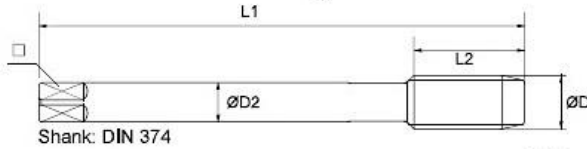


MACHOS DE MAQUINA DIN-374-SP

HSSE DIREITOS

HSSE ESQUERDOS

**Machine Taps - Form B
for through holes**



for general use

through holes up to 4 x D
material: HSSE
4-5 threads

Chip removal (like picture)
ISO2/6H
outside cooling and lubrication

Form B with spiral point
to 900 N/mm²
27.1 HRC



Left-hand thread

through holes up to 4 x D
material: HSSE
4-5 threads

Chip removal (like picture)
ISO2/6H
outside cooling and lubrication

Form B with spiral point
to 900 N/mm²
27.1 HRC



DIN 374

MF

D1 D2 L1 L2

No.

€

No.

€

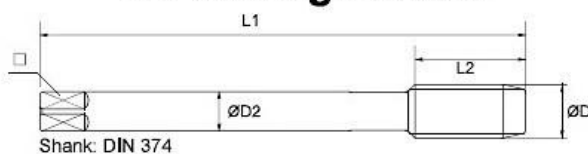
MF	D1	D2	L1	L2			No.	€	No.	€
MF 3 x 0,35	3,0	2,2	56	9	-	2,65	120401001	13,59	120402001	29,18
MF 4 x 0,35	4,0	2,8	63	10	2,1	3,65	120401002	13,59	120402002	29,18
MF 4 x 0,5	4,0	2,8	63	10	2,1	3,50	120401003	13,59	120402003	29,18
MF 5 x 0,5	5,0	3,5	70	12	2,7	4,50	120401004	13,59	120402004	29,18
MF 5 x 0,75	5,0	3,5	70	12	2,7	4,25	120401005	13,59	120402005	29,18
MF 6 x 0,5	6,0	4,5	80	14	3,4	5,50	120401006	13,59	120402006	29,18
MF 6 x 0,75	6,0	4,5	80	14	3,4	5,20	120401007	13,59	120402007	29,18
MF 7 x 0,75	7,0	5,5	80	14	4,3	6,20	120401008	13,59	120402008	29,18
MF 8 x 0,5	8,0	6,0	80	19	4,9	7,50	120401009	13,59	120402009	29,18
MF 8 x 0,75	8,0	6,0	80	19	4,9	7,20	120401010	13,59	120402010	29,18
MF 8 x 1,0	8,0	6,0	90	22	4,9	7,00	120401011	13,59	120402011	29,18
MF 9 x 0,75	9,0	7,0	80	19	5,5	8,25	120401012	13,59	120402012	29,18
MF 9 x 1,0	9,0	7,0	90	22	5,5	8,00	120401013	13,59	120402013	29,18
MF 10 x 0,75	10,0	7,0	90	20	5,5	9,20	120401014	15,71	120402014	32,52
MF 10 x 1,0	10,0	7,0	90	20	5,5	9,00	120401015	15,71	120402015	32,52
MF 10 x 1,25	10,0	7,0	100	24	5,5	8,80	120401016	15,71	120402016	32,52
MF 11 x 1,0	11,0	8,0	90	20	6,2	10,00	120401017	21,60	120402017	45,44
MF 11 x 1,25	11,0	8,0	90	22	6,2	10,80	120401018	21,60	120402018	45,44
MF 12 x 0,75	12,0	9,0	100	22	7,0	10,20	120401019	21,60	120402019	45,44
MF 12 x 1,0	12,0	9,0	100	22	7,0	11,00	120401020	21,60	120402020	45,44
MF 12 x 1,25	12,0	9,0	100	22	7,0	10,80	120401021	21,60	120402021	45,44
MF 12 x 1,5	12,0	9,0	100	22	7,0	10,50	120401022	21,60	120402022	45,44
