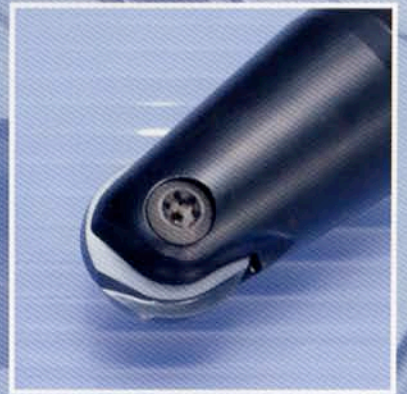
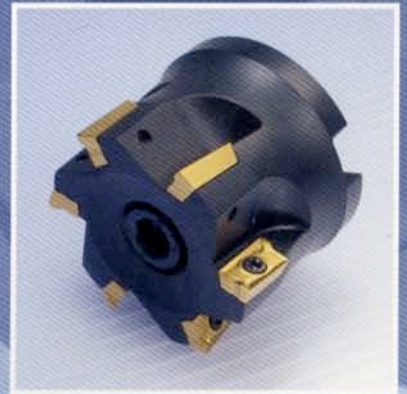


Fraisage CANELA



Fraises à surfacer

Page 4

Fraises à surfacer dresser

Page 17

Fraises disque et en T

Page 41

Fraises hérisson

Page 50

Fraises spécifiques et coffrets

Page 56

Fraises de forme

Page 69




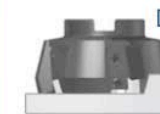






















Têtes à aléser

Page 80

Pièces détachées

Page 90

Face milling cutters

<p>0440.90 75° General application 75°</p>  <p>Page 5 SP.. 1203..</p>	<p>0440.99 75° General application 75°</p>  <p>Page 5 SP.. 1203..</p>	<p>0450.99 75° Deep cutting 75°</p>  <p>Page 6 SP.. 1504..</p>	<p>0442.90 75° Casting applications 75°</p>  <p>Page 6 SN.. 1204..</p>	<p>0442.99 75° Casting applications 75°</p>  <p>Page 7 SN.. 1204..</p>	<p>0630.00 Chamfering 45°</p>  <p>Page 7 TPUN 1603..</p>
<p>0630.07 Chamfering 45°</p>  <p>Page 8 TPUN 1603..</p>	<p>0630.30 Chamfering 45°</p>  <p>Page 8 TPUN 1603..</p>	<p>0630.90 45° Facing and chamfering 45°</p>  <p>Page 8 TPUN 1603..</p>	<p>0640.90 45° Facing and chamfering 45°</p>  <p>Page 9 TPUN 2204..</p>	<p>0740.00 Chamfering 45°</p>  <p>Page 9 SPM.. 1204..</p>	<p>0740.07 Chamfering 45°</p>  <p>Page 9 SPM.. 1204..</p>
<p>0740.30 Chamfering 45°</p>  <p>Page 10 SPM.. 1204..</p>	<p>0744.90 45° Facing and chamfering 45°</p>  <p>Page 10 SC.. 1204..</p>	<p>0748.90 45° First choice 45°</p>  <p>Page 11 SEK.. 1203..</p>	<p>0748.99 45° General application 45°</p>  <p>Page 11 SEK.. 1203..</p>	<p>0758.99 45° Deep cutting 45°</p>  <p>Page 12 SEKN 1504..</p>	<p>1430.90 75° General application 75°</p>  <p>Page 12 APKT 1604..</p>
<p>1748.07 Facing and chamfering 45°</p>  <p>Page 13 SEH.. 1204..</p>	<p>1748.90 45° Soft materials 45°</p>  <p>Page 13 SEH.. 1204..</p>	<p>1748.93 45° Soft materials 45°</p>  <p>Page 14 SEH.. 1204..</p>	<p>1748.99 45° Soft materials 45°</p>  <p>Page 14 SEH.. 1204..</p>	<p>1845.90 42° Multipurpose milling 42°</p>  <p>Page 15 ODMT 0404..</p>	<p>1845.99 42° Multipurpose milling 42°</p>  <p>Page 15 ODM.. 0404..</p>
<p>1855.90 42° Multipurpose milling 42°</p>  <p>Page 16 ODM.. 0605..</p>	<p>1855.99 42° Multipurpose milling 42°</p>  <p>Page 16 ODM.. 0605..</p>				

Face milling cutters

0440.90 75°

Face milling cutters 75°



REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0440.90.040	3	40	46	40	16	18	9	101471	135.55
0440.90.050	3	50	56	40	22	20	9	101472	144.35
0440.90.063	4	63	69	50	27	22	9	101473	186.35
0440.90.080	5	80	86	50	32	25	9	101474	263.95
0440.90.100	6	100	106	50	40	29	9	101475	309.75
0440.90.125	6	125	131	63	40	30	9	101476	410.15
0440.90.160	7	160	166	63	40	30	9	101477	610.55
0440.90.200	8	200	206	63	60	40	9	101478	892.10

SPARES									
0440.90.040		1006	5004	2066	-	-	-	1058	
0440.90.050		1006	5004	2066	3012	4012		912,10	
0440.90.063		1006	5004	2066	3012	4012		912,12	
0440.90.080		1006	5004	2066	3012	4012		912,17	
0440.90.100		1006	5004	2066	3012	4012		912,20	
0440.90.125		1006	5004	2066	3012	4012		-	
0440.90.160		1006	5004	2066	3012	4012		912,52	
0440.90.200		1006	5004	2066	3012	4012		912,56	

REFERENCE INSERT	l	s	d
SP.. 1203..	12,70	3,18	12,70
Positive 11° clearance - Square inserts.			
SPKN		SPUN	

0440.99 75°

Face milling cutters 75°

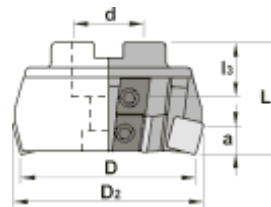
REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0440.99.080	5	80	86	50	27	22	9	101484	626.60
0440.99.100	7	100	106	50	32	25	9	101485	705.38
0440.99.125	8	125	131	63	40	30	9	101486	989.75
0440.99.160	10	160	166	63	40	30	9	101487	1331.70
0440.99.200	12	200	206	63	60	40	9	101488	1690.33
0440.99.250	16	250	256	63	60	40	9	101489	2374.50
0440.99.315	20	315	321	63	60	40	9	101490	3259.95
0440.99.400	26	400	406	63	60	40	9	101491	5423.38
0440.99.500	34	500	506	63	60	40	9	101492	6844.70

SPARES									
0440.99.080		1077	5620	6437	6438	6914	1460	912,12	-
0440.99.100		1077	5620	6437	6438	6914	1460	912,20	-
0440.99.125		1077	5620	6437	6438	6914	1460	-	-
0440.99.160		1077	5620	6437	6438	6914	1460	912,52	40
0440.99.200		1077	5620	6437	6438	6914	1460	912,56	50
0440.99.250		1077	5620	6437	6438	6914	1460	912,56	50
0440.99.315		1077	5620	6437	6438	6914	1460	912,56	50/60
0440.99.400		1077	5620	6437	6438	6914	1460	912,56	50/60
0440.99.500		1077	5620	6437	6438	6914	1460	912,56	50/60

REFERENCE INSERT	l	s	d
SP.. 1203..	12,70	3,18	12,70
Positive 11° clearance - Square inserts.			
SPKN		SPUN	



0450.99 75°

Face milling cutters 75°



REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0450.99.100	7	100	108	50	32	25	12		811,18
0450.99.125	8	125	133	63	40	30	12		1138,15
0450.99.160	10	160	168	63	40	30	12		1531,45
0450.99.200	12	200	208	63	60	40	12		1943,90
0450.99.250	16	250	258	63	60	40	12		2421,98
0450.99.315	20	315	323	63	60	40	12		3325,15
0450.99.400	26	400	408	63	60	40	12		5531,68
0450.99.500	34	500	508	63	60	40	12		7646,50

SPARES								
0450.99.100	1077	5620	6439	6440	6915	1460	912,17	-
0450.99.125	1077	5620	6439	6440	6915	1460	-	-
0450.99.160	1077	5620	6439	6440	6915	1460	912,52	40
0450.99.200	1077	5620	6439	6440	6915	1460	912,56	50
0450.99.250	1077	5620	6439	6440	6915	1460	912,56	50
0450.99.315	1077	5620	6439	6440	6915	1460	912,56	50/60
0450.99.400	1077	5620	6439	6440	6915	1460	912,56	50/60
0450.99.500	1077	5620	6439	6440	6915	1460	912,56	50/60



REFERENCE INSERT	l	s	d
SP.. 1203..	12,70	3,18	12,70
Positive 11° clearance - Square inserts.			
			

0442.90 75°

Face milling cutters 75°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0442.90.050	3	50	56	40	22	20	9	101525	210.13
0442.90.063	4	63	69	50	27	22	9	101526	243.45
0442.90.080	5	80	86	50	32	25	9	101527	307.50
0442.90.100	6	100	106	50	40	29	9	101528	451.00

SPARES							
0442.90.050	1006	5004	2066	3212	4012	912,10	
0442.90.063	1006	5004	2066	3212	4012	912,12	
0442.90.080	1006	5004	2066	3212	4012	912,17	
0442.90.100	1006	5004	2066	3212	4012	912,20	

REFERENCE INSERT	l	s	d
SN.. 1204..	12,70	4,76	12,70
Negative square inserts.			
			

0442.99 75°

Face milling cutters 75°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0442.99.080	5	80	86	50	27	22	9	101534	720.63
0442.99.100	7	100	106	50	32	25	9	101535	811.18
0442.99.125	8	125	131	63	40	30	9	101536	1138.15
0442.99.160	10	160	166	63	40	30	9	101537	1531.45
0442.99.200	12	200	206	63	60	40	9	101838	1943.90
0442.99.250	16	250	256	63	60	40	9	101539	2421.97
0442.99.315	20	315	321	63	60	40	9	101540	3325.15
0442.99.400	26	400	406	63	60	40	9	101541	5531.68
0442.99.500	34	500	506	63	60	40	9	101542	7646.50

SPARES								
0442.99.080	1077	5620	6432	6438	6912	912,12	-	-
0442.99.100	1077	5620	6432	6438	6912	912,17	-	-
0442.99.125	1077	5620	6432	6438	6912	-	-	-
0442.99.160	1077	5620	6432	6438	6912	912,52	40	
0442.99.200	1077	5620	6432	6438	6912	912,56	50	
0442.99.250	1077	5620	6432	6438	6912	912,56	50	
0442.99.315	1077	5620	6432	6438	6912	912,56	50/60	
0442.99.400	1077	5620	6432	6438	6912	912,56	50/60	
0442.99.500	1077	5620	6432	6438	6912	912,56	50/60	

REFERENCE INSERT	l	s	d
SN.. 1204..	12,70	4,76	12,70
Negative square inserts.			
SKNN	SNUN		

0630.00

Chamfering cutters 45°

REFERENCE	z	D	D2	L	L2	d	a	Code	Euro
0630.00.005	1	6,5	26,5	110	35	20	8	101794	111.78
0630.00.020	3	20,0	40,0	125	35	25	8	101795	173.05

SPARES			
0630.00..	1006	2064	5004

REFERENCE INSERT	l	s	d
TPUN 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular insert.			
TPUN			

0630.07

Chamfering cutters 45°

REFERENCE	z	D	D2	L	L2	d	a	Code	Euro
0630.07.005	1	6,5	26,5	110	35	25	8	101799	119.50
0630.07.020	3	20,0	40,0	110	35	25	8	101800	180.97

REFERENCE INSERT	l	s	d
TPUN 1603..	16,50	3,18	9,52
Positive 11° clearance - Triangular insert. TPUN			

0630.30

Chamfering cutters 45°

REFERENCE	z	D	D2	L	L2	a	K	Code	Euro
0630.30.005	1	6,5	26,5	125	38	8	MK3	101804	133.82
0630.30.020	3	20,0	40,0	125	38	8	MK3	101805	207.55

REFERENCE INSERT	l	s	d
TPUN 1603..	16,50	3,18	9,52
Positive 11° clearance - Triangular insert. TPUN			

0630.90 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0630.90.032	3	32	54	50	22	20	8	101809	206.80
0630.90.040	3	40	62	50	27	22	8		214,30
0630.90.050	4	50	72	50	27	22	8	101811	241.65
0630.90.063	4	63	85	50	32	25	8		254,53
0630.90.080	5	80	102	50	40	29	8		286,90

REFERENCE INSERT	l	s	d
TPUN 1603..	16,50	3,18	9,52
Positive 11° clearance - Triangular insert. TPUN			

0640.90 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0640.90.032	3	32	62	50	22	20	11	101819	206.80
0640.90.040	3	40	70	50	27	22	11		214.30
0640.90.050	4	50	80	50	27	22	11	101821	241.65
0640.90.063	4	63	93	50	32	25	11		254.53
0640.90.080	5	80	110	50	40	29	11		286.90

SPARES							
0640.90.032		1008	2088	3022	4022	5005	912,10
0640.90.040		1008	2088	3022	4022	5005	912,12
0640.90.050		1008	2088	3022	4022	5005	912,12
0640.90.063		1008	2088	3022	4022	5005	912,16
0640.90.080		1008	2088	3022	4022	5005	912,20

REFERENCE INSERT	l	s	d
TPUN 2204..	22,00	4,76	12,70
Positive 11° clearance - Triangular insert. TPUN			

0740.00

Chamfering milling cutters 45°

REFERENCE	z	D	D2	L	L2	d	a	Code	Euro
0740.00.005	1	6,5	22	110	35	20	7		111.78
0740.00.020	2	20,0	37	125	35	25	7	101841	173.05

SPARES		
0740.00..	1550	5520

REFERENCE INSERT	l	s	d
SPM.. 1204..	12,70	4,76	12,70
Positive 11° clearance - Square inserts SPMT SPMW			

0740.07

Chamfering milling cutters 45°

REFERENCE	z	D	D2	L	L2	d	a	Code	Euro
0740.07.005	1	6,5	22	110	35	25	7	101845	119.50
0740.07.020	2	20,0	37	110	35	25	7	101846	180.97

SPARES		
0740.07..	1550	5520

REFERENCE INSERT	l	s	d
SPM.. 1204..	12,70	4,76	12,70
Positive 11° clearance - Square inserts SPMT SPMW			

0740.30

Chamfering milling cutters 45°

REFERENCE	z	D	D2	L	L2	a	K	Code	Euro
0740.30.005	1	6,5	22	125	39	7	MK3	101850	133,82
0740.30.020	2	20,0	37	125	39	7	MK3	101851	207,55

SPARES		
0740.30..	1550	5520

REFERENCE INSERT	l	s	d
SPM.. 1204..	12,70	4,76	12,70

Positive 11° clearance - Square inserts			
SPMT		SPMW	

0744.90 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0744.90.040	4	40	57	40	16	18	7	101855	156,30
0744.90.050	4	50	67	40	22	20	7	101856	166,55
0744.90.063	5	63	80	50	27	22	7	101857	215,25
0744.90.080	6	80	97	50	32	25	7	101858	307,50
0744.90.100	7	100	117	50	40	29	7	101859	361,30
0744.90.125	8	125	142	63	40	30	7	101860	597,05
0744.90.160	9	160	177	63	40	30	7		999,38
0744.90.200	11	200	217	63	60	40	7		1153,13

SPARES				
0744.90.040		1250	5620	1058
0744.90.050		1250	5620	912,10
0744.90.063		1250	5620	912,12
0744.90.080		1250	5620	912,16
0744.90.100		1250	5620	912,20
0744.90.125		1250	5620	-
0744.90.160		1250	5620	912,52
0744.90.200		1250	5620	912,56

REFERENCE INSERT	l	s	d
SC.. 1204..	12,70	4,76	12,70

Positive 7° clearance - Square inserts			
SCGT-AL		SCMT-39	SCMW

0748.90 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0748.90.050	4	50	63	40	22	20	6	101868	154.50
0748.90.063	5	63	76	50	22	20	6	101869	199.43
0748.90.080	6	80	93	50	27	22	6	101870	277.08
0748.90.100	6	100	113	50	32	25	6	101871	325.23
0748.90.125	7	125	138	63	40	30	6	101872	413.83
0748.90.160	8	160	173	63	40	30	6	101873	523.38
0748.90.200	10	200	213	63	60	30	6	101874	669.30

SPARES								
0748.90.050		1006L	5004	2063	3010	4012	912,10	-
0748.90.063		1006L	5004	2063	3010	4012	912,10	-
0748.90.080		1006L	5004	2063	3010	4012	912,12	-
0748.90.100		1006L	5004	2063	3010	4012	912,17	-
0748.90.125		1006L	5004	2063	3010	4012	-	-
0748.90.160		1006L	5004	2063	3010	4012	912,52	40
0748.90.200		1006L	5004	2063	3010	4012	912,56	50

REFERENCE INSERT	l		s		d	
SEK.. 1203..	12,70		3,18		12,70	
Positive 7 ° clearance - Square inserts						
	SEKN	SEKR				

0748.99 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0748.99.080	6	80	92	50	27	22	6	101891	665.15
0748.99.100	8	100	112	50	32	25	6	101892	846.40
0748.99.125	8	125	137	63	40	30	6	101893	1025.25
0748.99.160	10	160	172	63	40	30	6	101894	1420.70
0748.99.200	12	200	212	63	60	40	6	101895	1844.05
0748.99.250	16	250	262	63	60	40	6	101896	2297.47

SPARES								
0748.99.080		1077	5620	6488	6489	6918	912,12	-
0748.99.100		1077	5620	6488	6489	6918	912,17	-
0748.99.125		1077	5620	6488	6489	6918	-	-
0748.99.160		1077	5620	6488	6489	6918	912,52	40
0748.99.200		1077	5620	6488	6489	6918	912,56	50
0748.99.250		1077	5620	6488	6489	6918	912,56	50

REFERENCE INSERT	l		s		d	
SEK.. 1203..	12,70		3,18		12,70	
Positive 20 ° clearance - Square inserts						
	SEKN	SEKR				

0758.99 45°

Facing and chamfering milling cutters 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
0758.99.080	6	80	98	50	27	22	9		762,50
0758.99.100	8	100	118	50	32	25	9	102701	973,38
0758.99.125	8	125	143	63	40	30	9		1179,05
0758.99.160	10	160	178	63	40	30	9		1633,83
0758.99.200	12	200	218	63	60	40	9	101919	2120,68
0758.99.250	16	250	268	63	60	40	9	101925	2642,10

SPARES									
0758.99.080		1077	5620	6490	6491	6920	1460	912,12	-
0758.99.100		1077	5620	6490	6491	6920	1460	912,17	-
0758.99.125		1077	5620	6490	6491	6920	1460	-	-
0758.99.160		1077	5620	6490	6491	6920	1460	912,52	40
0758.99.200		1077	5620	6490	6491	6920	1460	912,56	50
0758.99.250		1077	5620	6490	6491	6920	1460	912,56	50

REFERENCE INSERT	l	s	d
SEK.. 1504..	15,88	4,76	15,88
Positive 20° clearance - Square inserts			
SEKN		SEKR	

1430.90 75°

Facing milling cutters 75°

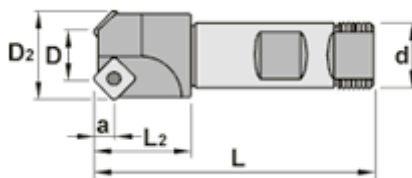
REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
1430.90.050	3	50	54	40	16	22	7		151,25
1430.90.063	4	63	67	50	27	25	7		179,33
1430.90.080	5	80	84	50	32	25	7	102130	232,75
1430.90.100	6	100	104	50	40	29	7		298,40

SPARES			
1430.90.050		1240	5615 1058
1430.90.063		1240	5615 912,12
1430.90.080		1240	5615 912,17
1430.90.100		1240	5615 912,20

REFERENCE INSERT	l	s	d
AP.. 1604..	17,00	4,76	9,52
Positive 11° clearance - Rectangular inserts			
APFT	APHT-AL	APKT	APKT-26 APMT APMT-26

1748.07




Facing and chamfering milling cutter 45°



REFERENCE	z	D	D2	L	L2	d	a	Code	Euro
1748.07.032	2	32	44	125	40	32	6		161,33
1748.07.040	3	40	52	125	40	32	6		193,53

SPARES		
1748.07..	 1550	 5520

REFERENCE INSERT	l	s	d
SEH.. 1204..	12,70	4,76	12,70

Positive 20° clearance - Square inserts		
SEHT	SEHT-AL	SEHW
		

1748.90 45°

Face milling cutter 45°

REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
1748.90.050	4	50	62	40	22	20	6	102175	151,25
1748.90.063	5	63	75	50	22	20	6		186,35
1748.90.080	6	80	92	50	27	22	6		263,95
1748.90.100	6	100	112	50	32	26	6	102176	309,75
1748.90.125	7	125	132	63	40	29	6		394,05
1748.90.160	8	160	172	63	40	29	6		498,38
1748.90.200	10	200	212	63	60	40	6		637,40

SPARES				
1748.90.050		1550	5620	912,10
1748.90.063		1550	5620	912,10
1748.90.080		1550	5620	912,12
1748.90.100		1550	5620	912,17
1748.90.125		1550	5620	-
1748.90.160		1550	5620	912,52
1748.90.200		1550	5620	912,56

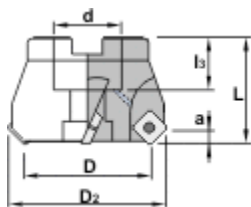
REFERENCE INSERT	l	s	d
SEH.. 1204..	12,70	4,76	12,70

Positive 20° clearance - Square inserts		
SEHT	SEHT-AL	SEHW




1748.93 45°

Face milling cutter 45°

Internal coolant system




REFERENCE	Z	D	D2	L	d	l3	a	Code	Euro
1748.93.050	4	50	62	40	22	20	6		166,35
1748.93.063	5	63	75	50	22	20	6		204,95
1748.93.080	6	80	92	50	27	22	6		290,28
1748.93.100	6	100	112	50	32	26	6		340,73
1748.93.125	7	125	132	63	40	29	6		433,53

SPARES			
1748.93.050	1550	5620	912,10
1748.93.063	1550	5620	912,10
1748.93.080	1550	5620	912,12
1748.93.100	1550	5620	912,17
1748.93.125	1550	5620	-


REFERENCE INSERT	I	s	d
SEH.. 1204..	12,70	4,76	12,70

Positive 20° clearance - Square inserts


SEHT



SEHT-AL

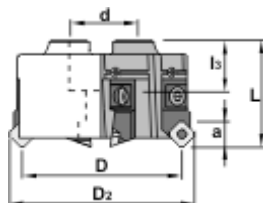


SEHW



1748.99 45°

Face milling cutter 45°




REFERENCE	Z	D	L	d	l3	a	Kg	Code	Euro
1748.99.160	10	160	63	40	30	6	5,450		1397,75
1748.99.200	12	200	63	60	40	6	9,000		1774,20
1748.99.250	16	250	63	60	40	6	14,250		2736,83
1748.99.315	20	315	63	60	40	6	31,000		3901,95
1748.99.400	22	400	63	60	40	6	47,500		4865,95
1748.99.500	28	500	63	60	40	6	85,000		6726,33

SPARES						
1748.99.160	1550	5620	6748	1788	1460	40
1748.99.200	1550	5620	6748	1788	1460	50
1748.99.250	1550	5620	6748	1788	1460	50
1748.99.315	1550	5620	6748	1788	1460	50/60
1748.99.400	1550	5620	6748	1788	1460	50/60
1748.99.500	1550	5620	6748	1788	1460	50/60


REFERENCE INSERT	I	s	d
SEH.. 1204..	12,70	4,76	12,70

Positive 20° clearance - Square inserts


SEHT



SEHT-AL

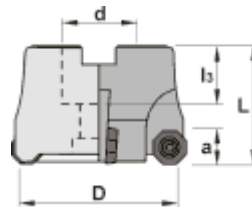


SEHW







1845.90 42°

Face milling cutter 42°





REFERENCE	Z	D	L	d	l3	a	Code	Euro
1845.90.040	4	40	40	16	20	5		148,55
1845.90.050	4	50	40	22	22	5		151,25
1845.90.063	5	63	50	27	25	5		179,33
1845.90.080	6	80	50	32	26	5		232,75
1845.90.100	7	100	50	40	29	5		298,40
1845.90.125	7	125	63	40	29	5		394,05
1845.90.160	8	160	63	40	29	5		498,38
1845.90.200	10	200	63	60	40	5		637,40

SPARES				
1845.90.040	1240	5615	1058	-
1845.90.050	1240	5615	912,10	-
1845.90.063	1240	5615	912,12	-
1845.90.080	1240	5615	912,16	-
1845.90.100	1240	5615	912,20	-
1845.90.125	1240	5615	-	-
1845.90.160	1240	5615	912,52	40
1845.90.200	1240	5615	912,56	50

