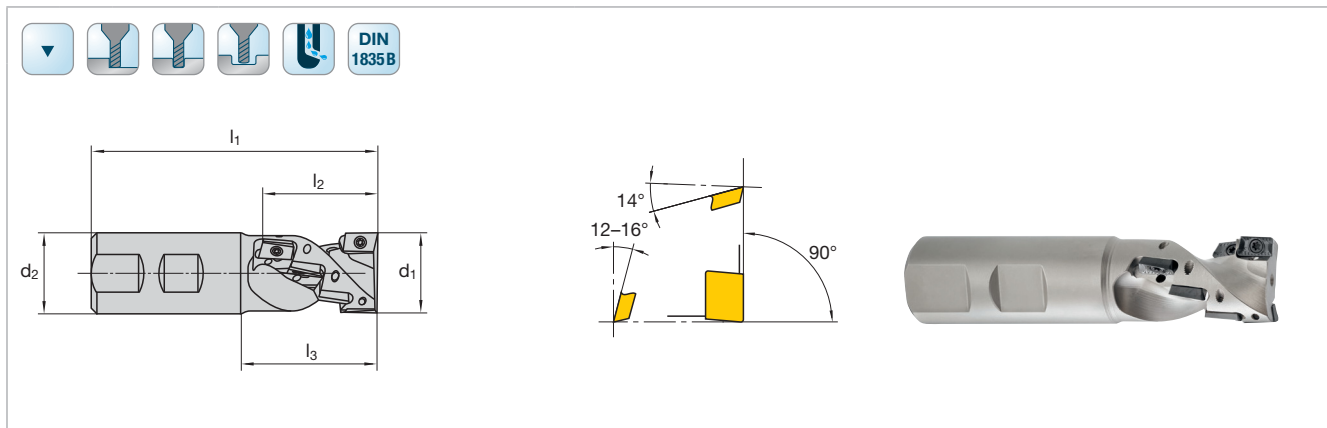


Katalog-Nr. Cat.-No.							FMU90 IK			
d ₁	l ₂	h	d ₅	d ₂	z	Ident No.	LMT-Code			
40	8,5	40	32	16	4	7249850	FMU90 A09.040AN-IW	ADHX 09... ADKX 09...	2127640	1048326 T08
40	8,5	40	32	16	6	7249851	FMU90 A09.040AN-I			
50	8,5	40	40	22	5	7249852	FMU90 A09.050AN-IW			
50	8,5	40	40	22	7	7249853	FMU90 A09.050AN-I			
63	8,5	40	50	22	6	7249854	FMU90 A09.063AN-IW			
63	8,5	40	50	22	9	7249855	FMU90 A09.063AN-I			
40	12	40	32	16	4	1045100	FMU90 A12.040AN-I	ADHX 12... ADKX 12...	2237513	1048326 T08
40	12	40	32	16	6	1045101	FMU90 A12.040AN-IF			
50	12	40	40	22	5	1045102	FMU90 A12.050AN-I			
50	12	40	40	22	7	1045103	FMU90 A12.050AN-IF			
63	12	40	50	22	6	1045104	FMU90 A12.063AN-I			
63	12	40	50	22	9	1045106	FMU90 A12.063AN-IF			
40	16,5	40	32	16	4	1045035	FMU90 A17.040AN-I	ADHX 17... ADKX 17...	2237513	1048326 T08
50	16,5	40	40	22	4	7266631	FMU90 A17.050AN-I			
50	16,5	40	40	22	5	1045036	FMU90 A17.050AN-IF			
63	16,5	40	50	22	5	7266632	FMU90 A17.063AN-I			
63	16,5	40	50	22	6	1045037	FMU90 A17.063AN-IF			
80	16,5	50	60	27	6	7266633	FMU90 A17.080AN-I			
80	16,5	50	60	27	8	1045038	FMU90 A17.080AN-IF			
100	16,5	50	75	32	7	7266634	FMU90 A17.100AN-I			
100	16,5	50	75	32	9	1045039	FMU90 A17.100AN-IF			
125	16,5	63	90	40	9	7249856	FMU90 A17.125AN-I			
125	16,5	63	90	40	11	7249857	FMU90 A17.125AN-IF			

Univex Premium
Eckfräser – Walzenstirnausführung
 Shoulder milling cutter – Helical type

Special discount*
 on cutter
 bodies

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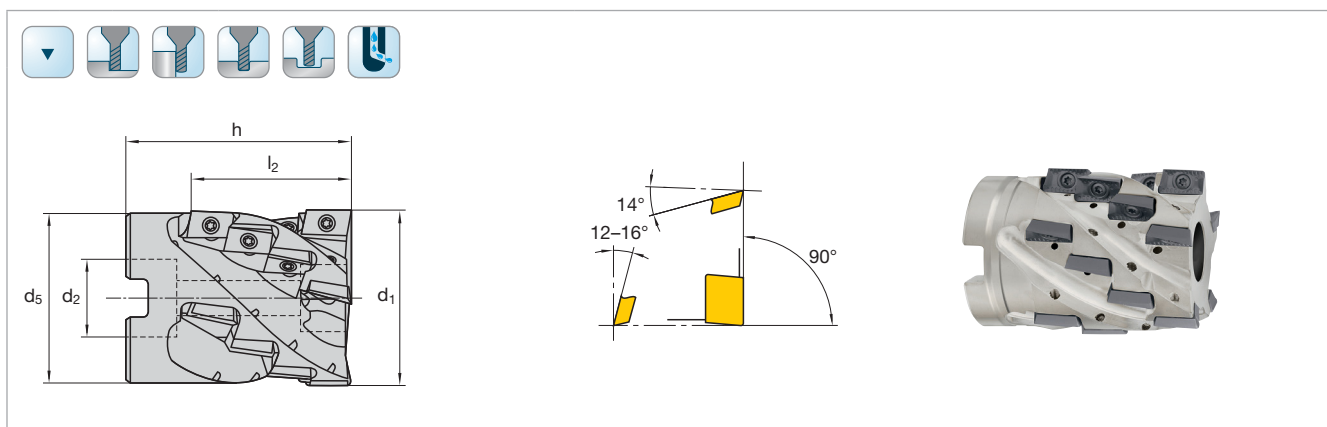


Katalog-Nr. Cat.-No.								ERU90			
d ₁	l ₂	l ₁	l ₃	d ₂	z	Anzahl WSP Number of inserts	Ident No.	LMT-Code			
20	25	86	36	20	2	6	7097646	ERU90 A09.020BN-I	ADHX 09...	2127640	1048326 T8
25	33	100	44	25	2	8	7097647	ERU90 A09.025BN-I	ADKX 09...		
32	41	115	55	32	3	15	7097649	ERU90 A09.032BN-I			
32	45	115	55	32	2	8	7097651	ERU90 A12.032BN-I	ADHX 12...	2237513	
40	55	140	70	40	3	15	7097653	ERU90 A12.040BN-I	ADKX 12...		

Univex Premium
Eckfräser – Walzenstirnausführung
 Shoulder milling cutter – Helical type

Special discount*
 on cutter
 bodies

40%



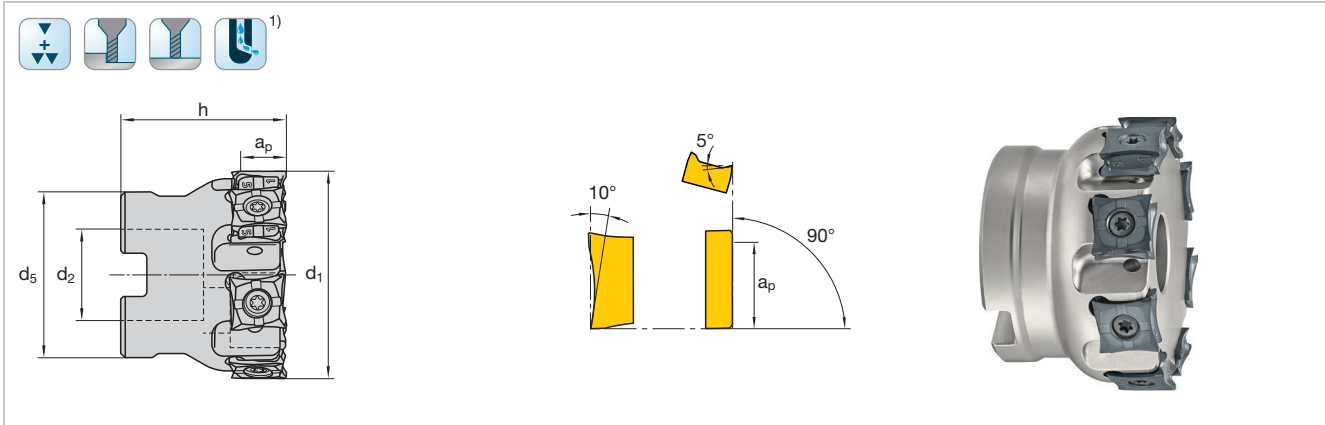
Katalog-Nr. Cat.-No.								FRU90			
d ₁	l ₂	h	d ₂	d ₅	z	Anzahl WSP Number of inserts	Ident No.	LMT-Code			
40	34	55	16	38	3	9	7097671	FRU90 A12.040AN-I	ADHX 12...	2237513	1048326 T8
50	45	65	22	48	4	16	7097672	FRU90 A12.050AN-I	ADKX 12...		
63	45	70	27	58	5	20	7097673	FRU90 A12.063AN-I			
63	48	70	27	58	4	12	7097674	FRU90 A17.063AN-I	ADHX 17...	1045114	1048335 T15
80	63	85	32	63	5	20	7097675	FRU90 A17.080AN-I	ADKX 17...		

							Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.									
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LCP40M	LCPM40M	LCPK30M	LCP25M	LCPK10M	LCM45M	LCM44M	LCKP30M	LCKP10M	LCK20M		LCK10M	LCN10M	LWN10M	LCHP15M	LCH50M				
<p>N = 2</p>	ADHX 060202 FR-ALC	6,35	4,76	2,38	2	0,2												1069025	7020844				EMU90 IK			
<p>N = 2</p>	ADKX 060202 SR	6,35	4,76	2,38	2	0,2																		EMU90 IK		
	ADKX 060204 SR	6,35	4,76	2,38	2	0,4																				
<p>N = 2</p>	ADHX 090302 ER	9,6	5,56	3,1	2,8	0,2																			EMU90 IK ERU90	
	ADHX 090304 ER	9,6	5,56	3,1	2,8	0,4																				
	ADHX 090308 ER	9,6	5,56	3,1	2,8	0,8																				
<p>N = 2</p>	ADHX 090308 FR-ALC	9,52	5,56	3,18	2,8	0,8																			EMU90 IK ERU90	
	ADHX 090312 FR-ALC	9,52	5,56	3,18	2,8	1,2																				
	ADHX 090316 FR-ALC	9,52	5,56	3,18	2,8	1,6																				

MultiEdge T90 PRO8
Eckfräser – Aufsteckausführung
Shoulder milling cutter – arbor type

Special discount*
on cutter
bodies

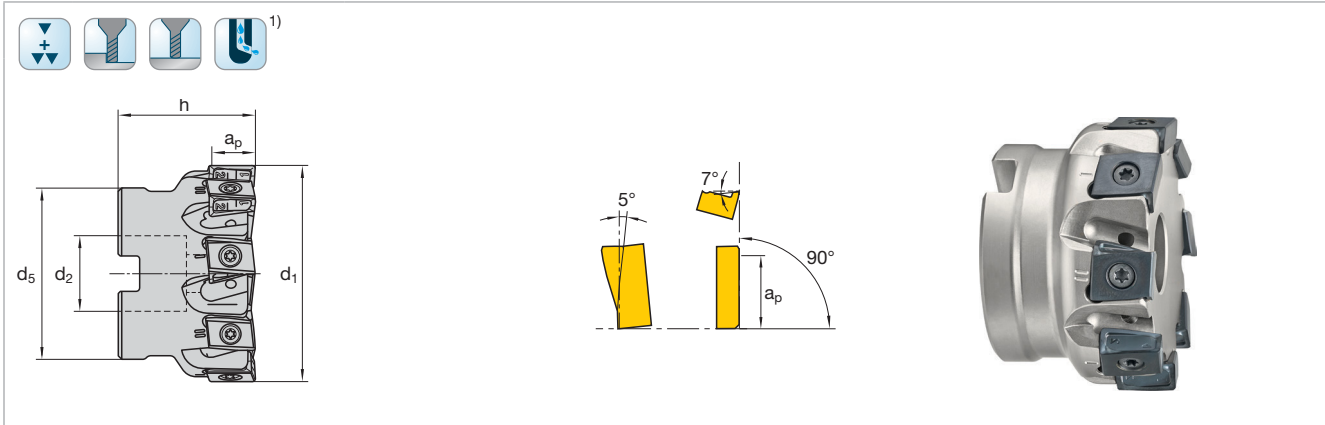
40%






Katalog-Nr. Cat.-No.							FMP90T X				
d ₁	h	d ₂	d ₅	a _p	z	Ident No.	LMT-Code				
50	40	22	40	10	5	7164805	FMP90T X12.050AN-I	XNMU 120508ER	1045126	1048335 T15	
50	40	22	40	10	6	7193400	FMP90T X12.050AN-IF				
63	40	22	50	10	6	7164806	FMP90T X12.063AN-I				
63	40	22	50	10	8	7193401	FMP90T X12.063AN-IF				
80	50	27	60	10	8	7164807	FMP90T X12.080AN-I				
80	50	27	60	10	10	7193402	FMP90T X12.080AN-IF				
100	50	32	65	10	9	7164808	FMP90T X12.100AN-I				
100	50	32	65	10	12	7193403	FMP90T X12.100AN-IF				
125	63	40	90	10	11	7164809	FMP90T X12.125AN-I				
125	63	40	90	10	16	7193404	FMP90T X12.125AN-IF				
160	63	40	130	10	13	7164810	FMP90T X12.160AN				
160	63	40	130	10	20	7193405	FMP90T X12.160AN-F				

