

- I** FRESE IN METALLO DURO INTEGRALE E IN HSS-Co_{8%}
- F** FRAISES EN CARBURE MONOBLOC ET EN HSS-Co_{8%}
- GB** SOLID CARBIDE END MILL AND HSS-Co_{8%}
- D** HMFRÄSER UND HSS-Co_{8%}
- SP** FRESAS EN METAL DURO EN HSS-Co_{8%}



- I** FRESE A FINIRE IN METALLO DURO A DUE TAGLIENTI SERIE CORTA - CILINDRICA
- F** FRAISES 2 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** 2 FLUTES CARBIDE CYLINDRICAL END MILLS - SHORT SERIES
- D** 2 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN METAL DURO 2 LABIOS SERIE CORTA - CILINDRICA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	8	40	2	HMC30/2	11,80	HMC30F/2	17,65
4,0	4	10	50	2	HMC40/2	14,95	HMC40F/2	22,45
5,0	5	12	50	2	HMC50/2	15,95	HMC50F/2	23,95
6,0	6	12	50	2	HMC60/2	19,85	HMC60F/2	29,75
8,0	8	20	60	2	HMC80/2	30,60	HMC80F/2	45,90
10,0	10	22	70	2	HMC100/2	47,05	HMC100F/2	70,90
12,0	12	25	75	2	HMC120/2	70,25	HMC120F/2	105,35
16,0	16	30	85	2	HMC160/2	128,70	HMC160F/2	193,05
20,0	20	40	100	2	HMC200/2	187,50	HMC200F/2	281,25

- I** FRESE A FINIRE IN METALLO DURO A DUE TAGLIENTI SERIE LUNGA/EXTRA LUNGA - CILINDRICA
- F** FRAISES 2 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE-SERIE LONGUE/EXTRA LONGUE
- GB** 2 FLUTES CARBIDE CYLINDRICAL END MILLS - LONG/EXTRA LONG SERIES
- D** 2 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN METAL DURO 2 LABIOS - CILINDRICA - SERIE LARGA/EXTRA LARGA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	30	60	2	HMCL30/2	16,30	HMCL30F/2	24,45
3,0	3	30	75	2	HMCXL30/2	17,80	HMCXL30F/2	26,70
4,0	4	30	60	2	HMCL40/2	19,70	HMCL40F/2	29,50
4,0	4	30	75	2	HMCXL40/2	21,50	HMCXL40F/2	32,30
5,0	5	35	70	2	HMCL50/2	25,70	HMCL50F/2	38,60
5,0	5	40	100	2	HMCXL50/2	31,45	HMCXL50F/2	47,15
6,0	6	40	100	2	HMCL60/2	36,50	HMCL60F/2	54,70
6,0	6	50	150	2	HMCXL60/2	51,40	HMCXL60F/2	77,10
8,0	8	40	100	2	HMCL80/2	55,10	HMCL80F/2	82,70
8,0	8	50	150	2	HMCXL80/2	79,15	HMCXL80F/2	118,70
10,0	10	45	100	2	HMCL100/2	77,95	HMCL100F/2	116,95
10,0	10	60	150	2	HMCXL100/2	107,20	HMCXL100F/2	160,80
12,0	12	45	100	2	HMCL120/2	100,30	HMCL120F/2	150,45
12,0	12	75	150	2	HMCXL120/2	147,00	HMCXL120F/2	220,50
16,0	16	45	100	2	HMCL160/2	159,60	HMCL160F/2	239,40
16,0	16	75	150	2	HMCXL160/2	232,50	HMCXL160F/2	348,80
20,0	20	55	150	2	HMCL200/2	340,00	HMCL200F/2	510,05
20,0	20	75	150	2	HMCXL200/2	348,30	HMCXL200F/2	522,40

- I** FRESE A FINIRE IN METALLO DURO A TRE TAGLIENTI SERIE CORTA - CILINDRICA
- F** FRAISES 3 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** 3 FLUTES CARBIDE CYLINDRICAL END MILLS - SHORT SERIES
- D** 3 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN METAL DURO 3 LABIOS SERIE CORTA - CILINDRICA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	12	40	3	HMC30/3	11,80	HMC30F/3	17,65
4,0	4	16	50	3	HMC40/3	14,95	HMC40F/3	22,45
5,0	5	20	50	3	HMC50/3	16,00	HMC50F/3	23,95
6,0	6	20	50	3	HMC60/3	19,85	HMC60F/3	29,75
8,0	8	22	60	3	HMC80/3	30,60	HMC80F/3	45,90
10,0	10	25	70	3	HMC100/3	47,05	HMC100F/3	70,60
12,0	12	27	75	3	HMC120/3	70,25	HMC120F/3	105,35
16,0	16	30	85	3	HMC160/3	128,70	HMC160F/3	193,00
20,0	20	40	100	3	HMC200/3	187,50	HMC200F/3	281,30