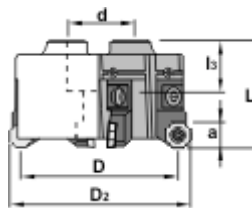
REFERENCE INSERT	l	s	d
ODM.. 0404..	4,00	4,76	12,70

Positive 15° clearance - Octogonal inserts



ODMT  ODMW 

1845.99 42°

Face milling cutter 42°





REFERENCE	Z	D	L	d	l3	a	Kg	Code	Euro
1845.99.160	10	160	63	40	30	5	5,450		1397,75
1845.99.200	12	200	63	60	40	5	9,000		1774,20
1845.99.250	16	250	63	60	40	5	14,250		2736,83
1845.99.315	20	315	63	60	40	5	31,000		3901,95
1845.99.400	22	400	63	60	40	5	47,500		4865,95
1845.99.500	28	500	63	60	40	5	85,000		6726,33

SPARES						
1845.99.160	1240	5615	6845	1788	1460	40
1845.99.200	1240	5615	6845	1788	1460	50
1845.99.250	1240	5615	6845	1788	1460	50
1845.99.315	1240	5615	6845	1788	1460	50/60
1845.99.400	1240	5615	6845	1788	1460	50/60
1845.99.500	1240	5615	6845	1788	1460	50/60

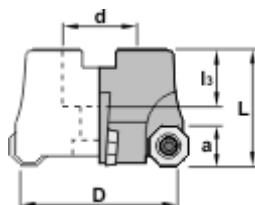
REFERENCE INSERT	l	s	d
ODM.. 0404..	4,00	4,76	12,70

Positive 15° clearance - Octogonal inserts


ODMT  ODMW 

1855.90 42°

Face milling cutter 42°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
1855.90.063	5	63	50	27	25	8		168,55
1855.90.080	6	80	50	32	26	8		232,75
1855.90.100	7	100	50	40	29	8		298,40
1855.90.125	8	125	63	40	29	8		512,33
1855.90.160	10	160	63	40	29	8		647,93
1855.90.200	12	200	63	60	40	8		828,65

SPARES				
1855.90.063	1250	5620	912,12	-
1855.90.080	1250	5620	912,16	-
1855.90.100	1250	5620	912,20	-
1855.90.125	1250	5620	-	-
1855.90.160	1250	5620	912,52	40
1855.90.200	1250	5620	912,56	50

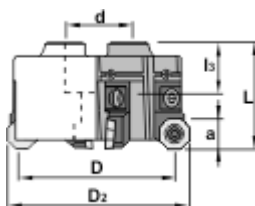
REFERENCE INSERT	l	s	d
ODM.. 0605..	6,00	5,55	16,00

Positive 15° clearance - Octogonal inserts



1855.99 42°

Face milling cutter 42°



REFERENCE	Z	D	L	d	l3	a	Kg	Code	Euro
1855.99.160	10	160	63	40	30	8	5,000		1397,75
1855.99.200	12	200	63	60	40	8	7,300		1774,20
1855.99.250	16	250	63	60	40	8	12,050		2736,83
1855.99.315	20	315	63	60	40	8	31,000		3901,95
1855.99.400	22	400	63	60	40	8	47,500		4865,95
1855.99.500	28	500	63	60	40	8	85,000		6726,33

SPARES						
1855.99.160	1250	5620	6846	1788	1460	40
1855.99.200	1250	5620	6846	1788	1460	50
1855.99.250	1250	5620	6846	1788	1460	50
1855.99.315	1250	5620	6846	1788	1460	50/60
1855.99.400	1250	5620	6846	1788	1460	50/60
1855.99.500	1250	5620	6846	1788	1460	50/60



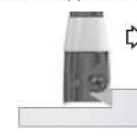


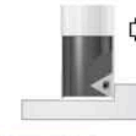

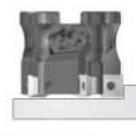



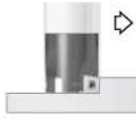
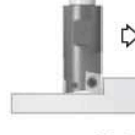
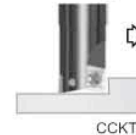
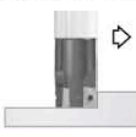
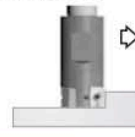
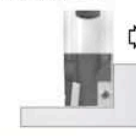
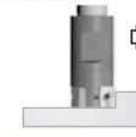
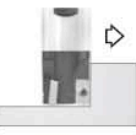
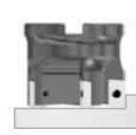

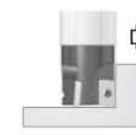
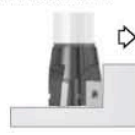


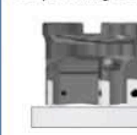
REFERENCE INSERT	l	s	d
ODM.. 0605..	6,00	5,55	16,00

Positive 15° clearance - Octogonal inserts



Fraises à surfer dresser

Facing square shoulder cutters

<p>01$\frac{2}{3}$0.00 General applications 90°</p>  <p>Page 18 TP.. 1102.. TP.. 1103..</p>	<p>0130.⁰¹ General applications 90°</p>  <p>Page 19 TP.. 1603..</p>	<p>0130.07 General applications 90°</p>  <p>Page 19 TP.. 1603..</p>	<p>0130.30 General applications 90°</p>  <p>Page 20 TP.. 1603..</p>	<p>0130.80 General applications 90°</p>  <p>Page 20 TP.. 1603..</p>	<p>0130.90 90° General application 90°</p>  <p>Page 21 TP.. 1603..</p>
<p>0130.99 90° General application 90°</p>  <p>Page 21 TP.. 1603..</p>	<p>0140.90 90° Deep cutting 90°</p>  <p>Page 23 TP.. 2204..</p>	<p>0140.99 90° Deep cutting 90°</p>  <p>Page 24 TP.. 2204..</p>	<p>0134.00 General applications 90°</p>  <p>Page 22 TC.. 16T3..</p>	<p>0134.30 General applications 90°</p>  <p>Page 22 TC.. 16T3..</p>	<p>0134.90 90° General application 90°</p>  <p>Page 23 TC.. 16T3..</p>
<p>0240.90 90° Square and facing 90°</p>  <p>Page 24 SPM.. 1204..</p>	<p>0245.90 90° Square and facing 90°</p>  <p>Page 25 SDMT 12T3..</p>	<p>0245.99 90° Square and facing 90°</p>  <p>Page 25 SDMT 12T3..</p>	<p>03$\frac{3}{4}$4.0$\frac{0}{1}$ General applications 90°</p>  <p>Page 26 CC.. 0602.. CC.. 09T3..</p>	<p>03$\frac{3}{4}$4.06 General applications 90°</p>  <p>Page 27 CC.. 0602.. CC.. 0803.. CC.. 09T3..</p>	<p>0334.90 General applications 90°</p>  <p>Page 27 CC.. 09T3..</p>
<p>3334.01 General applications 90°</p>  <p>Page 38 CC.. 0602.. CC.. 09T3..</p>	<p>3334.06 General applications 90°</p>  <p>Page 38 CC.. 0602.. CC.. 09T3..</p>	<p>3334.90 General applications 95°</p>  <p>Page 39 CC.. 09T3..</p>	<p>3314.0$\frac{0}{1}$ Multi-function centre-cutting end mill</p>  <p>Page 39 CCKT0602.. CCKT1204..</p>	<p>3314.06 Multi-function centre-cutting end mill</p>  <p>Page 40 CCKT0602.. CCKT1204..</p>	<p>1220.0$\frac{0}{2}$ First choice 90°</p>  <p>Page 28 APKT 1003..</p>
<p>1220.03 First choice 90°</p>  <p>Page 29 APKT 1003..</p>	<p>1220.06 First choice 90°</p>  <p>Page 29 AP.. 1003..</p>	<p>1220.07 First choice 90°</p>  <p>Page 30 AP.. 1003..</p>	<p>1220.90 90° First choice 90°</p>  <p>Page 30 AP.. 1003..</p>	<p>1230.02 First choice 90°</p>  <p>Page 31 APKT 1604..</p>	<p>1230.06 First choice 90°</p>  <p>Page 31 AP.. 1604..</p>
<p>1230.07 First choice 90°</p>  <p>Page 32 AP.. 1604..</p>	<p>22$\frac{2}{3}$0.07 Slot and side milling 90°</p>  <p>Page 37 APKT 1003.. APKT 1604..</p>	<p>1230.90 90° First choice 90°</p>  <p>Page 32 AP.. 1604..</p>	<p>1230.93 90° First choice 90°</p>  <p>Page 33 AP.. 1604..</p>	<p>1230.99 90° First choice 90°</p>  <p>Page 33 AP.. 1604..</p>	<p>1235.00 Soft materials 90°</p>  <p>Page 34 AD.. 1503..</p>
<p>1235.07 Soft materials 90°</p>  <p>Page 34 AD.. 1503..</p>	<p>1235.30 Soft materials 90°</p>  <p>Page 35 AD.. 1503..</p>	<p>2255.⁰⁷₂₇ Milling and boring 90°</p>  <p>Page 37 AD.. 1503..</p>	<p>1235.90 90° Soft materials 90°</p>  <p>Page 35 AD.. 1503..</p>	<p>1240.90 90° Deep cutting 90°</p>  <p>Page 36 AP.. 2004..</p>	<p>1240.99 90° Deep cutting 90°</p>  <p>Page 36 AP.. 2004..</p>

Square shoulder cutters

0120.00

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L1	d	a	Code	Euro
0120.00.012	1	12	100	30	16	9	101020	82.30
0120.00.014	1	14	100	30	16	9	101021	82.30
0120.00.016	1	16	110	35	20	9	101022	82.30
0120.00.018	1	18	110	35	20	9	101023	82.30
0120.00.020	2	20	110	35	20	9	101024	95.13
0120.00.022	2	22	110	35	20	9	101025	95.13
0120.00.025	2	25	110	35	25	9	101026	108.43
0120.00.032	3	32	125	35	32	9	101027	114.53
0120.00.040	4	40	125	35	32	9	101028	182.38

SPARES				
0120.00.012 .. 014		1004	5002	2009
0120.00.016 .. 018		1005	5025	2010
0120.00.020 .. 040		1005	5025	2010

REFERENCE INSERT	l	s	d
TP.. 1102..	11,00	2,38	6,35
TP.. 1103..	11,00	3,18	6,35

Positive 11° clearance - Triangular inserts.

TPKN TPUN TPUX-R

0130.00

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
0130.00.016	1	16	110	35	20	13	101095	82.30
0130.00.018	1	18	110	35	20	13	101096	82.30
0130.00.020	1	20	110	35	20	13	101097	95.13
0130.00.022	1	22	110	35	20	13	101098	95.13
0130.00.025	2	25	110	35	25	13	101099	95.13
0130.00.032	2	32	125	35	32	13	101100	114.53
0130.00.040	3	40	125	35	32	13	101101	127.35
0130.00.050	4	50	125	35	32	13	101102	182.38

SPARES				
0130.00.016		1005	5025	2054
0130.00.018 .. 050		1016	5004	2064

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.

TPKN TPKR TPUN TPUX-R

0130.01..02

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
0130.01.016	1	16	150	35	20	13	101108	118.58
0130.01.020	1	20	150	35	20	13	101109	118.58
0130.01.025	2	25	150	35	25	13	101110	137.13
0130.01.032	2	32	175	35	32	13	101111	147.32
0130.01.040	3	40	175	35	32	13	101112	176.10
0130.01.050	4	50	175	35	32	13	101113	189.97
0130.02.020	1	20	200	35	20	13	101115	133.10
0130.02.025	2	25	200	35	25	13	101116	152.27
0130.02.032	2	32	250	35	32	13	101117	159.13

SPARES				
0130.01.016		1005	5025	2054
0130.01.020..050		1016	5004	2064
0130.02..		1016	5004	2064

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52
Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R

0130.07

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
0130.07.016	1	16	100	30	20	13	101119	89.43
0130.07.020	1	20	100	30	20	13	101120	102.40
0130.07.025	2	25	100	30	25	13	101121	116.08
0130.07.032	2	32	100	30	32	13	101122	122.90
0130.07.040	3	40	100	30	32	13	101123	133.10
0130.07.050	4	50	100	30	32	13	101124	189.97

SPARES				
0130.07.016		1005	5025	2054
0130.07.020 .. 050		1016	5004	2064

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52
Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R

0130.30

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	a	K	Code	Euro
0130.30.020	1	20	125	38	13	MK3	101157	113.55
0130.30.025	2	25	125	38	13	MK3	101158	131.25
0130.30.032	2	32	125	38	13	MK3	101159	139.82
0130.30.040	3	40	125	38	13	MK3	101160	168.50
0130.30.050	4	50	125	38	13	MK3	101161	191.20

SPARES			
0130.30..	1016	5004	2064

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R

0130.80

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	a	a	K	Code	Euro
0130.80.025	2	25	145	39	13	13	R8	101189	156.68
0130.80.032	2	32	145	39	13	13	R8	101190	164.40
0130.80.040	3	40	145	39	13	13	R8	101191	185.00
0130.80.050	4	50	145	39	13	13	R8	101192	239.25

SPARES			
0130.80..	1016	5004	2064

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R

0130.90 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0130.90.040	3	40	40	16	18	13	101198	129.15
0130.90.050	4	50	40	22	20	13	101199	137.47
0130.90.050.Z=3	3	50	40	22	20	13	101200	125.00
0130.90.063	4	63	50	27	22	13	101201	168.55
0130.90.080	5	80	50	32	25	13	101202	232.75
0130.90.100	6	100	50	40	29	13	101203	298.40
0130.90.125	6	125	63	40	30	13	101204	394.05
0130.90.160	7	160	63	40	30	13	101205	581.45
0130.90.200	8	200	63	60	40	13	101206	849.88

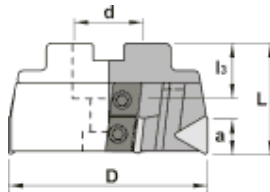
SPARES								
0130.90.040	1006	5004	2064	-	-	1058	-	
0130.90.050	1016	5004	2064	-	-	912,10	-	
0130.90.050.Z=3	1006	5004	2064	-	-	912,10	-	
0130.90.063	1006	5004	2064	3016	4016	912,12	-	
0130.90.080	1006	5004	2064	3016	4016	912,16	-	
0130.90.100	1006	5004	2064	3016	4016	912,20	-	
0130.90.125	1006	5004	2064	3016	4016	-	-	
0130.90.160	1006	5004	2064	3016	4016	912,52	40	
0130.90.200	1006	5004	2064	3016	4016	912,56	50	

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R

0130.99 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0130.99.052	5	52	50	16	18	13		383,20
0130.99.063	6	63	50	22	22	13		403,35
0130.99.080	5	80	50	27	22	13		438,45
0130.99.100	7	100	50	32	25	13		497,05
0130.99.125	7	125	63	40	30	13		672,50
0130.99.160	9	160	63	40	30	13		927,73
0130.99.200	11	200	63	60	40	13		1186,65
0130.99.250	15	250	63	60	40	13		1342,50

SPARES								
0130.99.050	1166	5615	6031	6032	6526	1058		-
0130.99.063	1166	5615	6031	6032	6526	912,10		-
0130.99.080	1077	5620	6433	6435	6927	912,12		-
0130.99.100	1077	5620	6433	6435	6927	912,16		-
0130.99.125	1077	5620	6433	6435	6927	-		-
0130.99.160	1077	5620	6433	6435	6927	912,52		40
0130.99.200	1077	5620	6433	6435	6927	912,56		50
0130.99.250	1077	5620	6433	6435	6927	912,56		60

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R
			

0134.00

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L1	d	a	Code	Euro
0134.00.016	1	16	110	35	20	13	101252	82.30
0134.00.020	1	20	110	35	20	13	101253	95.13
0134.00.025	2	25	110	35	25	13	101254	108.43
0134.00.032	2	32	125	35	32	13	101255	114.53
0134.00.040	3	40	125	35	32	13	101256	127.35

SPARES			
0134.00.016..020		1440	5515
0134.00..		1240	5515

REFERENCE INSERT	l	s	d
TC.. 16T3..	16,50	3,97	9,52
Positive 7° clearance - Triangular inserts.			
TCGT-AL	TCMT-39	TCMW	

0134.30

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L1	a	K	Code	Euro
0134.30.025	2	25	125	38	13	MK3	101275	131.25
0134.30.032	2	32	125	38	13	MK3	101276	139.82
0134.30.040	3	40	125	38	13	MK3	101277	168.50

SPARES			
0134.30..		1240	5515

REFERENCE INSERT	l	s	d
TC.. 16T3..	16,50	3,97	9,52
Positive 7° clearance - Triangular inserts.			
TCGT-AL	TCMT-39	TCMW	

0134.90 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0134.90.040	3	40	40	16	18	13	101285	158.10
0134.90.050	4	50	40	22	20	13	101286	160.45
0134.90.063	5	63	50	27	22	13	101287	196.72
0134.90.080	6	80	50	32	25	13	101288	271.55
0134.90.100	7	100	50	40	29	13	101289	348.20
0134.90.125	9	125	63	40	30	13	101290	478.50
0134.90.160	10	160	63	40	30	13	101291	607.85

SPARES								
0134.90.040		1240		5615		1058		-
0134.90.050		1240		5615		912,10		-
0134.90.063		1240		5615		912,12		-
0134.90.080		1240		5615		912,16		-
0134.90.100		1240		5615		912,20		-
0134.90.125		1240		5615		-		-
0134.90.160		1240		5615		912,52		40

REFERENCE INSERT	l		s		d	
TC.. 16T3..	16,50		3,97		9,52	
Positive 7° clearance - Triangular inserts.						
TCGT-AL	TCMT-39	TCMW				

0140.90 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0140.90.063	3	63	50	27	22	18	101319	196.72
0140.90.080	4	80	50	32	25	18	101320	243.45
0140.90.100	5	100	50	40	29	18	101321	348.20
0140.90.125	6	125	63	40	30	18	101322	459.77
0140.90.160	7	160	63	40	30	18	101323	581.45
0140.90.200	8	200	63	60	40	18	101324	849.88

SPARES								
0140.90.063		1008		5005		2088	3022	4016
0140.90.080		1008		5005		2088	3022	4016
0140.90.100		1008		5005		2088	3022	4016
0140.90.125		1008		5005		2088	3022	4016
0140.90.160		1008		5005		2088	3022	4016
0140.90.200		1008		5005		2088	3022	4016

REFERENCE INSERT	l		s		d	
TP.. 2204..	22,00		4,76		12,70	
Positive 11° clearance - Triangular inserts.						
TPKN	TPUN	TPUX-R				

0140.99 90°

Slot and square shoulder cutters 90°

REFERENCE	Z	D	L	d	l3	a	Code	Euro
0140.99.080	5	80	50	27	22	18	101329	438.45
0140.99.100	7	100	50	32	25	18	101330	497.05
0140.99.125	7	125	63	40	30	18	101331	672.50
0140.99.160	9	160	63	40	30	18	101332	927.72
0140.99.200	11	200	63	60	40	18	101333	1186.65
0140.99.250	15	250	63	60	40	18	101334	1342.50

SPARES								
0140.99.080		1077	5620	6434	6436	6942	912,12	-
0140.99.100		1077	5620	6434	6436	6942	912,16	-
0140.99.125		1077	5620	6434	6436	6942	-	-
0140.99.160		1077	5620	6434	6436	6942	912,52	40
0140.99.200		1077	5620	6434	6436	6942	912,56	50
0140.99.250		1077	5620	6434	6436	6942	912,56	60

REFERENCE INSERT	l			s			d	
TP.. 2204..	22,00			4,76			12,70	
Positive 11° clearance - Triangular inserts.								
TPKN	TPUN	TPUX-R						

0240.90 90°

Slot and square shoulder cutters 90°



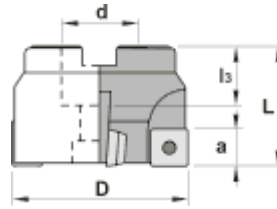
REFERENCE	Z	D	L	d	l3	a	Code	Euro
0240.90.040	3	40	40	16	18	11		129,15
0240.90.050	4	50	40	22	20	11		137,48
0240.90.063	5	63	50	27	22	11		168,55
0240.90.080	6	80	50	32	25	11		232,75
0240.90.100	8	100	50	40	29	11	101400	298,40
0240.90.125	8	125	63	40	30	11		459,78
0240.90.160	10	160	63	40	30	11		581,45
0240.90.200	12	200	63	60	40	11		743,68
0240.90.250	16	250	63	60	40	11		918,43

SPARES								
0240.90.040		1550	5620	5620	1058			-
0240.90.050		1550	5620	5620	912,10			-
0240.90.063		1550	5620	5620	912,12			-
0240.90.080		1550	5620	5620	912,12			-
0240.90.100		1550	5620	5620	912,16			-
0240.90.125		1550	5620	5620	-			-
0240.90.160		1550	5620	5620	912,52			40
0240.90.200		1550	5620	5620	912,56			40
0240.90.250		1550	5620	5620	912,56			50

REFERENCE INSERT	l			s			d	
SPM.. 1204..	12,70			4,76			12,70	
Positive 11° clearance - Square inserts.								
SPMT	SPMW							

0245.90 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0245.90.040	3	40	40	16	18	11		155,00
0245.90.050	4	50	40	22	20	11		178,23
0245.90.063	5	63	50	27	22	11		202,25
0245.90.080	6	80	50	32	25	11		279,38
0245.90.100	7	100	50	40	29	11		358,13
0245.90.125	8	125	63	40	30	11		551,70
0245.90.160	12	160	63	40	30	11		697,80
0245.90.200	12	200	63	60	40	11		892,33
0245.90.250	16	250	63	60	40	11		1102,13

SPARES							DIN 2079
0245.90.040	1335	5615	-	-	1058	-	-
0245.90.050	1335	5615	3511	1750	912,10	-	-
0245.90.063	1335	5615	3511	1750	912,12	-	-
0245.90.080	1335	5615	3511	1750	912,12	-	-
0245.90.100	1335	5615	3511	1750	912,16	-	-
0245.90.125	1335	5615	3511	1750	-	-	-
0245.90.160	1335	5615	3511	1750	912,52	40	40
0245.90.200	1335	5615	3511	1750	912,56	40	40
0245.90.250	1335	5615	3511	1750	912,56	50	50

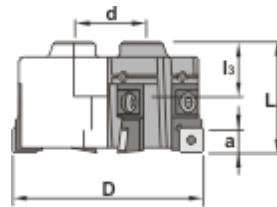
REFERENCE INSERT	l	s	d
SDMT 12T3..	13,29	3,97	13,29

Positive 15° clearance - Square inserts.

SDMT

0245.99 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
0245.99.160	10	160	63	40	30	11		1397,75
0245.99.200	12	200	63	60	40	11		1774,20
0245.99.250	16	250	63	60	40	11		2736,83
0245.99.315	20	315	63	60	40	11		3901,95
0245.99.400	22	400	63	60	40	11		4865,95
0245.99.500	28	500	63	60	40	11		6726,33

SPARES							DIN 2079
0245.99.160	1240	5615	6245	1788	1460	40	40
0245.99.200	1240	5615	6245	1788	1460	50	50
0245.99.250	1240	5615	6245	1788	1460	50	50
0245.99.315	1240	5615	6245	1788	1460	50/60	50/60
0245.99.400	1240	5615	6245	1788	1460	50/60	50/60
0245.99.500	1240	5615	6245	1788	1460	50/60	50/60

REFERENCE INSERT	l	s	d
SDMT 12T3..	13,29	3,97	13,29

Positive 15° clearance - Square inserts.