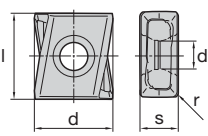

MultiEdge T90 PRO8
Wendeschneidplatten
Indexable inserts

N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	Schneidstoffsorten Cutting materials														Für Fräser For cutter							
		Ident No.																					
		l	d	s	d ₁	r	LCP40M	LCPM40M	LCPK30M	LCP25M	LCPK10M	LCM45M	LCM44M	LCKP30M	LCKP10M		LCK20M	LCK10M	LCN10M	LWN10M	LCHP15M	LCH50M	
 N = 8	XNMU 120608 ER	12	12	6,35	4,4	0,8	7163384								7163385		7192762						FMP90T X



Katalog-Nr. Cat.-No.							FMP90T L				
d ₁	h	d ₂	d ₅	a _p	z	Ident No.	LMT-Code				
50	40	22	40	11,5	4	7167586	FMP90T L13.050AN-I	LNMU 130608SR	1045126	1048335 T15	
50	40	22	40	11,5	6	7167587	FMP90T L13.050AN-IF				
63	40	22	50	11,5	6	7167588	FMP90T L13.063AN-I				
63	40	22	50	11,5	8	7167589	FMP90T L13.063AN-IF				
80	50	27	60	11,5	8	7167590	FMP90T L13.080AN-I				
80	50	27	60	11,5	10	7167591	FMP90T L13.080AN-IF				
100	50	32	65	11,5	10	7167592	FMP90T L13.100AN-I				
100	50	32	65	11,5	12	7167593	FMP90T L13.100AN-IF				
125	63	40	90	11,5	12	7167594	FMP90T L13.125AN-I				
125	63	40	90	11,5	16	7167595	FMP90T L13.125AN-IF				
160	63	40	130	11,5	14	7167596	FMP90T L13.160AN				
160	63	40	130	11,5	20	7167597	FMP90T L13.160AN-F				

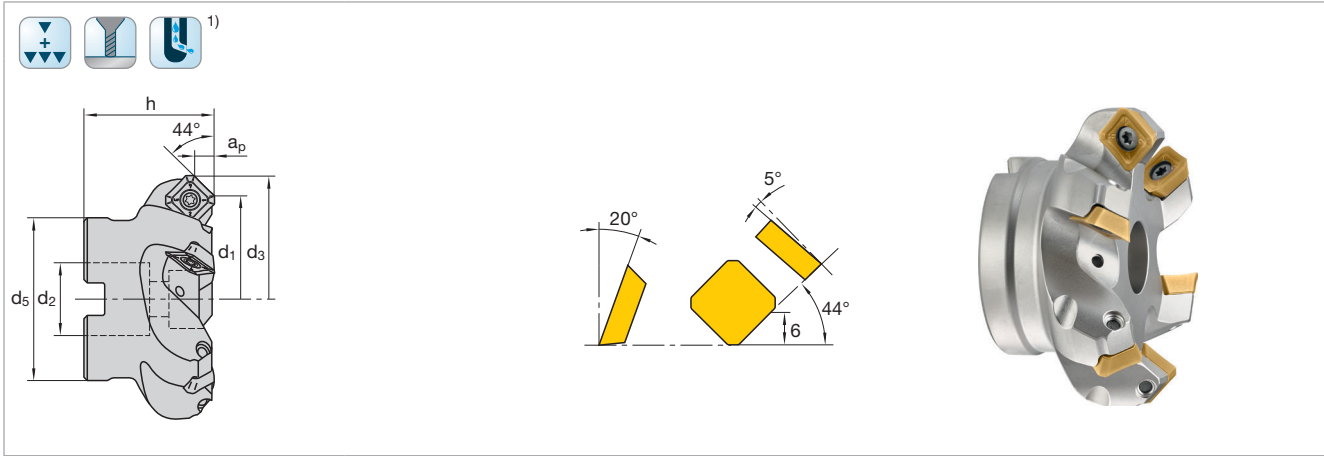
MultiEdge T90 PRO4
Wendeschneidplatten
 Indexable inserts




N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	Schneidstoffsorten Cutting materials														Für Fräser For cutter Cat.-No.							
		Ident No.																					
		l	d	s	d ₁	r	LCP40M	LCPM40M	LCPK30M	LCP25M	LCPK10M	LCM45M	LCM44M	LCKP30M	LCKP10M		LCK20M	LCK10M	LCN10M	LWN10M	LCHP15M	LCH50M	
  N = 4	LNMU 130608 SR	13,5	12,4	6	4,4	0,8	7167537								7167538	7189147							FMP90T L

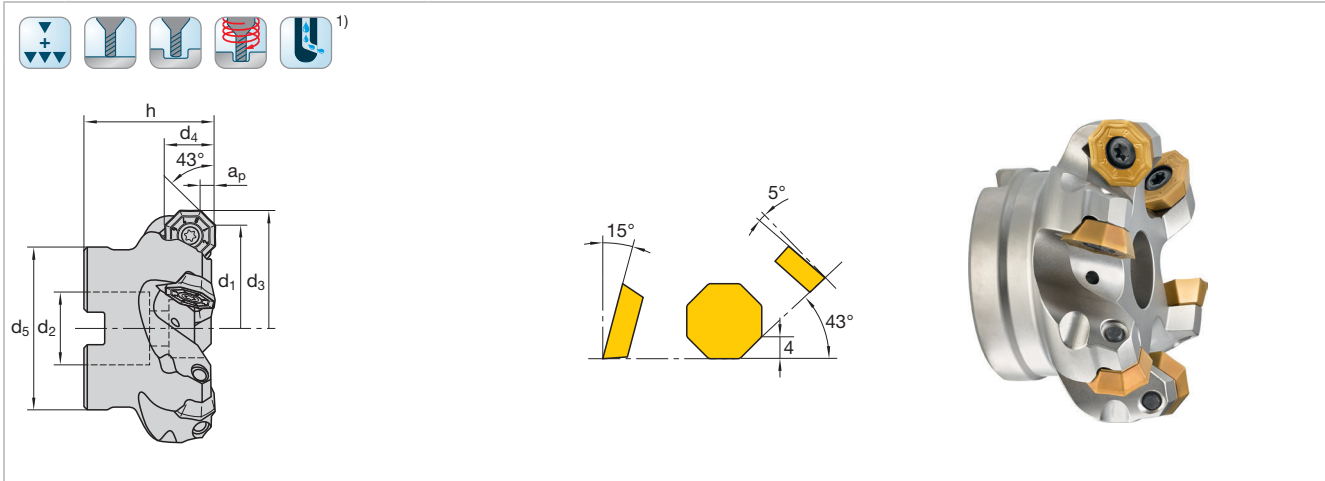
MultiFace H45 PRO4
Planfräser – Aufsteckausführung
 Face milling cutter – arbor type




Special discount*
 on cutter
 bodies

40%



Katalog-Nr. Cat.-No.								FMH45			
d ₁	d ₃	h	d ₂	d ₅	z	a _p max	Ident No.	LMT-Code			
50	64	40	22	40	4	6	7220286	FMH45 S12.050AN-I	SE... 12	1045131	1048335 T15
50	64	40	22	40	5	6	7220292	FMH45 S12.050AN-IF			
63	77	40	22	50	5	6	7220287	FMH45 S12.063AN-I			
63	77	40	22	50	6	6	7220293	FMH45 S12.063AN-IF			
80	94	50	27	60	6	6	7220288	FMH45 S12.080AN-I			
80	94	50	27	60	8	6	7220294	FMH45 S12.080AN-IF			
100	114	50	32	75	7	6	7220289	FMH45 S12.100AN-I			
100	114	50	32	75	10	6	7220295	FMH45 S12.100AN-IF			
125	139	63	40	90	8	6	7220290	FMH45 S12.125AN-I			
125	139	63	40	90	12	6	7220296	FMH45 S12.125AN-IF			
160	174	63	40	130	10	6	7220291	FMH45 S12.160AN			
160	174	63	40	130	16	6	7220297	FMH45 S12.160AN-F			



Katalog-Nr. Cat.-No.										FMP45		
d ₁	d ₃	d ₄	h	d ₂	d ₅	z	a _p max	Ident No.	LMT-Code			
50	60	16	40	22	40	4	4	7220260	FMP45 006.050AN-I	OEKT 06...	1045777	10488 T20
50	60	16	40	22	40	5	4	7220266	FMP45 006.050AN-IF			
63	73	16	40	22	50	5	4	7220261	FMP45 006.063AN-I			
63	73	16	40	22	50	6	4	7220267	FMP45 006.063AN-IF			
80	90	16	50	27	60	6	4	7220262	FMP45 006.080AN-I			
80	90	16	50	27	60	8	4	7220268	FMP45 006.080AN-IF			
100	110	16	50	32	75	7	4	7220263	FMP45 006.100AN-I			
100	110	16	50	32	75	10	4	7220269	FMP45 006.100AN-IF			
125	135	16	63	40	90	8	4	7220264	FMP45 006.125AN-I			
125	135	16	63	40	90	12	4	7220270	FMP45 006.125AN-IF			
160	170	16	63	40	130	10	4	7220265	FMP45 006.160AN			
160	170	16	63	40	130	15	4	7220271	FMP45 006.160AN-F			

N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	Schneidstoffsorten Cutting materials												Für Fräser For cutter Cat-No.											
							Ident No.																							
							LCP40M	LCPM40M	LCPK30M	LCP25M	LCPK10M	LCM45M	LCMS35M	LCKP30M	LCKP10M	LCK20M	LCK10M	LCN10M		LWN10M	LCHP15M	LCH50M								
 N = 8	OEKT 0605 AESN	6	15,88	5,56	5,5	-	7212188		7212189				7212190			7212191												FMP45		
 N = 8	OEKT 0605 AEEN-BM	6	15,88	5,56	5,5	-	7212192						7212193																FMP45	
 N = 8	OEKT 0605 AESN-BMS	6	15,88	5,56	5,5	-	7212194						7212195																FMP45	

MultiEdge 2Feed mini
Hochvorschubfräser – Aufschraubausführung
 High feed milling cutter – screw-on type

Special discount* on cutter bodies

40%



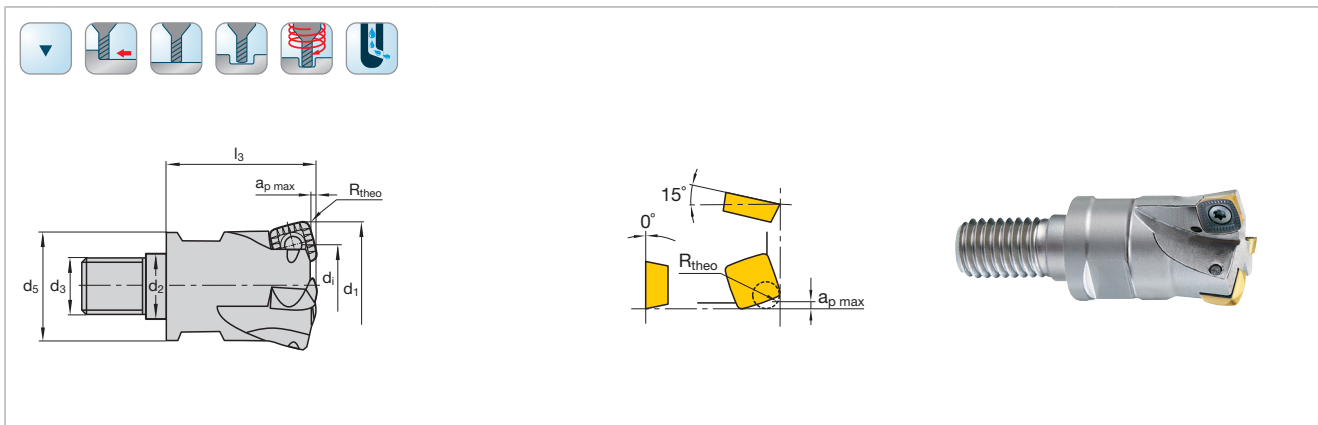
Katalog-Nr. Cat.-No.										EHP IK		
d ₁	d _i	l ₃	d ₃	d ₅	d ₂	z	a _{p max}	Ident No.	LMT-Code			
16	7	28	M8	13	8,5	2	1	7139270	EHP X09.016TR028-I	XDMW 0903... XDMT 0903...	2127640	1048326 T8
16	7	28	M8	13	8,5	3	1	7171528	EHP X09.016TR028-IF			
20	11	30	M10	18	10,5	3	1	7139271	EHP X09.020TS030-I		1044972	
20	11	30	M10	18	10,5	4	1	7185986	EHP X09.020TS030-IF			
25	16	33	M12	21	12,5	4	1	7139272	EHP X09.025TF033-I			
32	23	43	M16	29	17	5	1	7139273	EHP X09.032TH043-I			
35	26	43	M16	29	17	5	1	7139274	EHP X09.035TH043-I			
42	33	43	M16	29	17	6	1	7139275	EHP X09.042TH043-I			




MultiEdge 2Feed mini
Hochvorschubfräser – Aufsteckausführung
 High feed milling cutter – arbor type