MF 13 x 1,0	13,0	11,0	100	22	9,0	12,00	120401023	27,84	120402023	55,24
MF 13 x 1,5	13,0	11,0	100	22	9,0	11,50	120401024	27,84	120402024	55,24
MF 14 x 0,75	14,0	11,0	100	22	9,0	13,20	120401025	27,84	120402025	55,24
MF 14 x 1,0	14,0	11,0	100	22	9,0	13,00	120401026	27,84	120402026	55,24
MF 14 x 1,25	14,0	11,0	100	22	9,0	12,80	120401027	27,84	120402027	55,24
MF 14 x 1,5	14,0	11,0	100	22	9,0	12,50	120401028	27,84	120402028	55,24
MF 15 x 1,0	15,0	12,0	100	22	9,0	14,00	120401029	30,63	120402029	64,04
MF 15 x 1,5	15,0	12,0	100	22	9,0	13,50	120401030	30,63	120402030	64,04
MF 16 x 1,0	16,0	12,0	100	22	9,0	15,00	120401031	31,19	120402031	64,04
MF 16 x 1,25	16,0	12,0	100	22	9,0	14,80	120401032	31,19	120402032	64,04
MF 16 x 1,5	16,0	12,0	100	22	9,0	14,50	120401033	30,99	120402033	64,04
MF 18 x 1,0	18,0	14,0	110	25	11,0	17,00	120401034	37,86	120402034	76,85
MF 18 x 1,25	18,0	14,0	110	25	11,0	16,80	120401035	37,86	120402035	76,85
MF 18 x 1,5	18,0	14,0	110	25	11,0	16,50	120401036	37,86	120402036	76,85
MF 18 x 2,0	18,0	14,0	125	34	11,0	16,00	120401037	37,86	120402037	76,85
MF 20 x 1,0	20,0	16,0	125	25	12,0	19,00	120401038	42,33	120402038	84,64
MF 20 x 1,25	20,0	16,0	125	25	12,0	18,80	120401039	42,33	120402039	84,64
MF 20 x 1,5	20,0	16,0	125	25	12,0	18,50	120401040	42,33	120402040	84,64
MF 20 x 2,0	20,0	16,0	140	34	12,0	18,00	120401041	42,33	120402041	84,64
MF 21 x 1,5	21,0	16,0	125	25	12,0	19,50	120401042	42,33	120402042	84,64
MF 22 x 1,0	22,0	18,0	125	25	14,5	21,00	120401043	51,23	120402043	105,80
MF 22 x 1,25	22,0	18,0	125	25	14,5	20,80	120401044	51,23	120402044	105,80
MF 22 x 1,5	22,0	18,0	125	25	14,5	20,50	120401045	51,23	120402045	105,80
MF 22 x 2,0	22,0	18,0	140	34	14,5	20,00	120401046	51,23	120402046	105,80
MF 23 x 1,5	23,0	18,0	125	25	14,5	21,50	120401047	60,15	120402047	122,52
MF 24 x 1,0	24,0	18,0	140	28	14,5	23,00	120401048	60,15	120402048	122,52
MF 24 x 1,25	24,0	18,0	140	28	14,5	23,80	120401049	60,15	120402049	122,52
MF 24 x 1,5	24,0	18,0	140	28	14,5	22,50	120401050	60,15	120402050	122,52
MF 24 x 2,0	24,0	18,0	140	28	14,5	22,00	120401051	60,15	120402051	122,52
MF 25 x 1,0	25,0	18,0	140	28	14,5	24,00	120401052	63,49	120402052	122,52