SDMT

0314.00 / 0334.00

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
0314.00.012	1	12	110	25	16	5		82,30
0314.00.016	2	16	110	30	20	5		82,30
0314.00.020	3	20	110	35	20	5		95,13
0334.00.020	2	20	110	35	20	8		86,38
0334.00.025	2	25	110	35	25	8		108,43
0334.00.032	3	32	125	35	32	8		114,53
0334.00.040	4	40	125	35	32	8		127,35

SPARES		
0314.00..		
0314.00..	1425	5507
0334.00.020 .. 025	1440	5515
0334.00.032 .. 040	1240	5515

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

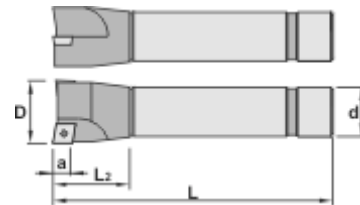


CCMW





0314.02 / 0334.02

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
0314.02.016	2	16	175	30	20	5		115,18
0314.02.020	3	20	200	35	20	5		133,10
0334.02.020	2	20	200	35	20	8		120,93
0334.02.025	2	25	250	35	25	8		151,75
0334.02.032	3	32	250	35	32	8		160,30

SPARES		
0314.02..		
0314.02..	1425	5507
0334.02.020 .. 025	1440	5515
0334.02.032	1240	5515

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

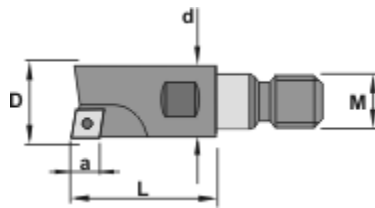


CCMW



0314.06 / 0324.06 / 0334.06

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	M	d	a	Code	Euro
0314.06.015	2	15	23	M8	14	5		84,78
0314.06.016	2	16	23	M8	14	5		84,78
0314.06.020	3	20	30	M10	18	5		97,98
0324.06.020	2	20	30	M10	18	7		89,00
0324.06.025	2	25	35	M12	21	7		111,70
0334.06.032	3	32	43	M16	29	8		117,93
0334.06.045	4	45	43	M16	29	8		129,73

SPARES		
0314.06..	1425	5507
0324.06..	1430	5508
0334.06.032	1440	5515
0334.06.045	1240	5515

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 0803..	8,05	3,18	7,94
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

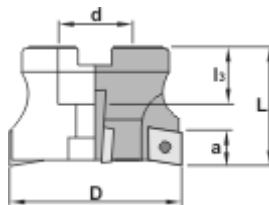


CCMW



0334.90 90°

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	d	l3	a	Code	Euro
0334.90.040	4	40	40	16	18	8		173,33
0334.90.050	5	50	40	22	20	8		205,90
0334.90.052	5	52	40	22	20	8		205,90
0334.90.063	6	63	50	27	22	8		233,70
0334.90.066	6	66	50	27	22	8		233,70
0334.90.080	7	80	50	27	25	8		303,80

SPARES		
0334.90.040 .. 052	1440	5615
0334.90.063 .. 080	1240	5615

REFERENCE INSERT	l	s	d
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT



CCMW



1220.00

Slot and square shoulder cutters 90°



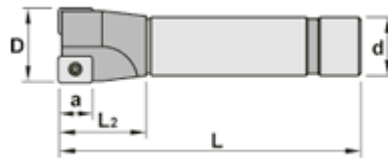
REFERENCE	z	D	L	L1	d	a	Code	Euro
1220.00.012	1	12	110	25	16	9		82.30
1220.00.016	2	16	110	25	20	9	102040	82.30
1220.00.020	3	20	125	30	20	9	102041	95.13
1220.00.025	4	25	125	30	25	9	102042	108.43

SPARES			
1220.00.012 .. 016		1425	5507
1220.00.020 .. 025		1225	5507



REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35
Positive 11° clearance - Rectangular inserts.			
APHT-AL	APKT		



1220.02

Slot and square shoulder cutters 90°



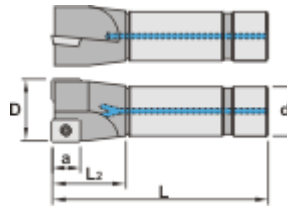
REFERENCE	z	D	L	L1	d	a	Code	Euro
1220.02.016	2	16	175	25	20	9		106.93
1220.02.020	3	20	200	30	20	9		133.23

SPARES			
1220.02.016			
1220.02.020		1425	5507
1220.02.020		1225	5507



REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35
Positive 11° clearance - Rectangular inserts.			
APHT-AL	APKT		
			

1220.03

Slot and square shoulder cutters 90°
Boring bar with **internal coolant**



REFERENCE	z	D	L	L2	d	a	Code	Euro
1220.03.012	1	12	110	25	16	9		98,75
1220.03.016	2	16	110	25	20	9		98,75
1220.03.020	3	20	125	30	20	9		114,13
1220.03.025	4	25	125	30	25	9		128,38

SPARES		
1220.03.012 .. 016		5507
1220.02.020 .. 025		5507


REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.

APHT-AL

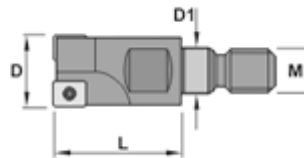


APKT





1220.06

Slot and square shoulder cutters 90°




REFERENCE	z	D	L	M	D1	Code	Euro
1220.06.016	2	16	23	M8	8,5		84,78
1220.06.020	3	20	30	M10	10,5		97,98
1220.06.025	3	25	35	M12	12,5		111,70

SPARES		
1220.06.016		5507
1220.02.020		5507
1220.06.025		5507


REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.

APHT-AL

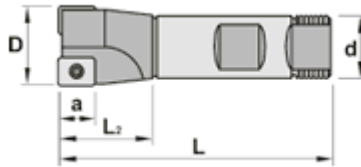


APKT





1220.07

Slot and square shoulder cutters 90°





REFERENCE	z	D	L	L1	d	a	Code	Euro
1220.07.012	1	12	90	25	16	9		89.43
1220.07.016	2	16	90	25	20	9		89.43
1220.07.020	3	20	95	30	20	9		102.40
1220.07.025	4	25	95	30	25	9		116.08

SPARES		
		
1220.07.012 .. 016	1425	5507
1220.07.020 .. 025	1225	5507

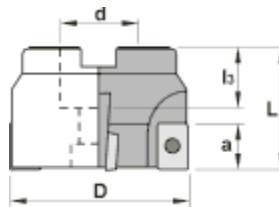
REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.




APHT-AL  APKT 

1220.90

Slot and square shoulder cutters 90°





REFERENCE	z	D	L	L1	d	a	Code	Euro
1220.90.032	5	32	40	16	20	9		167,40
1220.90.040	6	40	40	16	20	9		174,38
1220.90.050	7	50	40	22	22	9		185,68
1220.90.063	9	63	50	22	25	9		230,58

SPARES			
			
1220.90.032 .. 040	1225	5607	1058
1220.07.050 .. 063	1225	5607	912,10

REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.

APHT-AL  APKT 

1230.02

Slot and square shoulder cutters 90°



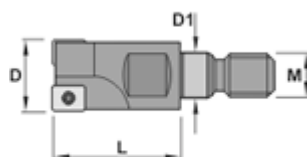
REFERENCE	z	D	L	L1	d	a	Code	Euro
1230.02.020	1	20	200	35	20	14	102100	133,10
1230.02.025	2	25	200	35	25	14		152,28
1230.02.032	3	32	250	35	32	14	102101	159,13
1230.02.040	4	40	250	35	32	14	102102	174,13

SPARES			
1230.02.020 .. 025		1440	5515
1230.02.032 .. 040		1240	5515

REFERENCE INSERT	I	s	d
AP.. 1604...	17,00	4,76	9,52
Positive 11° clearance - Rectangular inserts.			
APFT	APHT-AL	APKT	APKT-26
		APMT	APMT-26

1230.06

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	M	D1	Code	Euro
1230.06.025	2	25	35	M12	12,5		116,08
1230.06.032	3	32	43	M16	17,0		122,90

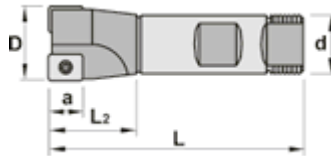
SPARES			
1230.02.025		1440	5515
1230.06.032		1240	5515

REFERENCE INSERT	I	s	d
AP.. 1604...	17,00	4,76	9,52
Positive 11° clearance - Rectangular inserts.			
APFT	APHT-AL	APKT	APKT-26
		APMT	APMT-26



1230.07

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L1	d	a	Code	Euro
1230.07.020	1	20	100	30	20	14		102,40
1230.07.025	2	25	100	30	25	14		116,08
1230.07.032	3	32	110	35	32	14		122,90
1230.07.040	4	40	110	35	32	14		133,10

SPARES		
1230.07.020 / 025		1440
1230.07..		5515
		1240
		5515

REFERENCE INSERT	I	s	d
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.					
APFT	APHT-AL	APKT	APKT-26	APMT	APMT-26
					

1230.90 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	I3	a	Code	Euro
1230.90.040	4	40	40	16	20	14	102104	148,55
1230.90.050	5	50	40	22	22	14	102105	151,25
1230.90.063	6	63	50	27	25	14	102106	179,33
1230.90.080	7	80	50	27	25	14	102107	232,75
1230.90.100	8	100	50	32	26	14	102108	298,40
1230.90.125	8	125	63	40	30	14	102109	410,15
1230.90.160	9	160	63	40	30	14	102110	521,00

SPARES				
1230.90.040		1240	5615	1058
1230.90.050		1240	5615	912,10
1230.90.063		1240	5615	912,12
1230.90.080		1240	5615	912,12
1230.90.100		1240	5615	912,16
1230.90.125		1240	5615	-
1230.90.160		1240	5615	912,52

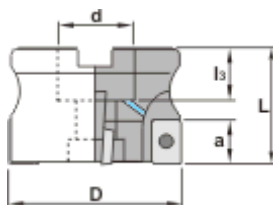
REFERENCE INSERT	I	s	d
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.					
APFT	APHT-AL	APKT	APKT-26	APMT	APMT-26





1230.93 90°

Slot and square shoulder cutters 90°

Internal coolant system



REFERENCE	Z	D	L	d	l3	a	Code	Euro
1230.93.040	4	40	40	16	20	14		163,40
1230.93.050	5	50	40	22	22	14		166,35
1230.93.063	6	63	50	27	25	14		197,20
1230.93.080	7	80	50	27	25	14		256,05
1230.93.100	8	100	50	32	26	14		361,30

SPARES				
1230.90.040	1240	5615	1058	-
1230.90.050	1240	5615	912,10	-
1230.90.063	1240	5615	912,12	-
1230.90.080	1240	5615	912,12	-
1230.90.100	1240	5615	912,16	-

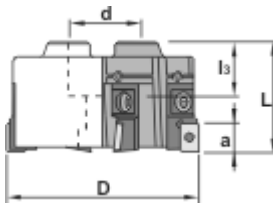
REFERENCE INSERT	l	s	d
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.

APFT	APHT-AL	APKT	APKT-26	APMT	APMT-26
					

1230.99 90°

Slot and square shoulder cutters 90°



REFERENCE	Z	D	L	d	l3	a	Code	Euro
1230.99.160	10	160	63	40	30	14		1397,75
1230.99.200	12	200	63	60	40	14		1774,20
1230.99.250	16	250	63	60	40	14		2736,83
1230.99.315	20	315	63	60	40	14		3901,95
1230.99.400	22	400	63	60	40	14		4865,95
1230.99.500	28	500	63	60	40	14		6726,33

SPARES						
1230.99.160	1240	5615	6230	1788	1460	40
1230.99.200 .. 250	1240	5615	6230	1788	1460	50
1230.99.315 .. 500	1240	5615	6230	1788	1460	50/60

REFERENCE INSERT	l	s	d
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.

APFT	APHT-AL	APKT	APKT-26	APMT	APMT-26
					

1235.00

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
1235.00.016	1	16	110	35	20	13	102064	82,30
1235.00.020	1	20	110	35	20	13	102065	95,13
1235.00.025	2	25	110	35	25	13	102066	108,43
1235.00.032	3	32	125	35	32	13	102067	114,53
1235.00.040	4	40	125	35	32	13		127,35
1235.00.050	4	50	125	35	32	13		181,55

SPARES		
1235.00..	1440	5515
1235.00.050	1240	5515

REFERENCE INSERT	l	s	d
AD.. 1503...	15,00	3,18	9,52
Positive 15° clearance - Rectangular inserts.			
ADMT	ADMW	ADMW-C	

1235.07

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
1235.07.016	1	16	100	30	20	13	102075	89,43
1235.07.020	1	20	100	30	20	13		102,40
1235.07.025	2	25	100	30	25	13		116,08
1235.07.032	3	32	100	30	32	13		122,93
1235.07.040	4	40	100	30	32	13		133,10
1235.07.050	4	50	100	30	32	13		189,98

SPARES		
1235.07..	1440	5515
1235.07.050	1240	5515

REFERENCE INSERT	l	s	d
AD.. 1503...	15,00	3,18	9,52
Positive 15° clearance - Rectangular inserts.			
ADMT	ADMW	ADMW-C	

1235.30

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	K	Code	Euro
1235.30.020	1	20	125	38	13	MK3		113,55
1235.30.025	2	25	125	38	13	MK3	102087	131,25
1235.30.032	3	32	125	38	13	MK3	102088	139,83
1235.30.040	4	40	125	38	13	MK3	102089	168,50
1235.30.050	4	50	125	38	13	MK3		191,20

SPARES		
1235.30..	1440	5515
1235.30.050	1240	5515



REFERENCE INSERT	l	s	d
AD.. 1503...	15,00	3,18	9,52
Positive 15° clearance - Rectangular inserts.			
ADMT	ADMW	ADMW-C	




1235.90

Slot and square shoulder cutters 90°



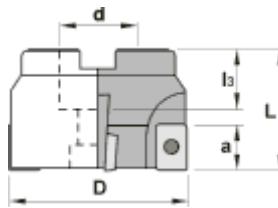
REFERENCE	z	D	L	d	L3	a	Code	Euro
1235.90.040	4	40	40	16	20	13		148,55
1235.90.050	5	50	40	22	20	13		151,25
1235.90.063	6	63	50	27	22	13		179,33
1235.90.080	6	80	50	32	25	13		232,75
1235.90.100	8	100	50	40	29	13		361,30

SPARES		
1235.90.040	 1240	 1058
1235.90.050	1240	912.10
1235.90.063	1240	912.12
1235.90.080	1240	912.16
1235.00.100	1240	912.20




REFERENCE INSERT	l	s	d
AD.. 1503...	15,00	3,18	9,52
Positive 15° clearance - Rectangular inserts.			
ADMT	ADMW	ADMW-C	
			

1240.90 90°

Slot and square shoulder cutters 90°




REFERENCE	Z	D	L	d	l3	a	Code	Euro
1240.90.040	3	40	40	16	20	18		148,55
1240.90.050	4	50	40	22	22	18		151,25
1240.90.063	5	63	50	22	22	18		179,33
1240.90.080	6	80	50	27	25	18		232,75
1240.90.100	6	100	50	32	26	18		298,40
1240.90.125	8	125	63	40	29	18		394,05

SPARES			
1240.90.040	1550	5620	1058
1240.90.050	1550	5620	912,10
1240.90.063	1550	5620	912,10
1240.90.080	1550	5620	912,12
1240.90.100	1550	5620	912,16
1240.90.125	1550	5620	-

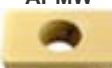
REFERENCE INSERT	l	s	d
AP.. 2004...	20,00	4,76	12,70

Positive 11° clearance - Rectangular inserts.

APMT

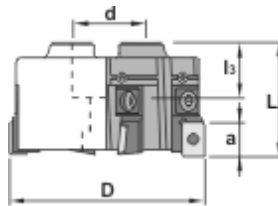


APMW



1240.99 90°

Slot and square shoulder cutters 90°




REFERENCE	Z	D	L	d	l3	a	Code	Euro
1240.99.160	10	160	63	40	30	14		1397,75
1240.99.200	12	200	63	60	40	14		1774,20
1240.99.250	16	250	63	60	40	14		2736,83
1240.99.315	20	315	63	60	40	14		3901,95
1240.99.400	22	400	63	60	40	14		4865,95
1240.99.500	28	500	63	60	40	14		6726,33

SPARES						
1240.99.160	1550	5620	6240	1788	1460	40
1240.99.200 .. 250	1550	5620	6240	1788	1460	50
1240.99.315 .. 500	1550	5620	6240	1788	1460	50/60


REFERENCE INSERT	l	s	d
AP.. 2004...	20,00	4,76	12,70

Positive 11° clearance - Rectangular inserts.

APMT

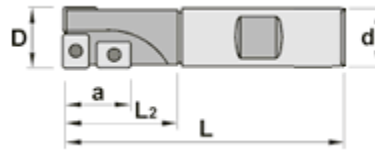


APMW





2220.07 / 2230.07

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
2220.07.020	1+1	20	90	35	20	19		140,75
2220.07.025	1+1	25	110	50	25	19		156,45
2230.07.032	1+1	32	125	50	32	26		169,45
2230.07.040	1+1	40	125	50	32	26		175,98

SPARES		
		
2220.07.020 / 025	1425	5507
2230.07.032 / 040	1440	5515

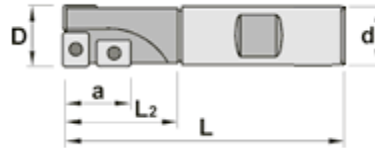
REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.





2255.07 / 2255.27

Slot and square shoulder cutters 90°



REFERENCE	z	D	L	L2	d	a	Code	Euro
2255.07.029	1+1	29	100	40	25	28		156,45
2255.07.032	1+1	32	100	40	32	28		169,45
2255.07.040	1+1	40	100	40	32	28		175,98
2255.27.029	1+1	29	150	40	25	28		156,45
2255.27.032	1+1	32	175	40	32	28		169,45
2255.27.040	1+1	40	175	40	32	28		184,75

SPARES		
		
2255.07..	1440	5515
2255.27..	1440	5515

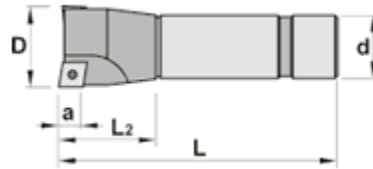
REFERENCE INSERT	l	s	d
AD.. 1503...	15,00	3,18	9,52

Positive 15° clearance - Rectangular inserts.





3334.01

Slot and square shoulder cutters 95°



REFERENCE	z	D	L	L2	d	a	Code	Euro
3334.01.016	2	16	150	30	20	5		113,95
3334.01.020	3	20	175	35	20	5		144,95
3334.01.025	2	25	175	35	25	8		150,08
3334.01.032	3	32	175	35	32	8		159,08

SPARES		
3334.01.016 .. 020		1425
3334.01.025		5507
3334.01.032		1440
		5515
		1240
		5515

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

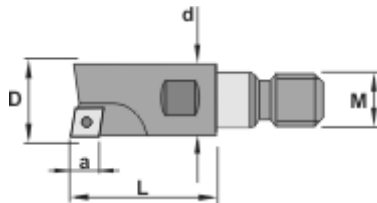


CCMW





3334.06

Slot and square shoulder cutters 95°



REFERENCE	z	D	L	M	d	a	Code	Euro
3334.06.015	2	15	23	M8	14	5		117,35
3334.06.016	2	16	150	M8	14	5		117,35
3334.06.020	3	20	175	M10	18	5		149,33
3334.06.025	2	25	175	M12	21	8		154,55
3334.06.032	3	32	175	M16	29	8		163,80
3334.06.045	4	45	43	M16	20	5		180,23

SPARES		
3334.06.016 .. 020		1425
3334.06.025		5507
3334.06.032		1440
		5515
		1240
		5515

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

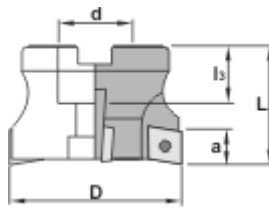


CCMW



3334.90




Slot and square shoulder cutters 95°



REFERENCE	z	D	L	d	l3	a	Code	Euro
3334.90.052	5	52	40	22	20	9		205,90
3334.90.066	6	66	50	27	22	9		233,70
3334.90.080	7	80	50	27	25	9		271,58

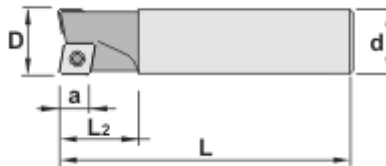
SPARES		
		
3334.90.052	1440	5615
3334.90..	1240	5615

REFERENCE INSERT	l	s	d
CC.. 09T3..	9,65	3,97	9,52


Positive 7° clearance - 80° rhombic inserts.		
CCGT-AL	CCKT	CCMW
		

3314.00 / 3314.01


Multi-function centre-cutting end mills



REFERENCE	z	D	d	L	L2	a	Code	Euro
3314.00.012	1	12	16	100	25	5,0		79,05
3314.00.016	2	16	16	100	25	5,0		79,05
3314.00.020	2	20	20	125	32	7,0		91,38
3314.00.025	2	25	25	125	40	7,6		104,18
3314.01.012	1	12	16	150	25	5,0		113,95
3314.01.016	2	16	16	175	25	5,0		113,95
3314.01.020	2	20	20	175	32	7,0		131,78
3314.01.025	2	25	25	200	40	7,6		150,08

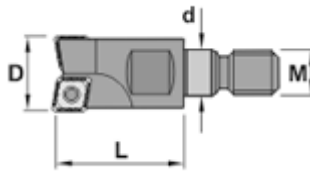
SPARES				
				
3314.00.012	1425	-	5507	-
3314.00.016	1425	1430	5507	5508
3314.00.020	1430	1440	5508	5515
3314.00.025	1440	1550	5515	5520
3314.00.012	1425	-	5507	-
3314.00.016	1425	1430	5507	5508
3314.00.020	1430	1440	5508	5515
3314.00.025	1440	1550	5515	5520

REFERENCE INSERT	l	s	d
CCKT 0602..	6,45	2,38	6,35
CCKT 0803..	8,05	3,18	7,94
CCKT 09T3..	9,65	3,97	9,52
CCKT 1204..	12,90	4,76	12,70





Positive 7° clearance - 80° rhombic inserts.
CCKT


3314.06

Multi-function centre-cutting end mills



REFERENCE	z	D	L	M	a	Code	Euro
3314.06.012	1	12	16	100	5,0		81,45
3314.06.016	2	16	16	100	5,0		81,45
3314.06.020	2	20	20	125	7,0		94,15
3314.06.025	2	25	25	125	7,6		107,35

SPARES				
3314.06.012	1425	-	5507	-
3314.06.016	1425	1430	5507	5508
3314.06.020	1430	1440	5508	5515
3314.06.025	1440	1550	5515	5520











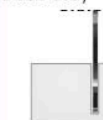
REFERENCE INSERT	l	s	d
CCKT 0602..	6,45	2,38	6,35
CCKT 0803..	8,05	3,18	7,94
CCKT 09T3..	9,65	3,97	9,52
CCKT 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCKT



Slot cutters

<p>1314.07 "T" Slots 90°</p>  <p>CC.. 0602.. ... CC.. 1204..</p> <p>Page 44</p>	<p>1314.30 "T" Slots 90°</p>  <p>CC.. 0602.. ... CC.. 1204..</p> <p>Page 45</p>	<p>0810.95 Slot milling 90°</p>  <p>TP.. 1603.. ... TP.. 2204..</p> <p>Page 42</p>	<p>0910.95 Slot milling 90°</p>  <p>SP.. 0903.. ... SP.. 1203.. ... SP.. 1504..</p> <p>Page 43</p>	<p>0940.96 Side milling 89°</p>  <p>SP.. 1203..</p> <p>Page 44</p>	<p>1520.90 Slot milling</p>  <p>RP.. 0802M0</p> <p>Page 45</p>
<p>1530.90 Slot milling</p>  <p>RP.. 1003M0</p> <p>Page 46</p>	<p>1549.90 Slot milling</p>  <p>RP.. 1204M0</p> <p>Page 46</p>	<p>1942.90 Slot milling 89°</p>  <p>SNHX 1102.. ... SNHX 1207..</p> <p>Page 47</p>	<p>2942.21 Circular miller</p>  <p>FRC.. 2.2 ... FRC.. 4.0</p> <p>Page 48</p>	<p>2942.90 Blade body</p>  <p>FRC.. 1,6 ... FRC.. 6,0</p> <p>Page 49</p>	

Slot cutters index

0830.95 / 0840.95

Slot cutters

REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
0830.95.100.16	6	100	16	27	7	29,8	41	18	28		556,65
0830.95.125.16	8	125	16	32	8	34,8	48	18	39	101944	633,35
0830.95.125.18	8	125	18	32	8	34,8	48	20	39		633,35
0830.95.125.20	8	125	20	32	8	34,8	48	22	39		633,35
0830.95.125.22	8	125	22	32	8	34,8	48	24	39		633,35
0830.95.160.16	10	160	16	40	10	43,5	58	18	49		755,00
0830.95.160.18	10	160	18	40	10	43,5	58	20	49		755,00
0830.95.160.20	10	160	20	40	10	43,5	58	22	49		755,00
0830.95.160.22	10	160	22	40	10	43,5	58	24	49		755,00
0830.95.200.16	12	200	16	50	12	53,8	72	18	60	101952	937,30
0830.95.200.18	12	200	18	50	12	53,8	72	20	60		937,30
0830.95.200.20	12	200	20	50	12	53,8	72	22	60	101954	937,30
0830.95.250.20	16	250	20	50	12	53,8	72	22	86		1254,58
0830.95.315.24	20	315	24	50	12	53,8	84	26	114	101956	1721,93
0840.95.315.32	16	315	32	50	12	53,8	84	34	114		1722,25
0840.95.400.32	20	400	32	50	12	53,8	84	34	150	101963	2494,68