- I** FRESE A FINIRE IN METALLO DURO A TRE TAGLIENTI SERIE LUNGA/EXTRA LUNGA - CILINDRICA
- F** FRAISES 3 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE-SERIE LONGUE/EXTRA LONGUE
- GB** CARBIDE 3 FLUTES CYLINDRICAL END MILLS - LONG/EXTRA LONG SERIES
- D** 3 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN METAL DURO 3 LABIOS - CILINDRICA - SERIE LARGA/EXTRA LARGA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	30	60	3	HMCL30/3	16,30	HMCL30F/3	24,45
3,0	3	30	75	3	HMCXL30/3	17,80	HMCXL30F/3	26,70
4,0	4	30	60	3	HMCL40/3	19,70	HMCL40F/3	29,50
4,0	4	30	75	3	HMCXL40/3	21,50	HMCXL40F/3	32,30
5,0	5	35	70	3	HMCL50/3	25,70	HMCL50F/3	38,60
5,0	5	40	100	3	HMCXL50/3	31,45	HMCXL50F/3	47,15
6,0	6	40	100	3	HMCL60/3	36,50	HMCL60F/3	54,70
6,0	6	50	150	3	HMCXL60/3	51,40	HMCXL60F/3	77,10
8,0	8	40	100	3	HMCL80/3	55,10	HMCL80F/3	82,70
8,0	8	50	150	3	HMCXL80/3	79,15	HMCXL80F/3	118,70
10,0	10	45	100	3	HMCL100/3	77,95	HMCL100F/3	116,95
10,0	10	60	150	3	HMCXL100/3	107,20	HMCXL100F/3	160,80
12,0	12	45	100	3	HMCL120/3	100,30	HMCL120F/3	150,50
12,0	12	75	150	3	HMCXL120/3	147,00	HMCXL120F/3	220,50
16,0	16	45	100	3	HMCL160/3	159,60	HMCL160F/3	239,40
16,0	16	75	150	3	HMCXL160/3	232,50	HMCXL160F/3	348,80
20,0	20	55	150	3	HMCL200/3	340,00	HMCL200F/3	510,05
20,0	20	75	150	3	HMCXL200/3	348,30	HMCXL200F/3	522,40

- I** FRESE A FINIRE IN METALLO DURO A QUATTRO TAGLIANTI SERIE CORTA - CILINDRICA
- F** FRAISES 4 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** 4 FLUTES CARBIDE CYLINDRICAL END MILLS - SHORT SERIES
- D** 4 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN METAL DURO 4 LABIOS SERIE CORTA - CILINDRICA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	12	40	4	HMC30/4	11,80	HMC30F/4	17,65
4,0	4	16	50	4	HMC40/4	14,95	HMC40F/4	22,45
5,0	5	20	50	4	HMC50/4	18,15	HMC50F/4	27,25
6,0	6	20	50	4	HMC60/4	19,85	HMC60F/4	29,75
8,0	8	22	60	4	HMC80/4	30,60	HMC80F/4	45,90
10,0	10	25	70	4	HMC100/4	47,05	HMC100F/4	70,60
12,0	12	27	75	4	HMC120/4	70,25	HMC120F/4	105,35
16,0	16	30	85	4	HMC160/4	128,70	HMC160F/4	193,00
20,0	20	40	100	4	HMC200/4	187,50	HMC200F/4	281,25

- I** FRESE A FINIRE IN METALLO DURO A QUATTRO TAGLIANTI SERIE LUNGA / EXTRA LUNGA - CILINDRICA
- F** FRAISES 4 DENTS SERIE CARBURE MONOBLOC POUR FINITION - CYLINDRIQUE-SERIE LONGUE/EXTRA LONGUE
- GB** CARBIDE 4 FLUTES CYLINDRICAL END MILLS - LONG / EXTRA LONG SERIES
- D** 4 SCHNEIDEN HARTMETALFRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN METAL DURO 4 LABIOS - CILINDRICA - SERIE LARGA/EXTRA LARGA