MACHOS DE MAQUINA DIN-374

HSSE DIREITOS

HSSE ESQUERDOS

Machine Taps - Form B for through holes



for general use

through holes up to 4 x D
 material: HSSE
 4-5 threads

Chip removal (like picture)
 ISO2/6H
 outside cooling and lubrication

Form B with spiral point
 to 900 N/mm²
 27.1 HRC



Left-hand thread

through holes up to 4 x D
 material: HSSE
 4-5 threads

Chip removal (like picture)
 ISO2/6H
 outside cooling and lubrication

Form B with spiral point
 to 900 N/mm²
 27.1 HRC



DIN 374

MF

D1 D2 L1 L2 □

No.

€

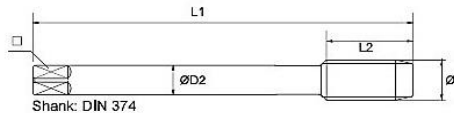
No.

€

MF 25 x 1,5	25,0	18,0	140	28	14,5	23,50	120401053	63,49	120402053	122,52
MF 26 x 1,0	26,0	18,0	140	28	14,5	25,00	120401054	63,49	120402054	122,52
MF 26 x 1,5	26,0	18,0	140	28	14,5	24,50	120401055	63,49	120402055	122,52
MF 26 x 2,0	26,0	18,0	140	28	14,5	24,00	120401056	63,49	120402056	122,52
MF 27 x 1,0	27,0	20,0	140	28	16,0	26,00	120401057	75,74	120402057	154,80
MF 27 x 1,5	27,0	20,0	140	28	16,0	25,50	120401058	75,74	120402058	154,80
MF 27 x 2,0	27,0	20,0	140	28	16,0	25,00	120401059	75,74	120402059	154,80
MF 28 x 1,0	28,0	20,0	140	28	16,0	27,00	120401060	75,74	120402060	154,80
MF 28 x 1,5	28,0	20,0	140	28	16,0	26,50	120401061	75,74	120402061	154,80
MF 28 x 2,0	28,0	20,0	140	28	16,0	26,00	120401062	75,74	120402062	154,80
MF 29 x 1,5	29,0	22,0	150	28	18,0	27,50	120401063	85,75	120402063	176,53
MF 30 x 1,0	30,0	22,0	150	28	18,0	29,00	120401064	85,75	120402064	176,53
MF 30 x 1,5	30,0	22,0	150	28	18,0	28,50	120401065	85,75	120402065	176,53
MF 30 x 2,0	30,0	22,0	150	28	18,0	28,00	120401066	85,75	120402066	176,53
MF 30 x 2,5	30,0	22,0	180	45	18,0	27,50	120401067	85,75	120402067	176,53
MF 30 x 3,0	30,0	22,0	180	45	18,0	27,00	120401068	85,75	120402068	176,53
MF 32 x 1,5	32,0	22,0	150	28	18,0	30,50	120401069	104,69	120402069	218,31
MF 32 x 2,0	32,0	22,0	150	28	18,0	30,00	120401070	104,69	120402070	218,31
MF 32 x 3,0	32,0	22,0	180	50	18,0	29,00	120401071	104,69	120402071	218,31
MF 33 x 1,5	33,0	25,0	160	30	20,0	31,50	120401072	104,69	120402072	218,31
MF 33 x 2,0	33,0	25,0	160	30	20,0	31,00	120401073	104,69	120402073	218,31
MF 33 x 3,0	33,0	25,0	180	50	20,0	30,00	120401074	104,69	120402074	218,31
MF 34 x 1,5	34,0	28,0	170	30	22,0	32,50	120401075	104,69	120402075	218,31
MF 34 x 2,0	34,0	28,0	170	30	22,0	32,00	120401076	104,69	120402076	218,31
MF 35 x 1,5	35,0	28,0	170	30	22,0	33,50	120401077	104,69	120402077	218,31
MF 36 x 1,5	36,0	28,0	170	30	22,0	34,50	120401078	131,43	120402078	273,99
MF 36 x 2,0	36,0	28,0	170	30	22,0	34,00	120401079	131,43	120402079	273,99
MF 36 x 3,0	36,0	28,0	200	56	22,0	33,00	120401080	131,43	120402080	273,99
MF 38 x 1,5	38,0	28,0	170	30	22,0	36,50	120401081	139,21	120402081	289,57
MF 39 x 1,5	39,0	32,0	170	30	24,0	37,50	120401082	139,21	120402082	289,57
MF 39 x 2,0	39,0	32,0	170	30	24,0	37,00	120401083	139,21	120402083	289,57
MF 39 x 3,0	39,0	32,0	200	60	24,0	36,00	120401084	139,21	120402084	289,57
MF 40 x 1,5	40,0	32,0	170	30	24,0	38,50	120401085	153,69	120402085	317,42
MF 40 x 2,0	40,0	32,0	170	30	24,0	38,00	120401086	153,69	120402086	317,42
MF 40 x 3,0	40,0	32,0	200	60	24,0	37,00	120401087	153,69	120402087	317,42
MF 42 x 1,5	42,0	32,0	170	30	24,0	40,50	120401088	173,75	120402088	354,18
MF 42 x 2,0	42,0	32,0	170	30	24,0	40,00	120401089	173,75	120402089	354,18
MF 42 x 3,0	42,0	32,0	200	60	24,0	39,00	120401090	173,75	120402090	354,18
MF 45 x 1,5	45,0	36,0	180	32	29,0	43,50	120401091	202,70	120402091	417,65
MF 45 x 2,0	45,0	36,0	180	32	29,0	43,00	120401092	202,70	120402092	417,65
MF 45 x 3,0	45,0	36,0	200	50	29,0	42,00	120401093	202,70	120402093	417,65
MF 48 x 1,5	48,0	36,0	190	32	29,0	46,50	120401094	242,79	120402094	503,44
MF 48 x 2,0	48,0	36,0	190	32	29,0	46,00	120401095	242,79	120402095	503,44
MF 48 x 3,0	48,0	36,0	225	50	29,0	45,00	120401096	242,79	120402096	503,44
MF 50 x 1,5	50,0	36,0	190	32	29,0	48,50	120401097	285,14	120402097	584,71
MF 50 x 2,0	50,0	36,0	190	32	29,0	48,00	120401098	285,14	120402098	584,71
MF 50 x 3,0	50,0	36,0	225	50	29,0	47,00	120401099	285,14	120402099	584,71
MF 52 x 1,5	52,0	40,0	190	32	32,0	50,50	120401100	309,90	120402100	645,96
MF 52 x 2,0	52,0	40,0	190	32	32,0	50,00	120401101	309,90	120402101	645,96
MF 52 x 3,0	52,0	40,0	225	50	32,0	49,00	120401102	309,90	120402102	645,96
MF 63 x 1,5	63,0	50,0	275	50	39,0	61,50	120401103	554,65		