SPARES									
0830.95..16-24	1088	1094	6010	6110	6562	6563	5004	5003	
0830.95..32	1088	1096	6011	6111	6564	6565	5004	5005	

REFERENCE INSERT	l	s	d
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.			
TPKN	TPKR	TPUN	TPUX-R/L
□	□	□	□

0930.95 - 0940.95

0950.95

Slot cutters



REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
0930.95.050.10	6	50	10	16	4	18,0	28	12	10		253,60
0930.95.063.10	6	63	10	22	6	24,5	35	12	12		300,43
0930.95.080.10	8	80	10	22	6	24,5	35	12	20	101971	318,73
0930.95.100.10	10	100	10	27	7	29,8	41	12	28	101972	556,65
0930.95.100.12	10	100	12	27	7	29,8	41	14	28	101973	556,65
0930.95.100.14	10	100	14	27	7	29,8	41	16	28		556,65
0930.95.125.10	12	125	10	32	8	34,8	48	12	39	101975	633,35
0930.95.125.12	12	125	12	32	8	34,8	48	14	39		633,35
0930.95.125.14	12	125	14	32	8	34,8	48	16	39	101977	633,35
0930.95.160.10	14	160	10	40	10	43,5	58	12	49	101978	755,00
0930.95.160.12	14	160	12	40	10	43,5	58	14	49	101979	755,00
0930.95.160.14	14	160	14	40	10	43,5	58	16	49		754,88
0940.95.080.16	6	80	16	22	6	24,5	35	18	20		318,73
0940.95.100.16	8	100	16	27	7	29,8	41	18	28	102002	556,65
0940.95.125.16	10	125	16	32	8	34,8	48	18	39		633,63
0940.95.125.18	10	125	18	32	8	34,8	48	20	39		633,63
0940.95.125.20	10	125	20	32	8	34,8	48	22	39		633,63
0940.95.160.16	12	160	16	40	10	43,5	58	18	49	102006	755,00
0940.95.160.18	12	160	18	40	10	43,5	58	20	49		755,00
0940.95.160.20	12	160	20	40	10	43,5	58	22	49		755,00
0940.95.200.16	16	200	20	50	12	53,8	72	18	60		937,30
0940.95.200.18	16	200	16	50	12	53,8	72	20	60		937,30
0940.95.200.20	16	200	18	50	12	53,8	72	22	60		937,30
0940.95.250.20	20	250	20	50	12	53,8	72	22	86		1254,58
0940.95.250.24	20	250	24	50	12	53,8	72	26	86		1254,58
0940.95.315.24	24	315	24	50	12	53,8	72	26	114		1721,93
0950.95.315.30	20	315	30	50	12	53,8	72	32	114		1722,48
0950.95.400.30	24	400	30	50	12	53,8	72	32	150		2514,65

SPARES								
0930.95.050.10	1156	1194	1504	6036	6037	5615	5509	5002
0930.95.063.10	1156	1194		6036	6037			
0930.95.080.10	1266	1194		6013	6103			
0930.95.100.10	1266	1194						
0930.95.100.12	1266	1294						
0930.95.100.14	1266	1294						
0930.95.125.10	1066	1194						
0930.95.125.12	1066	1294						
0930.95.125.14	1066	1294						
0930.95.160.10	1066	1194						
0930.95.160.12	1066	1294						
0930.95.160.14	1066	1294						
0940.95.080.16	1388	1295	1505	6010	6110	-	5004	5025
0940.95.100.16		1295						
0940.95.125.16		1295						
0940.95.125.18		1195						
0940.95.125.20		1195						
0940.95.160.16		1295						
0940.95.160.18		1195						
0940.95.160.20		1195						
0940.95.200.16	1088	1295						
0940.95.200.18		1195						
0940.95.200.20		1195						
0940.95.250.20		1195						
0940.95.250.24		1195						
0940.95.315.24		1195						
0950.95.315.30		1196	1506	6011	6111			5005
0950.95.400.30		1196						

REFERENCE INSERT	l	s	d
SP.. 0903..	9,52	3,18	9,52
SP.. 1203..	12,70	3,18	12,70
SP.. 1504..	15,88	4,76	15,88

Positive 11° clearance - Square inserts.

SPKN SPKR SPUN

0940.96

Slot cutters

REFERENCE	z	D	d	A	B	D1	E	a	Code	Euro
0940.96.100.L	7	100	27	7	29,8	41	18	28	102021	453,55
0940.96.100.R	7	100	27	7	29,8	41	18	28	102020	453,55
0940.96.125.L	8	125	32	8	34,8	48	22	39		601,58
0940.96.125.R	8	125	32	8	34,8	48	22	39		601,58
0940.96.160.L	10	160	40	10	43,5	58	22	49		686,70
0940.96.160.R	10	160	40	10	43,5	58	22	49		686,70
0940.96.200.L	12	200	50	12	53,8	72	22	60		863,48
0940.96.200.R	12	200	50	12	53,8	72	22	60		863,48
0940.96.250.L	16	250	50	12	53,8	72	22	86		1142,63
0940.96.250.R	16	250	50	12	53,8	72	22	86		1142,63
0940.96.315.L	20	315	50	12	53,8	84	26	114		1501,08
0940.96.315.R	20	315	50	12	53,8	84	26	114		1501,08

SPARES								
0940.96.100.L		1088	1295	1505	-	6110	5004	5025
0940.96.100.R		1088	1295	1505	6010	-	5004	5025
0940.96.125.L		1088	1195	1505	-	6110	5004	5025
0940.96.125.R		1088	1195	1505	6010	-	5004	5025
0940.96.160.L		1088	1195	1505	-	6110	5004	5025
0940.96.160.R		1088	1195	1505	6010	-	5004	5025
0940.96.200.L		1088	1195	1505	-	6110	5004	5025
0940.96.200.R		1088	1195	1505	6010	-	5004	5025
0940.96.250.L		1088	1195	1505	-	6110	5004	5025
0940.96.250.R		1088	1195	1505	6010	-	5004	5025
0940.96.315.L		1088	1195	1505	-	6110	5004	5025
0940.96.315.R		1088	1195	1505	6010	-	5004	5025

REFERENCE INSERT	l	s	d
SP.. 1203..	12,70	3,18	12,70
Positive 11° clearance - Square inserts.			
SPKN	SPKR	SPUN	

1314.07 - 1344.07

Slot cutters



REFERENCE	z	D	L	d	d1	a	b	Code	Euro
1314.07.025.11	2+2	25	85	25	12	11	17	102114	187,27
1324.07.032.14	2+2	32	95	25	15	14	22	102115	192,82
1334.07.040.18	2+2	40	105	25	19	18	27		193,20
1344.07.050.22	2+2	50	120	32	25	22	34		249,00

SPARES							
1314.07.025.11			1225				5507
1324.07.032.14			1230				5508
1334.07.040.18			1240				5515
1344.07.050.22			1250				5520

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 0803..	8,05	3,18	7,94
CC. 09T3..	9,65	3,97	9,52
CCM.. 1204..	12,90	4,76	12,70
Positive 15° clearance - Rectangular inserts.			
CCGT-AL	CCKT	CCMW	

1314.30 - 1324.30

1334.30 - 1344.34

Slot cutters



REFERENCE	z	D	L	K	d1	a	b	Code	Euro
1314.30.025.11	2+2	25	125	MK3	12	11	17		187,28
1324.30.032.14	2+2	32	125	MK3	15	14	22		192,83
1334.30.040.18	2+2	40	134	MK3	19	18	27	102125	193,20
1344.34.050.22	2+2	50	165	MK4	25	22	34		249,00

SPARES		
1314.30.025.11		1225
1324.30.032.14		1230
1334.30.040.18		1240
1344.30.050.22		1250

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 0803..	8,05	3,18	7,94
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 15° clearance - Rectangular inserts.
 CCGT-AL CCKT CCMW

1520.90

Slot cutters

REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
1520.90.050	5	50	8	16	4	18,0	28	10	10		258,63
1520.90.063	6	63	8	22	6	24,5	35	10	12		300,43
1520.90.080	7	80	8	22	6	24,5	35	10	20		318,73
1520.90.100	8	100	8	27	7	29,8	41	10	28	102143	556,65
1520.90.125	9	125	8	32	8	34,8	48	10	39	102144	633,35
1520.90.160	10	160	8	40	10	43,5	58	10	49		755,00
1520.90.200	12	200	8	50	12	53,8	72	10	60		937,30

SPARES		
1520.90..		1230

REFERENCE INSERT	l	s	d
RPMW 0802M0	-	2,38	8,00

Positive 11° clearance - Round inserts.
 RPMW

1530.90

Slot cutters

REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
1530.90.050	5	50	10	16	4	18,0	28	12	10		258,63
1530.90.063	5	63	10	22	6	24,5	35	12	12	102148	300,43
1530.90.080	6	80	10	22	6	24,5	35	12	20	102149	318,73
1530.90.100	7	100	10	27	7	29,8	41	12	28	102150	556,65
1530.90.125	8	125	10	32	8	34,8	48	12	39		633,35
1530.90.160	9	160	10	40	10	43,5	58	12	49	102152	755,00
1530.90.200	10	200	10	50	12	53,8	72	12	60		937,30
1530.90.250	12	250	10	50	12	53,8	72	12	86		1254,63

SPARES		
1530.90..	1240	5615

REFERENCE INSERT	l	s	d
RPMW 1003M0	-	3,18	10,00
Positive 11° clearance - Round inserts. RPMW			

1549.90

Slot cutters

REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
1549.90.080	6	80	12	22	6	24,5	35	14	20		318,73
1549.90.100	7	100	12	27	7	29,8	41	14	28		556,65
1549.90.125	8	125	12	32	8	34,8	48	14	39		633,35
1549.90.160	9	160	12	40	10	43,5	58	14	49		755,00
1549.90.200	10	200	12	50	12	53,8	72	14	60		937,30
1549.90.250	12	250	12	50	12	53,8	72	14	86	102160	1254,63

SPARES		
1549.90..	1240	5615

REFERENCE INSERT	l	s	d
RPMW 1204M0	-	4,76	12,00
Positive 11° clearance - Round inserts. RPMW			

1942.90

Slot cutters

REFERENCE	z	D	b	d	A	B	D1	E	a	Code	Euro
1942.90.100.04	12	100	4	27	7	29,8	41	12	25		508.53
1942.90.125.04	14	125	4	32	8	34,8	48	12	40		578.58
1942.90.100.05	12	100	5	27	7	29,8	41	12	25		508.53
1942.90.125.05	14	125	5	32	8	34,8	48	12	40		578.58
1942.90.160.05	18	160	5	40	10	43,5	58	12	44		689.68
1942.90.100.06	10	100	6	27	7	29,8	41	12	25	102194	508.53
1942.90.125.06	12	125	6	32	8	34,8	48	12	40		578.58
1942.90.160.06	16	160	6	40	10	43,5	58	12	44		689.68
1942.90.200.06	18	200	6	50	12	53,8	72	12	54		916.18
1942.90.250.06	24	250	6	50	12	53,8	72	12	79		1114.95
1942.90.100.08	10	100	8	27	7	29,8	41	12	25		508.53
1942.90.125.08	12	125	8	32	8	34,8	48	12	40		578.58
1942.90.160.08	16	160	8	40	10	43,5	58	12	44		689.68
1942.90.200.08	18	200	8	50	12	53,8	72	12	54		916.18
1942.90.250.08	24	250	8	50	12	53,8	72	12	79		1114.95
1942.90.100.10	10	100	10	27	7	29,8	41	12	25		508.53
1942.90.125.10	12	125	10	32	8	34,8	48	12	40		578.58
1942.90.160.10	16	160	10	40	10	43,5	58	12	44		689.68
1942.90.200.10	18	200	10	50	12	53,8	72	12	54		916.18
1942.90.250.10	24	250	10	50	12	53,8	72	12	79		1114.95
1942.90.100.12	10	100	12	27	7	29,8	41	16	25		508.53
1942.90.125.12	12	125	12	32	8	34,8	48	16	40		578.58
1942.90.160.12	16	160	12	40	10	43,5	58	16	44		689.68
1942.90.200.12	18	200	12	50	12	53,8	72	16	54		916.18
1942.90.250.12	24	250	12	50	12	53,8	72	16	79		1114.95

SPARES		
1942.90...04	1735	5607
1942.90...05	1835	5607
1942.90...06	1745	5615
1942.90...08	1846	5615
1942.90...10	1845	5615
1942.90...12	1847	5615

REFERENCE INSERT	l	s	d
SNHX 1102XX	11,00	2,38	11,00
SNHX 1103XX	11,00	2,70	11,00
SNHX 1203XX	12,70	3,18	12,70
SNHX 12045XX	12,70	4,50	12,70
SNHX 1205XX	12,70	5,40	12,70
SNHX 1207XX	12,70	7,00	12,70

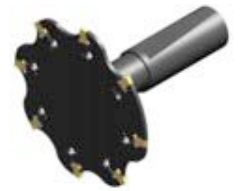
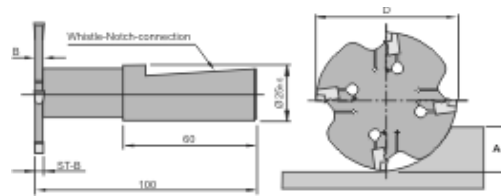
Positive 11° clearance - Round inserts.

SNHX



2942.21

Slot cutters



REFERENCE	z	ST-B	B	D	Ae	Rev max	Code	Euro
2942.21.0631.8	4	2,2	1,8	63	20	1250		832,68
2942.21.0632.4	4	3,0	2,4	63	20	1250		832,68
2942.21.0633.0	4	4,0	3,0	63	20	1250		832,68
2942.21.0801.8	5	2,2	1,8	80	26	1000		872,60
2942.21.0802.4	5	3,0	2,4	80	26	1000		872,60
2942.21.0803.0	5	4,0	3,0	80	26	1000		872,60
2942.21.1001.8	8	2,2	1,8	100	36	800		912,00
2942.21.1002.4	8	3,0	2,4	100	36	800		912,00
2942.21.1003.0	8	4,0	3,0	100	36	800		912,00

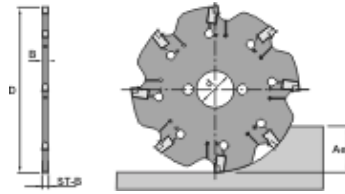
SPARES	
2942.21..	 5733

REFERENCE INSERT	s	d
FRC 2,2	2,2	0,20
FRC 3,0	3,0	0,20
FRC 4,0	4,0	0,20
FRRCR 3,0	3,0	1,50
FRRCR 4,0	4,0	2,00

Single ended inserts.	
 FRC	 FRRCR

2942.90

Slot cutters





REFERENCE	z	ST-B	B	D	d	Ae	Rev max	Insert	Code	Euro
2942.90.0801.2	4	1,6	1,2	80	16	22	1000	FRC.. 1,6		590,28
2942.90.0801.8	4	2,2	1,8	80	16	22	1000	FRC.. 2,2		590,28
2942.90.0802.4	4	3,0	2,4	80	16	22	1000	FRC.. 3,0		535,40
2942.90.0803.0	4	4,0	3,0	80	16	22	1000	FRC.. 4,0		535,40
2942.90.0804.4	4	5,0+6,0	4,4	80	16	22	1000	FRC.. 5,0-6,0		695,15
2942.90.1001.2	8	1,6	1,2	100	22	28	800	FRC.. 1,6		739,55
2942.90.1001.8	8	2,2	1,8	100	22	28	800	FRC.. 2,2		739,55
2942.90.1002.4	8	3,0	2,4	100	22	28	800	FRC.. 3,0		700,93
2942.90.1003.0	8	4,0	3,0	100	22	28	800	FRC.. 4,0		700,93
2942.90.1004.4	8	5,0+6,0	4,4	100	22	28	800	FRC.. 5,0-6,0		793,73
2942.90.1251.2	10	1,6	1,2	125	22	40	650	FRC.. 1,6		823,68
2942.90.1251.8	10	2,2	1,8	125	22	40	650	FRC.. 2,2		823,68
2942.90.1252.4	10	3,0	2,4	125	22	40	650	FRC.. 3,0		781,60
2942.90.1253.0	10	4,0	3,0	125	22	40	650	FRC.. 4,0		781,60
2942.90.1254.4	10	5,0+6,0	4,4	125	22	40	650	FRC.. 5,0-6,0		960,33
2942.90.1602.4	15	3,0	2,4	160	32	49	500	FRC.. 3,0		986,55
2942.90.1603.0	15	4,0	3,0	160	32	49	500	FRC.. 4,0		986,55
2942.90.1604.4	15	5,0+6,0	4,4	160	32	49	500	FRC.. 5,0-6,0		1029,25
2942.90.2002.4	20	3,0	2,4	200	40	63	400	FRC.. 3,0		1115,30
2942.90.2003.0	20	4,0	3,0	200	40	63	400	FRC.. 4,0		1115,30
2942.90.2004.4	20	5,0+6,0	4,4	200	40	63	400	FRC.. 5,0-6,0		1401,18
2942.90.2502.4	24	3,0	2,4	250	40	88	300	FRC.. 3,0		1266,83
2942.90.2503.0	24	4,0	3,0	250	40	88	300	FRC.. 4,0		1266,83
2942.90.2504.4	24	5,0+6,0	4,4	250	40	88	300	FRC.. 5,0-6,0		1714,83

SPARES	
2942.90..	5733

REFERENCE INSERT	s	d
FRC 1,6	1,6	0,15
FRC 2,2	2,2	0,20
FRC 3,0	3,0	0,20
FRC 4,0	4,0	0,20
FRC 5,0	5,0	0,30
FRC 6,0	6,0	0,30
FRCR 3,0	3,0	1,50
FRC 4,0	4,0	2,00
FRC 5,0	5,0	2,50
FRC 6,0	6,0	3,00

Single ended inserts.

FRC	FRCR
	

Fraises hérisson

Porcupine milling cutters

<p>2240.90 Slot and side milling 90°</p>  <p>Page 53 AP.. 1504.. SPM.. 1204..</p>	<p>2234.90 Slot and side milling 90°</p>  <p>Page 52 SC.. 09T3.. SC.. 1204..</p>	<p>2234.⁴⁴/₄₅ Slot and side milling 90°</p>  <p>Page 51 SC.. 09T3.. SC.. 1204..</p>	<p>2234.⁴⁷/₄₈ Slot and side milling 90°</p>  <p>Page 51 SC.. 09T3.. SC.. 1204..</p>	<p>2234.⁴⁹/₅₀ Slot and side milling 90°</p>  <p>Page 52 SC.. 09T3.. SC.. 1204..</p>	<p>23³/₄0.07 Slot and side milling 90°</p>  <p>Page 53 CC.. 0602.. CC.. 0803.. CC.. 09T3..</p>
<p>2330.⁴⁷/₄₈ Slot and side milling 90°</p>  <p>Page 54 AP.. 1604...</p>	<p>2330.⁴⁹/₅₀ Slot and side milling 90°</p>  <p>Page 55 AP.. 1604..</p>	<p>23³/₀0.07 Slot and side milling 90°</p>  <p>Page 54 AP.. 1003.. AP.. 1604..</p>			

Porcupine cutters

2234.44 / 2234.45

Porcupine milling cutters



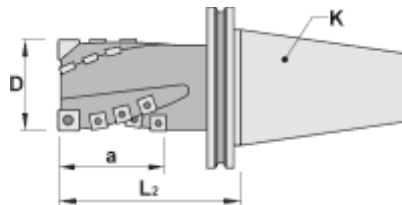
REFERENCE	Z	D	L2	K	a	SC.. 1204..	SC.. 09T3..	Code	Euro
2234.44.040.60	1+2	40	105	40	60	1	13	102215	564,83
2234.44.050.65	1+2	50	105	40	65	1	14	102217	654,45
2234.45.040.70	1+2	40	123	50	70	1	14		609,58
2234.45.050.75	1+2	50	128	50	75	1	16		753,05
2234.45.063.80	2+2	63	133	50	80	2	22	102241	851,65
2234.45.080.85	2+3	80	138	50	85	2	28		977,23
2234.45.100.95	3+3	100	148	50	95	3	39		1165,40

SPARES				
2234..	1250	5620	1240	5615
	SC.. 1204..		SC.. 09T3	





REFERENCE INSERT	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70
Positive 7° clearance - Square inserts			
SCGT-AL	SCMT-39	SCMW	




2234.47 / 2234.48

Porcupine milling cutters



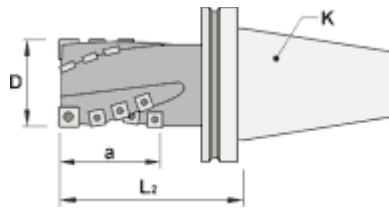
REFERENCE	Z	D	L2	K	a	SC.. 1204..	SC.. 09T3..	Code	Euro
2234.47.040.60	1+2	40	105	40	60	1	13		564,83
2234.47.050.65	1+2	50	105	40	65	1	14		654,45
2234.48.040.70	1+2	40	123	50	70	1	14		609,58
2234.48.050.75	1+2	50	128	50	75	1	16		753,05
2234.48.063.80	2+2	63	133	50	80	2	22		851,65
2234.48.080.85	2+3	80	138	50	85	2	28		977,23
2234.48.100.95	3+3	100	148	50	95	3	39		1165,40

SPARES				
2234..	 1250	 5620	 1240	 5615
	SC.. 1204..		SC.. 09T3	





REFERENCE INSERT	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70
Positive 7° clearance - Square inserts			
 SCGT-AL	 SCMT-39	 SCMW	

2234.49 / 2234.50

Porcupine milling cutters



REFERENCE	Z	D	L2	K	a	SC.. 1204..	SC.. 09T3..	Code	Euro
2234.49.040.60	1+2	40	105	40	60	1	13		564,83
2234.49.050.65	1+2	50	105	40	65	1	14		654,45
2234.50.040.70	1+2	40	123	50	70	1	14		609,58
2234.50.050.75	1+2	50	128	50	75	1	16		753,05
2234.50.063.80	2+2	63	133	50	80	2	22		851,65
2234.50.080.85	2+3	80	138	50	85	2	28		977,23
2234.50.100.95	3+3	100	148	50	95	3	39		1165,40

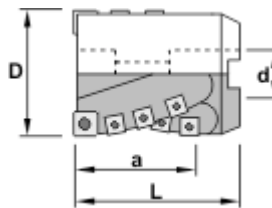
SPARES				
2234..	1250	5620	1240	5615
	SC.. 1204..		SC.. 09T3	

REFERENCE INSERT	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70

Positive 7° clearance - Square inserts		
SCGT-AL	SCMT-39	SCMW
		

2234.90

Porcupine milling cutters



REFERENCE	Z	D	L	d	a	SC.. 1204..	SC.. 09T3..	Code	Euro
2234.90.063.65	2+2	63	80	27	65	2	18		618,80
2234.90.080.75	2+3	80	90	32	75	2	22		672,38
2234.90.100.85	3+3	100	100	40	85	3	36		1021,10
2234.90.125.95	4+4	125	110	40	95	4	52		1252,75

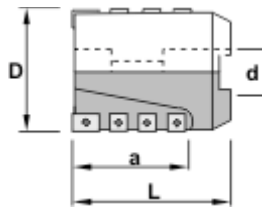
SPARES					
2234.90.063.65	1250	5620	1240	5615	912,12
2234.90.080.75	1250	5620	1240	5615	912,16
2234.90.100.85	1250	5620	1240	5615	912,20
2234.90.125.95	1250	5620	1240	5615	-
	SC.. 1204..		SC.. 09T3		

REFERENCE INSERT	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70




Positive 7° clearance - Square inserts		
SCGT-AL	SCMT-39	SCMW
		



2240.90

Porcupine milling cutters



REFERENCE	Z	D	L	d	a	AP.. 2004..	SPM.. 1204..	Code	Euro
2240.90.050.48	1+2	50	70	22	48	1	11		538,15
2240.90.063.58	2+2	63	70	27	58	2	10		618,80
2240.90.080.68	3+2	80	80	32	68	2	16		672,38
2240.90.100.78	3+3	100	90	40	78	3	21		1021,10
2240.90.125.88	4+4	125	100	40	88	4	32		1252,75

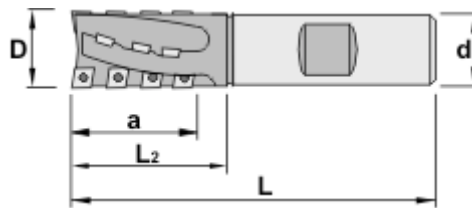
SPARES			
2240.90.050.48	1550	5620	912,10
2240.90.063.58	1550	5620	912,12
2240.90.080.68	1550	5620	912,16
2240.90.100.78	1550	5620	912,20
2240.90.125.88	1550	5620	-

