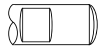


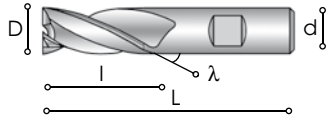
CL 16



30°



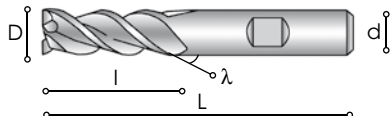
CL16



D e8	L	l	d h6	Z	CODE	HSS+8%Co 1160..... €	HSS+8%Co 2160..... € SAPPHIRE MULTI	CODE	RESISTOR 1160..... €	RESISTOR 2160..... € SAPPHIRE MULTI
2	51	7	6	3	....02000	17,37	22,75			
3	52	8	6	3	....30000	14,50	19,59	....30030	16,93	22,27
4	55	11	6	3	....40000	13,72	18,73	....40030	16,21	21,48
5	57	13	6	3	....50000	13,72	18,73	....50030	16,51	21,80
6	57	13	6	3	....60000	12,89	17,83	....60030	15,69	20,90
7	66	16	10	3	....70000	20,96	28,34			
8	69	19	10	3	....80000	19,39	26,61	....80030	22,77	30,33
9	69	19	10	3	....90000	22,68	30,23			
10	72	22	10	3	....10000	20,62	27,97	....10030	24,22	31,92
11	79	22	12	3	....11000	27,71	37,05			
12	83	26	12	3	....12000	25,46	34,57	....12030	30,01	39,58
13	83	26	12	3	....13000	31,14	41,36			
14	83	26	12	3	....14000	29,26	39,29	....14030	34,40	44,95
15	83	26	12	3	....15000	37,11	47,93			
16	92	32	16	3	....16000	36,72	47,50	....16030	44,07	55,58
17	92	32	16	3	....17000	46,79	59,95			
18	92	32	16	3	....18000	44,85	57,82	....18030	55,74	69,80
19	92	32	16	3	....19000	54,53	70,15			
20	104	38	20	3	....20000	54,69	73,37	....20030	68,13	88,15
22	104	38	20	3	....22000	70,89	91,19	....22030	85,49	107,25
24	121	45	25	3	....24000	102,25	130,94	....24030	126,19	157,28
25	121	45	25	3	....25000	99,49	127,90	....25030	122,87	153,63

CL 30FE


45°

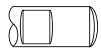

CL30FE


D js14	L	l	d h6	Z	CODE	HSS+8%Co 1300..... €
6	57	13	6	3	....60000	18,32
8	69	19	10	3	....80000	26,31
10	72	22	10	3	....10000	28,19
12	83	26	12	3	....12000	33,67
14	83	26	12	3	....14000	36,08
16	92	32	16	3	....16000	45,43
18	92	32	16	3	....18000	55,57
20	104	38	20	3	....20000	67,28

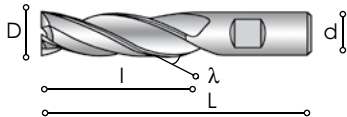
CL 17



30°



CL17



D e8	L	l	d h6	Z	CODE	HSS+8%Co 1170..... €
3	56	12	6	3	....30000	19,13
4	63	19	6	3	....40000	18,26
5	68	24	6	3	....50000	17,59
6	68	24	6	3	....60000	17,09
7	80	30	10	3	....70000	29,04
8	88	38	10	3	....80000	27,48
9	88	38	10	3	....90000	28,20
10	95	45	10	3	....10000	26,33
11	102	45	12	3	....11000	34,89
12	110	53	12	3	....12000	32,69
13	110	53	12	3	....13000	39,93
14	110	53	12	3	....14000	37,22
15	110	53	12	3	....15000	47,84
16	123	63	16	3	....16000	46,95
17	123	63	16	3	....17000	60,23
18	123	63	16	3	....18000	57,78
19	123	63	16	3	....19000	70,68
20	141	75	20	3	....20000	70,68
22	141	75	20	3	....22000	91,08
24	166	90	25	3	....24000	130,78
25	166	90	25	3	....25000	130,78