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	30	60	4	HMCL30/4	16,30	HMCL30F/4	24,45
3,0	3	30	75	4	HMCXL30/4	17,80	HMCXL30F/4	26,70
4,0	4	30	60	4	HMCL40/4	19,70	HMCL40F/4	29,50
4,0	4	30	75	4	HMCXL40/4	21,50	HMCXL40F/4	32,30
5,0	5	35	70	4	HMCL50/4	25,70	HMCL50F/4	35,60
5,0	5	40	100	4	HMCXL50/4	31,45	HMCXL50F/4	47,15
6,0	6	40	100	4	HMCL60/4	36,50	HMCL60F/4	54,70
6,0	6	50	150	4	HMCXL60/4	51,40	HMCXL60F/4	77,10
8,0	8	40	100	4	HMCL80/4	55,10	HMCL80F/4	82,70
8,0	8	50	150	4	HMCXL80/4	79,15	HMCXL80F/4	118,70
10,0	10	45	100	4	HMCL100/4	78,00	HMCL100F/4	116,95
10,0	10	60	150	4	HMCXL100/4	107,18	HMCXL100F/4	160,80
12,0	12	45	100	4	HMCL120/4	100,30	HMCL120F/4	150,45
12,0	12	75	150	4	HMCXL120/4	147,00	HMCXL120F/4	220,50
16,0	16	45	100	4	HMCL160/4	159,60	HMCL160F/4	238,40
16,0	16	75	150	4	HMCXL160/4	232,50	HMCXL160F/4	348,80
20,0	20	55	150	4	HMCL200/4	340,00	HMCL200F/4	510,05
20,0	20	75	150	4	HMCXL200/4	348,25	HMCXL200F/4	522,40

- I** FRESE A FINIRE IN METALLO DURO A DUE TAGLIENTI SERIE CORTA - TESTA RAGGIATA
- F** FRAISES 2 DENTS SERIE CARBURE MONOBLOC POUR FINITION - A BOUT HEMISPHERIQUE - SERIE COURTE
- GB** 2 FLUTES CARBIDE BALL NOSE END MILLS - SHORT SERIES
- D** 2 SCHNEIDEN HARTMETALFRÄSER - RADIUSFRÄSER - KURZ
- SP** FRESAS EN METAL DURO 2 LABIOS SERIE CORTA - RADIAL



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	8	40	2	HMR30/2	14,10	HMR30F/2	21,20
4,0	4	10	50	2	HMR40/2	17,80	HMR40F/2	26,70
5,0	5	12	50	2	HMR50/2	19,15	HMR50F/2	28,80
6,0	6	12	50	2	HMR60/2	23,90	HMR60F/2	35,80
8,0	8	20	60	2	HMR80/2	36,70	HMR80F/2	55,05
10,0	10	22	70	2	HMR100/2	56,50	HMR100F/2	84,70
12,0	12	25	75	2	HMR120/2	84,30	HMR120F/2	126,40
16,0	16	30	85	2	HMR160/2	154,60	HMR160F/2	231,85
18,0	18	38	100	2	HMR180/2	184,80	HMR180F/2	277,20
20,0	20	40	100	2	HMR200/2	225,20	HMR200F/2	337,70


- I** FRESE A FINIRE IN METALLO DURO A DUE TAGLIENTI SERIE LUNGA - TESTA RAGGIATA
- F** FRAISES 2 DENTS SERIE CARBURE MONOBLOC POUR FINITION - A BOUT HEMISPHERIQUE - SERIE LONGUE
- GB** 2 FLUTES CARBIDE BALL NOSE END MILLS - LONG SERIES
- D** 2 SCHNEIDEN HARTMETALFRÄSER - RADIUSFRÄSER - TIEF
- SP** FRESAS EN METAL DURO 2 LABIOS SERIE LARGA - RADIAL



ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€	Cod. HM + TiAIN	€
3,0	3	30	60	2	HMRL30/2	19,50	HMRL30F/2	29,25
4,0	4	30	60	2	HMRL40/2	23,60	HMRL40F/2	35,30
5,0	5	40	100	2	HMRL50/2	30,80	HMRL50F/2	46,15
6,0	6	40	100	2	HMRL60/2	43,70	HMRL60F/2	65,55
8,0	8	40	100	2	HMRL80/2	66,20	HMRL80F/2	99,30
10,0	10	45	100	2	HMRL100/2	93,40	HMRL100F/2	140,10
12,0	12	45	100	2	HMRL120/2	120,30	HMRL120F/2	180,50
16,0	16	45	150	2	HMRL160/2	191,40	HMRL160F/2	287,10
18,0	18	50	150	2	HMRL180/2	339,20	HMRL180F/2	508,80
20,0	20	55	150	2	HMRL200/2	407,90	HMRL200F/2	611,90