REFERENCE INSERT	l	s	d
AP.. 2004..	20,00	4,76	12,70
SPM.. 1204..	12,70	4,76	12,70
Positive 11° clearance - Rectangular inserts		Positive 11° clearance - Square inserts	
	APMW		SPMW



2314.07 / 2324.07



2334.07

Porcupine milling cutters



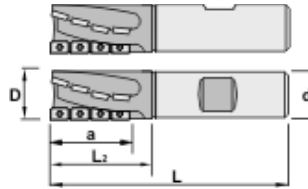
REFERENCE	Z	D	L	L2	d	a	Code	Euro
2314.07.025.30	2+2	25	125	60	25	30		263,45
2314.07.025.43	2+2	25	125	60	25	43		281,60
2324.07.032.30	2+2	32	130	60	32	30		363,00
2324.07.032.43	2+2	32	130	60	32	43		416,50
2334.07.040.30	2+2	40	130	60	32	30		496,45
2334.07.040.43	2+2	40	130	60	32	43		541,93

SPARES		
2314..	1225	5607
2324..	1230	5608
2334..	1240	5615



REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 0803..	8,05	3,18	7,94
CC.. 09T3..	9,65	3,97	9,52
Positive 7° clearance - 80° rhombic inserts			
	CCKT		

2320.07 / 2330.07

Porcupine milling cutters



REFERENCE	Z	D	L	L2	K	a	Insert	Code	Euro
2320.07.025.37	2	25	110	50	25	37	AP.. 1003..		337,93
2330.07.032.45	2	32	125	55	32	45	AP.. 1604..		435,58
2330.07.040.50	3	40	125	65	32	50	AP.. 1604..		650,30

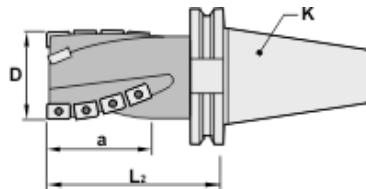
SPARES		
2320.07.025.37		1425
2330.07..		5507
		1440
		5515

REFERENCE INSERT	I	s	d
AP.. 1003..	9,52	3,18	6,35
AP.. 1604..	17,00	4,76	9,52





2330.47 / 2330.48

Porcupine milling cutters



REFERENCE	Z	D	L2	K	a	Insert	Code	Euro
2330.47.050.65	3	50	105	40	65	AP.. 1604..		785,35
2330.48.050.65	3	50	105	50	65	AP.. 1604..		903,65
2330.48.063.65	3	63	130	50	65	AP.. 1604..		1021,98
2330.48.080.85	3	80	140	50	80	AP.. 1604..		1172,68

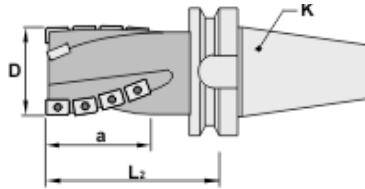
SPARES		
2330.47..		1240
2330.48..		5615
		1240
		5615

REFERENCE INSERT	I	s	d
AP.. 1604..	17,00	4,76	9,52




2330.49 / 2330.50

Porcupine milling cutters



REFERENCE	Z	D	L2	K	a	Insert	Code	Euro
2330.49.050.65	3	50	105	40	65	AP.. 1604..		785,35
2330.50.050.65	3	50	105	50	65	AP.. 1604..		903,65
2330.50.063.65	3	63	130	50	65	AP.. 1604..		1021,98
2330.50.080.85	3	80	140	50	80	AP.. 1604..		1172,68




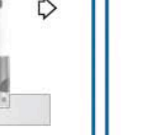
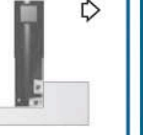





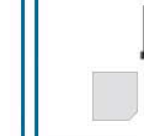
SPARES		
		
2330.49..	1240	5615
2330.50..	1240	5615

REFERENCE INSERT	l	s	d
AP.. 1604...	17,00	4,76	9,52

Positive 11° clearance - Rectangular inserts.					
APFT	APHT-AL	APKT	APKT-26	APMT	APMT-26
					

Fraises spécifiques et coffrets

Specific applications

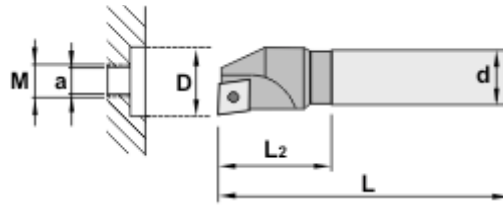
<p>02$\frac{1}{4}$.00 Spot facing milling cutters</p>  <p>Page 57 CC.. 0602.. CC.. 09T3..</p>	<p>0624.21 Chamfering cutters</p>  <p>Page 57 TC.. 1102..</p>	<p>0724.21 Chamfering cutters</p>  <p>Page 58 TC.. 1102..</p>	<p>1220.21 Face and square 90°</p>  <p>Page 59 AP.. 1003..</p>	<p>2220.21 Face and square 90°</p>  <p>Page 62 AP.. 1003..</p>	<p>1135.01 Convexe milling cutters</p>  <p>Page 58 ADMW-C 1503..</p>
<p>1235.01 Concave milling cutters</p>  <p>Page 59 ADMW-R 1503..</p>	<p>1235.07 Concave milling cutters</p>  <p>Page 60 ADMW-R 1503..</p>	<p>16$\frac{3}{4}$.2$\frac{1}{2}$ Chamfering cutters</p>  <p>Page 60 TC.. 1102.. TC.. 16T3..</p>	<p>1725.$\frac{2}{7}$ Chamfering cutters</p>  <p>Page 61 ADMW-R 1503..</p>	<p>1735.$\frac{2}{7}$ Chamfering cutters</p>  <p>Page 61 ADMW-C 1503..</p>	<p>1744.$\frac{2}{7}$ Chamfering cutters</p>  <p>Page 62 SC.. 1204..</p>
<p>3314.0$\frac{1}{2}$ Multi-function</p>  <p>Page 63 CCKT 0602.. CCKT 1204..</p>	<p>9614.61 Back draft spot facing</p>  <p>Page 64 CC.. 0602.. CC.. 09T3..</p>	<p>9624.61 Back draft countersink</p>  <p>Page 64 CC.. 0602.. TC.. 1102..</p>			

Sets

<p>SET MAXICUT Spot facing milling cutters</p>  <p>Page 65 CC.. 0602.. CC.. 09T3..</p>	<p>SET MINICUT Chamfering cutters</p>  <p>Page 65 TC.. 1102..</p>	<p>SET 1220 Face and square 90°</p>  <p>Page 66 AP.. 1003..</p>	<p>SET 1135 Convexe milling cutters</p>  <p>Page 66 ADMW-C 1503..</p>	<p>SET 1235 Concave milling cutters</p>  <p>Page 67 ADMW-R 1503..</p>	<p>SET MULTICUT Chamfering cutters</p>  <p>Page 67 TC.. 1102.. TC.. 16T3..</p>
<p>SET CCKT Multi-function</p>  <p>Page 68 CCKT 0602.. CCKT 1204..</p>					

0214.00/0234.00

Spot facing milling cutters



REFERENCE	Z	D	d	a	L	L2	M	Insert	Code	Euro
0214.00.011	1	11	12	4	85	15	M6	CC.. 0602..		82.30
0214.00.014	1	14	12	5	85	19	M8	CC.. 0602..		82.30
0234.00.017	1	17	16	5	95	30	M10	CC.. 09T3..		82.30
0234.00.019	1	19	16	5	95	32	M12	CC.. 09T3..		95.13
0234.00.022	1	22	16	6	95	32	M14	CC.. 09T3..		95.13
0234.00.025	1	25	16	8	95	32	M16	CC.. 09T3..		108.43

SPARES		
0214.00.0..	1425	5507
0234.00.0..	1440	5515

INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCKT

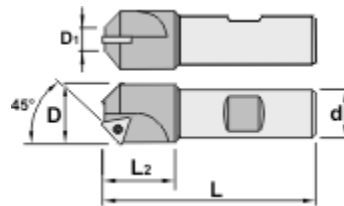


CCMW



0624.21

Countersink milling cutters



REFERENCE	Z	D1	D	L	L2	d	Insert	Code	Euro
0624.21.016	1	1,2	16	70	24	12	TC.. 1102..		67.58
0624.21.021	2	8,5	21	90	30	20	TC.. 1102..		81.95

SPARES		
0624.21.0..	1425	5507

INSERT	l	s	d
TC.. 1102..	11,00	2,38	6,35

Positive 7° clearance - Triangular inserts.

TCGT-AL



TCMT-39

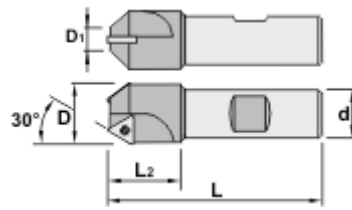


TCMW



0724.21


Countersink milling cutters



REFERENCE	Z	D1	D	L	L2	d	Insert	Code	Euro
0724.21.016	1	5,4	16	70	24	12	TC.. 1102..		77,33
0724.21.026	2	15,8	26	90	30	20	TC.. 1102..		93,53

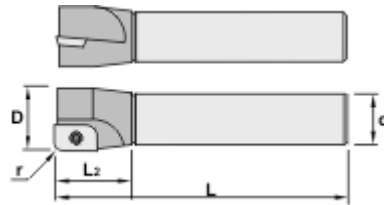
SPARES		
0724.21.0..		
	1425	5507

INSERT	l	s	d
TC.. 1102..	11,00	2,38	6,35

Positive 7° clearance - Triangular inserts.		
TCGT-AL	TCMT-39	TCMW
		

1135.01


Convex milling cutters



REFERENCE	Z	d	D	L	L2	rmin	rmax	Insert	Code	Euro
1135.01.01610	1	20	16	120	35	1,0	2,5	ADMW-C 1503R1.0 / 2.5		71,90
1135.01.01635	1	20	16	120	35	3,0	6,0	ADMW-C 1503R3.0 / 6.0		71,90

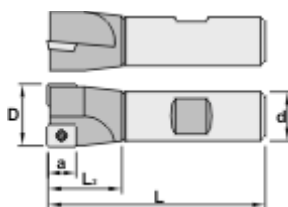
SPARES		
1135.01.0..		
	1440	5515

REFERENCE INSERT	r	s	d
ADMW-C 1503R1.0-C	1,00	3,18	9,52
ADMW-C 1503R1.5-C	1,50	3,18	9,52
ADMW-C 1503R2.0-C	2,00	3,18	9,52
ADMW-C 1503R2.5-C	2,50	3,18	9,52
ADMW-C 1503R3.0-C	3,00	3,18	9,52
ADMW-C 1503R3.5-C	3,50	3,18	9,52
ADMW-C 1503R4.0-C	4,00	3,18	9,52
ADMW-C 1503R4.5-C	4,50	3,18	9,52
ADMW-C 1503R5.0-C	5,00	3,18	9,52
ADMW-C 1503R6.0-C	6,00	3,18	9,52

Positive 15° clearance - Rectangular inserts.
ADMW-C


1220.21

Slot and square shoulder cutters 90°




REFERENCE	z	D	d	a	L2	L	Code	Euro
1220.21.012	1	12	16	10	25	85		89,43
1220.21.016	2	16	16	10	25	85		89,43
1220.21.020	3	20	20	10	30	90		102,40

SPARES		
1220.21.0..		
	1425	5507


REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.

APHT-AL

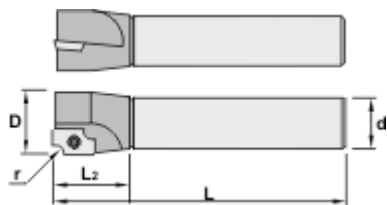


APKT



1235.01

Convave milling cutters




REFERENCE	Z	d	D	L	L2	rmin	rmax	Insert	Code	Euro
1235.01.01701	1	16	17	120	30	1,0	2,5	ADMW 1503R1.0 / 2.5		71,90
1235.01.01703	1	16	17	120	30	3,0	6,0	ADMW 1503R3.0 / 6.0		71,90

SPARES		
1235.01.0..		
	1440	5515

REFERENCE INSERT	r	s	d
ADMW 1503R1.0	1,00	3,18	9,52
ADMW 1503R1.5	1,50	3,18	9,52
ADMW 1503R2.0	2,00	3,18	9,52
ADMW 1503R2.5	2,50	3,18	9,52
ADMW 1503R3.0	3,00	3,18	9,52
ADMW 1503R3.5	3,50	3,18	9,52
ADMW 1503R4.0	4,00	3,18	9,52
ADMW 1503R4.5	4,50	3,18	9,52
ADMW 1503R5.0	5,00	3,18	9,52
ADMW 1503R6.0	6,00	3,18	9,52

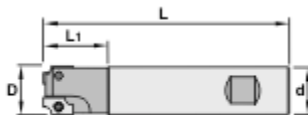
Positive 15° clearance - Rectangular inserts.

ADMW-R



1235.07

Concave milling cutters



REFERENCE	Z	d	D	L	L2	rmin	rmax	Insert	Code	Euro
1235.07.02201	2	22	20	120	35	1,0	2,5	ADMW 1503R1.0 / 2.5		97,03
1235.07.02203	2	22	20	120	40	3,0	6,0	ADMW 1503R3.0 / 6.0		97,03

SPARES		
1235.07.0..		
	1440	5515

REFERENCE INSERT	r	s	d
ADMW 1503R1.0	1,00	3,18	9,52
ADMW 1503R1.5	1,50	3,18	9,52
ADMW 1503R2.0	2,00	3,18	9,52
ADMW 1503R2.5	2,50	3,18	9,52
ADMW 1503R3.0	3,00	3,18	9,52
ADMW 1503R3.5	3,50	3,18	9,52
ADMW 1503R4.0	4,00	3,18	9,52
ADMW 1503R4.5	4,50	3,18	9,52
ADMW 1503R5.0	5,00	3,18	9,52
ADMW 1503R6.0	6,00	3,18	9,52

Positive 11° clearance - Rectangular inserts.

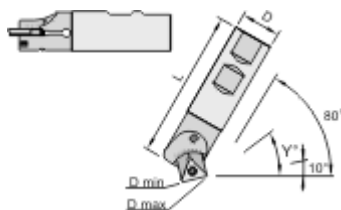
ADMW-R



1624.21/1634.21

1634.27

Regulable chamfering milling cutters



REFERENCE	Z	D	L	Y	Dmin	Dmax	Insert	Code	Euro
1624.21.020	1	20	100	10° - 80°	5	20	TC.. 1102..		160.63
1634.21.025	1	25	100	10° - 80°	5	23	TC.. 16T3..		160.63
1634.27.025	1	25	175	10° - 80°	5	23	TC.. 16T3..		184.75

SPARES				
1624.21.020				
1634.2..	6926	1240	1296	5515

REFERENCE INSERT	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL



TCMT-39

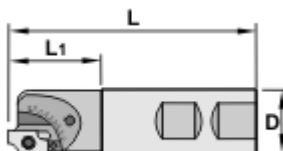


TCMW



1725.07 / 1725.27

Regulable Concave milling cutters




REFERENCE	Z	D	L	L1	Dmin	Dmax	Insert	Code	Euro
1725.07.025	1	17	120	30	26,5	33,0	ADMW-R 1503		160,63
1725.27.025	1	17	120	30	26,5	33,0	ADMW-R 1503		184,75

SPARES				
1725..				
	6925	1240	1296	5515

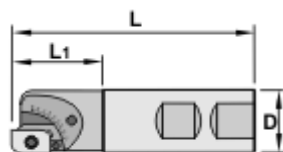
REFERENCE INSERT	r	s	d
ADMW 1503R1.0	1,00	3,18	9,52
ADMW 1503R1.5	1,50	3,18	9,52
ADMW 1503R2.0	2,00	3,18	9,52
ADMW 1503R2.5	2,50	3,18	9,52
ADMW 1503R3.0	3,00	3,18	9,52
ADMW 1503R3.5	3,50	3,18	9,52
ADMW 1503R4.0	4,00	3,18	9,52
ADMW 1503R4.5	4,50	3,18	9,52
ADMW 1503R5.0	5,00	3,18	9,52

Positive 11° clearance - Rectangular inserts.
ADMW-R



1735.07 / 1735.27

Regulable Convex milling cutters




REFERENCE	Z	D	L	L1	Dmin	Dmax	Insert	Code	Euro
1735.07.025	1	25	100	37	26,5	34,0	ADMW-C 1503		160,63
1735.27.025	1	25	175	37	26,5	34,0	ADMW-C 1503		184,75

SPARES				
1735..				
	6935	1240	1296	5515

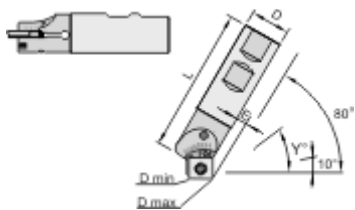
REFERENCE INSERT	r	s	d
ADMW 1503R1.0-C	1,00	3,18	9,52
ADMW 1503R1.5-C	1,50	3,18	9,52
ADMW 1503R2.0-C	2,00	3,18	9,52
ADMW 1503R2.5-C	2,50	3,18	9,52
ADMW 1503R3.0-C	3,00	3,18	9,52
ADMW 1503R3.5-C	3,50	3,18	9,52
ADMW 1503R4.0-C	4,00	3,18	9,52
ADMW 1503R4.5-C	4,50	3,18	9,52
ADMW 1503R5.0-C	5,00	3,18	9,52
ADMW 1503R6.0-C	6,00	3,18	9,52

Positive 11° clearance - Rectangular inserts.
ADMW-C



1744.07 / 1744.27


Regulable Convex milling cutters



REFERENCE	Z	D	L	Y	Dmin	Dmax	Insert	Code	Euro
1744.07.025	1	25	100	10°	7,5	30,0	SC.. 1204..		160,63
1744.27.025	1	25	175	20°	10,0	32,0	SC.. 1204..		184,75
				30°	13,0	32,5			
				40°	16,5	33,5			
				45°	17,5	33,5			
				50°	19,0	33,5			
				60°	22,0	33,5			
				70°	24,5	32,5			
				80°	27,0	31,0			

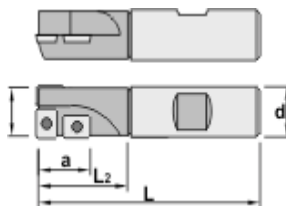
SPARES				
1735..	6935	1240	1296	5515

REFERENCE INSERT	l	s	d
SC.. 1204..	12,70	4,76	12,70

Positive 7° clearance - Square inserts		
		
SCGT-AL	SCMT-39	SCMW

2220.21



Super positive drill mill cutters 90°



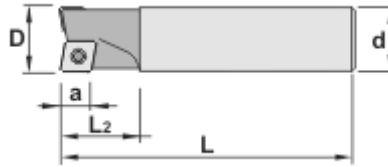
REFERENCE	z	D	d	a	L2	L	Code	Euro
2220.21.020	1+1	20	20	19	35	90		

SPARES		
2220.21.020	1425	5507

REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35





Positive 11° clearance - Rectangular inserts.	
	
APHT-AL	APKT

3314.00 / 3314.01



- 1.-Multiple applications - Side milling, drilling and face milling.
- 2.-Less time in tool changing on both-conventional and M/C machines.
- 3.-Economical and efficient in machining.
- 4.-Easily able to machine in roughing and finishing applications because of the high rake geometry and high helix which reduce cutting forces for a smoother cut.
- 5.-Longer tool life may be expected because of the low cutting forces generated.
- 6.-Improved performance will be seen in comparison to conventional end mills and mill-drills, especially when ramp milling, drilling, contouring, helical interpolation of bores pockets or normal profiling.


REFERENCE	Z	D	d	L	L1	a	Inserts	Code	Euro
3314.00.012	1	12	16	100	25	5,0	CCKT 0602..		79,05
3314.00.016	2	16	16	100	25	5,0	CCKT 0602.. / 0803..		79,05
3314.00.020	2	20	20	125	32	7,0	CCKT 0803.. / 09T3..		91,38
3314.00.025	2	25	25	125	40	7,6	CCKT 09T3.. / 1204..		104,18
3314.01.012	1	12	16	150	25	5,0	CCKT 0602..		113,95
3314.01.016	2	16	16	175	25	5,0	CCKT 0602.. / 0803..		113,95
3314.01.020	2	20	20	175	32	7,0	CCKT 0803.. / 09T3..		131,78
3314.01.025	2	25	25	200	40	7,6	CCKT 09T3.. / 1204..		150,08

SPARES				
3314.00.012	1425	-	5507	-
3314.00.016	1425	1430	5507	5508
3314.00.020	1430	1440	5508	5515
3314.00.025	1440	1450	5515	5520
3314.01.012	1425	-	5507	-
3314.01.016	1425	1430	5507	5508
3314.01.020	1430	1440	5508	5515
3314.01.025	1440	1550	5515	5520

REFERENCE INSERT	l	s	d
CCKT 0602..	6,45	2,38	6,35
CCKT 0803..	8,05	3,18	7,94
CCKT 09T30..	9,65	4,00	9,52
CCKT 1204..	12,90	4,76	12,70

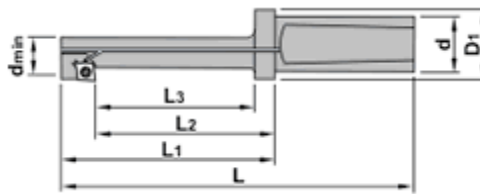
Positive 7° clearance - 80° rhombicRectangular inserts.

CCKT





9614.61

Spot facing mills
With internal coolant



REFERENCE	Z	D	dmin	d	L	L1	L2	L3	D1	Insert	Code	Euro
9614.61.018	1	18	10,5	20	112	40	47	62	25	CC.. 0602..		228,10
9614.61.020	1	20	13,0	20	117	45	52	67	25	CC.. 0602..		228,10
9614.61.024	1	24	15,0	20	122	50	57	72	25	CC.. 0602..		228,10
9614.61.026	1	26	17,0	20	132	60	67	82	25	CC.. 0602..		228,10
9614.61.030	1	30	19,0	20	142	65	77	92	25	CC.. 0602..		228,10
9614.61.033	1	33	21,0	20	152	75	82	102	25	CC.. 09T3..		248,65

SPARES		
9614.61.018		1425
9614.61.0..		5507
9614.61.033		1440
		5515

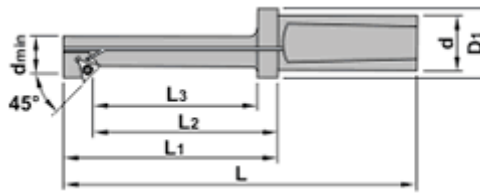
REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.


CCGT-AL 	CCKT 	CCMW 
---	--	--

9624.61






Chamfering mills
With internal coolant



REFERENCE	Z	D	dmin	d	L	L1	L2	L3	D1	Insert	Code	Euro
9624.61.015	1	18	10,5	20	112	40	47	62	25	CC.. 0602..		228,10
9624.61.020	1	20	13,0	20	117	45	52	67	25	CC.. 0602..		228,10
9624.61.023	1	24	15,0	20	122	50	57	72	25	TC.. 1102..		228,10
9624.61.027	1	26	17,0	20	132	60	67	82	25	TC.. 1102..		228,10
9624.61.031	1	30	19,0	20	142	65	77	92	25	TC.. 1102..		228,10

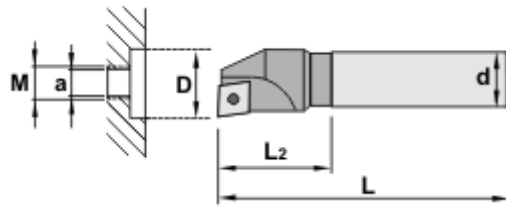
SPARES		
9624.61.015		1425
9624.61.020		1425
9624.61.023		1225
9624.61.027		1225
9624.61.031		1225
		5507
		5507
		5507
		5507

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
TC.. 1102..	11,00	2,38	6,35



Positive 7° clearance - 80° rhombic inserts			Positive 7° clearance - Triangular inserts	
CCGT-AL 	CCKT 	CCMW 	TCMT-39 	TCMW 

SET MAXICUT

Spot facing milling cutters



REFERENCE	Z	D	d	a	L	L2	M	Insert	Code	Euro
0214.00.011	1	11	12	4	85	15	M6	CC.. 0602..	102355	472.38
0214.00.014	1	14	12	5	85	19	M8	CC.. 0602..		
0234.00.017	1	17	16	5	95	30	M10	CC.. 09T3..		
0234.00.019	1	19	16	5	95	32	M12	CC.. 09T3..		
0234.00.022	1	22	16	6	95	32	M14	CC.. 09T3..		
0234.00.025	1	25	16	8	95	32	M16	CC.. 09T3..		