MACHOS DE MAQUINA DIN-374 HSSE-TiN 1300N HSSE-TiAIN (INOX) HSSE-TiN (alumínio)

Machine Taps - Form B for through holes



Machine Tap for high-alloy steels

through holes up to 2.5 x D
 material: HSSE TiN
 Chip removal (like picture) ISO2/6H
 Form B with spiral point to 1300 N/mm² 41 HRC
 4-5 threads outside cooling and lubrication



Machine Tap for stainless steels

through holes up to 2.5 x D
 material: HSSE TiAIN
 Chip removal (like picture) ISO2/6H
 Form B with spiral point to 1300 N/mm² 41 HRC
 4-5 threads outside cooling and lubrication



Machine Tap for aluminum

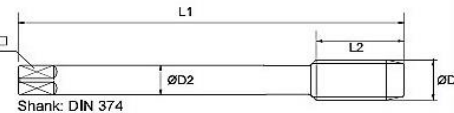
through holes up to 3 x D
 material: HSSE TiN
 Chip removal (like picture) ISO2/6H
 Form B with spiral point to 900 N/mm² 27.1 HRC
 4-5 threads outside cooling and lubrication



MF	D1	D2	L1	L2	□	No.	€	No.	€	No.	€	
MF 6 x 0,75	6,0	4,5	80	14	3,4	5,20	120404001	30,95	120405001	41,77	120407001	41,77
MF 8 x 1,0	8,0	6,0	90	22	4,9	7,00	120404002	36,36	120405002	44,85	120407002	44,85
MF 10 x 1,0	10,0	7,0	90	20	5,5	9,00	120404003	41,77	120405003	46,99	120407003	46,99
MF 10 x 1,25	10,0	7,0	100	24	5,5	8,80	120404004	44,08	120405004	52,52	120407004	52,52
MF 12 x 1,0	12,0	9,0	100	22	7,0	11,00	120404005	49,70	120405005	58,66	120407005	58,66
MF 12 x 1,25	12,0	9,0	100	22	7,0	10,80	120404006	51,62	120405006	63,58	120407006	63,58
MF 12 x 1,5	12,0	9,0	100	22	7,0	10,50	120404007	48,25	120405007	56,05	120407007	56,05
MF 14 x 1,25	14,0	11,0	100	22	9,0	12,80	120404008	61,09	120405008	72,94	120407008	72,94
MF 14 x 1,5	14,0	11,0	100	22	9,0	12,50	120404009	57,39	120405009	72,94	120407009	72,94
MF 16 x 1,5	16,0	12,0	100	22	9,0	14,50	120404010	72,67	120405010	81,08	120407010	81,08
MF 18 x 1,5	18,0	14,0	110	25	11,0	16,50	120404011	92,85	120405011	100,58	120407011	100,58
MF 20 x 1,5	20,0	16,0	125	25	12,0	18,50	120404012	104,96	120405012	109,96	120407012	109,96

MACHOS DE MAQUINA DIN-374 HSSE-PM-TiAIN 1200N HSSE-TiN (LL) HSSE 6G

Machine Taps - Form B for through holes



for special alloys (Inconel, Hastelloy etc.)

through holes up to 2.5 x D
 material: HSSE-PM TiAIN
 Chip removal (like picture) ISO2/6H
 Form B with spiral point to 1200 N/mm² 38 HRC
 4-5 threads outside cooling and lubrication



with longer tool life time

through holes up to 2.5 x D
 material: HSSE TiN
 Chip removal (like picture) ISO2/6H
 Form B with spiral point to 900 N/mm² 27.1 HRC
 4-5 threads outside cooling and lubrication



for general use oversized (diameter)

through holes up to 3 x D
 material: HSSE
 Chip removal (like picture) ISO3/66
 Form B with spiral point to 900 N/mm² 27.1 HRC
 4-5 threads outside cooling and lubrication