- I** FRESE IN METALLO DURO 4 DENTI PER SGROSSARE E SEMIFINIRE - CILINDRICA - SERIE CORTA
- F** FRAISES CARBURE 4 DENTS D'EBAUCHE - CYLINDRIQUE - SERIE COURTE
- GB** 4 FLUTES CARBIDE STRAIGHT SHANK END MILL FOR ROUGHING AND FINISHING - CYLINDRICAL - SHORT SERIES
- D** 4 SCHNEIDEN HMSCHRUPPENFRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS 4 LABIOS EN METAL DURO, DESBASTE GRUESO - SERIE CORTA





Variable

1mm
FINE

45°

DIN 6535
Form HA

HSC

TiAlN

ANTI VIBRATION

SUB MICRO GRAIN


Z 3

Z 4

ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM + TiAlN	€
3,0	6	8	50	3	HMS30/3	39,30
4,0	6	12	50	3	HMS40/3	39,30
5,0	6	15	50	3	HMS50/3	39,30
6,0	6	20	50	4	HMS60/4	38,30
8,0	8	22	60	4	HMS80/4	52,80
10,0	10	25	70	4	HMS100/4	74,50
12,0	12	27	75	4	HMS120/4	99,10
16,0	16	30	85	4	HMS160/4	166,50
18,0	18	40	100	4	HMS180/4	247,70
20,0	20	40	100	4	HMS200/4	292,40
25,0	25	40	100	4	HMS250/4	562,80

- I** FRESE IN METALLO DURO 4 DENTI PER SGROSSARE E SEMIFINIRE - CILINDRICA - SERIE LUNGA
- F** FRAISES CARBURE 4 DENTS D'EBAUCHE - CYLINDRIQUE - SERIE LONGUE
- GB** 4 FLUTES CARBIDE STRAIGHT SHANK END MILL FOR ROUGHING AND FINISHING - CYLINDRICAL - LONG SERIES
- D** 4 SCHNEIDEN HMSCHRUPPENFRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS 4 LABIOS EN METAL DURO, DESBASTE GRUESO - SERIE LARGA





SUB MICRO GRAIN

Variable

1mm
FINE

45°

DIN 6535
Form HA

HSC

TiAlN

ANTI VIBRATION

Z 4

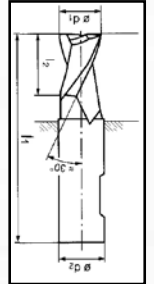
ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM + TiAlN	€
6,0	6	40	100	4	HMSL60/4	60,70
8,0	8	40	100	4	HMSL80/4	79,00
10,0	10	45	100	4	HMSL100/4	107,40
12,0	12	45	100	4	HMSL120/4	127,50
16,0	16	45	100	4	HMSL160/4	209,20
18,0	18	75	150	4	HMSL180/4	355,20
20,0	20	75	150	4	HMSL200/4	467,10
25,0	25	75	150	4	HMSL250/4	774,50

- I** FRESA MONOTAGLIENTE IN METALLO DURO INTEGRALE
- F** FRAISE CARBURE 1 LEVRE EN CARBURE MONOBLOC
- GB** ONE TOOTH SOLID CARBIDE END MILL
- D** VHM-EINZAHNSCHAFTFRÄSER
- SP** FRESA METAL DURO INTEGRAL 1 LABIO



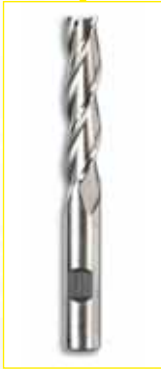
ø1 h8 mm	ø2 h6 mm	l1 mm	L mm	z	Cod. HM	€
1,0	2	5	40	1	HMC10/1	21,40
2,0	2	10	40	1	HMC20/1	17,50
3,0	3	10	40	1	HMC30/1	17,50
4,0	4	15	50	1	HMC40/1	24,60
5,0	5	15	50	1	HMC50/1	27,10
6,0	6	20	50	1	HMC60/1	28,40
8,0	8	22	60	1	HMC80/1	45,00
10,0	10	25	70	1	HMC100/1	66,40
12,0	12	35	75	1	HMC120/1	90,60