SPARES		
0214.00.0..		1425
0234.00.0..		5507
		5515

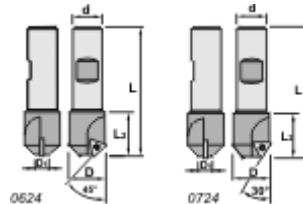
REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL	CCKT	CCMW
		

SET MINICUT

Countersink milling cutters set



REFERENCE	Z	D1	D	L	L2	d	Insert	Code	Euro
0624.21.016	1	1,2	16	70	24	12	TC.. 1102..	102350	288.63
0624.21.021	2	8,5	21	90	30	20	TC.. 1102..		
0724.21.016	1	5,4	16	70	24	12	TC.. 1102..		
0724.21.021	2	15,8	26	90	30	20	TC.. 1102..		

SPARES		
0..24.21.0..		1425
		5507

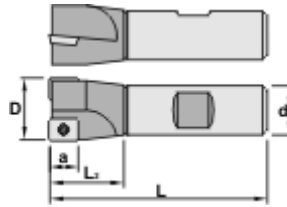
REFERENCE INSERT	l	s	d
TC.. 1102..	11,00	2,38	6,35

Positive 7° clearance - Triangular inserts.

TCGT-AL	TCMT-39	TCMW
		

SET 1220

Slot and square shoulder cutters 90° set



REFERENCE	z	D	d	a	L2	L	Code	Euro
1220.21.012	1	12	16	10	25	85	102345	359.98
1220.21.016	2	16	16	10	25	85		
1220.21.020	3	20	20	10	30	90		
2220.21.020	1+1	20	20	19	35	90		

SPARES		
1220.21.0..		
	1425	5507

REFERENCE INSERT	l	s	d
AP.. 1003...	9,52	3,18	6,35

Positive 11° clearance - Rectangular inserts.

APHT-AL

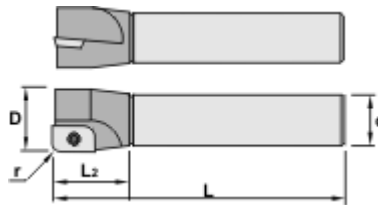


APKT



SET 1135

Convex milling cutters set



REFERENCE	Z	d	D	L	L2	rmin	rmax	Insert	Code	Euro
1135.01.01610	1	20	16	120	35	1,0	2,5	ADMW-C 1503R1.0 / 2.5		283.45
1135.01.01635	1	20	16	120	35	3,0	6,0	ADMW-C 1503R3.0 / 6.0		

SPARES		
1135.01.0..		
	1440	5515

REFERENCE INSERT	r	s	d
ADMW-C 1503R1.0-C	1,00	3,18	9,52
ADMW-C 1503R1.5-C	1,50	3,18	9,52
ADMW-C 1503R2.0-C	2,00	3,18	9,52
ADMW-C 1503R2.5-C	2,50	3,18	9,52
ADMW-C 1503R3.0-C	3,00	3,18	9,52
ADMW-C 1503R3.5-C	3,50	3,18	9,52
ADMW-C 1503R4.0-C	4,00	3,18	9,52
ADMW-C 1503R4.5-C	4,50	3,18	9,52
ADMW-C 1503R5.0-C	5,00	3,18	9,52
ADMW-C 1503R6.0-C	6,00	3,18	9,52

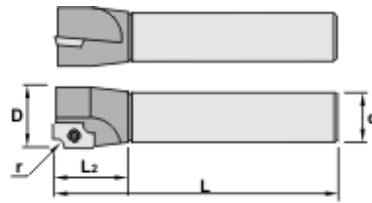
Positive 15° clearance - Rectangular inserts.

ADMW-C



SET 1235

Concave milling cutters set



REFERENCE	Z	d	D	L	L2	rmin	rmax	Insert	Code	Euro
1235.01.01701	1	16	17	120	30	1,0	2,5	ADMW 1503R1.0 / 2.5	102700	393.68
1235.01.01703	1	16	17	120	30	3,0	6,0	ADMW 1503R3.0 / 6.0		

SPARES		
1235.01.0..		
	1440	5515

REFERENCE INSERT	r	s	d
ADMW 1503R1.0	1,00	3,18	9,52
ADMW 1503R1.5	1,50	3,18	9,52
ADMW 1503R2.0	2,00	3,18	9,52
ADMW 1503R2.5	2,50	3,18	9,52
ADMW 1503R3.0	3,00	3,18	9,52
ADMW 1503R3.5	3,50	3,18	9,52
ADMW 1503R4.0	4,00	3,18	9,52
ADMW 1503R4.5	4,50	3,18	9,52
ADMW 1503R5.0	5,00	3,18	9,52
ADMW 1503R6.0	6,00	3,18	9,52

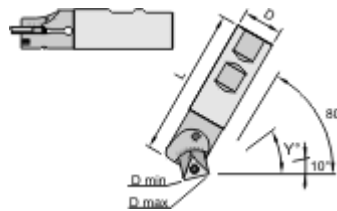
Positive 15° clearance - Rectangular inserts.

ADMW-R



SET MULTICUT

Countersink milling cutters



REFERENCE	Z	D	L	Y	Dmin	Dmax	Insert	Code	Euro
1624.21.020	1	20	100	10°	5	5	TC.. 1102..	102340	324.33
				20°	8	8			
				30°	10	10			
				40°	13	13			
				45°	14	14			
				50°	15	15			
				60°	17	17			
				70°	19	19			
1634.21.025	1	25	100	10°	5	5	TC.. 16T3..	102340	324.33
				20°	6	6			
				30°	7	7			
				40°	10	10			
				45°	11	11			
				50°	13	13			
				60°	16	16			
				70°	19	19			
80°	23	23							

SPARES				
1624.21.020				
1634.21.025	6921	1225	1095	5507
	6926	1240	1296	5515

REFERENCE INSERT	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL



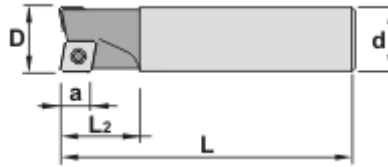
TCMT-39



TCMW







SET CCKT



- 1.-Multiple applications - Side milling, drilling and face milling.
- 2.-Less time in tool changing on both-conventional and M/C machines.
- 3.-Economical and efficient in machining.
- 4.-Easily able to machine in roughing and finishing applications because of the high rake geometry and high helix which reduce cutting forces for a smoother cut.
- 5.-Longer tool life may be expected because of the low cutting forces generated.
- 6.-Improved performance will be seen in comparison to conventional end mills and mill-drills, especially when ramp milling, drilling, contouring, helical interpolation of bores pockets or normal profiling.

REFERENCE	Z	D	d	L	L1	a	Inserts	Code	Euro
3314.00.012	1	12	16	100	25	5,0	CCKT 0602..		680.23
3314.00.016	2	16	16	100	25	5,0	CCKT 0602.. / 0803..		
3314.00.020	2	20	20	125	32	7,0	CCKT 0803.. / 09T3..		
3314.00.025	2	25	25	125	40	7,6	CCKT 09T3.. / 1204..		
3314.01.012	1	12	16	150	25	5,0	CCKT 0602..		
3314.01.016	2	16	16	175	25	5,0	CCKT 0602.. / 0803..		
3314.01.020	2	20	20	175	32	7,0	CCKT 0803.. / 09T3..		
3314.01.025	2	25	25	200	40	7,6	CCKT 09T3.. / 1204..		

SPARES				
3314.00.012	1425	-	5507	-
3314.00.016	1425	1430	5507	5508
3314.00.020	1430	1440	5508	5515
3314.00.025	1440	1450	5515	5520
3314.01.012	1425	-	5507	-
3314.01.016	1425	1430	5507	5508
3314.01.020	1430	1440	5508	5515
3314.01.025	1440	1550	5515	5520

REFERENCE INSERT	l	s	d
CCKT 0602..	6,45	2,38	6,35
CCKT 0803..	8,05	3,18	7,94
CCKT 09T30..	9,65	4,00	9,52
CCKT 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombicRectangular inserts.

CCKT



Roughing ball nose

3540.0⁹
Roughing (Cylindric)



Page 70 IN.. 25
IN.. 32

3540.3⁴
Roughing (Morse)



Page 70 IN.. 32
IN.. 50



Finishing ball nose

85_0
Copy applications
(Finishing)
Cylindric




Page 71 WPR 10
WPR 32

85_3
Copy applications
(Finishing)
Morse




Page 71 WPR 20
WPR 32

85_06
Copy applications
(Finishing)
Modular



Page 72 WPR 10
WPR 25

88_0
Copy applications
(Finishing)
Cylindric



Page 72 RPR 10
RPR 32

88_3
Copy applications
(Finishing)
Morse



Page 73 RPR 20
RPR 32

88_06
Copy applications
(Finishing)
Modular



Page 73 RPR 10
RPR 25

Toroidal cutters

89_01
Back draft cutter
Cylindric



Page 74 MTK 12
MTK ...
MTK 25

89_06
Back draft cutter
Modular



Page 74 MTK 10
MTK ...
MTK 25



High feed

1635.00 High feed



Page 75 XDKW 0904...

1645.90 High feed



Page 76 XDKW 1204...

1440.92 High feed



Page 75 SP.. 1203...



Round Inserts

55_5 Round milling



Page 76 RDHW 0702..
RDHW 1604..

55_5.06 Round milling



Page 77 RDHW 0702..
RDHW 1604..

55⁵5.90 Round milling



Page 77 RD.. 12T3M0
RD.. 1604M0

5549.90 Round milling



Page 78 RPM.. 1204..



Aluminium die cutting

0344.06
General application



Page 79 VC.. 1103..
VC.. 2205..

0344.90
General application



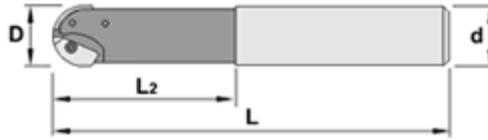
Page 79 VC.. 2205..





Roughing ball nose

3540.00 / 3540.01

Indexable ball nose roughing cutter



REFERENCE	Z	D	L	L2	d	Insert	Code	Euro
3540.00.025	2	25	115	57	25	IN.. 25		167,45
3540.00.032	2	32	115	57	32	IN.. 32		192,63
3540.01.025	2	25	150	76	25	IN.. 25		200,98
3540.01.032	2	32	150	76	32	IN.. 32		231,10

SPARES		
		
3540.00.025	1235	5615
3540.00.032	1550	5620
3540.01.025	1235	5615
3540.01.032	1550	5620

REFERENCE INSERT	l	s	d
IN.. 25	-	4,5	12,5
IN.. 32	-	5,6	16,0

Positive ball nose insert.

INT

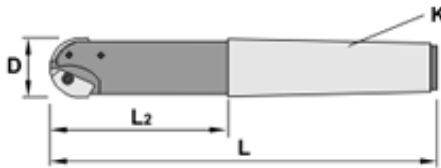


INW





3540.34 / 3540.35

Indexable ball nose roughing cutter



REFERENCE	Z	D	L	L2	K	Insert	Code	Euro
3540.34.032	2	32	228	119	4	IN.. 32		260,08
3540.35.040	2	40	231	95	5	IN.. 40		299,05
3540.35.050	2	50	231	95	5	IN.. 50		343,90

SPARES		
		
3540.34.032	1550	5620
3540.35.040	1250	5620
3540.35.050	1890	5625

REFERENCE INSERT	l	s	d
IN.. 32	-	5,6	16,0
IN.. 40	-	5,6	20,0
IN.. 50	-	7,9	25,5

Positive ball nose insert.

INT



INW

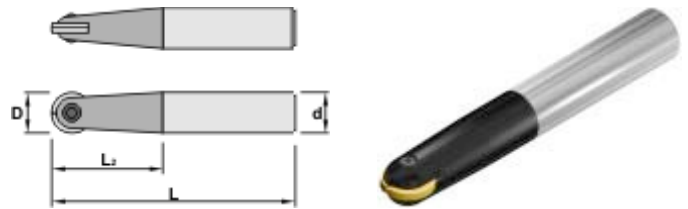


Finishing ball nose

8530.-8540.-8550.00/.01

8580.-8590.00/.01

Indexable ball nose semi-finishing and finishing cutter



REFERENCE	z	D	L	L2	d	Insert	Code	Euro
8530.00.010	2	10	105	50	12	WPR 10		114.70
8540.00.012	2	12	105	50	16	WPR 12		114.70
8550.00.016	2	16	105	50	20	WPR 16		114.70
8560.00.020	2	20	125	70	25	WPR 20		122.90
8580.00.025	2	25	125	70	32	WPR 25		150.23
8590.00.032	2	32	125	70	32	WPR 32		168.43
8530.01.010	2	10	150	80	12	WPR 10		122.90
8540.01.012	2	12	160	90	16	WPR 12		122.90
8550.01.016	2	16	180	100	20	WPR 16		122.90
8560.01.020	2	20	200	120	25	WPR 20		150.23
8580.01.025	2	25	220	140	32	WPR 25		170.73
8590.01.032	2	32	250	160	32	WPR 32		198.00

SPARES		
8530...		1359
8540...		1509
8550...		1519
8560...		1529
8580...		1609
8590...		1809
		5615
		5620
		5620
		5530
		5530
		5530

REFERENCE INSERT	l	s	d
WPR 10	-	2,50	10,00
WPR 12	-	2,50	12,00
WPR 16	-	3,00	16,00
WPR 20	-	3,00	20,00
WPR 25	-	4,00	25,00
WPR 32	-	5,00	32,00

Positive 11° clearance - Round insert.

WPR





8560.30

8580.34 / 8590.34

Indexable ball nose semi-finishing and finishing cutter



REFERENCE	z	D	L	K	L2	Insert	Code	Euro
8560.30.020	2	20	190	3	115	WPR 20		147.48
8580.34.025	2	25	215	4	135	WPR 25		202.83
8590.34.032	2	32	268	4	160	WPR 32		227.53

SPARES		
8560.30.020		1529
8580.34.025		1609
8590.34.032		1809
		5620
		5530
		5530

REFERENCE INSERT	l	s	d
WPR 20	-	3,00	20,00
WPR 25	-	4,00	25,00
WPR 32	-	5,00	32,00

Positive 11° clearance - Round insert.

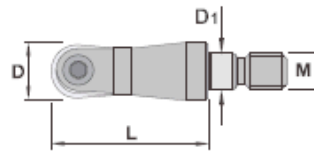
WPR





8530.-8540.-8550.00/.06

8560.-8580.00/.06

Indexable ball nose semi-finishing and finishing cutter



REFERENCE	z	D	L	M	D1	Insert	Code	Euro
8530.06.010	2	10	23	M6	6,5	WPR 10		118.13
8540.06.012	2	12	23	M6	6,5	WPR 12		118.13
8550.06.016	2	16	30	M8	8,5	WPR 16		118.13
8560.06.020	2	20	35	M10	10,5	WPR 20		126.60
8580.06.025	2	25	40	M12	12,5	WPR 25		154.73

SPARES		
8530.06.010		1359
8540.06.012		1509
8550.06.016		1519
8560.06.020		1529
8580.06.025		1609

REFERENCE INSERT	l	s	d
WPR 10		2,50	10,00
WPR 12		2,50	12,00
WPR 16		3,00	16,00
WPR 20	-	3,00	20,00
WPR 25	-	4,00	25,00

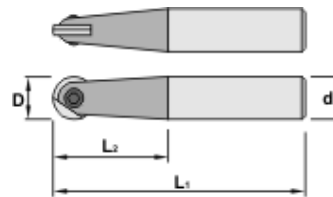
Positive 11° clearance - Round insert.





8830.-8840.-8850.00/.01

8860.-8890.00/.01

Indexable ball nose mirror finishing cutter



REFERENCE	z	D	L	L2	d	Insert	Code	Euro
8830.00.010	2	10	105	50	10	RPR 10		151.58
8840.00.012	2	12	105	50	12	RPR 12		140.38
8850.00.016	2	16	105	50	16	RPR 16		152.50
8860.00.020	2	20	125	70	20	RPR 20		159.08
8880.00.025	2	25	125	70	25	RPR 25		181.53
8890.00.032	2	32	125	70	32	RPR 32		203.05
8830.01.010	2	10	150	80	10	RPR 10		158.15
8840.01.012	2	12	160	90	12	RPR 12		146.90
8850.01.016	2	16	180	100	16	RPR 16		159.98
8860.01.020	2	20	200	120	20	RPR 20		167.45
8880.01.025	2	25	220	140	25	RPR 25		193.65
8890.01.032	2	32	250	160	32	RPR 32		217.08

SPARES		
8830...		1353
8840...		1354
8850...		1619
8860...		1629
8880...		1639
8890...		1649

REFERENCE INSERT	l	s	d
RPR 10	-	2,50	10,00
RPR 12	-	2,50	12,00
RPR 16	-	3,00	16,00
RPR 20	-	3,00	20,00
RPR 25	-	4,00	25,00
RPR 32	-	5,00	32,00

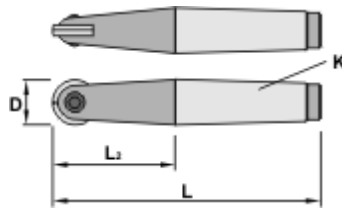
Positive 11° clearance - Round insert.






8860.30

8890.34 / 8890.34

Indexable ball nose mirror finishing cutter



REFERENCE	z	D	L	K	L2	Insert	Code	Euro
8860.30.020	2	20	190	3	115	RPR 20		186.20
8880.34.025	2	25	215	4	135	RPR 25		216.13
8890.34.032	2	32	268	4	160	RPR 32		259.23

SPARES		
8860...		1629
8880...		1639
8890...		1649

REFERENCE INSERT	l	s	d
RPR 20	-	3,00	20,00
RPR 25	-	4,00	25,00
RPR 32	-	5,00	32,00

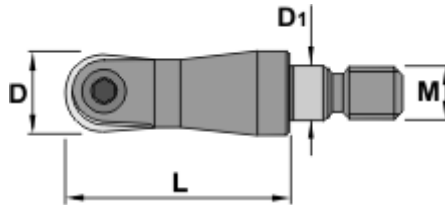
Positive 11° clearance - Round insert.








8830.-8840.-8850.06

8860.-8880.06

Indexable ball nose mirror finishing cutter



REFERENCE	z	D	L	M	D1	Insert	Code	Euro
8830.06.010	2	10	23	M6	6,5	RPR 10		156.28
8840.06.1230	2	12	23	M8	6,5	RPR 12		145.00
8850.06.016	2	16	30	M8	8,5	RPR 16		157.20
8860.06.020	2	20	30	M10	10,5	RPR 20		187.18
8880.06.025	2	25	35	M12	12,5	RPR 25		209.58

SPARES		
8830.06.010		1353
8840.06.012		1354
8850.06.016		1619
8860.06.020		1629
8880.06.025		1639

REFERENCE INSERT	l	s	d
RPR 10	-	2,50	10,00
RPR 12	-	2,50	12,00
RPR 16	-	3,00	16,00
RPR 20	-	3,00	20,00
RPR 25	-	4,00	25,00

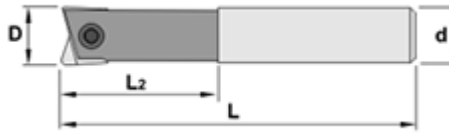
Positive 11° clearance - Round insert.





Toroidal cutters

8940.01 / 8950.01 8960.01 / 8980.01

Indexable back draft cutter



REFERENCE	z	D	L	d	L2	Insert	Code	Euro
8940.01.012	2	12	110	12	53	MTK 12		146.90
8950.01.016	2	16	125	16	63	MTK 16		
8960.01.020	2	20	140	20	75	MTK 20		
8980.01.025	2	25	180	25	90	MTK 25		193.65

SPARES		
8940.01.012	1354	5615
8950.01.016	1619	5620
8960.01.020	1629	5620
8980.01.025	1639	5530

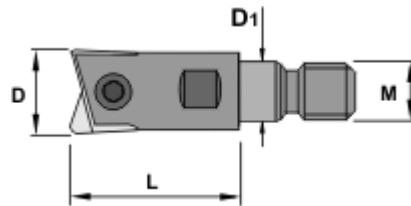
REFERENCE INSERT	l	s	d
MTK 12	12,00	-	1,00
MTK 16	16,00	-	1,30
MTK 20	20,00	-	1,60
MTK 25	25,00	-	2,00

Toroidal insert.





8930.-8940.-8950.06 8960.-8980.06

Indexable back draft cutter



REFERENCE	z	D	L	M	D1	Insert	Code	Euro
8930.06.010	2	10	23	M6	6,5	MTK 10		156.28
8940.06.012	2	12	23	M6	6,5	MTK 12		145.00
8950.06.016	2	16	30	M8	8,5	MTK 16		157,20
8960.06.020	2	20	30	M10	10,5	MTK 20		187,18
8980.06.025	2	25	35	M12	12,5	MTK 25		209.58

SPARES		
8930.06.010	1353	5515
8940.06.012	1354	5520
8950.06.016	1619	5520
8960.06.020	1629	5520
8980.06.025	1639	5530

REFERENCE INSERT	l	s	d
MTK 10	10,00	-	0,60
MTK 12	12,00	-	1,00
MTK 16	16,00	-	1,30
MTK 20	20,00	-	1,60
MTK 25	25,00	-	2,00

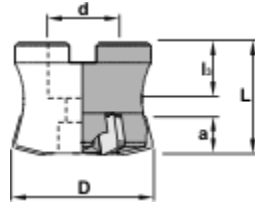
Toroidal insert.



High feed



1440.90

High feed positive milling cutter



REFERENCE	z	D	L	d	l3	a	Insert	Code	Euro
1440.90.050	5	50	40	22	20	9	SP.. 1203..		226,45
1440.90.063	5	63	50	27	22	9	SP.. 1203..		277,65
1440.90.080	6	80	50	32	25	9	SP.. 1203..		383,38
1440.90.100	7	100	50	40	25	9	SP.. 1203..		475,58

SPARES						
1440.90.050	6226	1266	1630	5615	3012	912,11
1440.90.063	6226	1266	1630	5615	3012	912,12
1440.90.080	6226	1266	1630	5615	3012	912,17
1440.90.100	6226	1266	1630	5615	3012	912,20



REFERENCE INSERT	l	s	d
SP.. 1203..	12,70	3,18	12,70
High feed insert.			
			


1635.00

High feed square insert cutter



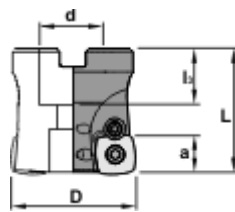
REFERENCE	z	D	L	L2	D1	a	Insert	Code	Euro
1635.00.020	2	20	110	35	20	13	XDKW 09T330		114,13
1635.00.025	2	25	110	35	25	13	XDKW 09T330		130,10
1635.00.032	3	32	125	35	32	13	XDKW 09T330		137,40

SPARES		
1635.00.020	1440	5515
1635.00.025	1240	5515
1635.00.032	1240	5515






REFERENCE INSERT	l	s	d
XDKW 09T330	9,00	3,97	9,00
High feed insert.			
			

1645.90

High feed square insert cutter



REFERENCE	z	D	L	d	l3	a	Insert	Code	Euro
1645.90.040	4	40	40	16	20	14	XDKW 120430		155,00
1645.90.050	5	50	40	22	22	14	XDKW 120430		165,03
1645.90.063	6	63	50	27	25	14	XDKW 120430		202,25
1645.90.080	7	80	50	27	25	14	XDKW 120430		279,30

SPARES					
1645.90.040	1240	5615	1240	2009	1058
1645.90.050	1240	5615	1240	2009	912,10
1645.90.063	1240	5615	1240	2009	912,12
1645.90.080	1240	5615	1240	2009	912,17

REFERENCE INSERT	l	s	d
XDKW 120430	12,50	4,76	12,50

High feed insert.

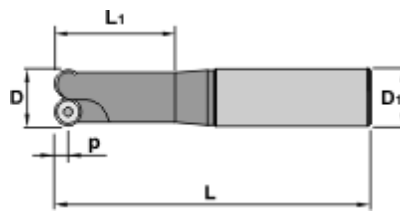
XDKW





Round Inserts

5525.-5535.-5545.00/.01 5555.01

Round insert end mills






REFERENCE	z	D	L	D1	L1	p	Insert	Code	Euro
5525.00.015	2	15	100	20	40	3,5	RD.. 0702M0		125.35
5525.01.015	2	15	150	20	40	3,5	RD.. 0702M0		156.50
5525.00.016	2	16	100	20	40	3,5	RD.. 0702M0		125.35
5525.01.016	2	16	150	20	40	3,5	RD.. 0702M0		156.50
5535.00.020	2	20	100	20	40	5,0	RD.. 1003M0		125.35
5535.01.020	2	20	150	20	40	5,0	RD.. 1003M0		156.50
5545.00.025	2	25	125	25	50	6,0	RD.. 12T3M0		149.15
5545.01.025	2	25	180	25	60	6,0	RD.. 12T3M0		172.68
5545.00.032	3	32	125	32	50	6,0	RD.. 12T3M0		158.05
5545.01.032	3	32	180	32	60	6,0	RD.. 12T3M0		184.40
5555.01.032	2	32	180	32	60	8,0	RD.. 1604M0		184.40

SPARES		
5525..	1425	5507
5535..	1435	5515
5545..	1435	5515
5555..	1445	5515

REFERENCE INSERT	l	s	d
RD.. 0702M0	-	2,38	7,00
RD.. 1003M0	-	3,18	10,00
RD.. 12T3M0	-	3,97	12,00
RD.. 1604M0	-	4,76	16,00

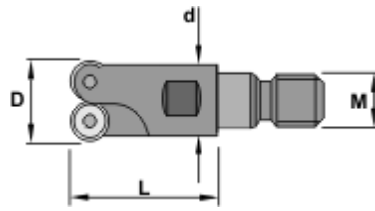
Positive 15° clearance - Round insert.