CL 21TF

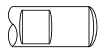


30°

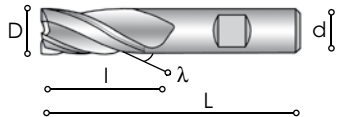


INOX

NEW



CL21TF



D js14	L	l	d h6	Z	CODE	HSS+8%Co 1213..... €	HSS+8%Co 2215..... € SAPPHIRE MULTI	CODE	RESISTOR 1213..... €	RESISTOR 2215..... € SAPPHIRE MULTI	RESISTOR 2218..... € PEARL
3	52	8	6	4	...03000	13,86	18,89	...03030	15,90	21,14	21,14
3,5	54	10	6	4	...03500	14,73					
4	55	11	6	4	...04000	12,94	17,88	...04030	15,46	20,65	20,65
4,5	55	11	6	4	...45000	14,00					
5	57	13	6	4	...50000	13,28	18,26	...50030	15,00	20,15	20,15
5,5	57	13	6	4	...55000	13,54					
6	57	13	6	4	...60000	13,05	18,00	...60030	14,74	19,86	19,86
6,5	66	16	10	4	...65000	20,93					
7	66	16	10	4	...70000	20,95	28,32	...70030	21,91	29,38	29,38
7,5	66	16	10	4	...75000	20,95					
8	69	19	10	4	...80000	19,33	26,55	...80030	21,91	29,38	29,38
8,5	69	19	10	4	...85000	20,89					
9	69	19	10	4	...90000	20,89	28,27	...90030	22,81	30,37	30,37
9,5	69	19	10	4	...95000	20,89					
10	72	22	10	4	...10000	20,39	27,71	...10030	22,81	30,37	30,37
10,5	79	22	12	4	...10500	25,04					
11	79	22	12	4	...11000	25,03	34,11	...11030	31,05	40,72	40,72
11,5	79	22	12	4	...11500	24,64					
12	83	26	12	4	...12000	24,63	33,66	...12030	29,60	39,13	39,13
12,5	83	26	12	4	...12500	31,84					
13	83	26	12	4	...13000	31,84	42,13	...13030	34,96	45,56	45,56
13,5	83	26	12	4	...13500	26,90					
14	83	26	12	4	...14000	26,90	36,70	...14030	33,46	43,91	43,91
14,5	83	26	12	4	...14500	34,10					
15	83	26	12	4	...15000	34,10	44,61	...15030	40,58	51,74	51,74
15,5	92	32	16	4	...15500	32,80					
16	92	32	16	4	...16000	32,81	43,19	...16030	41,40	52,65	52,65
17	92	32	16	4	...17000	50,60	64,15	...17030	52,08	65,77	65,77
18	92	32	16	4	...18000	41,92	54,59	...18030	49,67	63,12	63,12
19	92	32	16	4	...19000	49,60	64,73	...19030	60,34	76,54	76,54
20	104	38	20	4	...20000	48,72	66,79	...20030	60,63	79,90	79,90
22	104	38	20	4	...22000	77,90	98,90	...22030	90,23	112,46	112,46
24	121	45	25	5	...24000	109,35	138,75	...24030	131,38	162,99	162,99
25	121	45	25	5	...25000	109,35	138,75	...25030	131,38	162,99	162,99
26	121	45	25	5	...26000	120,36					
28	121	45	25	6	...28000	130,02					
30	121	45	25	6	...30000	143,07	178,35	...30030	177,22	215,91	215,91
32	133	53	32	6	...32000	165,83	205,67	...32030	214,98	259,74	259,74
35	133	53	32	6	...35000	195,09					
38	143	63	32	6	...38000	209,91					
40	143	63	32	8	...40000	254,31					