- I** FRESE A FINIRE IN HSS-Co_{8%} A DUE TAGLIENTI - CILINDRICA - SERIE CORTA
- F** FRAISES 2 DENTS SERIE COURTE HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** HSS-Co_{8%} 2 FLUTES CYLINDRICAL END MILLS - SHORT SERIES
- D** 2 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN HSS-Co_{8%} 2 LABIOS - CILINDRICA - SERIE CORTA

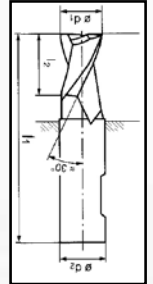


Ø	L mm	l mm	Ø h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
2,0	48	4	6	2	EMC20/2	13,30	EMC20F/2	19,90
2,5	49	5	6	2	EMC25/2	13,30	EMC25F/2	19,90
3,0	49	5	6	2	EMC30/2	13,30	EMC30F/2	19,90
3,5	50	6	6	2	EMC35/2	13,30	EMC35F/2	19,90
4,0	51	7	6	2	EMC40/2	13,30	EMC40F/2	19,90
4,5	51	7	6	2	EMC45/2	13,30	EMC45F/2	19,90
5,0	52	8	6	2	EMC50/2	13,30	EMC50F/2	19,90
5,5	52	8	6	2	EMC55/2	13,30	EMC55F/2	19,90
6,0	52	8	6	2	EMC60/2	13,30	EMC60F/2	19,90
6,5	60	10	10	2	EMC65/2	19,00	EMC65F/2	28,50
7,0	60	10	10	2	EMC70/2	19,00	EMC70F/2	28,50
7,5	60	10	10	2	EMC75/2	19,00	EMC75F/2	28,50
8,0	61	11	10	2	EMC80/2	19,00	EMC80F/2	28,50
8,5	61	11	10	2	EMC85/2	19,00	EMC85F/2	27,60
9,0	61	11	10	2	EMC90/2	19,00	EMC90F/2	27,60
9,5	61	11	10	2	EMC95/2	19,00	EMC95F/2	27,60
10,0	63	13	10	2	EMC100/2	19,00	EMC100F/2	27,60
11,0	70	13	12	2	EMC110/2	25,30	EMC110F/2	36,70
12,0	73	16	12	2	EMC120/2	25,30	EMC120F/2	36,70
13,0	73	16	12	2	EMC130/2	28,00	EMC130F/2	39,20
14,0	73	16	12	2	EMC140/2	28,00	EMC140F/2	39,20
15,0	73	16	12	2	EMC150/2	32,50	EMC150F/2	45,50
16,0	79	19	16	2	EMC160/2	34,10	EMC160F/2	47,80
17,0	79	19	16	2	EMC170/2	42,20	EMC170F/2	59,10
18,0	79	19	16	2	EMC180/2	42,20	EMC180F/2	59,10
19,0	79	19	16	2	EMC190/2	50,50	EMC190F/2	70,60
20,0	88	22	16	2	EMC200/2	50,50	EMC200F/2	70,60
22,0	88	22	20	2	EMC220/2	56,30	EMC220F/2	78,80
25,0	102	26	25	2	EMC250/2	80,90	EMC250F/2	113,20
30,0	102	26	25	2	EMC300/2	136,30	EMC300F/2	190,70
32,0	112	32	32	2	EMC320/2	153,60	EMC320F/2	215,00

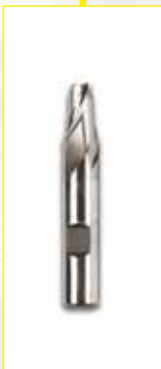
- I** FRESE A FINIRE IN HSS-Co_{8%} A DUE TAGLIENTI - CILINDRICA - SERIE LUNGA
- F** FRAISES 2 DENTS HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE LONGUE
- GB** HSS-Co_{8%} 2 FLUTES CYLINDRICAL END MILLS - LONG SERIES
- D** 2 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN HSS-Co_{8%} 2 LABIOS CILINDRICA - SERIE LARGA