RDHW  RDMT  RDMW 


5525.06 / 5535.06

5545.06 / 5555.06

Round insert end mills



REFERENCE	z	D	L	D1	L1	Insert	Code	Euro
5525.06.016	2	16	23	M8	14	RD.. 0702..		129.10
5535.06.020	2	20	30	M10	18	RD.. 1003..		129.10
5535.06.025	3	25	35	M12	21	RD.. 1003..		152.85
5535.06.035	5	35	43	M16	29	RD.. 1003..		176.15
5545.06.032	3	32	43	M16	29	RD.. 12T3..		162.78
5545.06.035	4	35	43	M16	29	RD.. 12T3..		170.95
5545.06.042	4	42	43	M16	29	RD.. 12T3..		183.48
5545.06.042Z=5	5	42	43	M16	29	RD.. 12T3..		192.68
5555.06.032	2	32	43	M16	29	RD.. 1604..		187.50

SPARES		
5525..		5507
5535..	1425	5515
5545..	1435	5515
5555..	1435	5515

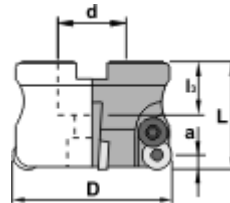
REFERENCE INSERT	l	s	d
RD.. 0702M0	-	2,38	7,00
RD.. 1003M0	-	3,18	10,00
RD.. 12T3M0	-	3,97	12,00
RD.. 1604M0	-	4,76	16,00

Positive 15° clearance - Round insert.



5545.90 / 5555.90

Round insert end mills



REFERENCE	z	D	L	d	l3	a	Insert	Code	Euro
5545.90.052	5	52	50	22	20	6	RD.. 12T3..		173.13
5545.90.066	6	66	50	27	22	6	RD.. 12T3..		223.60
5545.90.080	7	80	50	27	22	6	RD.. 12T3..		316.65
5555.90.052	4	52	50	22	20	8	RD.. 1604..		173.13
5555.90.066	5	66	50	27	22	8	RD.. 1604..		223.60
5555.90.080	6	80	50	27	22	8	RD.. 1604..		316.65
5555.90.100	7	100	55	32	25	8	RD.. 1604..		371.78
5555.90.125	8	125	55	40	30	8	RD.. 1604..		492.18
5555.90.160	9	160	55	40	30	8	RD.. 1604..		625.23

SPARES				
5545..		1235		2009
5555..	1245	2010		5615
				5620

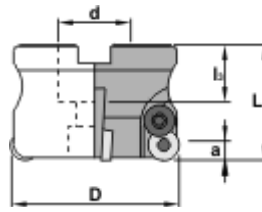
REFERENCE INSERT	l	s	d
RD.. 12T3M0	-	3,97	12,00
RD.. 1604M0	-	4,76	16,00

Positive 15° clearance - Round insert.









5549.90

Round insert end mills



REFERENCE	z	D	L	d	l3	a	Insert	Code	Euro
5549.90.040	3	40	40	16	18	6	RPM.. 1204M0		149,08
5549.90.050	4	50	40	22	20	6	RPM.. 1204M0		158,65
5549.90.063	5	63	50	27	22	6	RPM.. 1204M0		195,65
5549.90.080	6	80	50	32	25	6	RPM.. 1204M0		263,95
5549.90.100	7	100	50	40	30	6	RPM.. 1204M0		309,75
5549.90.125	7	125	63	40	30	6	RPM.. 1204M0		410,15
5549.90.160	8	160	63	40	30	6	RPM.. 1204M0		521,00

SPARES						 DIN 2079
5549.90.040	1025	5003	1240	5615	1058	-
5549.90.050	1025	5003	1240	5615	912,10	-
5549.90.063	1025	5003	1240	5615	912,12	-
5549.90.080	1025	5003	1240	5615	912,17	-
5549.90.100	1025	5003	1240	5615	912,20	-
5549.90.125	1025	5003	1240	5615	-	-
5549.90.160	1025	5003	1240	5615	912,52	40

REFERENCE INSERT	l	s	d
RPM.. 1204M0	-	4,76	12,00

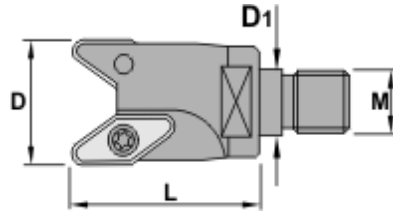
Positive 11° clearance - Round inserts.



Aluminium die cutting

0344.06

Aluminium die cutting



REFERENCE	z	D	L	M	D1	Insert	Code	Euro
0344.06.015	2	15	35	M8	8,5	VCGT 1103..		97,90
0344.06.020	2	20	35	M10	10,5	VCGT 1103..		113,13
0344.06.025	2	25	50	M12	12,5	VCGT 1604..		111,70
0344.06.032	2	32	50	M16	17,0	VCGT 2205..		117,93
0344.06.042	3	42	50	M16	17,0	VCGT 2205..		131,15

SPARES			
0344.06.015		1230	5507
0344.06.020		1230	5507
0344.06.025		1240	5515
0344.06.032		1250	5520
0344.06.042		1250	5520

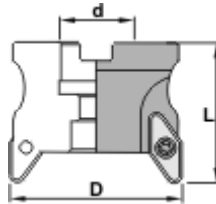
REFERENCE INSERT	l	s	d
VCGT 1103..	11,00	3,18	6,35
VCGT 1604..	16,50	4,76	9,52
VCGT 2205..	22,10	5,56	12,70

Positive 11° clearance - Round inserts.



0344.90

Aluminium die cutting

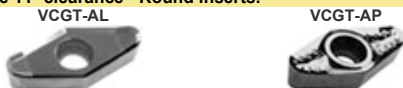


REFERENCE	z	D	d	L	Insert	Code	Euro
0344.90.042	3	42	16	55	VCGT 2205..		173,33
0344.90.052	3	52	22	M10	VCGT 2205..		176,45
0344.90.066	4	66	27	M12	VCGT 2205..		209,20
0344.90.080	5	80	27	M16	VCGT 2205..		271,58

SPARES			
0344.90.042		1250	5520
0344.90.052		1250	5520
0344.90.066		1250	5520
0344.90.080		1250	5520

REFERENCE INSERT	l	s	d
VCGT 2205..	22,10	5,56	12,70

Positive 11° clearance - Round inserts.

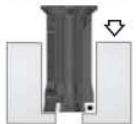



Tête à aléser

Adjustable boring bar

<p>6114.07 Adjustable boring bar</p>  <p>CC.. 0602.. TC.. 1102.. TC.. 16T3..</p> <p>Page 81</p>					
---	--	--	--	--	--

Special boring heads

<p>4334.07 Special boring head</p>  <p>Page 81</p> <p>CC.. 09T3..</p>	<p>4334.90 Special boring head</p>  <p>Page 82</p> <p>CC.. 09T3.. CC.. 1204..</p>				
---	---	--	--	--	--

Boring heads




<p>97.73 Boring head</p>  <p>Page 82</p>	<p>SCLC Tools for boring heads</p>  <p>Page 83</p> <p>CC.. 0602.. CC.. 09T3..</p>	<p>STFC Tools for boring heads</p>  <p>Page 83</p> <p>TC.. 0602.. TC.. 09T3.. TC.. 1604..</p>			
---	--	--	--	--	--

<p>6314.73 Roughing boring heads</p>  <p>Page 84</p> <p>CC.. 0602.. CC.. 09T3.. CC.. 1204..</p>	<p>6344.73 Roughing boring heads</p>  <p>Page 84</p> <p>CC.. 1204..</p>	<p>6414.73 Finishing boring heads</p>  <p>Page 85</p> <p>CC.. 0602.. CC.. 09T3.. CC.. 1204..</p>	<p>6444.73 Finishing boring heads</p>  <p>Page 85</p> <p>CC.. 1204..</p>	<p>6634.73 Finishing boring heads</p>  <p>Page 86</p> <p>TC.. 16T3..</p>	<p>6634.73 Finishing boring heads</p>  <p>Page 86</p> <p>TC.. 16T3..</p>
---	---	--	--	--	--

Arbors for boring heads

<p>60.43 DIN 2080 Arbors for boring heads</p>  <p>Page 87</p>	<p>60.47 DIN 69871/A Arbors for boring heads</p>  <p>Page 87</p>	<p>60.48 MAS BT Arbors for boring heads</p>  <p>Page 87</p>	<p>60.62 Arbors for boring heads</p>  <p>Page 88</p>	<p>60.73 Arbors for boring heads</p>  <p>Page 88</p>	
---	--	---	---	--	--

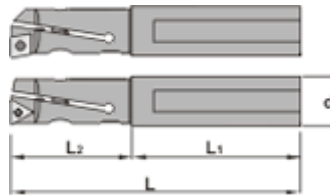
Sets

<p>SET 97</p>  <p>Page 89</p>	<p>SET 7072</p>  <p>Page 89</p>	<p>SET 7074</p>  <p>Page 89</p>			
---	---	---	--	--	--

Adjustable boring bar

6114.07

Adjustable boring bar



REFERENCE	L	L1	L2	d	Dmin	Dmax	Insert size	Code	Euro
6114.07.012	105	70	35	12	12	15	CC.. 0602..		138,15
6114.07.015	110	60	50	16	15	20	CC.. 0602..		147,00
6114.07.020	120	60	60	20	20	25	TC.. 1102..		151,50
6114.07.025	140	70	70	25	25	30	TC.. 16T3..		155,93
6114.07.030	160	70	90	25	30	35	TC.. 16T3..		164,83

ACCESSORIES							
6114.07.012	1550	1503	1425	-	5520	5507	
6114.07.015	1261	1504	1425	-	5525	5507	
6114.07.020	1182	1515	1225	1505	5525	5507	
6114.07.025	1182	1517	1240	1515	5005	5515	
6114.07.030	1182	1517	1240	1515	5006	5515	

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

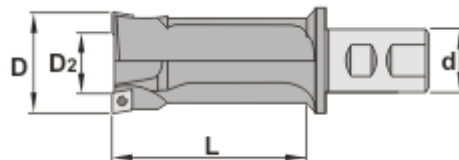
Positive 7° clearance - Triangular inserts.



Special boring heads

4334.07

Roughing boring head

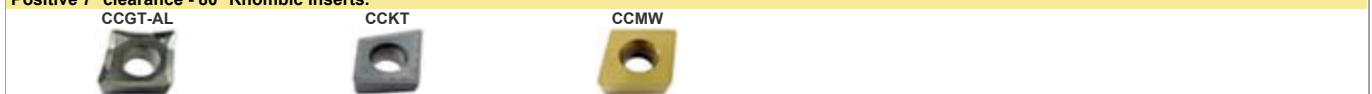


REFERENCE	Z	D	D2	d	L	Insert size	Code	Euro
4334.07.040	3	40	20	25	105	CC.. 09T3..		574,30
4334.07.045	3	45	25	25	105	CC.. 09T3..		574,30
4334.07.050	3	50	30	25	105	CC.. 09T3..		574,30
4334.07.055	3	55	35	25	105	CC.. 09T3..		574,30

ACCESSORIES		
4334.07..	1250	5615

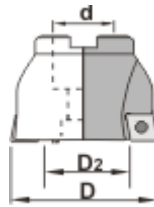
REFERENCE INSERT	l	s	d
CC.. 09T3..	9,65	3,97	9,52

Positive 7° clearance - 80° Rhombic inserts.





4334.90

Roughing boring head




REFERENCE	Z	D	D2	d	Insert size	Code	Euro
4334.90.060	3	60	40	16	CC.. 09T3..		550,45
4334.90.065	3	65	45	22	CC.. 09T3..		561,55
4334.90.070	3	70	50	22	CC.. 09T3..		574,30
4334.90.075	3	75	55	27	CC.. 1204..		574,30
4334.90.080	3	80	60	27	CC.. 1204..		609,45
4334.90.085	3	85	65	32	CC.. 1204..		631,78
4334.90.090	3	90	70	32	CC.. 1204..		681,28
4334.90.095	3	95	75	32	CC.. 1204..		695,65
4334.90.100	3	100	80	32	CC.. 1204..		730,73
4334.90.105	3	105	85	40	CC.. 1204..		740,25
4334.90.110	3	110	90	40	CC.. 1204..		757,75
4334.90.115	3	115	95	40	CC.. 1204..		832,85
4334.90.120	3	120	100	40	CC.. 1204..		915,80
4334.90.125	3	125	105	40	CC.. 1204..		931,75
4334.90.130	3	130	110	40	CC.. 1204..		1084,85
4334.90.135	3	135	115	40	CC.. 1204..		1139,10
4334.90.140	3	140	120	40	CC.. 1204..		1196,50
4334.90.145	3	145	125	40	CC.. 1204..		1260,30
4334.90.150	3	150	130	40	CC.. 1204..		1330,50
4334.90.155	3	155	135	40	CC.. 1204..		1395,93

ACCESSORIES		
4334.90.060 - 4334.90.070	1240	5615
4334.90..	150	5620


REFERENCE INSERT	l	s	d
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° Rhombic inserts.


CCGT-AL



CCKT



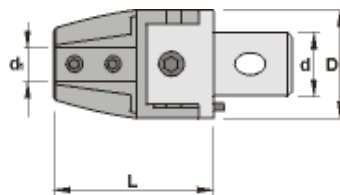
CCMW



Boring heads

97.71/ 72/.73

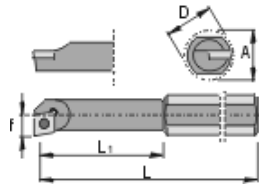
Finishing boring heads





REF	D	L	d	d1	Ømin	Ømax	Code	Euro
97.71.08	27	50	15	8	10	21		
97.72.08	32	58	20	8	10	21		
97.72.10	32	58	20	10	13	25		
97.73.10	42	70	24	10	13	29		
97.73.12	42	70	24	12	16	34		
97.73.16	42	70	24	16	20	38		




SCLC

Tool for boring heads



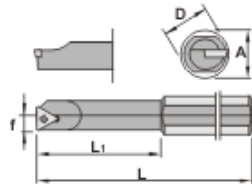
REF	D	L	L1	f	min Bore Range	max Bore Range	Code	Euro
S0816F SCLC R 06	16	80	35	4	10	28		93.63
S1016G SCLC R 06	16	90	45	6	13	31		93.63
S1216H SCLC R 06	16	100	57	7	16	34		93.63
S1616I SCLC R 09	16	110	73	9	20	38		111.90

REF		
S0816F SCLC R 06		
S1016G SCLC R 06	1425	5507
S1216H SCLC R 06	1425	5507
S1616I SCLC R 09	1440	5515



REFERENCE INSERT	I	s	d
CC.. 0602..	6.45	2.38	6.35
CC.. 09T3..	9.65	3.97	9.52
Positive 7° clearance - 80° rhombic inserts.			
CCGT-AL	CCMT-03	CCMW	
			




STFC

Tool for boring heads



REF	D	L	L1	f	min Bore Range	max Bore Range	Code	Euro
S0816F STFC R 09	16	80	35	5	10	28		93.63
S1016G STFC R 09	16	90	45	6	13	31		93.63
S1216H STFC R 09	16	100	57	7	16	34		93.63
S1616I STFC R 09	16	110	73	9	20	38		111.90
S1616I STFC R 16	16	110	73	11	20	38		111.90

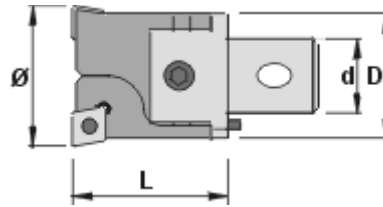
REF		
S0816F STFC R 09		
S1016G STFC R 09	1222	5506
S1616I STFC R 09	1222	5506
S1616I STFC R 16	1425	5515

REFERENCE INSERT	I	s	d
TC.. 0902..	9.62	2.38	5.55
TC.. 16T3..	16.50	3.97	9.52
Positive 7° clearance - Triangular inserts.			
TCGT-AL	TCMT-03	TCMT-39	TCMW
			





6314.70 - 6334.71/.72

6344.73/74

Roughing boring heads



REF	D	L	d	Ømin	Ømax	Code	Euro
6314.70.2430	22	34	12	24	30		
6334.71.2940	27	42	15	29	40		
6334.72.3950	32	45	20	39	50		
6344.73.4965	42	56	24	49	65		
6344.74.6382	54	56	28	63	82		

REF				
6314.70.2430	1425	5607	5003	5002
6334.71.2940	1240	5615	5004	5002
6334.72.3950	1240	5615	5004	5025
6344.73.4965	1250	5620	5005	5003
6344.74.6382	1250	5620	5006	5003

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

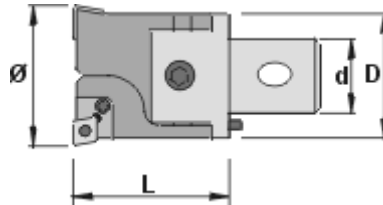
CCMT-03

CCMW








6344.7_

Roughing boring heads



REF	D	L	d	Ømin	Ømax	Code	Euro
6344.75.080102	68	86	36	80	102		
6344.76.100125	85	100	50	100	125		
6344.77.125160	110	100	60	125	160		
6344.77.160220	145	100	60	160	220		

REF					
6344.75.080102	1250	5620	5508	5004	6412
6344.76.100125	1250	5620	5508	5005	6412
6344.77.125160	1250	5620	5508	5005	6412
6344.77.160220	1250	5620	5508	5005	6412

REFERENCE INSERT	l	s	d
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

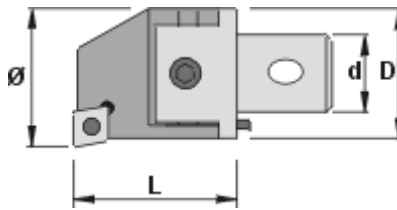
CCMT-03

CCMW







6414.70 - 6434.71/72 6444.73/74

Finishing boring heads



REF	D1	L	d	Ømin	Ømax	Code	Euro
6414.70.2430	22	34	12	24	30		
6434.71.2940	27	42	15	29	40		
6434.72.3950	32	45	20	39	50		
6444.73.4965	42	56	24	49	65		
6444.74.6382	54	56	28	63	82		

REF				
6414.70.2430	1425	5607	5003	5002
6434.71.2940	1240	5615	5004	5002
6434.72.3950	1240	5615	5004	5025
6444.73.4965	1250	5620	5005	5003
6444.74.6382	1250	5620	5006	5003

REFERENCE INSERT	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCMT-03

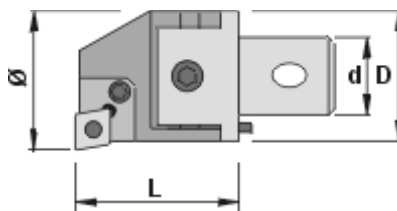


CCMW








6444.75/76/77

Finishing boring heads



REF	D1	L	d	Ømin	Ømax	Code	Euro
6444.75.080102	68	86	36	80	102		
6444.76.100125	85	100	50	100	125		
6444.77.125160	110	100	60	125	160		
6444.77.160220	145	100	60	160	220		

REF					
6444.75.080102	1250	5620	5508	5004	6412
6444.76.100125	1250	5620	5508	5005	6412
6444.77.125160	1250	5620	5508	5005	6412
6444.77.160220	1250	5620	5508	5005	6412

REFERENCE INSERT	l	s	d
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCMT-03

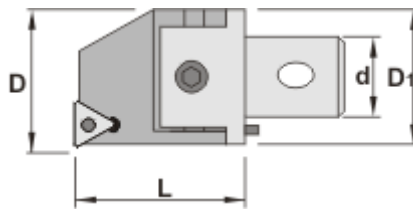


CCMW







6634.72 - 6634.74

Finishing boring heads



REF	D1	L	d	Ømin	Ømax	Code	Euro
6634.72.3950	32	45	20	39	50		
6634.73.4965	42	56	24	49	65		
6634.74.6382	54	66	28	63	82		

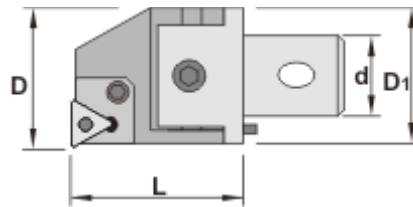
REF				
6634.72.3950	1240	5615	5004	5025
6634.73.4965	1250	5620	5005	5003
6634.74.6382	1250	5620	5006	5003

REFERENCE INSERT	l	s	d
TC.. 16T3..	16,50	3,97	9,52






Positive 7° clearance - Triangular inserts			
TCGT-AL	TCMT-03	TCMT-39	TCMW
			

6634.75 - 6634.77

Finishing boring heads



REF	D1	L	d	Ømin	Ømax	Code	Euro
6634.75.080102	68	86	36	80	102		
6634.76.100125	85	100	50	100	125		
6634.77.125160	110	100	60	125	160		
6634.77.160220	145	100	60	160	220		

REF					
6634.75.080102	1250	5620	5508	5004	6412
6634.76.100125	1250	5620	5508	5005	6412
6634.77.125160	1250	5620	5508	5005	6412
6634.77.160220	1250	5620	5508	5005	6412

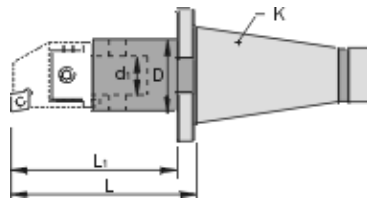
REFERENCE INSERT	l	s	d
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts			
TCGT-AL	TCMT-03	TCMT-39	TCMW
			

Arbors for boring heads

60.43/44/45

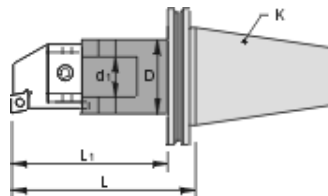
Arbors for boring heads
DIN 2080



REF	K	D	L	L1	d1	Code	Euro
60.43.70.100	30	22	115	100	12		
60.43.71.100	30	27	115	100	15		
60.43.72.100	30	32	115	100	20		
60.44.70.100	40	22	115	100	12		
60.44.71.100	40	27	115	100	15		
60.44.72.100	40	32	115	100	20		
60.44.73.160	40	42	175	160	24		
60.44.74.160	40	54	175	160	28		
60.44.75.160	40	68	176	160	36		
60.45.70.100	50	22	119	100	12		
60.45.71.100	50	27	119	100	15		
60.45.72.130	50	32	149	130	20		
60.45.73.160	50	42	179	160	24		
60.45.74.160	50	54	179	160	28		
60.45.75.200	50	68	220	200	36		
60.45.76.200	50	85	221	200	50		
60.45.77.260	50	100	281	260	60		

60.47/48

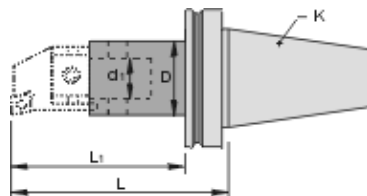
Arbors for boring heads
DIN 69871/A



REF	K	D	L	L1	d1	Code	Euro
60.47.70.100	40	22	115	100	12		
60.47.71.100	40	27	115	100	15		
60.47.72.100	40	32	115	100	20		
60.47.73.160	40	42	175	160	24		
60.47.74.160	40	54	175	160	28		
60.47.75.160	40	68	176	160	36		
60.48.70.100	50	22	119	100	12		
60.48.71.100	50	27	119	100	15		
60.48.72.130	50	34	149	130	20		
60.48.73.160	50	42	179	160	24		
60.48.74.160	50	54	179	160	28		
60.48.75.200	50	68	220	200	36		
60.48.76.200	50	85	221	200	50		
60.48.77.260	50	100	281	260	60		