Special discount* on cutter bodies

40%

Katalog-Nr. Cat.-No.										FHP IK		
d ₁	d _i	h	d ₅	d ₂	z	a _{p max}	Ident No.	LMT-Code				
35	26	40	32	16	5	1	7143287	FHP X09.035AN-I	XDMW 0903... XDMT 0903...	1044972	1048326 T8	
35	26	40	32	16	6	1	7151696	FHP X09.035AN-IF				
40	31	40	32	16	6	1	7139276	FHP X09.040AN-I				
42	33	40	32	16	6	1	7139277	FHP X09.042AN-I				
50	41	40	40	22	7	1	7139278	FHP X09.050AN-I				
52	43	40	40	22	7	1	7139279	FHP X09.052AN-I				
63	54	50	50	27	8	1	7139280	FHP X09.063AN-I				
66	57	50	50	27	8	1	7139281	FHP X09.066AN-I				
80	71	50	50	27	9	1	7139282	FHP X09.080AN-I				

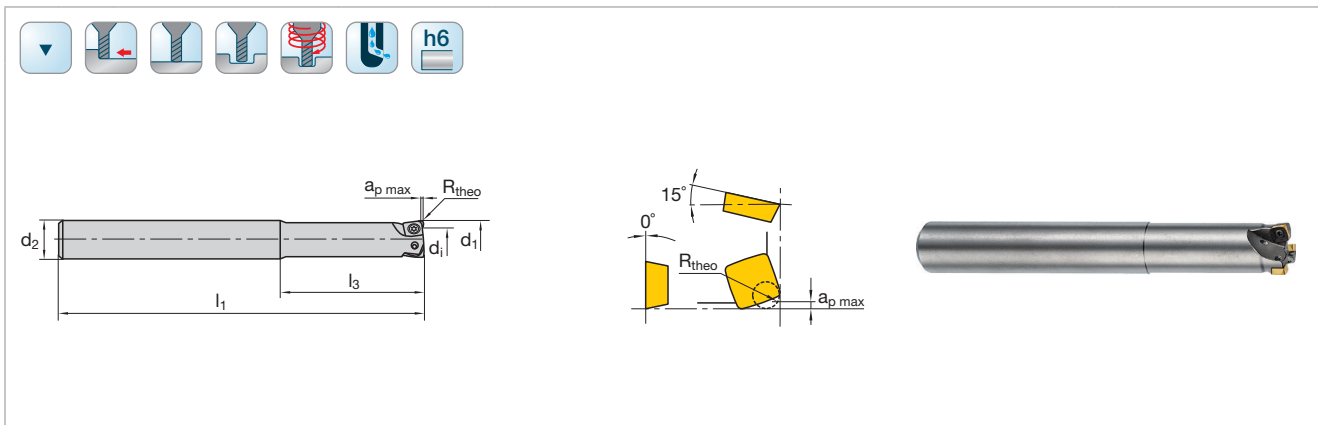











Katalog-Nr. Cat.-No.										ECP			
d ₁	d _i	l ₃	d ₃	d ₅	d ₂	z	a _{p max}	R _{theo}	Ident No.	LMT-Code			
ECP V07 IK													
20	6,9	30	M10	18	10,5	2	1	1,5	7028485	ECP V07.020TS030-I	XCN.. 070308..	9199156	1048326 T8
25	12	33	M12	21	12,5	3	1	1,5	7028486	ECP V07.025TF033-I			
32	19	43	M16	29	17	3	1	1,5	7028487	ECP V07.032TH043-I			
32	19	43	M16	29	17	4	1	1,5	7028488	ECP V07.032TH043-IF			
35	22	43	M16	29	17	5	1	1,5	7028489	ECP V07.035TH043-I			
ECP V09 IK													
32	17	43	M16	29	17	3	1,2	2,5	7028490	ECP V09.032TH043-I	XCN.. 09T312..	1045105	1048335 T15
32	17	43	M16	29	17	4	1,2	2,5	7028491	ECP V09.032TH043-IF			
35	20	43	M16	29	17	4	1,2	2,5	7028492	ECP V09.035TH043-I			
42	27	43	M16	29	17	4	1,2	2,5	7028493	ECP V09.042TH043-IW			
42	27	43	M16	29	17	5	1,2	2,5	7028494	ECP V09.042TH043-I			

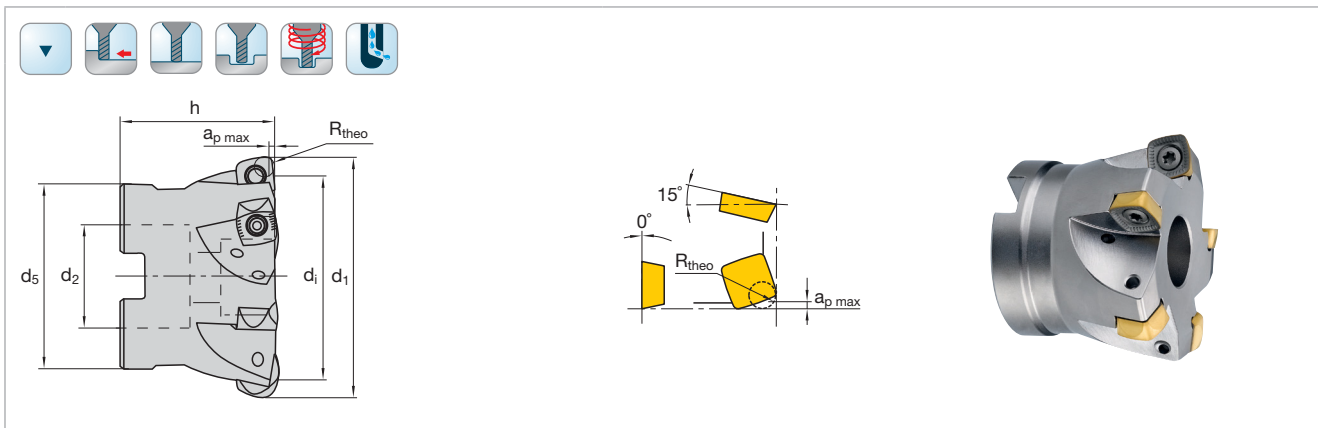
MultiEdge 4Feed
Hochvorschubfräser – Schaftausführung
High feed milling cutter – shank type




Special discount*
 on cutter
 bodies

20%

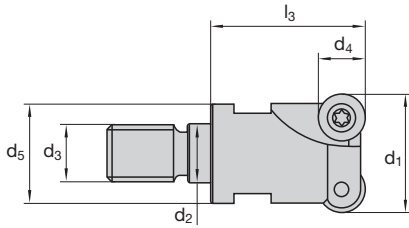


Katalog-Nr. Cat.-No.										ECP					
d ₁	d _i	l ₃	l ₁	d ₂	z	a _{p max}	R _{theo}	Ident No.	LMT-Code						
ECP V07 IK															
20	6,9	60	175	20	2	1	1,5	7028512	ECP V07.020AN175-I				XCN.. 070308..	9199156	1048326 T8
25	12	75	190	25	3	1	1,5	7028513	ECP V07.025AN190-I						
32	19	80	210	32	3	1	1,5	7028514	ECP V07.032AN210-I						
32	19	80	210	32	4	1	1,5	7028515	ECP V07.032AN210-IF						
ECP V09 IK															
32	17	80	210	32	3	1,2	2,5	7028516	ECP V09.032AN210-I				XCN.. 09T312..	1045105	1048335 T15
32	17	80	210	32	4	1,2	2,5	7028517	ECP V09.032AN210-IF						

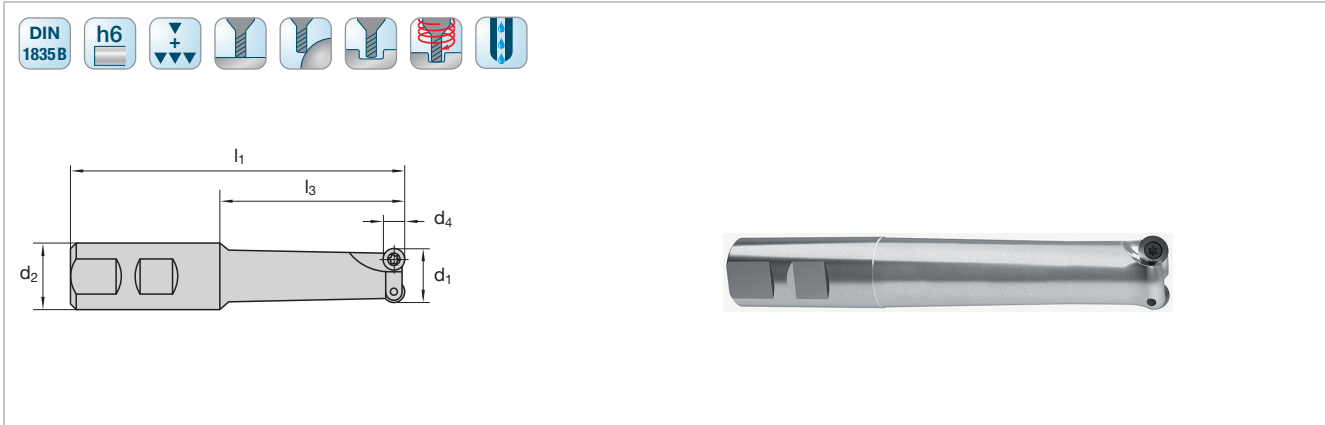





Katalog-Nr. Cat.-No.										FCP			
d ₁	d _i	h	d ₅	d ₂	z	a _{p max}	R _{theo}	Ident No.	LMT-Code				
FCP V09 IK										XCN.. 09T312..	1045114	1048335 T15	
42	27	40	32	16	3	1,2	2,5	7028495	FCP V09.042AN-IX				
42	27	40	32	16	4	1,2	2,5	7028496	FCP V09.042AN-IW				
42	27	40	32	16	5	1,2	2,5	7028497	FCP V09.042AN-I				
52	37	40	40	22	4	1,2	2,5	7028498	FCP V09.052AN-IX				
52	37	40	40	22	5	1,2	2,5	7028499	FCP V09.052AN-IW				
52	37	40	40	22	6	1,2	2,5	7028500	FCP V09.052AN-I				
FCP V12 IK										XCN.. 120520..	1045123	1048344 T20	
42	23	40	32	16	3	1,5	3,5	7028501	FCP V12.042AN-IW				
42	23	40	32	16	4	1,5	3,5	7028502	FCP V12.042AN-I				
52	33,1	40	40	22	4	1,5	3,5	7028503	FCP V12.052AN-IW				
52	33,1	40	40	22	5	1,5	3,5	7028504	FCP V12.052AN-I				
66	47,1	50	50	27	5	1,5	3,5	7028505	FCP V12.066AN-IX				
66	47,1	50	50	27	6	1,5	3,5	7028506	FCP V12.066AN-IW				
66	47,1	50	50	27	7	1,5	3,5	7028507	FCP V12.066AN-I				
80	61,2	50	60	27	6	1,5	3,5	7028508	FCP V12.080AN-IW				
80	61,2	50	60	27	8	1,5	3,5	7028509	FCP V12.080AN-I				
100	81,2	50	65	32	7	1,5	3,5	7028510	FCP V12.100AN-IW				
100	81,2	50	65	32	10	1,5	3,5	7028511	FCP V12.100AN-I				

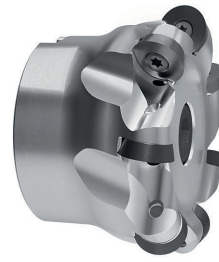
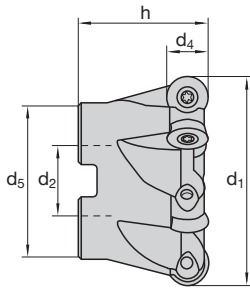
N = Anzahl der Schneidkanten N = Number of cutting edges	LMT-Code	l	d	s	d ₁	r	Schneidstoffsorten Cutting materials											Für Fräser For cutter Cat-No.					
							Ident No.																
							LCP40M	LCPM40M	LCPK30M	LCP25M	LCPK10M	LCM45M	LCM44M	LCKP30M	LCKP10M	LCK20M	LCK10M		LCN10M	LWN10M	LCHP15M	LCH50M	
<p>N = 4</p>	XCNT 070308 EN-TR	7,94	7,94	3,18	3,4	0,8		9186375	7011714		9186376				9186377								ECP FCP
	XCNT 09T312 EN-TR	9,52	9,52	3,97	3,8	1,2		9186350	7011717		9186351				9186352								
	XCNT 120520 EN-TR	12,7	12,7	5,56	5,2	2,0		9186206	7011721		9186207				9186208								
<p>N = 4</p>	XCNT 070308 SN-TR	7,94	7,94	3,18	3,4	0,8		1058100			1058101			1058106		7047949							ECP FCP
	XCNT 09T312 SN-TR	9,52	9,52	3,97	3,8	1,2		1058102			1058103			1058107		7047950							
	XCNT 120520 SN-TR	12,7	12,7	5,56	5,2	2,0		1058104			1058105			1058108		7047951							
<p>N = 4</p>	XCNT 09T312 EN	9,52	9,52	3,97	3,8	1,2		7159747				7159748		7159749									ECP FCP
	XCNT 120520 EN	12,7	12,7	5,56	5,2	2,0		7159750				7159751											
<p>N = 4</p>	XCNW 070308 SN	7,94	7,94	3,18	3,4	0,8		9186492			9186493			9186494		7047952							ECP FCP
	XCNW 09T312 SN	9,52	9,52	3,97	3,8	1,2		9186440			9186441			9186442		7047953							
	XCNW 120520 SN	12,7	12,7	5,56	5,2	2,0		9186431			9186432			9186433		7047954							