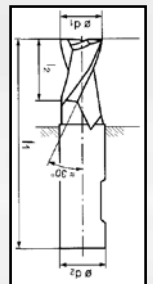
Ø	L mm	l mm	Ø h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	56	8	6	2	EMCL30/2	18,40	EMCL30F/2	27,60
4,0	63	11	6	2	EMCL40/2	18,40	EMCL40F/2	27,60
5,0	68	13	6	2	EMCL50/2	18,40	EMCL50F/2	27,60
6,0	68	13	6	2	EMCL60/2	18,40	EMCL60F/2	27,60
8,0	80	19	10	2	EMCL80/2	25,80	EMCL80F/2	38,70
10,0	95	22	12	2	EMCL100/2	25,80	EMCL100F/2	38,70
12,0	110	26	12	2	EMCL120/2	34,20	EMCL120F/2	51,30
14,0	110	26	16	2	EMCL140/2	39,20	EMCL140F/2	58,70
16,0	123	32	16	2	EMCL160/2	47,90	EMCL160F/2	71,80
18,0	123	38	16	2	EMCL180/2	59,10	EMCL180F/2	88,60
20,0	141	38	20	2	EMCL200/2	70,60	EMCL200F/2	105,90
22,0	141	38	20	2	EMCL220/2	78,80	EMCL220F/2	118,10
25,0	166	45	25	2	EMCL250/2	113,20	EMCL250F/2	169,80
30,0	166	45	25	2	EMCL300/2	173,60	EMCL300F/2	260,40
32,0	186	53	32	2	EMCL320/2	195,80	EMCL320F/2	293,70



- I** FRESE A FINIRE IN HSS-Co_{8%} A 3 TAGLIENTI - CILINDRICA - SERIE CORTA
- F** FRAISES 3 DENTS HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** HSS-Co_{8%} 3 FLUTES CYLINDRICAL END MILLS - SHORT SERIES
- D** 3 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN HSS-Co_{8%} 3 LABIOS - CILINDRICA - SERIE CORTA



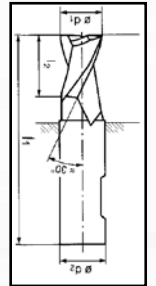
Ø	L mm	l mm	Ø h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	49	5	6	3	EMC30/3	13,30	EMC30F/3	19,90
4,0	51	7	6	3	EMC40/3	13,30	EMC40F/3	19,90
5,0	52	8	6	3	EMC50/3	13,30	EMC50F/3	19,90
6,0	52	8	6	3	EMC60/3	13,30	EMC60F/3	19,90
8,0	61	11	10	3	EMC80/3	19,00	EMC80F/3	28,50
10,0	63	13	10	3	EMC100/3	19,00	EMC100F/3	28,50
12,0	73	16	12	3	EMC120/3	25,30	EMC120F/3	37,95
14,0	79	16	12	3	EMC140/3	28,00	EMC140F/3	42,00
16,0	79	19	16	3	EMC160/3	34,20	EMC160F/3	51,20
18,0	79	19	16	3	EMC180/3	42,20	EMC180F/3	63,30
20,0	88	22	20	3	EMC200/3	50,50	EMC200F/3	75,70
22,0	88	22	20	3	EMC220/3	58,30	EMC220F/3	84,40



- I** FRESE A FINIRE IN HSS-Co_{8%} A TRE TAGLIENTI - CILINDRICA - SERIE LUNGA
- F** FRAISES 3 DENTS HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE LONGUE
- GB** HSS-Co_{8%} 3 FLUTES CYLINDRICAL END MILLS - LONG SERIES
- D** 3 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN HSS-Co_{8%} 3 LABIOS CILINDRICA - SERIE LARGA



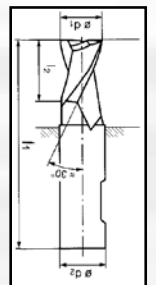
Ø	L mm	l mm	Ø h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	56	12	6	3	EMCL30/3	21,60	EMCL30F/3	32,30
4,0	63	19	6	3	EMCL40/3	21,60	EMCL40F/3	32,30
5,0	68	24	6	3	EMCL50/3	21,60	EMCL50F/3	32,30
6,0	68	24	6	3	EMCL60/3	21,60	EMCL60F/3	32,30
8,0	88	38	10	3	EMCL80/3	30,30	EMCL80F/3	45,50
10,0	95	45	10	3	EMCL100/3	30,30	EMCL100F/3	45,50
12,0	110	53	12	3	EMCL120/3	40,30	EMCL120F/3	60,50
14,0	110	53	12	3	EMCL140/3	46,10	EMCL140F/3	69,20
16,0	123	63	16	3	EMCL160/3	56,30	EMCL160F/3	84,40
18,0	123	63	16	3	EMCL180/3	69,70	EMCL180F/3	104,50
20,0	141	75	20	3	EMCL200/3	83,00	EMCL200F/3	124,60
22,0	141	75	20	3	EMCL220/3	92,70	EMCL220F/3	139,00