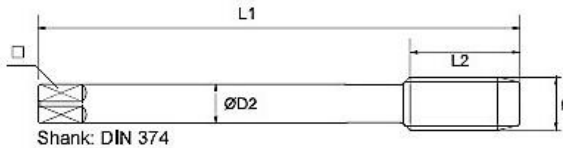


MF	D1	D2	L1	L2	□	No.	€	No.	€	No.	€	
MF 6 x 0,75	6,0	4,5	80	14	3,4	5,20		120425001	30,84	120417001	39,76	
MF 8 x 1,0	8,0	6,0	90	22	4,9	7,00	120412001	65,81	120425002	36,18	120417002	40,10
MF 10 x 1,0	10,0	7,0	90	20	5,5	9,00	120412002	70,10	120425003	42,30	120417003	41,65
MF 10 x 1,25	10,0	7,0	100	24	5,5	8,80	120412003	70,10	120425004	54,00	120417004	50,39
MF 12 x 1,0	12,0	9,0	100	22	7,0	11,00	120412004	110,89	120425005	57,31		
MF 12 x 1,25	12,0	9,0	100	22	7,0	10,80	120412005	101,80	120425006	54,00		
MF 12 x 1,5	12,0	9,0	100	22	7,0	10,50	120412006	101,80	120425007	65,95	120417005	44,90
MF 14 x 1,25	14,0	11,0	100	22	9,0	12,80		120425008	70,52			
MF 14 x 1,5	14,0	11,0	100	22	9,0	12,50	120412007	137,97	120425009	73,87	120417006	62,73
MF 16 x 1,5	16,0	12,0	100	22	9,0	14,50	120412008	151,33	120425010	81,91		
MF 18 x 1,5	18,0	14,0	110	25	11,0	16,50	120412009	201,72	120425011	96,61		
MF 20 x 1,5	20,0	16,0	125	25	12,0	18,50	120412010	265,31	120425012	109,96		

Tot. 6G:
threads with large clearance

MACHOS DE MAQUINA DIN-374-C HSSE-TiCN (Funição) HSSE-TiCN (Latão)

Machine Taps - Form C for through holes and blind holes



Machine Tap for cast materials

through holes & blind holes up to 2.5 x D
 material: HSSE TiCN
 Chip removal (like picture) ISO2/6H
 Form C straight flutes to 1000 N/mm² 32 HRC
 2-3 threads outside cooling and lubrication



Machine Tap for brass (short-chipping)

through holes & blind holes up to 2.5 x D
 material: HSSE TiCN
 Chip removal (like picture) ISO2/6H
 Form C straight flutes to 1000 N/mm² 32 HRC
 2-3 threads outside cooling and lubrication



MF	D1	D2	L1	L2	□	No.	€	No.	€	
MF 4 x 0,5	4,0	2,8	63	10	2,1	3,50	120510001	47,25	120509001	44,30
MF 5 x 0,5	5,0	3,5	70	12	2,7	4,50	120510002	47,25	120509002	44,30
MF 6 x 0,75	6,0	4,5	80	14	3,4	5,20	120510003	47,82	120509003	44,82
MF 8 x 1,0	8,0	6,0	90	22	4,9	7,00	120510004	50,84	120509004	47,66
MF 10 x 1,0	10,0	7,0	90	20	5,5	9,00	120510005	41,09	120509005	50,33
MF 10 x 1,25	10,0	7,0	100	24	5,5	8,80	120510006	53,68	120509006	50,33
MF 12 x 1,25	12,0	9,0	100	22	7,0	10,80	120510007	55,37	120509007	60,95
MF 12 x 1,5	12,0	9,0	100	22	7,0	10,50	120510008	52,26	120509008	60,95
MF 14 x 1,25	14,0	11,0	100	22	9,0	12,80	120510009	90,72	120509009	85,05
MF 14 x 1,5	14,0	11,0	100	22	9,0	12,50	120510010	61,93	120509010	78,32
MF 16 x 1,5	16,0	12,0	100	22	9,0	14,50	120510011	65,01	120509011	86,47
MF 18 x 1,5	18,0	14,0	110	25	11,0	16,50	120510012	79,15	120509012	103,30
MF 20 x 1,5	20,0	16,0	125	25	12,0	18,50	120510013	93,44	120509013	115,00

Machine Taps - Form C for blind holes

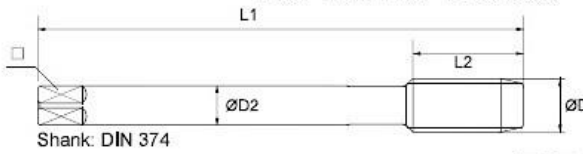
Machine Tap for general use



Machine Tap for general use



Left-hand thread



blind holes up to 3 x D
 material: HSSE
 Chip removal (like picture)
 ISO2/6H
 Form C 35° spiral flute
 to 900 N/mm² 27,1 HRC

DIN 374

blind holes up to 3 x D
 material: HSSE
 Chip removal (like picture)
 ISO2/6H
 Form C 35° left spir. flute
 to 900 N/mm² 27,1 HRC