Katalog-Nr. Cat.-No.								ECZ/ECC				
d ₁	d ₄	l ₃	d ₅	d ₃	d ₂	z	Ident No.	LMT-Code				
AF = Schlichten Application Finishing												
15	7	25	13	M8	8,5	2	7056510	ECZ R07.015TR 25-02-I-AF	RD... 07	6119627		1048326
20	7	30	18	M10	10,5	3	9082897	ECC R07.020TS 30-03-I-AF		1044972		T08
20	10	30	18	M10	10,5	2	9082898	ECC R10.020TS 30-02-I-AF	RD... 10	1044981		1048335
24	12	35	21	M12	12,5	2	9082896	ECC R12.024TF 35-02-I-AF	RD... 12			T15
25	7	35	21	M12	12,5	5	9082895	ECC R07.025TF 35-05-I-AF	RD... 07	1044972		1048326
												T08
25	10	35	21	M12	12,5	3	9082894	ECC R10.025TF 35-03-I-AF	RD... 10	1044981		1048335
												T15
30	7	40	28	M16	17	5	7056511	ECZ R07.030TH 40-05-I-AF	RD... 07	1044972		1048326
												T08
30	10	40	28	M16	17	4	7056512	ECZ R10.030TH 40-04-I-AF	RD... 10	1044981		1048335
32	12	40	29	M16	17	4	9091058	ECC R12.032TH 40-04-I-AF	RD... 12			T15
35	10	40	29	M16	17	4	7056513	ECZ R10.035TH 40-04-I-AF	RD... 10			
42	10	40	30	M16	17	5	7056514	ECZ R10.042TH 40-05-I-AF				
AFR = Schlichten – Schruppen Application Finishing – Roughing												
35	12	40	29	M16	17	4	9082892	ECC R12.035TH 40-04-I-AFR	RD... 12	1044981		1048335
42	12	40	29	M16	17	5	9082891	ECC R12.042TH 40-05-I-AFR				7036396
AR = Schruppen Application Roughing												
32	16	40	29	M16	17	2	7025927	ECC R16.032TH 40-02-I-AR	RD... 16	1044990		1048344
42	16	40	29	M16	17	3	7025942	ECC R16.042TH 40-03-I-AR				



Katalog-Nr. Cat.-No.							ECZ			
d ₁	d ₄	l ₁	l ₃	d ₂	z	Ident No.	LMT-Code			
AFR = Schichten Application Finishing – Roughing										
25	10	85	35	20	2	7056515	ECZ R10.025BI 35-02-I-AF	RD... 10	1044981	1048335 T15
25	10	131	75	25	2	7056516	ECZ R10.025BN 75-02-I-AF			
25	10	156	100	25	2	7056517	ECZ R10.025BN 100-02-I-AF			
32	12	85	35	20	3	7056518	ECZ R12.032BB 35-03-I-AF	RD... 12	1045105	1048335 T15
32	12	135	75	32	3	7056519	ECZ R12.032BN 75-03-I-AF			
32	12	160	100	32	3	7056520	ECZ R12.032BN 100-03-I-AF			
40	12	125	75	32	4	7056521	ECZ R12.040BF 75-04-I-AF			
40	12	180	120	32	4	7056522	ECZ R12.040BF 120-04-I-AF			

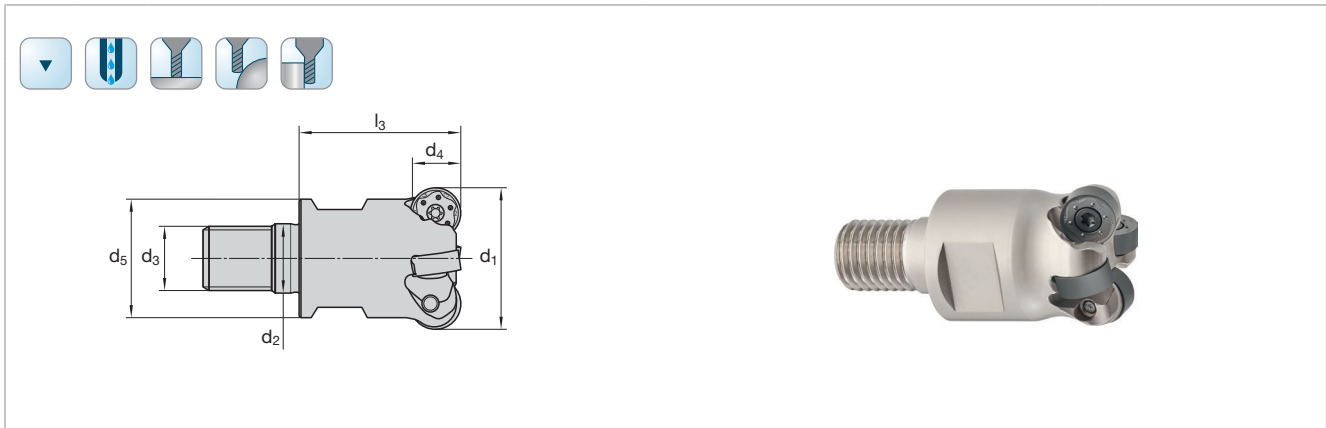





Katalog-Nr. Cat.-No.							FCC				
d ₁	d ₄	h	d ₅	d ₂	z	Ident No.	LMT-Code				
AFR = Schlichten – Schruppen Application Finishing – Roughing											
52	12	40	40	22	6	9082887	FCC R12.052AN 40-06-I-AFR	RD... 12	1044981	7036396 T15	1048335 T15
52	16	40	48	22	5	9082886	FCC R16.052AN 40-05-I-AFR	RD... 16	1044990	9131295 T20	1048344 T20
63	16	50	54	27	5	7056506	FCC R16.063AN 50-05-I-AFR				
66	16	50	57	27	6	9082878	FCC R16.066AN 50-06-I-AFR				
AR = Schruppen Application Roughing											
52	12	40	40	22	5	7034888	FCC R12.052AN 40-05-I-AR	RD... 12	1045105		1048335 T15
52	16	50	46	22	5	7025945	FCC R16.052AN 50-05-I-AR	RD... 16	1044990		1048344 T20
66	16	50	57	27	6	7025946	FCC R16.066AN 50-06-I-AR				
80	16	50	60	27	7	7025947	FCC R16.080AN 50-07-I-AR				
100	16	55	78	32	8	7025948	FCC R16.100AN 55-08-AR				
125	16	55	90	40	9	7035163	FCC R16.125AN 55-09-AR				
160	16	55	120	40	10	7035165	FCC R16.160AN 55-10-AR				

ACU-Jet Double6 Premium
Kopier-Aufschraubfräser
 Copying screw-on type cutters

Special discount*
 on cutter
 bodies

55%

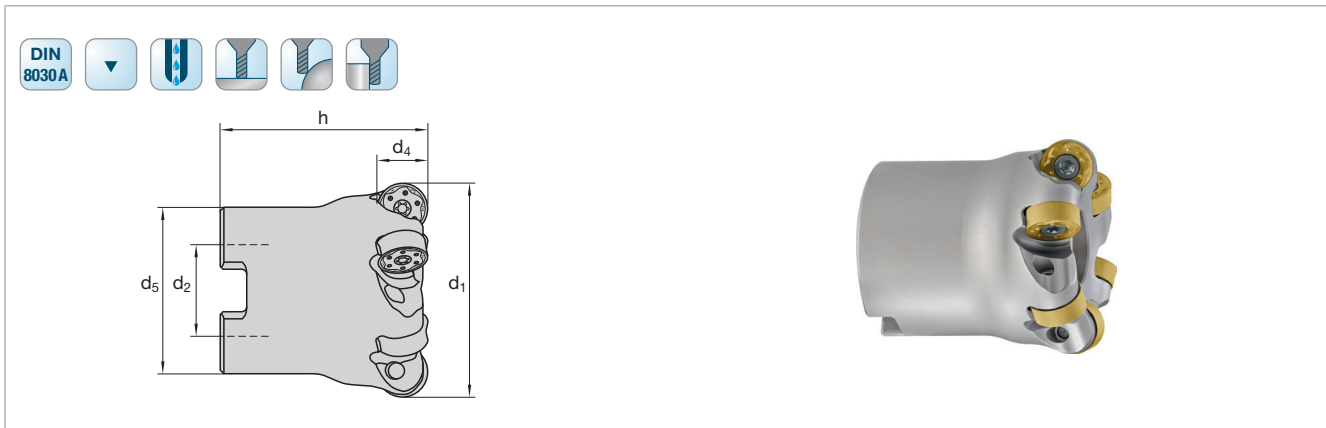





Katalog-Nr. Cat.-No.								ECC			
d ₁	d ₄	l ₃	d ₅	d ₃	d ₂	z	Ident No.	LMT-Code			
32	12	40	29	M16	17	4	7200034	ECC R12.032TH40-04-I-Double6	RN... 12	6119602	1048335 T15
35	12	40	29	M16	17	4	7200054	ECC R12.035TH40-04-I-Double6			
40	12	40	29	M16	17	5	7200035	ECC R12.040TH40-05-I-Double6			
42	12	40	29	M16	17	5	7200036	ECC R12.042TH40-05-I-Double6			

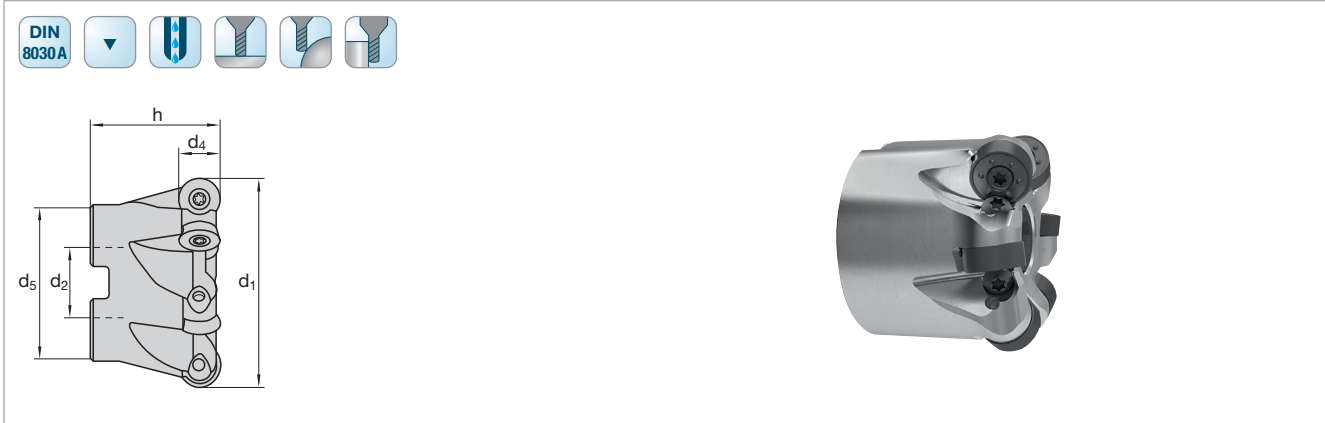
ACU-Jet Double6 Premium
Kopierfräser
 Copy cutters





Special discount*
 on cutter
 bodies

55%



Katalog-Nr. Cat.-No.							FCC			
d ₁	d ₄	h	d ₅	d ₂	z	Ident No.	LMT-Code			
42	12	40	36	16	5	7200037	FCC R12.042AN40-05-I-Double6	RN... 12	6119602	1048335 T15
50	12	50	40	22	6	7200038	FCC R12.050AN50-06-I-Double6			
52	12	50	40	22	6	7200039	FCC R12.052AN50-06-I-Double6			
63	12	50	54	27	7	7200040	FCC R12.063AN50-07-I-Double6			
66	12	50	57	27	7	7200041	FCC R12.066AN50-07-I-Double6			



Katalog-Nr. Cat.-No.							FCC				
d ₁	d ₄	h	d ₅	d ₂	z	Ident No.	LMT-Code				
52	16	50	46	22	5	7031572	FCC R16.052AN 50-05-I-Double 6	RN... 16	1044990	9131295 T20	1048344 T20
63	16	50	57	27	6	7082852	FCC R16.063AN 50-06-I-Double 6				
66	16	50	57	27	6	7031573	FCC R16.066AN 50-06-I-Double 6				
80	16	50	60	27	7	7031574	FCC R16.080AN 50-07-I-Double 6				
100	16	55	78	32	8	7031575	FCC R16.100AN 55-08-Double 6				