- I** FRESE A FINIRE IN HSS-Co_{8%} A 4 o 6 TAGLIENTI - CILINDRICA - SERIE CORTA
- F** FRAISES 4 ou 6 DENTS HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE COURTE
- GB** HSS-Co_{8%} 4 / 6 FLUTES CYLINDRICAL END MILLS - SHORT SERIES
- D** 4/6 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS EN HSS-Co_{8%} 4/6 LABIOS SERIE CORTA - CILINDRICA SERIE CORT



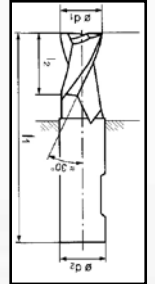
Ø	L mm	l mm	Ø h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	52	8	6	4	EMC30/4	16,70	EMC30F/4	25,00
4,0	55	11	6	4	EMC40/3	16,70	EMC40F/3	25,00
5,0	57	13	6	4	EMC50/4	16,70	EMC50F/4	25,00
6,0	57	13	6	4	EMC60/4	16,70	EMC60F/4	25,00
7,0	66	16	10	4	EMC70/4	22,50	EMC70F/4	33,70
8,0	69	19	10	4	EMC80/4	22,50	EMC80F/4	33,70
9,0	69	19	10	4	EMC90/4	22,50	EMC90F/4	33,70
10,0	72	22	10	4	EMC100/4	22,50	EMC100F/4	33,70
12,0	83	26	12	4	EMC120/4	31,30	EMC120F/4	46,95
14,0	83	26	12	4	EMC140/4	34,60	EMC140F/4	51,90
16,0	92	32	16	4	EMC160/4	42,20	EMC160F/4	63,25
18,0	92	32	16	4	EMC180/4	52,20	EMC180F/4	78,30
20,0	104	38	20	4	EMC200/4	62,40	EMC200F/4	93,50
22,0	104	38	20	6	EMC220/6	69,50	EMC220F/6	104,25
25,0	121	45	25	6	EMC250/6	99,90	EMC250F/6	149,80



- I** FRESE A FINIRE IN HSS-Co_{8%} A 4 o 6 TAGLIENTI - CILINDRICA - SERIE LUNGA
- F** FRAISES 4 o 6 DENTS HSS-Co_{8%} POUR FINITION - CYLINDRIQUE - SERIE LONGUE
- GB** HSS-Co_{8%} 4/6 FLUTES CYLINDRICAL END MILLS - LONG SERIES
- D** 4/6 SCHNEIDEN HSS-Co_{8%} FRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS EN HSS-Co_{8%} 4/6 LABIOS - CILINDRICA - SERIE LARGA



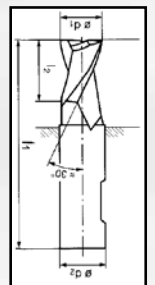
∅	L mm	l mm	∅ h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	63	19	6	4	EMCL40/4	21,50	EMCL40F/4	32,30
4,0	63	19	6	4	EMCL40/4	21,50	EMCL40F/4	32,30
5,0	68	24	6	4	EMCL50/4	21,50	EMCL50F/4	32,30
6,0	68	24	6	4	EMCL60/4	21,50	EMCL60F/4	32,30
8,0	88	38	10	4	EMCL80/4	30,30	EMCL80F/4	45,50
10,0	95	45	10	4	EMCL100/4	30,30	EMCL100F/4	45,50
12,0	110	53	12	4	EMCL120/4	42,30	EMCL120F/4	63,40
14,0	110	53	12	4	EMCL140/4	48,30	EMCL140F/4	72,50
16,0	123	63	12	4	EMCL160/4	59,00	EMCL160F/4	88,50
18,0	123	63	16	4	EMCL180/4	73,10	EMCL180F/4	109,70
20,0	141	75	16	6	EMCL200/6	97,20	EMCL200F/6	145,80