DIN 374

MF

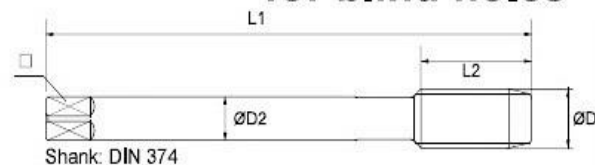
D1 D2 L1 L2 □

No. €

No. €

MF	D1	D2	L1	L2	□		No.	€	No.	€
MF 3 x 0,35	3,0	2,2	56	5	-	2,65	120601001	15,37	120602001	32,52
MF 4 x 0,35	4,0	2,8	63	5	2,1	3,65	120601002	15,37	120602002	32,52
MF 4 x 0,5	4,0	2,8	63	5	2,1	3,50	120601003	15,37	120602003	32,52
MF 5 x 0,5	5,0	3,5	70	5	2,7	4,50	120601004	15,37	120602004	32,52
MF 5 x 0,75	5,0	3,5	70	8	2,7	4,25	120601005	15,37	120602005	32,52
MF 6 x 0,5	6,0	4,5	80	5	3,4	5,50	120601006	15,37	120602006	32,52
MF 6 x 0,75	6,0	4,5	80	8	3,4	5,20	120601007	15,37	120602007	32,52
MF 7 x 0,75	7,0	5,5	80	8	4,3	6,20	120601008	15,37	120602008	32,52
MF 8 x 0,5	8,0	6,0	80	8	4,9	7,50	120601009	15,37	120602009	32,52
MF 8 x 0,75	8,0	6,0	80	8	4,9	7,20	120601010	15,37	120602010	32,52
MF 8 x 1,0	8,0	6,0	90	10	4,9	7,00	120601011	15,37	120602011	32,52
MF 9 x 0,75	9,0	7,0	80	10	5,5	8,25	120601012	15,37	120602012	32,52
MF 9 x 1,0	9,0	7,0	90	10	5,5	8,00	120601013	15,37	120602013	32,52
MF 10 x 0,75	10,0	7,0	90	10	5,5	9,20	120601014	18,15	120602014	39,32
MF 10 x 1,0	10,0	7,0	90	10	5,5	9,00	120601015	18,15	120602015	39,32
MF 10 x 1,25	10,0	7,0	100	16	5,5	8,80	120601016	18,15	120602016	39,32
MF 11 x 1,0	11,0	8,0	90	11	6,2	10,00	120601017	23,39	120602017	50,34
MF 11 x 1,25	11,0	8,0	90	14	6,2	10,80	120601018	23,39	120602018	50,34
MF 12 x 0,75	12,0	9,0	100	10	7,0	10,20	120601019	23,39	120602019	50,34
MF 12 x 1,0	12,0	9,0	100	11	7,0	11,00	120601020	23,39	120602020	50,34
MF 12 x 1,25	12,0	9,0	100	15	7,0	10,80	120601021	23,39	120602021	50,34
MF 12 x 1,5	12,0	9,0	100	15	7,0	10,50	120601022	23,39	120602022	50,34
MF 13 x 1,0	13,0	11,0	100	11	9,0	12,00	120601023	28,62	120602023	61,48
MF 13 x 1,5	13,0	11,0	100	15	9,0	11,50	120601024	28,62	120602024	61,48
MF 14 x 0,75	14,0	11,0	100	10	9,0	13,20	120601025	28,62	120602025	61,48
MF 14 x 1,0	14,0	11,0	100	11	9,0	13,00	120601026	28,62	120602026	61,48
MF 14 x 1,25	14,0	11,0	100	15	9,0	12,80	120601027	28,62	120602027	61,48
MF 14 x 1,5	14,0	11,0	100	15	9,0	12,50	120601028	28,62	120602028	61,48
MF 15 x 1,0	15,0	12,0	100	12	9,0	14,00	120601029	33,19	120602029	70,50
MF 15 x 1,5	15,0	12,0	100	15	9,0	13,50	120601030	33,19	120602030	70,50
MF 16 x 1,0	16,0	12,0	100	12	9,0	15,00	120601031	33,19	120602031	70,50
MF 16 x 1,25	16,0	12,0	100	15	9,0	14,80	120601032	33,19	120602032	70,50
MF 16 x 1,5	16,0	12,0	100	15	9,0	14,50	120601033	33,19	120602033	70,50
MF 18 x 1,0	18,0	14,0	110	13	11,0	17,00	120601034	42,21	120602034	87,43
MF 18 x 1,25	18,0	14,0	110	15	11,0	16,80	120601035	42,21	120602035	87,43
MF 18 x 1,5	18,0	14,0	110	17	11,0	16,50	120601036	42,21	120602036	87,43
MF 18 x 2,0	18,0	14,0	125	20	11,0	16,00	120601037	42,21	120602037	87,43
MF 20 x 1,0	20,0	16,0	125	14	12,0	19,00	120601038	46,78	120602038	97,56
MF 20 x 1,25	20,0	16,0	125	17	12,0	18,80	120601039	46,78	120602039	97,56
MF 20 x 1,5	20,0	16,0	125	17	12,0	18,50	120601040	46,78	120602040	97,56
MF 20 x 2,0	20,0	16,0	140	20	12,0	18,00	120601041	46,78	120602041	97,56
MF 21 x 1,5	21,0	16,0	125	17	12,0	19,50	120601042	46,78	120602042	97,56
MF 22 x 1,0	22,0	18,0	125	14	14,5	21,00	120601043	56,80	120602043	116,94
MF 22 x 1,25	22,0	18,0	125	17	14,5	20,80	120601044	56,80	120602044	116,94
MF 22 x 1,5	22,0	18,0	125	17	14,5	20,50	120601045	56,80	120602045	116,94
MF 22 x 2,0	22,0	18,0	140	20	14,5	20,00	120601046	56,80	120602046	116,94
MF 23 x 1,5	23,0	18,0	125	17	14,5	21,50	120601047	67,94	120602047	140,33
MF 24 x 1,0	24,0	18,0	140	15	14,5	23,00	120601048	67,94	120602048	140,33
MF 24 x 1,25	24,0	18,0	140	17	14,5	23,80	120601049	67,94	120602049	140,33
MF 24 x 1,5	24,0	18,0	140	20	14,5	22,50	120601050	67,94	120602050	140,33
MF 24 x 2,0	24,0	18,0	140	20	14,5	22,00	120601051	67,94	120602051	140,33
MF 25 x 1,0	25,0	18,0	140	15	14,5	24,00	120601052	71,29	120602052	140,33
MF 25 x 1,5	25,0	18,0	140	20	14,5	23,50	120601053	71,29	120602053	140,33
MF 26 x 1,0	26,0	18,0	140	15	14,5	25,00	120601054	71,29	120602054	140,33
MF 26 x 1,5	26,0	18,0	140	20	14,5	24,50	120601055	71,29	120602055	140,33
MF 26 x 2,0	26,0	18,0	140	20	14,5	24,00	120601056	71,29	120602056	140,33
MF 27 x 1,0	27,0	20,0	140	15	16,0	26,00	120601057	82,42	120602057	170,41