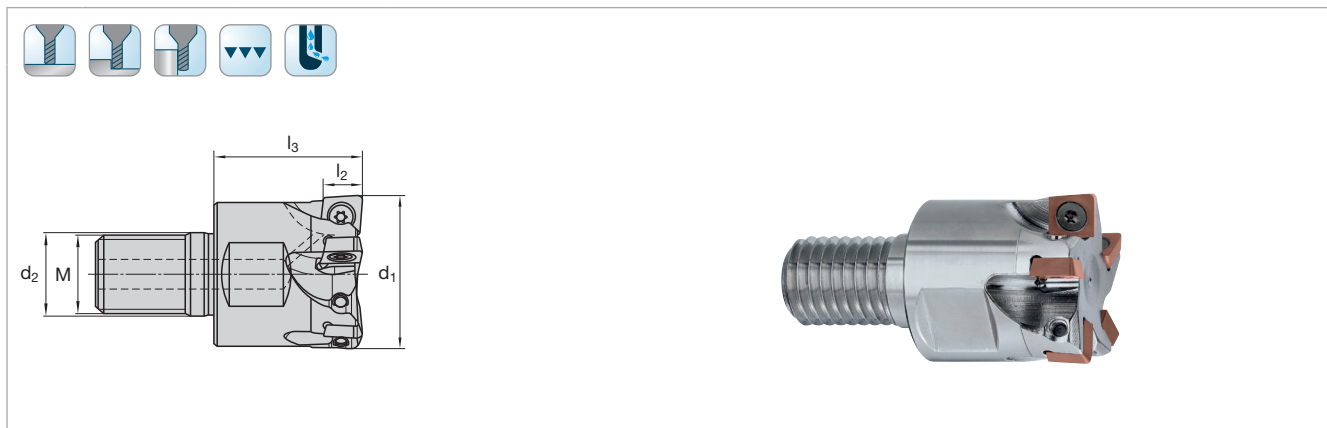
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.					
							LC280QN	LCKP28M	LCKP30M	LCKP20M	LC228E	LCP35M	LCP40M	LCPK10M	LWNS10M	LCH05M		LBHK85M				
	RDHX 0702 MO S	-	7	2,38	2,7	-								1055617	1055619					ECC FCC ECZ		
	RDHX 0702 MO S	-	7 ±0,01	2,38	2,7	-											1055757					
	RDHX 0702 MO E	-	7	2,38	2,6	-													7035551			
	RDKX 1003 MO E	-	10	3,18	3,8	-						7113569										
	RDKX 1003 MO S	-	10	3,18	3,8	-		7091246	7119315													
	RDHW 1003 MO S	-	10	3,18	3,8	-							1068613	1068623								
	RDHW 1003 MO S	-	10 ±0,01	3,18	3,8	-												1055759				
	RDHX 1003 MO S	-	10	3,18	3,8	-						9165726								7035552		
	RDKX 12T3 MO E	-	12	3,97	3,8	-							7113570									
	RDKX 12T3 MO S	-	12	3,97	3,8	-		7091253	7119316			9147885										
	RDHX 12T3 MO S	-	12	3,97	3,8	-						9165728		1070159	1070160					7035553		
	RDHX 12T3 MO S	-	12 ±0,01	3,97	3,8	-												1055761				

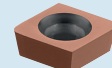


N = Anzahl der Schneidkanten N = Number of cutting edges		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.							
		ISO-Code	l	d	s	d ₁	r	LC280QN	LCKP28M	LCKP30M	LCKP20M	LCKP28M		LCP35M	LCP40M	LCPK10M	LWNS10M	LCH05M	LBHK85M	
 	RDKX 1604 MO E	-	16	4,76	5,2	-						7112984							ECC FCC ECZ FCZ	
	RDKX 1604 MO S	-	16	4,76	5,2	-		7041694	7119317		7041694							7035554		
	RDHW 1604 MO S	-	16	4,76	5,2	-							1068616	1068627						
	RDHX 1604 MO S	-	16 ±0,01	4,76	5,2	-												1055762		
 <p>N = abhängig von der Einstelltiefe depending on depth of positioning</p>	RDKT 0702 MO-TT	-	7	2,38	2,7	-	707266												ECC ECZ FCC FCZ	
	RDKT 1003 MO-TT	-	10	3,18	3,8	-	707268													
	RDKX 12T3 MO-TT	-	12	3,97	3,8	-	707271													
	RDKT 1604 MO-TT	-	16	4,76	5,2	-														

		Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.							
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LC280QN	LCS40M	LCM35M	LCKP20M	LCKP28M		LCPK20M	LCKP30M	LCPK15M	LWNS10M	LCH05M	LBHK85M	
 N = 2	RNLU 1204 MO M	-	12	4,75	4,57	-		7207971	7207970										ECC FCC
	RNLU 1204 MO R	-	12	4,75	4,57	-							7222375	7222374					
 N = 2	RNKX 1605 MO	-	16	4,76	5,2	-				7089594		7083759							FCC

Special discount*
 on cutter
 bodies

55%

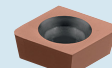




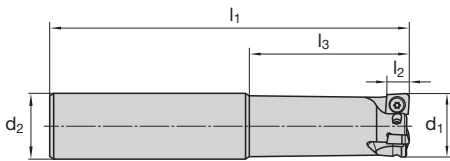
Katalog-Nr. Cat.-No.							ECG			
d ₁	l ₂	l ₃	d ₂	M	z	Ident No.	LMT-Code			
16	5	25	8,5	M8	3	7177787	ECG V05.016TR025-03-I	CPHX 050210	6119610	6119544 T6
20	5	25	10,5	M10	4	7177789	ECG V05.020TS025-04-I			
25	5	25	12,5	M12	5	7177791	ECG V05.025TF025-05-I			
20	8	25	10,5	M10	3	7114274	ECG V08.020TS025-03-I	CPHX 080310	6119613	6119528 T8
25	8	25	12,5	M12	4	7114275	ECG V08.025TF025-04-I			
32	8	30	16	M16	5	7114276	ECG V08.032TH030-05-I			
35	8	30	16	M16	5	7114277	ECG V08.035TH030-05-I			
40	8	30	16	M16	6	7114278	ECG V08.040TH030-06-I			

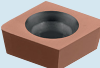


Special discount*
 on cutter
 bodies

55%



Katalog-Nr. Cat.-No.							FCG			
d ₁	l ₂	h	d ₂	z	Ident No.	LMT-Code				
42	8	40	16	6	7114279	FCG V08.042AN040-06-I	CPHX 080310	6119613	6119528 T8	
52	8	40	22	7	7114280	FCG V08.052AN040-07-I				
66	8	50	27	9	7114281	FCG V08.066AN050-09-I				
80	8	50	27	11	7092880	FCG V08.080AN050-11-I				
100	8	55	32	13	7092881	FCG V08.100AN055-13-I				



Katalog-Nr. Cat.-No.							ECG			
d ₁	l ₂	l ₁	l ₃	d ₂	z	Ident No.	LMT-Code			
12	5	77	32	12	2	7092882	ECG V05.012AN032-02-I	CPHX 050210	6119610	6119544 T6
12	5	95	50	12	2	7092883	ECG V05.012AN050-02-I			
16	5	88	40	16	3	7092884	ECG V05.016AN040-03-I			
16	5	138	90	16	3	7092885	ECG V05.016AN090-03-I			
20	8	110	60	20	3	7092886	ECG V08.020AN060-03-I	CPHX 080310	6119613	6119528 T8
20	8	170	120	20	3	7092887	ECG V08.020AN120-03-I			
25	8	146	90	25	4	7092888	ECG V08.025AN090-04-I			
25	8	216	160	25	4	7092889	ECG V08.025AN160-04-I			
32	8	150	90	32	5	7092890	ECG V08.032AN090-05-I			
32	8	220	160	32	5	7092891	ECG V08.032AN160-05-I			

							Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.				
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	d	s	W _{ax}	W _{ra}	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCPH05M	LCKP10M		LCH83M	LCN10M	LBHK95M	
<p>N = 2</p>	CPHX 050210 ER-FG0	4,76	2,38	0,8	0,8	1											7093853					ECG FCG
	CPHX 050210 ER-WG0	4,76	2,38	1	1,5	1									7292259	7292258						
	CPHX 050205 ER-WG0	4,76	2,38	1	1,5	0,5									7292261	7292260						
	CPHX 080310 ER-FG0	7,93	3,18	0,5	0,8	1											7108610					
	CPHX 080310 ER-WG0	7,93	3,18	1	1,5	1									7292255	7292254						
	CPHX 080305 ER-WG0	7,93	3,18	1	1,5	0,5									7292257	7292256						
<p>N = 1</p>	CPHX 080310 ER-WG0-A	7,93	3,18	3	0	1									7335472						ECG FCG	
	CPHX 080310 ER-WG0-B	7,93	3,18	3	0	1														7327471		

CopyMax®1
Kugel-Kopierfräser mit Stahlschaft
 Ball nose copy cutters with steel shank

Special discount* on cutter bodies

55%

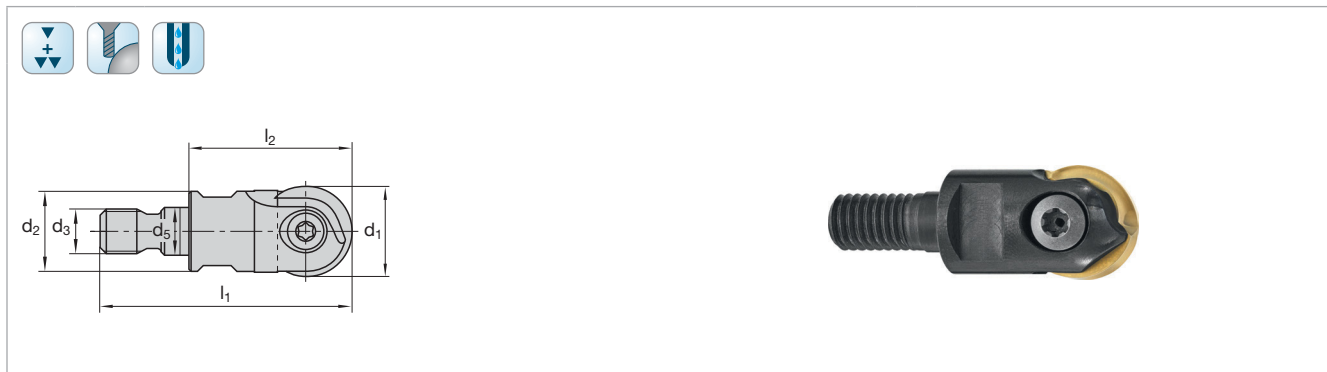


Katalog-Nr. Cat.-No.							CopyMax1				
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code				
12	50	120	12	11	2	7254109	EBC R12.012AN 120-I	CMR 12 SR	GWS-D 12	15IP	
12	60	160	12	11	2	7254110	EBC R12.012AN 160-I				
16	55	140	16	14,5	2	7254111	EBC R16.016AN 140-I	CMR 16 SR/DR	GWS-D 16	20IP	
16	80	200	16	14,5	2	7254112	EBC R16.016AN 200-I				
20	60	140	20	18,5	2	7254113	EBC R20.020AN 140-I	CMR 20 SR/DR	GWS-D 20	20IP	
20	80	200	20	18,5	2	7254114	EBC R20.020AN 200-I				
25	75	140	25	23	2	7254115	EBC R25.025AN 140-I	CMR 25 SR/DR	GWS-D 25	25IP	
25	75	200	25	23	2	7254116	EBC R25.025AN 200-I				
32	70	140	32	29	2	7254119	EBC R32.032AN 140-I	CMR 32 DR	GWS-D 32	30IP	
32	90	220	32	29	2	7254120	EBC R32.032AN 220-I				

CopyMax®1
Kugel-Kopieraufschraubfräser
 Ball nose screw-on type copy cutters

Special discount* on cutter bodies

55%



Katalog-Nr. Cat.-No.							CopyMax1				
d ₁	l ₂	l ₁	SW	d ₃	d ₅	d ₂	Ident No.	LMT-Code			
12	25	38	7	M6	6,5	10,8	7254127	EBC R12.012TC025-I	CMR 12 SR	GWS-D 12	15IP
16	26	43,5	10	M8	8,5	14,5	7254128	EBC R16.016TR026-I			
20	30	49,5	15	M10	10,5	18	7254129	EBC R20.020TS030-I	CMR 20 SR/DR	GWS-D 20	20IP
25	40	62	17	M12	12,5	23	7254130	EBC R25.025TF040-I			
32	45	69	24	M16	17	29	7254131	EBC R32.032TH045-I	CMR 32 DR	GWS-D 32	30IP

CopyMax®2
Kugel-Kopierfräser mit Stahlschaft
Ball nose copy cutters with steel shank

Special discount*
 on cutter
 bodies

55%

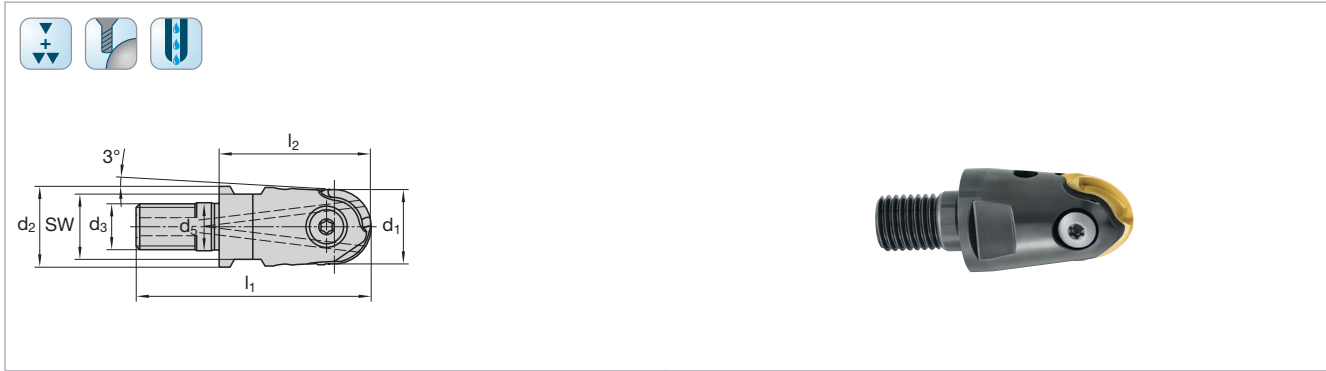


Katalog-Nr. Cat.-No.							CopyMax2				
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code				
16	55	120	20	15,5	2	7142056	EBC R16.016AR120-D	CMR 16 DR/SR	GWS-D 16	20IP	
16	55	180	20	15,5	2	7177697	EBC R16.016AR180-D				
20	70	140	25	18,8	2	7168015	EBC R20.020AS140-D	CMR 20 DR/SR	GWS-D 20	25IP	
20	70	200	25	18,8	2	7177700	EBC R20.020AS200-D				
25	95	160	32	23,6	2	7168016	EBC R25.025AV160-D	CMR 25 DR/SR	GWS-D 25	25IP	
25	95	240	32	23,6	2	7177702	EBC R25.025AV240-D				