FRESE
FRAISESCILINDRICHE
DEUX

FRONTALI

MULTIFLUTE
TAILLESFINISHING
FRESASCUTTERS
CILÍNDRICASMEHRSCHEIDENFRÄSER
FRONTALES

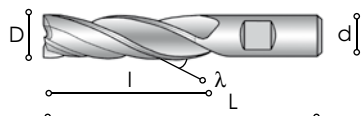
CL 22TF



30°



CL22TF



D js14	L	l	d h6	Z	CODE	HSS+8%Co 1223..... €	HSS+8%Co 2223..... € SAPPHIRE MULTI	CODE	RESISTOR 1223..... €	RESISTOR 2223..... € SAPPHIRE MULTI
3	56	12	6	4	....30000	20,30	25,98	....30030	20,86	26,59
4	63	19	6	4	....40000	18,92	24,46	....40030	20,29	25,97
5	68	24	6	4	....50000	18,42	23,90	....50030	19,77	25,39
6	68	24	6	4	....60000	17,64	23,06	....60030	19,03	24,58
7	80	30	10	4	....70000	27,76	37,11	....70030	30,86	40,51
8	88	38	10	4	....80000	27,60	36,93	....80030	29,59	39,12
9	88	38	10	4	....90000	27,60	36,93	....90030	30,86	40,51
10	95	45	10	4	....10000	26,10	35,28	....10030	28,32	37,72
11	102	45	12	4	....11000	34,29	46,14	....11030	38,71	50,99
12	110	53	12	4	....12000	32,46	44,12	....12030	36,01	48,02
13	110	53	12	4	....13000	38,55	51,68	....13030	42,97	56,54
14	110	53	12	4	....14000	35,23	48,03	....14030	45,38	59,20
15	110	53	12	4	....15000	45,24	59,04	....15030	51,20	65,60
16	123	63	16	4	....16000	45,87	59,74	....16030	54,64	69,39
17	123	63	16	4	....17000	64,65	81,75	....17030	70,44	88,12
18	123	63	16	4	....18000	53,64	69,64	....18030	67,46	84,84
19	123	63	16	4	....19000	76,21	97,04	....19030	85,97	107,77
20	141	75	20	4	....20000	65,26	91,54	....20030	83,54	111,65
22	141	75	20	4	....22000	94,94	124,19	....22030	115,18	146,45
24	166	90	25	5	....24000	131,76	178,58	....24030	165,61	215,81
25	166	90	25	5	....25000	131,76	178,58	....25030	172,07	222,91