Machine Taps - Form C for blind holes



Machine Tap for general use

blind holes
up to 3 x D
material:
HSSE

Chip removal
(like picture)
ISO2/6H

Form C 35°
spiral flute
to 900 N/mm²
27,1 HRC



Machine Tap for general use

Left-hand thread

blind holes
up to 3 x D
material:
HSSE

Chip removal
(like picture)
ISO2/6H

Form C 35°
left spir. flute
to 900 N/mm²
27,1 HRC



MF

D1 D2 L1 L2 □

No. €

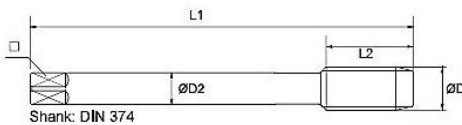
No. €

MF	D1	D2	L1	L2	□	No.	€	No.	€	
MF 27 x 1,5	27,0	20,0	140	20	16,0	25,50	120601058	81,31	120602058	170,41
MF 27 x 2,0	27,0	20,0	140	20	16,0	25,00	120601059	81,31	120602059	170,41
MF 28 x 1,0	28,0	20,0	140	15	16,0	27,00	120601060	81,31	120602060	170,41
MF 28 x 1,5	28,0	20,0	140	20	16,0	26,50	120601061	81,31	120602061	170,41
MF 28 x 2,0	28,0	20,0	140	20	16,0	26,00	120601062	81,31	120602062	170,41
MF 29 x 1,5	29,0	22,0	150	22	18,0	27,50	120601063	93,55	120602063	193,78
MF 30 x 1,0	30,0	22,0	150	17	18,0	29,00	120601064	93,55	120602064	193,78
MF 30 x 1,5	30,0	22,0	150	22	18,0	28,50	120601065	93,55	120602065	193,78
MF 30 x 2,0	30,0	22,0	150	22	18,0	28,00	120601066	93,55	120602066	193,78
MF 30 x 2,5	30,0	22,0	180	27	18,0	27,50	120601067	93,55	120602067	193,78
MF 30 x 3,0	30,0	22,0	180	30	18,0	27,00	120601068	93,55	120602068	193,78
MF 32 x 1,5	32,0	22,0	150	22	18,0	30,50	120601069	115,83	120602069	241,69
MF 32 x 2,0	32,0	22,0	150	22	18,0	30,00	120601070	115,83	120602070	241,69
MF 32 x 3,0	32,0	22,0	180	30	18,0	29,00	120601071	115,83	120602071	241,69
MF 33 x 1,5	33,0	25,0	160	24	20,0	31,50	120601072	115,83	120602072	241,69
MF 33 x 2,0	33,0	25,0	160	24	20,0	31,00	120601073	115,83	120602073	241,69
MF 33 x 3,0	33,0	25,0	180	30	20,0	30,00	120601074	115,83	120602074	241,69
MF 34 x 1,5	34,0	28,0	170	24	22,0	32,50	120601075	115,83	120602075	241,69
MF 34 x 2,0	34,0	28,0	170	24	22,0	32,00	120601076	115,83	120602076	241,69
MF 35 x 1,5	35,0	28,0	170	24	22,0	33,50	120601077	115,83	120602077	241,69
MF 36 x 1,5	36,0	28,0	170	24	22,0	34,50	120601078	147,02	120602078	306,28
MF 36 x 2,0	36,0	28,0	170	24	22,0	34,00	120601079	147,02	120602079	306,28
MF 36 x 3,0	36,0	28,0	200	30	22,0	33,00	120601080	147,02	120602080	306,28
MF 38 x 1,5	38,0	28,0	170	24	22,0	36,50	120601081	154,82	120602081	319,66
MF 39 x 1,5	39,0	32,0	170	25	24,0	37,50	120601082	154,82	120602082	319,66