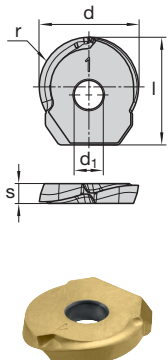
CopyMax®2
Kugel-Kopieraufschraubfräser
Ball nose screw-on type copy cutters

Special discount*
 on cutter
 bodies



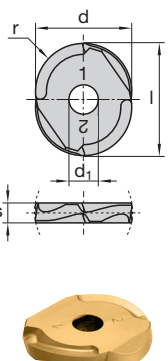
55%



Katalog-Nr. Cat.-No.									CopyMax2			
d ₁	l ₂	l ₁	SW	d ₃	d ₅	d ₂	α	Ident No.	LMT-Code			
16	30	49,5	15	M10	10,5	18	3°	7169840	EBC R16.016TE030-I-D	CMR 16 DR/SR	GWS-D 16	20IP
20	40	62	17	M12	12,5	21	3°	7177699	EBC R20.020TF040-I-D			
25	45	69	24	M16	17	29	5°	7177701	EBC R25.025TH045-I-D	CMR 25 DR/SR	GWS-D 20	25IP

  N = Anzahl der Schneidkanten N = Number of cutting edges		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.									
		ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M		LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M	LCMS35M	LCN10M	LDN10M
	CMR 12 SR	12,5	12	3	4,5	6																EBC R 12
	CMR 16 SR	16,5	16	3	5,2	8																EBC R 16
	CMR 20 SR	21,5	20	4	5,7	10																EBC R 20
	CMR 25 SR	27	25	5	6,2	12,5																EBC R 25

CopyMax®2
Schneidplatten CMR-DR
Copy inserts CMR-DR

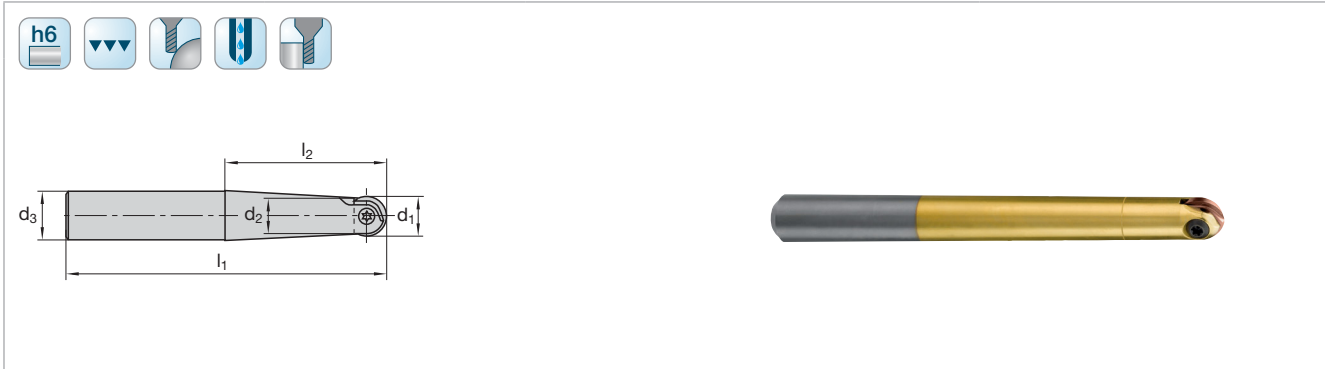
  N = Anzahl der Schneidkanten N = Number of cutting edges		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.									
		ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M		LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M	LCMS35M	LCN10M	LDN10M
	CMR 16 DR	18	16	3	5,2	8																EBC R 16
	CMR 20 DR	23	20	4	5,7	10																EBC R 20
	CMR 25 DR	28	25	5	6,2	12,5																EBC R 25
	CMR 32 DR	35	32	6	8,9	16																EBC R 32

N = 2

CopyLine SF
Kugel-Kopierfräser mit Hartmetallschaft
Ball nose copy cutters with carbide shank

Special discount*
on cutter
bodies

55%

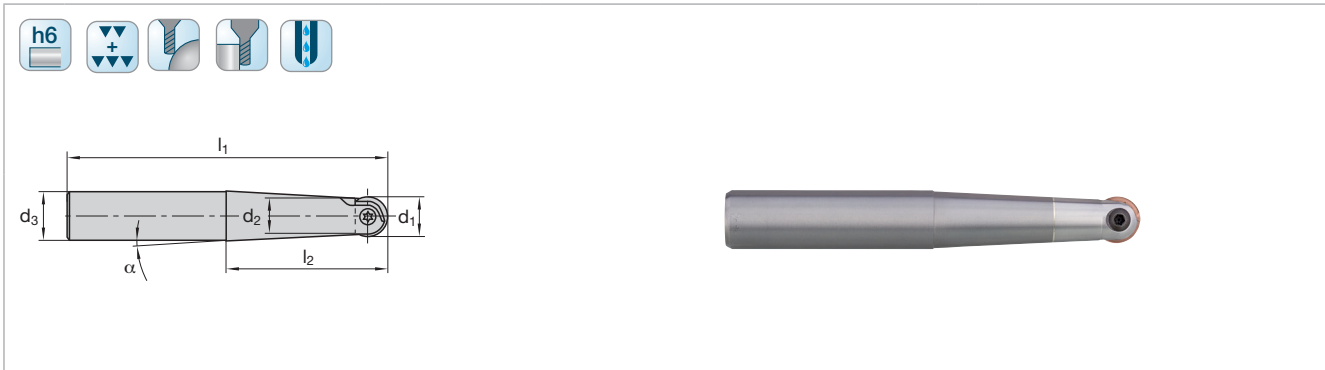


Katalog-Nr. Cat.-No.							GWR				
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code				
12	80	120	12	10,5	2	7057318	EBG R 12.012AN120-C-I-SF	WPR 12	GWS 12	T20	
16	50	100	16	14	2	7057319	EBG R 16.016AN100-C-I-SF	WPR 16	GWS 16		
16	100	150	16	14	2	7057320	EBG R 16.016AN150-C-I-SF		GWS 16		
20	100	150	20	18	2	7057321	EBG R 20.020AN150-C-I-SF	WPR 20	GWS 20		

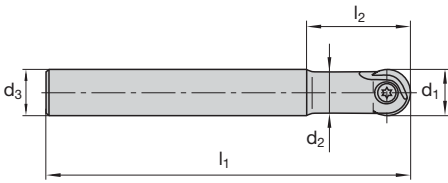
CopyLine GWR 5x
Kugel-Kopierfräser mit Hartmetallschaft
Ball nose copy cutters with carbide shank

Special discount*
on cutter
bodies

55%



Katalog-Nr. Cat.-No.								GWR 5x				
d ₁	l ₂	l ₁	d ₃	d ₂	α	z	Ident No.	LMT-Code				
6	40	100	8	5,8	1,50°	2	6128437	EBG R06.006AP100-C-1,50	WPR 06	WPB 06	GWS 06	T6
6	40	90	8	5,8	1,75°	2	9153236	EBG R06.006AP090-C-1,75				
6	30	90	8	5,8	3,00°	2	9198390	EBG R06.006AP090-C-3,00				
6	65	110	8	5,8	1,00°	2	9198458	EBG R06.006AP110-C-1,00				
8	60	100	10	7	1,25°	2	9148824	EBG R08.008AP100-C-1,25	WPR 08	WPB 08	GWS 08	T8
8	35	100	10	7	1,50°	2	9198493	EBG R08.008AP100-C-1,50				
8	35	100	10	7	3,00°	2	9198487	EBG R08.008AP100-C-3,00				
8	90	150	10	7	1,00°	2	9148825	EBG R08.008AP150-C-1,00				
10	60	100	12	8,8	1,25°	2	9148826	EBG R10.010AP100-C-I-1,25	WPR 10	WPB 10	GWS 10	T15
10	90	150	12	8,8	1,00°	2	9148827	EBG R10.010AP150-C-I-1,00				
12	70	120	16	10,5	2,00°	2	9148828	EBG R12.012AR120-C-I-2,00	WPR 12	WPB 12	GWS 12	T20
12	90	150	16	10,5	1,50°	2	9148919	EBG R12.012AR150-C-I-1,50				
16	70	140	20	14	2,00°	2	9148920	EBG R16.016AR140-C-I-2,00	WPR 16	WPB 16	GWS 16	T30
16	90	175	20	14	1,50°	2	9148821	EBG R16.016AR175-C-I-1,50				

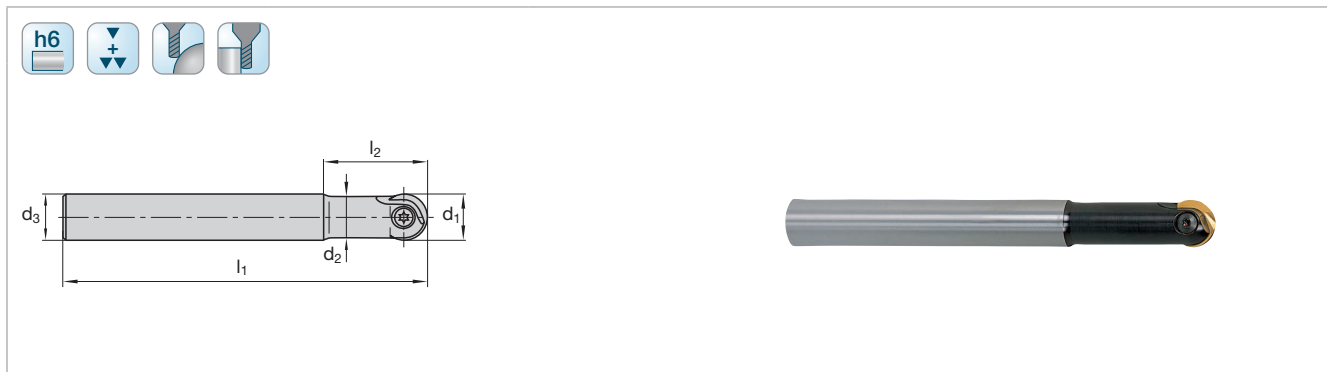


Katalog-Nr. Cat.-No.							GWR						
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	IKZ ¹⁾	LMT-Code					
6	20	100	6 <i>SlimLine</i>	5,8	2	6130088	-	EBG R06.006AN100-C	WPR 06	WPB 06	GWS 06	T6	
6	70	150	6 <i>SlimLine</i>	5,8	2	6130086	-	EBG R06.006AN150-C					
6	100	200	6 <i>SlimLine</i>	5,8	2	6130084	-	EBG R06.006AN200-C					
8	25	80	8	7	2	6131495	-	EBG R08.008AN080-C	WPR 08		GWS 08	T8	
8	25	100	8	7	2	6121301	-	EBG R08.008AN100-C					
8	40	150	8	7	2	6121284	-	EBG R08.008AN150-C					
10	35	80	10	8,8	2	9074942	6131499	EBG R10.010AN080-C-I	WPR 10		GWS 10	T15	
10	35	120	10	8,8	2	6121285	6130392	EBG R10.010AN120-C-I					
10	50	150	10	8,8	2	6121286	6130393	EBG R10.010AN150-C-I					
12	35	80	12	10,5	2	9074945	6131500	EBG R12.012AN080-C-I	WPR 12		GWS 12	T20	
12	35	120	12	10,5	2	6121287	6130394	EBG R12.012AN120-C-I					
12	50	160	12	10,5	2	6121288	6130395	EBG R12.012AN160-C-I					
16	40	100	16	14	2	-	6131501	EBG R16.016AN100-C-I	WPR 16		GWS 16		
16	40	140	16	14	2	-	6130396	EBG R16.016AN140-C-I					
16	55	175	16	14	2	-	6130397	EBG R16.016AN175-C-I					
20	50	100	20	18	2	-	6131503	EBG R20.020AN100-C-I	WPR 20		GWS 20		
20	50	140	20	18	2	-	6130398	EBG R20.020AN140-C-I					
20	75	190	20	18	2	-	6130399	EBG R20.020AN190-C-I					
25	60	160	25	22,4	2	-	6130400	EBG R25.025AN160-C-I	WPR 25		GWS 25	T30	
25	90	210	25	22,4	2	-	6130401	EBG R25.025AN210-C-I					
32	65	190	32	28,6	2	-	-	EBG R32.032AN190-C					
32	105	240	32	28,6	2	-	-	EBG R32.032AN240-C	WPR 32		GWS 32		

CopyLine GWR
Kugel-Kopierfräser mit Stahlschaft
 Ball nose copy cutters with steel shank

Special discount* on cutter bodies

55%



Katalog-Nr. Cat.-No.							GWR				
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code				
12	32	90	12	10,5	2	6130568	EBG R12.012AN090	WPR 12	GWS 12	T20	
12	32	130	12	10,5	2	6121395	EBG R12.012AN130				
12	46	150	12	10,5	2	6121397	EBG R12.012AN150				
16	36	100	16	14	2	6130569	EBG R16.016AN100	WPR 16	GWS 16	T20	
16	36	140	16	14	2	6121385	EBG R16.016AN140				
16	53	160	16	14	2	6121387	EBG R16.016AN160				
20	45	160	20	18	2	6121382	EBG R20.020AN160	WPR 20	GWS 20	T20	
20	61	175	20	18	2	6121375	EBG R20.020AN175				
25	45	160	25	22,4	2	6121367	EBG R25.025AN160	WPR 25	GWS 25	T30	
25	70	190	25	22,4	2	6121369	EBG R25.025AN190				
30	56	175	32	27	2	6200387	EBG R30.030AP175	WPR 30	GWS 32	T30	
30	80	210	32	27	2	6121350	EBG R30.030AP210				
32	56	175	32	28,6	2	6121359	EBG R32.032AN175	WPR 32	GWS 32	T30	
32	80	210	32	28,6	2	6121361	EBG R32.032AN210				