- I** FRESE 4 DENTI PER SGROSSARE E SEMIFINIRE IN HSS-Co_{8%} - CILINDRICA - SERIE CORTA
- F** FRAISES 4 DENTS D'EBAUCHE EN HSS-Co_{8%} - CYLINDRIQUE - SERIE COURTE
- GB** 4 FLUTES HSS-Co_{8%} STRAIGHT SHANK END MILL FOR ROUGHING AND FINISHING - CYLINDRICAL - SHORT SERIES
- D** 4 SCHNEIDEN HSS-Co_{8%} SCHRUPPEN FRÄSER - ZYLINDERSCHAFT - KURZ
- SP** FRESAS 4 LABIOS EN HSS-Co_{8%}, DESBASTE GRUESO - SERIE CORTA



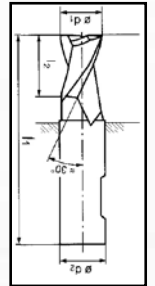
∅	L mm	l mm	∅ h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
10,0	72	22	10	4	EMS100/4	45,50	EMS100F/4	68,30
12,0	83	26	12	4	EMS120/4	50,70	EMS120F/4	76,00
14,0	83	26	12	4	EMS140/4	64,30	EMS140F/4	96,50
16,0	92	32	16	4	EMS160/4	72,10	EMS160F/4	108,20
18,0	92	32	16	4	EMS180/4	75,90	EMS180F/4	113,90
20,0	104	38	20	4	EMS200/4	87,30	EMS200F/4	130,90
22,0	104	38	20	4	EMS220/4	110,30	EMS220F/4	165,40



- I** FRESE 4 DENTI PER SGROSSARE E SEMIFINIRE IN HSS-Co_{8%} - SERIE LUNGA
- F** FRAISES 4 DENTS D'EBAUCHE EN HSS-Co_{8%} - SERIE LONGUE
- GB** 4 FLUTES HSS-Co_{8%} STRAIGHT SHANK END MILL FOR ROUGHING AND FINISHING - LONG SERIES
- D** 4 SCHNEIDEN HSS-Co_{8%} SCHRUPPEN FRÄSER - ZYLINDERSCHAFT - TIEF
- SP** FRESAS 4 LABIOS EN HSS-Co_{8%} DESBASTE GRUESO - SERIE LARGA



∅	L mm	l mm	∅ h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
10,0	95	45	10	4	EMSL100/4	59,70	EMSL100F/4	85,50
12,0	110	53	12	4	EMSL120/4	69,90	EMSL120F/4	103,40
14,0	110	53	12	4	EMSL140/4	96,50	EMSL140F/4	144,50
16,0	123	63	16	4	EMSL160/4	101,10	EMSL160F/4	151,70
18,0	123	63	16	4	EMSL180/4	114,90	EMSL180F/4	172,30
20,0	141	75	20	4	EMSL200/4	126,30	EMSL200F/4	189,50



- I** FRESE A CODOLO CILINDRICO IN HSS-Co_{8%} PER ALLUMINIO E PVC A 1 TAGLIENTE
- F** FRAISES A DETOURER EN HSS-Co_{8%} 1 DENTS POUR ALUMINIUM ET PVC
- GB** 1 FLUTE HSS-Co_{8%} STRAIGHT SHANK END MILLS FOR ALLUMINIUM
- D** 1 SCHNEIDIG HSS-Co_{8%} FRÄSER FÜR ALUMINIUM
- SP** FRESAS EN HSS-Co_{8%} 1 LABIO PARA ALUMINIO Y PVC



∅	L mm	l mm	∅ h6 mm	z	Cod. HSS-Co _{8%}	€	Cod. HSS-Co _{8%} + TiAIN	€
3,0	60	12	8	1	EMC30/1	16,60	EMC30F/1	24,90
4,0	60	12	8	1	EMC40/1	16,60	EMC40F/1	24,90
5,0	60	14	8	1	EMC50/1	16,60	EMC50F/1	24,90
6,0	60	14	8	1	EMC60/1	17,80	EMC60F/1	26,70
7,0	60	14	8	1	EMC70/1	17,80	EMC70F/1	26,70
8,0	60	14	8	1	EMC80/1	17,80	EMC80F/1	26,70
9,0	60	14	8	1	EMC90/1	24,20	EMC90F/1	36,30
10,0	60	14	8	1	EMC100/1	24,20	EMC100F/1	36,30