FRESE
FRAISES

 CILINDRICHE
DEUX

 FRONTALI
TAILLES

 PER
D'EBAUCHE

 SGROSSARE
FRESAS

 ROUGHING
CILÍNDRICAS

 END
MILLS
FRONTALES

 SCHRUPPFÄSER
PARA
DESBASTE

CL 24TF



30°

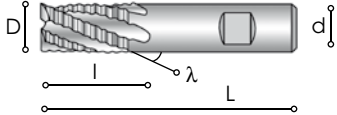


INOX

NEW



CL24TF



D js14	L	l	d h6	Z	CODE	HSS+8%Co	HSS+8%Co	CODE	RESISTOR	RESISTOR	RESISTOR	
						1243.....	2245.....		1243.....	2245.....	2248.....	
						€	€ SAPPHIRE MULTI			€	€ SAPPHIRE MULTI	€ PEARL
6	57	13	6	3	....60000	24,65	30,76	....60030	27,87	34,30	34,30
7	66	16	10	3	....70000	37,47	46,50	....70030	44,73	54,49	54,49
8	69	19	10	3	....80000	36,51	45,44	....80030	43,65	53,30	53,30
9	69	19	10	3	....90000	37,47	46,50	....90030	44,73	54,49	54,49
10	72	22	10	4	....10000	35,41	44,24	....10030	43,33	52,94	52,94
11	79	22	12	4	....11000	40,91	51,57	....11030	49,94	61,50	61,50
12	83	26	12	4	....12000	38,90	49,36	....12030	49,23	60,72	60,72
13	83	26	12	4	....13000	44,89	56,48	....13030	55,44	68,09	68,09
14	83	26	12	4	....14000	41,66	52,94	....14030	52,84	65,23	65,23
15	83	26	12	4	....15000	49,32	61,35	....15030	62,66	76,03	76,03
16	92	32	16	4	....16000	49,94	62,04	....16030	63,81	77,30	77,30
18	92	32	16	4	....18000	55,47	69,50	....18030	71,03	86,62	86,62
20	104	38	20	4	....20000	71,25	91,58	....20030	91,53	113,89	113,89
22	104	38	20	4	....22000	80,10	101,32	....22030	103,81	127,39	127,39
24	121	45	25	4	....24000	121,92	152,57				
25	121	45	25	4	....25000	118,69	149,02	....25030	156,21	190,30	190,30
28	121	45	25	4	....28000	132,90	167,15				
30	121	45	25	5	....30000	143,31	178,61	....30030	188,84	228,69	228,69
32	133	53	32	5	....32000	166,91	206,86	....32030	222,20	267,68	267,68
35	133	53	32	5	....35000	214,45					
38	143	63	32	5	....38000	233,53					
40	143	63	32	6	....40000	233,53					

FRESE CILINDRICHE FRONTALI PER SGROSSARE, PASSO FINE FINE PITCH ROUGHING END MILLS
 SCHRUPPFRÄSER MIT FEINEM KORDEL PROFIL FRAISES DEUX TAILLES D'ÉBAUCHE, PAS PAS FINO
 FRESAS CILÍNDRICAS FRONTALES FRONTALS PARA DESBASTE, PASO PASO FINO

CL 24TF-PF



30°

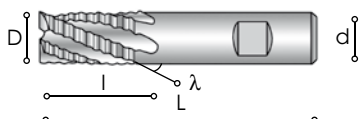


INOX

NEW



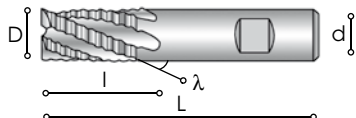
CL24TF-PF



D js14	L	l	d h6	Z	CODE	HSS+8%Co 1244..... €	HSS+8%Co 2246..... € SAPPHIRE MULTI	CODE	RESISTOR 1244..... €	RESISTOR 2246..... € SAPPHIRE MULTI	RESISTOR 2349 € PEARL
6	57	13	6	3	...60000	33,91	40,95	...60030	38,98	46,53	46,53
7	66	16	10	3	...70000	39,11	48,31	...70030	53,95	64,63	64,63
8	69	19	10	3	...80000	39,11	48,31	...80030	53,95	64,63	64,63
9	69	19	10	3	...90000	39,11	48,31	...90030	53,95	64,63	64,63
10	72	22	10	4	...10000	39,11	48,31	...10030	53,95	64,63	64,63
11	79	22	12	4	...11000	45,31	56,41	...11030	62,60	75,43	75,43
12	83	26	12	4	...12000	45,31	56,41	...12030	60,72	73,36	73,36
13	83	26	12	4	...13000	51,40	63,65	...13030	65,26	78,89	78,89
14	83	26	12	4	...14000	51,40	63,65	...14030	64,37	77,91	77,91
15	83	26	12	4	...15000	55,52	68,18	...15030	70,74	84,92	84,92
16	92	32	16	4	...16000	59,63	72,70	...16030	75,10	89,72	89,72
18	92	32	16	4	...18000	74,11	90,01	...18030	82,90	99,68	99,68
20	104	38	20	4	...20000	78,11	99,13	...20030	99,83	123,02	123,02
22	104	38	20	4	...22000	95,25	117,98	...22030	117,81	142,80	142,80
24	121	45	25	4	...24000	141,34	173,94				
25	121	45	25	4	...25000	141,34	173,94	...25030	163,68	198,51	198,51
28	121	45	25	4	...28000	148,79	184,63				
30	121	45	25	5	...30000	163,68	201,02	...30030	195,77	236,32	236,32
32	133	53	32	5	...32000	190,44	232,74	...32030	229,85	276,09	276,09
35	133	53	32	5	...35000	214,25					
38	143	63	32	5	...38000	240,84					
40	143	63	32	6	...40000	250,85					