CopyLine GWR
Kugel-Kopierfräser mit Morsekegel
 Ball nose copy cutters with morse taper

Special discount* on cutter bodies

55%

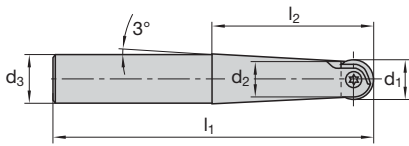


Katalog-Nr. Cat.-No.							GWR				
d ₁	l ₂	l ₁	MK	l ₄	d ₂	z	Ident No.	LMT-Code			
12	53	130	2	60	10,5	2	6121320	EBG R12.012M2130	WPR 12	GWS 12	T20
16	53	130	2	60	14	2	6121324	EBG R16.016M2130			
20	61	140	2	76	17,8	2	6121328	EBG R20.020M2140			
25	70	170	3	89	22,4	2	6121316	EBG R25.025M3170	WPR 25	GWS 25	T30
32	70	190	4	87,5	28,6	2	6121311	EBG R32.032M4190			

CopyLine GWR
Kugel-Kopierfräser
 Ball nose copy cutters

Special discount*
 on cutter
 bodies

55%

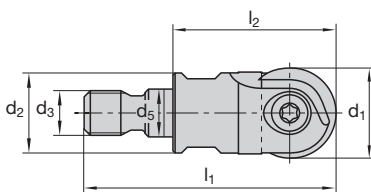


Katalog-Nr.		Cat.-No.		GWR										
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code							
6	16	90	10	5,3	2	6128481	EBG R06.006AR090	WPR 06						
8	50	85	12	7,5	2	6130570	EBG R08.008AR085	WPR 08	WPV 08	WPB 08	GWS 08	T8		
8	50	140	12	7,5	2	6121409	EBG R08.008AR140							
10	35	85	12	9	2	6130571	EBG R10.010AP085	WPR 10	WPV 10	WPB 10	GWS 10	T15		
10	35	150	12	9	2	6121401	EBG R10.010AP150							
12	60	110	16	10,5	2	6130572	EBG R12.012AR110	WPR 12			GWS 12	T20		
12	60	160	16	10,5	2	6121402	EBG R12.012AR160							
16	67	120	20	14	2	6130573	EBG R16.016AR120	WPR 16			GWS 16			
16	67	175	20	14	2	6121403	EBG R16.016AR175							
20	80	190	25	18	2	6121404	EBG R20.020AS190	WPR 20			GWS 20			
25	100	210	32	22,4	2	6121405	EBG R25.025AV210	WPR 25			GWS 25	T30		
32	123	240	40	28,6	2	6121392	EBG R32.032AW240	WPR 32			GWS 32			

CopyLine GWR
Kugel-Kopieraufschraubfräser
 Ball nose screw-on type copy cutters

Special discount*
 on cutter
 bodies

55%



Katalog-Nr.		Cat.-No.		GWR											
d ₁	l ₂	l ₁	sw	d ₃	d ₅	d ₂	z	IKZ	Ident No.	LMT-Code					
8	25	39,5	8	M6	6,5	10	2	-	6131455	EBG R08.008TC025	WPR 08	WPV 08	WPB 08	GWS 08	T8
10	25	39,5	8	M6	6,5	10	2	-	6131457	EBG R10.010TC025	WPR 10	WPV 10	WPB 10	GWS 10	T15
12	25	39,5	8	M6	6,5	10	2	-	6131451	EBG R12.012TC025	WPR 12			GWS 12	T20
12	26	43,5	10	M8	8,5	13	2	■	6131459	EBG R12.012TR026-I					
16	26	43,5	10	M8	8,5	13	2	■	6131461	EBG R16.016TR26-I	WPR 16			GWS 16	
20	30	49,5	15	M10	10,5	18	2	■	6131463	EBG R20.020TS030-I	WPR 20			GWS 20	
25	40	62	17	M12	12,5	21	2	■	6131465	EBG R25.025TF040-I	WPR 25			GWS 25	T30
32	45	69	26	M16	17	30	2	■	6131470	EBG R32.032TH045-I	WPR 32			GWS 32	

		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.						
		LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M		LCH33M	LCN10M	LDN10M			
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r													
 N = 2	WPR 8 SF	-	8	2	3	4											7100806	7100808	EBG R 08...SF
	WPR 10 SF	-	10	2,5	4	5											7100801	7100804	EBG R 10...SF
	WPR 12 SF	-	12	2,5	5	6											7057312	7057313	EBG R 12...SF
	WPR 16 SF	-	16	3	5	8											7057314	7057315	EBG R 16...SF
	WPR 20 SF	-	20	3	5	10											7057316	7057317	EBG R 20...SF
	WPR 25 SF	-	25	4	6	12,5											7100734	7100736	EBG R 25...SF

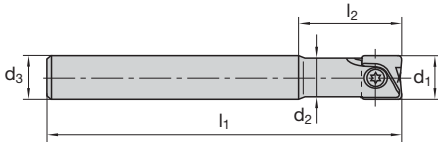
		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.				
		LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK30M		LCH33M	LCN10M	LDN10M	
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r											
	WPR 12 AR	-	12	2,5	5	6						9076995	7214303		7016769		EBG R 12
	WPR 16 AR	-	16	3	5	8						6183222	7214304		9080642		EBG R 16
	WPR 20 AR	-	20	3	5	10						6183220	7214305		9080644		EBG R 20
N = 2																	
	WPR 25 AR	-	25	4	6	12,5						6183218	7214306		9080645		EBG R 25
	WPR 32 AR	-	32	5	8	16						9074078	7214307		7016820		EBG R 32
N = 2																	





		Schneidstoffsorten Cutting materials											Für Fräser For cutter								
		Ident No.																			
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M	LCH33M	LCN10M	LDN10M	Cat-No.
 N = 2	WPR 06 N	-	6	1,6	2,5	3									7214248	7108571					EBG R 06
	WPR 08 N	-	8	2	3	4	6123058				9078153				7214252	7108479		7108486			EBG R 08
	WPR 10 N	-	10	2,5	4	5	6123180		6123172		9078154				7214253	7108490		7108491			EBG R 10
	WPR 12 N	-	12	2,5	5	6	6123159		6123153		9078155				7214254	7108498		7108499			EBG R 12
	WPR 16 N	-	16	3	5	8	6123140		6123135		6131686				7214255	7108501		7108502			EBG R 16
	WPR 20 N	-	20	3	5	10	6123122		6123117		9078156				7214256	7108503		7108505			EBG R 20
	WPR 25 N	-	25	4	6	12,5	6180175		6123099		9078157				7214257	7108508		7108509			EBG R 25
	WPR 30 N	-	30	5	6	15	6123065		6200388						7214258	7108512					EBG R 30
	WPR 32 N	-	32	5	8	16	6180254	6123076			9078158				7214259	7108561		7108562			EBG R 32

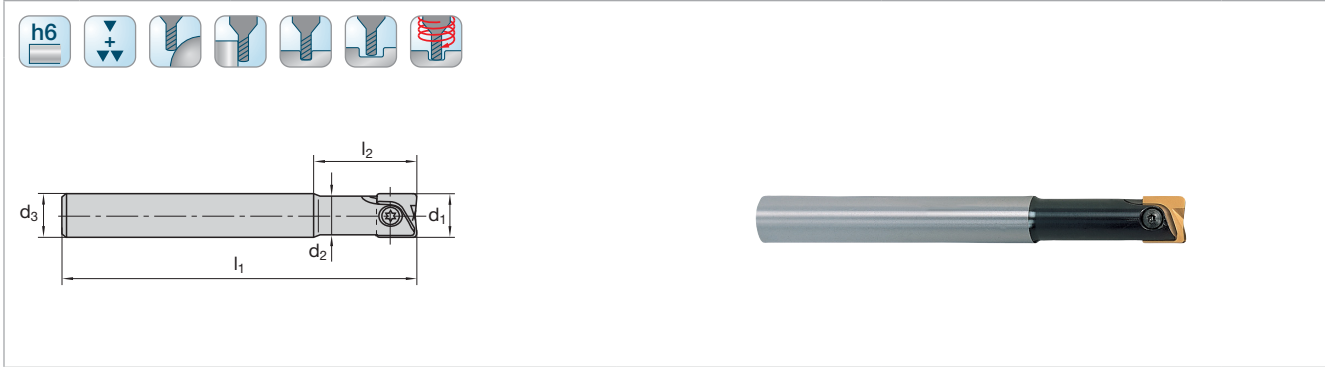
		Schneidstoffsorten Cutting materials												Für Fräser For cutter								
		Ident No.																				
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M	LCH33M	LCN10M	LDN10M	Cat-No.	
<p>N = 2</p>	WPR 08 CF	-	8	2	3	4			6122963		9078159		6132336									EBG R 08
	WPR 10 CF	-	10	2,5	4	5			6123043		9078160		6132337									EBG R 10
	WPR 12 CF	-	12	2,5	5	6			6123024		9078161		6132338									EBG R 12
	WPR 16 CF	-	16	3	5	8			6123006		6131685		6131617									EBG R 16
	WPR 20 CF	-	20	3	5	10			6123004		9078163		6132339									EBG R 20
	WPR 25 CF	-	25	4	6	12,5			6122984		9077244		6132341									EBG R 25
	WPR 32 CF	-	32	5	8	16			6122979		9078164		6132342									EBG R 32

							Schneidstoffsorten Cutting materials										Für Fräser For cutter						
N = Anzahl der Schneidkanten N = Number of cutting edges	LMT-Code	l	d	s	d ₁	r	Ident No.											Cat-No.					
							LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M			LCHK10M	LCH33M	LCN10M	LDN10M	
 N = 2	WPR 06 D	-	6	1,6	2,5	3											7214281	7108973					EBG R 06
	WPR 08 D	-	8	2	3	4											7214282	7108873		7108874			EBG R 08
	WPR 10 D	-	10	2,5	4	5											7214284	7108902		7108904			EBG R 10
	WPR 12 D	-	12	2,5	5	6											7214285	7108961		7108963			EBG R 12
	WPR 16 D	-	16	3	5	8											7214286	7108845		7108846			EBG R 16
	WPR 20 D	-	20	3	5	10											7214287	7108848		7108849			EBG R 20
	WPR 25 D	-	25	4	6	12,5											7214288	7108854		7108855			EBG R 25
	WPR 32 D	-	32	5	8	16											7214289	7108861		7108862			EBG R 32

		Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.					
		LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M		LCH33M	LCN10M	LDN10M		
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r												
<p>N = 2</p>	WPR 06 DN	-	6	1,6	2,5	3				6132363							9079232	EBG R 06
	WPR 08 DN	-	8	2	3	4				6131629							9074406	EBG R 08
	WPR 10 DN	-	10	2,5	4	5				6131302							6132330	EBG R 10
	WPR 12 DN	-	12	2,5	5	6				6131303							6132329	EBG R 12
	WPR 16 DN	-	16	3	5	8				6131304							9074409	EBG R 16
	WPR 20 DN	-	20	3	5	10				6131305							6132089	EBG R 20
	WPR 25 DN	-	25	4	6	12,5				6131306								EBG R 25
	WPR 32 DN	-	32	5	8	16				6131307								

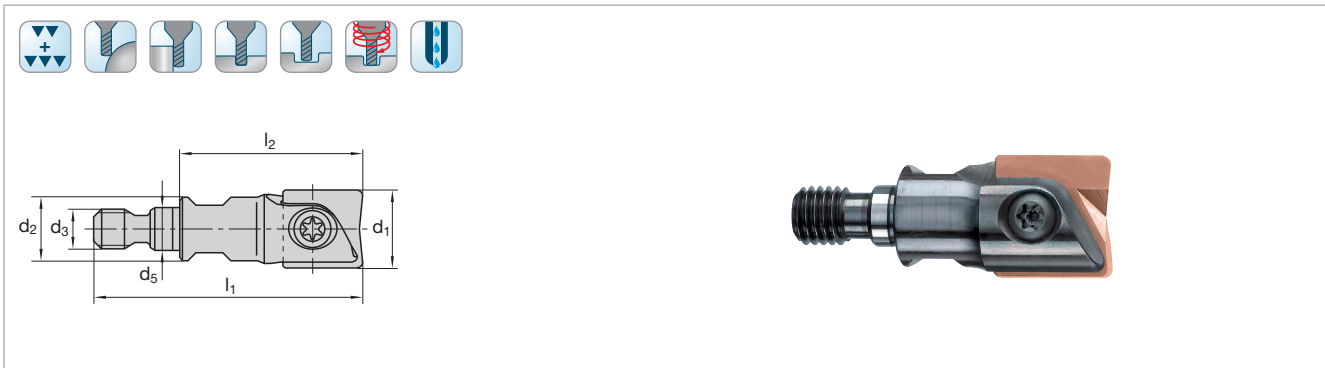


Katalog-Nr. Cat.-No.									GWV			
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	IKZ ¹⁾ Ident No.	LMT-Code				
8	27	82	8	7	2	6131510	-	EBG V08.008AN080-C	WPB 08	WPV 08	GWS 08	T8
8	27	102	8	7	2	6130576	-	EBG V08.008AN100-C				
8	42	152	8	7	2	6130577	-	EBG V08.008AN150-C				
10	37	82	10	8,8	2	9074948	6131512	EBG V10.010AN080-C-I	WPB 10	WPV 10	GWS 10	T15
10	37	122	10	8,8	2	6130578	6131511	EBG V10.010AN120-C-I				
10	52	152	10	8,8	2	6130579	6131513	EBG V10.010AN150-C-I				
12	37	82	12	10,5	2	9074949	6131514	EBG V12.012AN080-C-I	WPB 12	WPV 12	GWS 12	T20
12	37	122	12	10,5	2	6128023	6130402	EBG V12.012AN120-C-I				
12	52	162	12	10,5	2	6128030	6130403	EBG V12.012AN160-C-I				
16	42	102	16	14	2	-	6131515	EBG V16.016AN100-C-I	WPB 16	WPV 16	GWS 16	
16	42	142	16	14	2	-	6130404	EBG V16.016AN140-C-I				
16	57	177	16	14	2	-	6130405	EBG V16.016AN175-C-I				
20	52	102	20	18	2	-	6131516	EBG V20.020AN100-C-I	WPB 20	WPV 20	GWS 20	
20	52	142	20	18	2	-	6130406	EBG V20.020AN140-C-I				
20	77	192	20	18	2	-	6130407	EBG V20.020AN190-C-I				
25	62	162	25	22,4	2	-	6130408	EBG V25.025AN160-C-I	WPB 25	WPV 25	GWS 25	T30
25	92	212	25	22,4	2	-	6130409	EBG V25.025AN210-C-I				
32	67	192	32	28,6	2	-	-	EBG V32.032AN190-C		WPV 32	GWS 32	