60.49/50

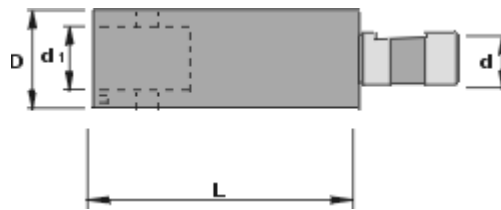
Arbors for boring heads
MAS BT



REF	K	D	L	L1	d1	Code	Euro
60.49.70.100	40	22	115	100	12		
60.49.71.100	40	27	115	100	15		
60.49.72.100	40	32	115	100	20		
60.49.73.160	40	42	175	160	24		
60.49.74.160	40	54	175	160	28		
60.49.75.160	40	68	176	160	36		
60.50.70.100	50	22	119	100	12		
60.50.71.100	50	27	119	100	15		
60.50.72.130	50	32	149	130	20		
60.50.73.160	50	42	179	160	24		
60.50.75.200	50	68	220	200	36		
60.50.76.200	50	85	221	200	50		
60.50.77.260	50	100	281	260	60		

60.62/63/64

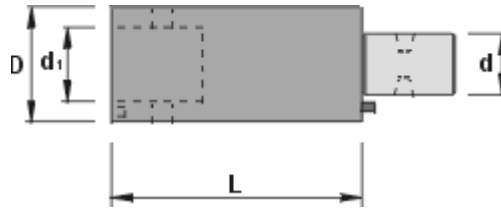
Arbors for boring heads



REF	D	d	L	d1	Code	Euro
60.62.70	22	20	20	12		
60.62.71	27	20	30	15		
60.63.70	22	20	30	12		
60.63.71	27	20	45	15		
60.63.72	32	25	35	20		
60.64.70	22	20	52	12		
60.64.71	27	20	52	15		
60.64.72	32	20	52	20		
60.64.73	42	25	60	24		

60.70/71/72/73

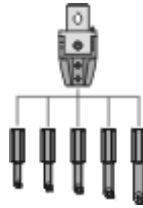
Arbors for boring heads



REF	D	d	L	d1	Code	Euro
60.70.20	22	12	20	12		
60.70.30	22	12	30	12		
60.71.30	27	15	30	15		
60.71.45	27	15	45	15		
60.72.35	32	20	35	20		
60.72.52	32	20	52	20		
60.73.40	42	24	40	24		
60.73.60	42	24	60	24		

SET 97

Roughing boring heads



REFERENCE	Boring head	Boring bars	Bore Range min	Bore Range max	Code	Euro
97.SCLC	97.73.16	S0816F SCLC R 06	10	28		
		S1016G SCLC R 06	13	31		
		S1216H SCLC R 06	16	34		
		S1616I SCLC R 09	20	38		
97.STFC	97.73.16	S08016F STFC R 09	10	28		
		S1016G STFC R 09	13	31		
		S1216H STFC R 09	16	34		
		S1616I STFC R 09	20	38		
		S1616I STFC R 16	20	38		

SET 7072

Roughing and finishing boring heads



REFERENCE	Roughinh boring head	Finishing boring head	Boring head	Boring bars	Bore Range min	Bore Range max	Code	Euro
SET 7072	6314.70.2430	6414.70.2430	97.73.16	S0816F SCLC R 06	10	28		5741.63
	6334.71.2940	6434.71.2940		S1016G SCLC R 06		13		
	6334.72.3950	6434.72.3950		S1216H SCLC R 06	16	34		
					20	38		
				S1616I SCLC R 09				

SET 7074

Roughing and finishing boring heads



REFERENCE	Roughinh boring head	Finishing boring head	Boring head	Boring bars	Bore Range min	Bore Range max	Code	Euro
SET 7074	6314.70.2430	6414.70.2430	97.73.16	S0816F SCLC R 06	10	28		9559.95
	6334.71.2940	6434.71.2940		S1016G SCLC R 06		13		
	6334.72.3950	6434.72.3950		S1216H SCLC R 06	16	34		
	6344.73.4965	6444.73.4965				38		
	6344.74.6382	6444.74.6382			20			
				S1616I SCLC R 09				

PIECES DETACHEES

Réf	€	Réf	€	Réf	€	Réf	€				
0009	107009	0.78	1161		2.70	1350	107063	2.23	1586		9,55
0012	107012	0.78	1166	107033	2.15	1353		9.35	1592		5,20
0015	107015	0.78	1180		2.15	1354		9.35	1594		5,20
0019	107017	0.78	1182		4.13	1359		8.05	1605	107076	1.98
0025		1.23	1185		2.15	1360		2.70	1606	107077	1.98
1004	107021	1.27	1186		2.15	1388		2.75	1608	107078	1.98
1005	107022	1.27	1188	107034	2.15	1393	107061	1.08	1609		9.35
1005L		1.28	1190		2.65	1394	107007	1.08	1610	107079	1.80
1006	107023	1.40	1192		4.13	1396		1.08	1612	107080	2.70
1006L	107020	1.40	1193	107035	1.08	1403		4.90	1614	107110	1.98
1008	107024	1.68	1194	107036	1.93	1404		4.20	1618	107121	1.80
1008L		1.68	1195		1.08	1405		4.90	1619		10.00
1016	107025	1.40	1196		1.08	1406		5.93	1622		3.23
1016L		1.40	1198		2.65	1408		6.00	1625	107124	2.15
1025		2.38	1208		2.03	1420		4.13	1626	107125	1.98
1026		4.15	1210			1422		4.13	1628	107122	1.98
1036		4.15	1211		7.50	1425	107054	1.80	1629		10.00
1040		2.70	1212		6.55	1430	107064	2.23	1630	107082	1.85
1048L		5.83	1216		7.60	1435		2.63	1635	107126	2.15
1056		4.60	1218		2.15	1440	107056	1.93	1638	107127	1.80
1057		5.05	1220	107041	2.30	1445		3.43	1640	107128	2.15
1058	107026	1.68	1222	107042	1.80	1450	107057	2.23	1642	107140	1.98
1059		11.05	1225	107043	1.80	1455		3,70	1643		1,98
1066	107027	2.15	1226		5.90	1460		3,65	1644		1,98
1075		1.58	1230	107044	2.03	1466		2,15	1645	107141	1.98
1076		1.68	1235	107040	2.15	1488		2,65	1646	107142	1.98
1077		2.15	1240	107045	1.93	1494		1,08	1647		1.98
1078		2.48	1244		2.65	1495		1,58	1648	107143	1.98
1085		2.15	1245	107046	1.93	1503		2,03	1650		2.70
1086	107008	2.15	1250	107047	2.23	1504	107072	1,13	1655		2.70
1088	107028	2.15	1255		5.90	1505	107073	1,13	1656	107065	6.18
1090		2,65	1260		2.70	1506		1,13	1658		5.10
1093	107037	1,08	1261		2.70	1508		2,03	1660	107144	1.98
1094	107029	1,08	1266	107048	2.15	1509		8,05	1661	107146	1.98
1095		1,08	1291		1.98	1510		2,03	1662	107145	1.98
1096	107030	1,08	1294	107051	1.93	1512		2,03	1663	107149	1.98
1098		2,60	1295	107050	2.13	1515		1.13	1665	107002	6.18
1108	107031	2.15	1296		1.08	1516		4.05	1666		6,05
1110		0.25	1297		2.18	1519		8.05	1667		2,70
1112		0.78	1306		5,78	1524		4,05	1668		6,18
1116			1308		5,78	1529		8,05	1669		9,35
1118		17.83	1310		6,35	1530		2,98	1670		3,33
1120		17.83	1312		6,93	1535		5.90	1671		3,33
1135		1.93	1316		5.05	1540	107074	1.93	1672		9,10
1140		3.05	1320		6.28	1550	107075	2.23	1676		4,53
1150		2.70	1334		1.93	1580		5,28	1677		6,45
1156		2.15	1335	107058	1.93	1582		9,55	1678		6,18
1160	107032	2.70	1340	107052	1.93	1584		9,55	1679		6,18

1680		3.33	2006	107212	8,50	2313		10.15	3008	107320	5.35
1681	107147	3.33	2007		8,50	2315		10.15	3010	107321	5.70
1682		3.33	2008	107202	8,50	2316	107236	7.88	3012	107322	5.70
1686		2.70	2009	107203	1,63	2319		10.60	3013	107310	5.70
1705	107161	1.80	2010	107204	1,63	2326	107237	7.88	3016	107323	5.70
1706	107162	1.80	2011	107199	8,50	2336		10,43	3018	107315	5.70
1708	107163	1.98	2012		10,15	2338		12,30	3020		5,70
1710		2.38	2013		10,15	2407	107261	8,50	3022	107324	5,70
1715		2.70	2014	107201	10,15	2409	107262	8,50	3109		5,60
1735	107165	2.03	2015		10,15	2410		11,55	3112	107332	5,10
1740		1.93	2016	107205	10,15	2411		10,15	3115		14,40
1745	107083	2.00	2017	107198	9,90	2413		11,55	3116	107341	5,98
1750	107085	2.85	2018		9,90	2414		10,15	3119	107333	14,40
1760		4.18	2019		10,15	2415		10,15	3122	107342	8,20
1765		5.58	2022	107206	12,08	2416		10,15	3126R		9,48
1788		2.25	2023		12,08	2417		11,55	3132L		11,03
1801		1.68	2024	107213	12,08	2424		10,15	3132R		11,03
1802		2.88	2025		12,08	2428		12,18	3212		5,70
1803		1,98	2026		12,08	2432		12,18	3213		16,30
1804		1,98	2027		12,08	2471		10,15	3216	107362	5,70
1805		2,88	2028		12,08	2509	107264	8,50	3222	107363	5,70
1806		2,15	2029		12,08	2511	107265	10,15	3226	107364	6,85
1808		2,23	2051		8,90	2513		11,43	3236	107365	6,85
1809		9,35	2054	107207	1,63	2516		8,50	3414	107371	4,30
1810		2,33	2063	107211	1,63	2519		8,50	3416	107373	4,30
1813		1,98	2064	107208	1,63	2522		10,15	3420		16,30
1814		3,38	2066	107209	1,63	2527		11,43	3421		22,53
1816		2,48	2087		1,63	2601		6,40	3421L		34,60
1825		2,88	2088	107210	1,63	2602		7,58	3422	107374	5,98
1826		2,88	2101		6,40	2604		7,58	3424	107372	8,55
1835		2,03	2102		6,75	2605		7,58	3424-1°		14,28
1840		2,85	2105		7,85	2612		7,58	3424+1°		14,28
1845	107185	2,03	2107	107221	8,50	2613		7,58	3424-2°		14,28
1846	107003	2,03	2109	107222	8,50	2614		7,58	3424+2°		14,28
1847		2,28	2114		20,95	2616		7,58	3424-3°		14,28
1888	107049	2,15	2119	107228	8,50	2620	107270	7,58	3424+3°		14,28
1890		2,70	2135		8,50	2621		7,58	3425		8,55
1905		1,28	2136		8,50	2623		7,58	3425-1°		14,28
1906		1,40	2142		8,50	2624		7,58	3425+1°		14,28
1907	107190	1,98	2143		7,28	2625		7,58	3425-2°		14,28
1908		1,68	2207	107223	8,50	2631		7,58	3425+2°		14,28
1915		1,98	2209	107224	8,50	2722		10,25	3425-3°		14,28
1916		1,40	2211	107225	10,15	2727		10,25	3425+3°		14,28
1935		2,03	2213		10,15	2803		0,78	3426L		8,55
1936		2,23	2304	107230	8,75	2804		0,78	3426R	107381	8,55
1937		2,80	2305	107231	10,15	2806		0,78	3427		10,88
1938		3,40	2306	107232	10,43	2808		0,78	3430		16,18
1940		1,98	2307		8,50	2810		0,78	3431		16,18
1950		2,53	2308		7,80	3004		3,50	3432L		9,48
1955		3,40	2309	107234	8,50	3005		5,35	3432R	107382	9,48
2000	107200	9,60	2312	107235	7,80	3006		5,35	3433	107376	14,83
						3007	107318	5,35	3437L		9,85

3437R	107383	9.85	4002	107510	0,38	5517		6.33	6111	107756	5.70
3509	107410	3,83	4003		0,78	5520	107615	5,23	6226		13.68
3511		5,18	4012	107512	0,78	5525		5,70	6230		84.40
3512	107411	5,18	4013		0,78	5606		4.30	6240		84.40
3514		5,18	4016	107513	0.78	5607	107621	4.22	6245		84.40
3515		8,88	4022	107514	0.78	5608	107622	4.68	6432		13.00
3519	107414	9,90	4027		0.78	5609	107623	4.58	6432L		5,70
3521		14,83	4050		2.15	5610		4.73	6433		5,70
3522		7,25	4109	107531	0.55	5615	107625	5.25	6434		5,70
3525	107413	23,65	4110	107532	0.65	5620	107626	6.13	6435		5,70
3532		16,20	4112	107533	0.65	5625		6.85	6436		5,70
3571		26.08	4115	107534	0.65	5720		10.75	6437		5,70
3609		4.73	4116	107535	0.78	5732		2.53	6437L		5,70
3612	107431	5.17	4119	107536	0.93	5733		3.00	6438		5,70
3614	107430	5.17	4125		0.93	6001	107710	5.70	6438L		5,70
3616	107432	7.82	4129	107538	0.83	6001L		5.70	6439		5,70
3619	107433	12.13	4133	107541	0.93	6002	107711	5.70	6439L		5,70
3622		8.88	4135		1.50	6002L		5.70	6440		5,70
3625		25.38	4201		3.38	6003	107712	5.70	6440L		5,70
3632		8.88	4202	107551	1.68	6004		5.70	6488		5,70
3710		12.78	4203	107552	1.68	6005	107714	5.70	6488L		5,70
3711	107451	4.53	4204	107553	1.68	6006		5.70	6489		5,70
3712	107461	17.83	4294		0.73	6007	107716	5.70	6489L		5,70
3713		17.83	4295	107560	0.72	6007L		5.70	6490		5,70
3714	107474	4.53	4325		1.13	6008	107717	5.70	6491		5,70
3715	107475	5.10	4332		1.13	6008L		5.70	6512	107761	20.55
3716		5.93	4340		1.13	6010	107720	5.70	6512L	107760	41.13
3718	107478	5.93	4350		2.03	6011	107721	5.70	6513	107762	20.55
3719		17.83	5002	107581	0.93	6013	107722	5.70	6513L		41,13
3720		6.48	5003	107582	0.98	6027	107730	5.70	6514		20,55
3722		8.88	5004	107583	1.13	6027L		5.70	6514L		41,13
3723		25,28	5005	107584	1.40	6028	107731	5.70	6515		20,55
3725		7.45	5006		1.40	6028L		5.70	6515L		41,13
3736		22.23	5015	107586	0.93	6031	107740	5.70	6516		20,55
3809		5,93	5025	107587	0.93	6031L		5.70	6516L		41,13
3810	107481	3.55	5100		0,93	6032	107741	5.70	6518	107767	20,55
3811	107319	3.55	5102		0,98	6032L		5.70	6518L		41,13
3812	107482	4.10	5103		0,98	6033	107742	5.70	6520		20,55
3813		28,83	5124		0.93	6033L		5.70	6520L		41,13
3814		4,10	5126		1.40	6034		5.70	6522		20,55
3816	107483	7,58	5135		1.40	6034L		5.70	6522L		41,13
3817		28,83	5201		42.40	6035		5.70	6526	107770	20,55
3819		31,58	5204		10.53	6035L		5.70	6526L		41,13
3820		10,58	5205		10.73	6036		5.70	6527		20,55
3822		18,73	5506	107610	3.70	6037		5.70	6527L		41,13
3825		19,38	5507	107611	3.75	6044		5.70	6542		20,55
3832		22.35	5508	107612	3.83	6088	107752	5.70	6542L		41,13
3909		3,50	5509	107616	4.00	6088L		5.70	6560	107773	13.67
3912		4,40	5510	107613	4.10	6101		5.70	6561	107774	13.67
3915		8,13	5515	107614	4.55	6103	107754	5.70	6562	107775	13.67
3919		9,58	5516	107617	5.42	6110	107755	5.70	6563	107777	13.67
3925		20,28							6564	107776	15.63

6565	107778	15,63	8219	107923	10,15	ICSN-633	13,90	NL-810	14,28
6612	107779	20,55	8312	107931	6,25	ICSN-846	10,18	S-34	4,98
6612L		41,13	8415	107941	7,45	IDSN-322	6,20	S-46	4,98
6614	107780	20,55	9009		7,45	IDSN-432	7,30	S-58	6,95
6614L		41,13	9011	107961	7,45	IDSN-434	7,30	S-68	7,63
6622		20,55	9012	107951	8,05	IDSN-442	7,30	SA3	1,70
6622L		41,13	9016	107962	8,05	IDSN-533	9,05	SA3T	1,93
6712		20,55	9019	107963	9,35	IESN-432	18,78	SA4	1,93
6712L		41,13	9022		9,35	IRSN-43	8,98	SA5	3,68
6748		84,40	9109		7,45	IRSN-44	10,88	SD-1	2,03
6806		84,40	9111	107964	7,45	IRSN-45	12,78	SN3	2,50
6816		84,40	9112		8,05	IRSN-53	10,88	SN4	2,68
6845		84,40	9116	107965	8,05	IRSN-63	11,65	SY3	1,70
6846		84,40	9119	107969	9,35	IRSN-84	21,83	SY4	1,93
6912		20,55	912.08		2,15	ISSN-322	5,98	SY5	3,68
6912L		41,13	912.10	107066	2,63	ISSN-432	6,38	TF-146	11,28
6913		20,55	912.11		2,63	ISSN-434	6,38	TF-147	11,28
6914		20,23	912.12	107053	2,15	ISSN-442	5,78	TF-72	10,20
6914L		41,13	912.16	107055	2,15	ISSN-454	6,53	TF-73	11,28
6915		20,55	912.17		4,05	ISSN-533	8,88	TF-74	11,28
6915L		41,13	9122		9,35	ISSN-534	8,88	TF-75	11,28
6918		20,55	912.20	107069	7,13	ISSN-633	9,90	XNS-34	3,18
6918L		41,13	912.52	107059	2,15	ISSN-846	15,25	XNS-36	3,18
6920		20,55	912.56	107060	2,15	ITSN-322	4,30	XNS-47	3,18
6921		55,83	9216		7,23	ITSN-324	4,30	XNS-48	3,18
6925		55,83	9222		9,35	ITSN-342	21,70	XNS-510	3,18
6926		55,83	9312		10,15	ITSN-433	6,85	XNS-58	3,18
6927		20,55	9313		9,35	ITSN-533	10,88	YE5	28,05
6935		55,83	9316		12,10	ITSN-637	14,83	YI5	28,05
6942		20,55	9322		13,93	IVSN-322	8,63		
6944		55,83	9412		5,40	IVSN-342	16,88		
8005		4,50	9413		6,38	IVSN-432	9,10		
8009		6,60	9414		8,05	IWSN- ---	4,03		
8012		6,85	9416		12,10	IWSN- --- 107801	5,35		
8015		9,03	9509		8,38	NL-23	5,65		
8016	107906	6,65	9512		8,98	NL-33	5,65		
8019	107907	10,15	9519		10,25	NL-33L	5,65		
8025		11,18	9609	107989	8,38	NL-34	5,65		
8100		8,50	9612		8,98	NL-34L	5,65		
8101		8,50	9619		10,25	NL-43	6,13		
8110	107909	6,85	CL-12		7,58	NL-44	6,13		
8112	107910	6,85	CL-20		7,58	NL-46	6,13		
8116	107911	8,38	CL-22		10,65	NL-46L	6,13		
8120		8,38	CL-30		10,65	NL-46S	6,13		
8125		10,15	CL-6		6,55	NL-56	6,13		
8132		13,68	CL-7		6,55	NL-58	6,13		
8211		6,85	ICSN-422		6,38	NL-66	6,13		
8212	107921	6,85	ICSN-432	107800	6,38	NL-66L	6,13		
8216	107922	6,60	ICSN-434		6,38	NL-68	6,13		
			ICSN-454		6,53	NL-68L	6,95		
			ICSN-533		7,83				

Les conditions ci-dessous sont censées être connues de l'acheteur et toute commande implique leur acceptation.

CATALOGUES

Les photographies incluses dans les catalogues ne sont pas contractuelles.

Sans modifier les caractéristiques essentielles ou de fonctionnement, nous nous réservons le droit de modifier les dimensions ou le poids etc... des articles.

Les délais éventuellement indiqués sont sous réserve des stocks disponibles.

PRIX

Les prix indiqués sont HT en **EUROS** et sont appliqués en l'absence de conditions particulières de vente.

DELAIS DE LIVRAISON

Les délais de livraison sont donnés aussi exactement que possible mais sont en fonction des possibilités d'approvisionnement.

Les dépassements du délai de livraison ne peuvent donner lieu ni à dommages-intérêts, ni à retenue.

PORT

Les prix sont départ nos magasins en l'absence de conditions générales dérogatoires concernant ce sujet ou mention dans les conditions particulières de vente.

LIVRAISON

La livraison ne peut se faire que si l'acheteur est à jour de ses obligations envers le vendeur.

La livraison est effective dès la prise en charge par le transporteur.

Quel que soit le mode d'expédition, y compris les expéditions franco, le matériel voyage aux risques et périls du destinataire.

Le matériel n'est assuré que sur instruction et aux frais de l'acheteur.

Il appartient à l'acheteur d'effectuer les vérifications, de faire toutes les réserves à l'arrivée du matériel et d'exercer s'il y a lieu, dans le délai réglementaire, tout recours contre le transporteur.

La société ne peut en aucun cas être tenu responsable des retards dans l'acheminement du matériel.

RETOURS

Avant tout retour de matériel vous devez :

- Demander un **n° d'autorisation** de retour.
- Effectuer le retour dans un **délai de 30 jours**.
- Les articles doivent être retournés dans leur **emballage d'origine** et **non utilisés**.
- Joindre la photocopie de la facture ou du bordereau de livraison.

Une **moins value de 15%** sera appliquée pour frais de remise en stock, si l'erreur ne nous est pas imputable.
Aucun retour ne sera accepté en port dû.

PAIEMENT

Les factures sont payables au siège social.

Paiement à 30 jours fin de mois le 15 par traite signée et acceptée, sauf accords particuliers et préalables.

Toutefois, toute première commande d'un client est payable à la commande, aussi longtemps que ne lui a pas été ouvert un compte en nos livres.

Le **retard de paiement ou de retour des effets de commerce, dans le délai imparti par la loi**, pourra entraîner la **suspension des livraisons des commandes** en cours. Les sommes non payées à l'échéance produiront des intérêts de retard calculés avec le taux minima imposé par la loi sans mise en demeure.

Aucun escompte n'est accordé pour paiement anticipé.

RESERVE DE PROPRIETE

Loi n° 80-335 du 12-5-80- L'acheteur ne sera **propriétaire** du matériel **qu'après règlement complet** des sommes dues.

En cas de non-respect par l'acheteur du présent contrat et du non respect des échéances de règlement, la société, sans perdre ses droits, pourra exiger, par simple lettre recommandée, la restitution du matériel aux frais de l'acheteur.

GARANTIE

Tous les articles sont garantis dans la limite de l'utilisation pour laquelle ils ont été prévus et en concordance avec la garantie constructeur.

La garantie est limitée exclusivement au remplacement ou au remboursement du matériel. Elle est limitée en tout état de cause à 12 mois..

L'acheteur ne peut se prévaloir du recours en garantie pour suspendre ou différer ses paiements.

Les obligations du vendeur excluent la réparation de toutes conséquences directes ou indirectes liées à l'utilisation et aux performances du matériel.

JURIDICTION

Les juridictions compétentes sont celles du siège social pour statuer sur les litiges quelqu'en soit la cause.

TECHMO

30, rue de Montaran
45400 FLEURY LES AUBRAIS
E-Mail : commercial.techmo@techmo.fr
Tél. : 02 38 61 48 10
Fax : 02 38 84 39 63

TECHMO

4, allée Paul Harris
31200 TOULOUSE
E-Mail : magasin.toulouse@techmo.fr
Tél. : 05 61 61 34 35
Fax : 05 61 61 34 44

TECHMO

6, Avenue Maurice Levy
33700 MERIGNAC
E-Mail : magasin.merignac@techmo.fr
Tél. : 05 56 34 35 36
Fax : 05 56 34 89 82

TECHMO

95, rue Normandie Niemen
64121 SERRES CASTET
E-Mail : magasin.pau@techmo.fr
Tél. : 05 59 90 34 10
Fax : 05 59 90 08 59

TECHMO

Parc du Chêne
12, rue du 35e Régiment d'Aviation
69500 BRON
E-Mail : magasin.vaulx-en-velin@techmo.fr
Tél. : 04 72 04 95 94
Fax : 04 72 04 95 85

SATECH

28, rue Alain Gerbault
Zac du Panorama
72100 LE MANS
E-Mail : magasin@satech.fr
Tél. : 02 43 40 05 05
Fax : 02 43 40 00 99

Distribué par :