CL 24SL-TF


30°


CL24SL-TF

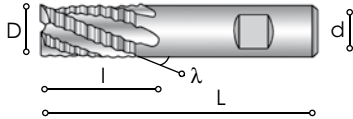

D js14	L	l	d h6	Z	CODE	HSS+8%Co 1247..... €	HSS+8%Co 2247..... € SAPPHIRE MULTI
6	68	24	6	3	....60000	44,02	52,07
8	88	38	10	3	....80000	44,38	54,61
10	95	45	10	4	....10000	45,45	55,79
12	110	53	12	4	....12000	52,99	65,71
14	110	53	12	4	....14000	58,15	72,15
16	123	63	16	4	....16000	69,58	84,73
18	123	63	16	4	....18000	79,30	96,62
20	141	75	20	4	....20000	95,30	122,26
22	141	75	20	4	....22000	116,13	145,17
24	166	90	25	4	....24000	157,53	202,96
25	166	90	25	4	....25000	157,53	202,96

FRESE CILINDRICHE FRONTALI PER SGROSSARE, PASSO FINE FINE PITCH ROUGHING END MILLS
 SCHRUPPFRÄSER MIT FEINEM KORDEL PROFIL FRAISES DEUX TAILLES D'ÉBAUCHE, PAS PAS FINO
 FRESAS CILÍNDRICAS FRONTALES FRONTALS PARA DESBASTE, PASO PASO FINO

CL 24SL-TF-PF



30°



CL24SL-TF-PF

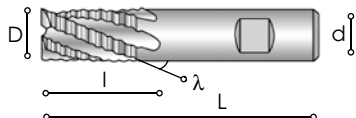


D js14	L	l	d h6	Z	CODE	HSS+8%Co 1248..... €	HSS+8%Co 2248..... € SAPPHIRE MULTI
6	68	24	6	3	....06000	52,20	61,07
8	88	38	10	3	....08000	52,63	64,46
10	95	45	10	4	....01000	53,90	65,86
12	110	53	12	4	....01200	62,84	77,54
14	110	53	12	4	....01400	65,51	81,34
16	123	63	16	4	....01600	78,39	95,51
18	123	63	16	4	....01800	89,35	108,92
20	141	75	20	4	....02000	107,37	137,86
22	141	75	20	4	....02200	125,93	158,27
24	166	90	25	4	....02400	182,96	234,90
25	166	90	25	4	....02500	182,96	234,90

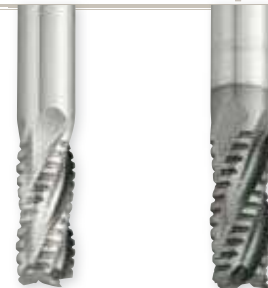
CL 25TF



30°



CL25TF



D js14	L	l	d h6	Z	CODE	HSS+8%Co 1253..... €	HSS+8%Co 2253..... € SAPPHIRE MULTI
6	57	13	6	3	....60000	24,65	30,76
7	66	16	10	3	....70000	37,47	46,50
8	69	19	10	3	....80000	36,51	45,44
9	69	19	10	3	....90000	37,47	46,50
10	72	22	10	4	....10000	35,41	44,24
11	79	22	12	4	....11000	40,91	51,57
12	83	26	12	4	....12000	38,90	49,36
13	83	26	12	4	....13000	44,89	56,48
14	83	26	12	4	....14000	41,66	52,94
15	83	26	12	4	....15000	49,32	61,35
16	92	32	16	4	....16000	49,94	62,04
18	92	32	16	4	....18000	55,47	69,50
20	104	38	20	4	....20000	71,25	91,58
22	104	38	20	4	....22000	80,10	101,32
24	121	45	25	4	....24000	121,92	152,57
25	121	45	25	4	....25000	118,69	149,02