Katalog-Nr. Cat.-No.							GWV						
d ₁	l ₂	l ₁	d ₃	d ₂	z	Ident No.	LMT-Code						
12	34	92	12	10,5	2	6130574	EBG V12.012AN090	WPB 12	WPV 12	GWS 12	T20		
12	34	132	12	10,5	2	6121399	EBG V12.012AN130						
12	48	152	12	10,5	2	6121383	EBG V12.012AN150						
16	38	102	16	14	2	6130575	EBG V16.016AN100	WPB 16	WPV 16	GWS 16	T20		
16	38	142	16	14	2	6121389	EBG V16.016AN140						
16	55	162	16	14	2	6121391	EBG V16.016AN160						
20	47	162	20	18	2	6121377	EBG V20.020AN160	WPB 20	WPV 20	GWS 20	T20		
20	63	177	20	18	2	6121379	EBG V20.020AN175						
25	47	162	25	22,4	2	6121371	EBG V25.025AN160	WPB 25	WPV 25	GWS 25	T30		
25	72	192	25	22,4	2	6121373	EBG V25.025AN190						
32	58	177	32	28,6	2	6121363	EBG V32.032AN175	WPB 32	WPV 32	GWS 32	T30		
32	82	212	32	28,6	2	6121364	EBG V32.032AN210						

CopyLine GWV
Kopieraufschraubfräser
Screw-on type copy cutters



Katalog-Nr. Cat.-No.										GWV				
d ₁	l ₂	l ₁	sw	d ₃	d ₅	d ₂	z	IKZ	Ident No.	LMT-Code				
8	25	39,5	8	M6	6,5	10	2	-	6131472	EBG V08.008TC025	WPV 08	WPB 08	GWS 08	T8
10	25	39,5	8	M6	6,5	10	2	-	6131474	EBG V10.010TC025	WPV 10	WPB 10	GWS 10	T15
12	25	39,5	9	M6	6,5	10	2	-	6131476	EBG V12.012TC025	WPV 12	WPB 12	GWS 12	T20
12	28	45,5	10	M8	8,5	13	2	■	6131478	EBG V12.012TR028-I	WPV 12	WPB 12	GWS 12	
16	28	45,5	10	M8	8,5	13	2	■	6131480	EBG V16.016TR028-I	WPV 16	WPB 16	GWS 16	
20	32	51,5	15	M10	10,5	18	2	■	6131482	EBG V20.020TS032-I	WPV 20	WPB 20	GWS 20	
25	42	64	17	M12	12,5	21	2	■	6131484	EBG V25.025TF042-I	WPV 25	WPB 25	GWS 25	T30
32	47	71	26	M16	17	30	2	■	6131486	EBG V32.032TH047-I	WPV 32		GWS 32	

							Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.					
N = Anzahl der Schneidkanten N = Number of cutting edges	LMT-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M		LCHK10M	LCH33M	LCN10M	LDN10M	
<p>N = 2</p>	WPB 08 N 06	9,5	8	2	3	0,6			6282921						7214312	7108320						EBG V 08
	WPB 08 N 10	9,5	8	2	3	1			6282916						7214313	7108321						
	WPB 10 N 08	11,5	10	2,5	4	0,8			6282922						7214314	7108323						EBG V 10
	WPB 10 N 10	11,5	10	2,5	4	1			6282917						7214315	7108324						
	WPB 12 N 10	14	12	2,5	5	1			6129226						7214316	7108325						EBG V 12
	WPB 12 N 20	14	12	2,5	5	2			6128105						7214317	7108326						
	WPB 16 N 10	16	16	3	5	1			6129228						7214318	7108404						EBG V 16
	WPB 16 N 13	16	16	3	5	1,3			6282923						7214319	7108406						
	WPB 16 N 30	16	16	3	5	3			6128109						7214320	7108407						

							Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.					
N = Anzahl der Schneidkanten N = Number of cutting edges	LMT-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M		LCHK10M	LCH33M	LCN10M	LDN10M	
 N = 2	WPB 20 N 10	18	20	3	5	1			6129230						7214321	7108408						EBG V 20
	WPB 20 N 16	18	20	3	5	1,6			6282924						7214322	7108412						
	WPB 20 N 40	18	20	3	5	4			6128113						7214323	7108413						
	WPB 25 N 10	23,5	25	4	6	1									7214324	7108424						EBG V 25
	WPB 25 N 20	23,5	25	4	6	2			6282926						7214325	7108429						
	WPB 25 N 50	23,5	25	4	6	5									7214326	7108434						

							Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.						
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M		LCHK10M	LCH33M	LCN10M	LDN10M		
<p>N = 2</p>	WPB 06 CF 05	8	6	1,6	2,5	0,5			6129234				9075747							6282824		EBG R 06	
	WPB 08 CF 10	9,5	8	2	3	1			6129236				7014307							6282825		EBG V 08	
	WPB 10 CF 10	11,5	10	2,5	4	1			6129238				7006341							6282826		EBG V 10	
	WPB 12 CF 10	14	12	2,5	5	1			6282909				7014312							6282827		EBG V 12	
	WPB 12 CF 20	14	12	2,5	5	2			6128107				7016146										
	WPB 16 CF 10	16	16	3	5	1			6282910				7014313							6282828		EBG V 16	
	WPB 16 CF 30	16	16	3	5	3			6128111				7016149										
	WPB 20 CF 10	18	20	3	5	1			6282911				7014308										EBG V 20
	WPB 20 CF 40	18	20	3	5	4			6128115				7016151										
	WPB 25 CF 10	23,5	25	4	6	1			6282912				7014314										EBG V 25
	WPB 25 CF 50	23,5	25	4	6	5							7016152										

							Schneidstoffsorten Cutting materials Ident No.										Für Fräser For cutter Cat-No.					
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M		LCHK10M	LCH33M	LCN10M	LDN10M	
90° N = 2	WPV 08 N	9,5	8	2	3	0,6			6122594		7016008					7108592						EBG V 08
	WPV 10 N	11,5	10	2,5	4	0,8			6122668		7016009					7108596						EBG V 10
	WPV 12 N	14	12	2,5	5	1			6122664		7016131					7108601						EBG V 12
	WPV 16 N	16	16	3	5	1,3			6122640		7016133					7108604						EBG V 16
	WPV 20 N	18	20	3	5	1,6			6122634		7016135					7108605						EBG V 20
	WPV 25 N	23,5	25	4	6	2			6122628		7016138					7108607						EBG V 25
	WPV 32 N	28	32	5	8	2,5			6122620		7016141					7108608						EBG V 32

							Schneidstoffsorten Cutting materials											Für Fräser For cutter				
							Ident No.															
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M		LCH33M	LCN10M	LDN10M	Cat-No.
<p>N = 2</p>	WPV 08 CF	9,5	8	2	3	0,6			6122543		7017875		7014249									EBG V 08
	WPV 10 CF	11,5	10	2,5	4	0,8			6122586		6132354		7014303									EBG V 10
	WPV 12 CF	14	12	2,5	5	1			6122579		7016130		7014302									EBG V 12
	WPV 16 CF	16	16	3	5	1,3			6122572		7016132		7014301									EBG V 16
	WPV 20 CF	18	20	3	5	1,6			6122565		7016134		7014300									EBG V 20
	WPV 25 CF	23,5	25	4	6	2			6122558		7016136		7016137									EBG V 25
	WPV 32 CF	28	32	5	8	2,5							7016140									EBG V 32

HF							Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter Cat-No.				
N = Anzahl der Schneidkanten N = Number of cutting edges	LMT-Code	l	d	s	d ₁	r _{theo.}	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M		LCH33M	LCN10M	LDN10M	
<p>N = 2</p>	WPB 06 HF	8	6	1,6	2,5	0,6						7245030		7214333								EBG R 06
	WPB 08 HF	9,5	8	2	3	0,8						7132044		7214334								EBG V 08
	WPB 10 HF	11,5	10	2,5	4	1,0						7132045		7214335								EBG V 10
	WPB 12 HF	14	12	2,5	5	1,2						6132176		7214336								EBG V 12
	WPB 16 HF	16	16	3	5	1,6						6132180		7214337								EBG V 16
	WPB 20 HF	18	20	3	5	2,0						6132182		7214338								EBG V 20
	WPB 25 HF	23,5	25	4	6	2,5						9087093		7214339								EBG V 25
	WPB 32 HF	26,5	32	5	8	3,2						7245031		7214340								EBG V 32

							Schneidstoffsorten Cutting materials Ident No.											Für Fräser For cutter		
N = Anzahl der Schneidkanten N = Number of cutting edges	ISO-Code	l	d	s	d ₁	r	LWP40M	LWNS30M	LWNS10M	LWNS33M	LCP40M	LCPK30M	LCPK10M	LCPK25M	LCPK15M	LCKP10M	LCHK10M	LCH33M	LBHK95M	Cat-No.
<p>N = 2</p>	WPB 06 FB 20	8	6	1,6	2,5	2										9112332				EBG R 06
	WPB 08 FB 30	9,5	8	2	3	3										9112328				EBG R 08
	WPB 10 FB 40	11,5	10	2,5	4	4										9097607				EBG R 10
	WPB 12 FB 50	14	12	2,5	5	5										9097606			9078092	EBG R 12
	WPB 16 FB 70	16	16	3	5	7										9095870			9078091	EBG R 16
	WPB 20 FB 90	18	20	3	5	9										9097608			9080149	EBG R 20

Performance und Precision mit LMT Tools

With the extensive range of indexable insert milling cutters, LMT Tools offers possibilities for economic face milling, shoulder milling, copy milling and high feed milling. Due to innovative cutting materials, coatings and tool geometries, new performance ranges can be achieved in many applications, e.g. in mold and die making. Take advantage of these opportunities for your production now.



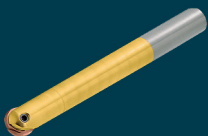

LMT Tools indexable insert milling cutters offer:

- Wide range of applications
- Increase in feed rates
- Shorter machining times
- Shorter production times with the same surface quality
- High metal removal rate
- Reduced manufacturing costs

Decide now for more efficiency. Best performance with special discount* on indexable milling cutter bodies

Note! When ordering, please refer to the promotional code: **BM22**.

*Valid until March 31, 2023. Promotional discount applies only to the cutter bodies shown in this brochure, when bought with 1 package (5/10 pcs) of inserts.

	High feed milling	Face milling	Copy milling	Shoulder milling
				
Product name	MultiEdge 2Feed mini MultiEdge 4Feed	MultiFace H45 PRO4 MultiFace P45 PRO8	CopyLine FinishLine Premium ACU-Jet Premium CopyMax	Univex Premium MultiEdge T90PRO4 MultiEdge T90PRO8
Product description	High feed milling systems	Face milling systems	Proven and flexible system for copy milling with indexable inserts	Shoulder milling systems
Product application	<ul style="list-style-type: none"> ■ Roughing, semi finishing and finishing ■ Variety of insert geometries to fit several applications ■ Different solutions to fit various customer needs 	<ul style="list-style-type: none"> ■ Roughing, semi finishing and finishing ■ Variety of insert geometries to fit several applications ■ Depth of cut up to 6,0 mm 	<ul style="list-style-type: none"> ■ Roughing, semi finishing and finishing with just one tool system ■ Perfect surface quality due to highest precision 	<ul style="list-style-type: none"> ■ Precise 90° shoulder milling ■ Wide range of indexable inserts and body types
Industry sector	<ul style="list-style-type: none"> ■ Automotive ■ Chemical Processing ■ General Machining ■ Job Shops ■ Mold & Die 	<ul style="list-style-type: none"> ■ Automotive ■ Chemical Processing ■ General Machining ■ Job Shops ■ Mold & Die 	<ul style="list-style-type: none"> ■ General Machining ■ Mold & Die 	<ul style="list-style-type: none"> ■ General Machining ■ Job Shops ■ Mold & Die

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