MF 39 x 2,0	39,0	32,0	170	25	24,0	37,00	120601083	154,82	120602083	319,66
MF 39 x 3,0	39,0	32,0	200	30	24,0	36,00	120601084	154,82	120602084	319,66
MF 40 x 1,5	40,0	32,0	170	25	24,0	38,50	120601085	171,53	120602085	347,49
MF 40 x 2,0	40,0	32,0	170	25	24,0	38,00	120601086	171,53	120602086	347,49
MF 40 x 3,0	40,0	32,0	200	30	24,0	37,00	120601087	171,53	120602087	347,49
MF 42 x 1,5	42,0	32,0	170	25	24,0	40,50	120601088	191,56	120602088	393,16
MF 42 x 2,0	42,0	32,0	170	25	24,0	40,00	120601089	191,56	120602089	393,16
MF 42 x 3,0	42,0	32,0	200	30	24,0	39,00	120601090	191,56	120602090	393,16
MF 45 x 1,5	45,0	36,0	180	27	29,0	43,50	120601091	223,87	120602091	462,21
MF 45 x 2,0	45,0	36,0	180	27	29,0	43,00	120601092	223,87	120602092	462,21
MF 45 x 3,0	45,0	36,0	200	30	29,0	42,00	120601093	223,87	120602093	462,21
MF 48 x 1,5	48,0	36,0	190	27	29,0	46,50	120601094	267,29	120602094	551,31
MF 48 x 2,0	48,0	36,0	190	27	29,0	46,00	120601095	267,29	120602095	551,31
MF 48 x 3,0	48,0	36,0	225	33	29,0	45,00	120601096	267,29	120602096	551,31
MF 50 x 1,5	50,0	36,0	190	27	29,0	48,50	120601097	311,86	120602097	641,53
MF 50 x 2,0	50,0	36,0	190	27	29,0	48,00	120601098	311,86	120602098	641,53
MF 50 x 3,0	50,0	36,0	225	33	29,0	47,00	120601099	311,86	120602099	641,53
MF 52 x 1,5	52,0	40,0	190	27	32,0	50,50	120601100	345,26	120602100	702,77
MF 52 x 2,0	52,0	40,0	190	27	32,0	50,00	120601101	345,26	120602101	702,77
MF 52 x 3,0	52,0	40,0	225	33	32,0	49,00	120601102	345,26	120602102	702,77
MF 63 x 1,5	63,0	50,0	275	40	39,0	61,50	120601103	590,29		

MACHOS DE MAQUINA DIN-374 HSSE-TiN 1300N HSSE-TiAN (INOX) HSSE-PM-TiAN

Machine Taps - Form C
(with spiral flutes)
for blind holes

MF



for high-alloyed steels

blind holes up to 2.5 x D
material: HSSE TiN

Chip removal (like picture)
ISO2/6H

Form C 40° spiral flute
to 1300 N/mm²
41 HRC

2-3 threads
outside cooling and lubrication

PRO for stainless steels with high tool life time

blind holes up to 2.5 x D
material: HSSE TiAN

Chip removal (like picture)
ISO2/6H

Form C 35° spiral flute
to 1300 N/mm²
41 HRC

2-3 threads
outside cooling and lubrication

for special alloys (Inconel, Hastelloy etc.)

blind holes up to 2.5 x D
material: HSSE-PM TiAN

Chip removal (like picture)
ISO2/6H

Form C 45° spiral flute
to 1200 N/mm²
38 HRC

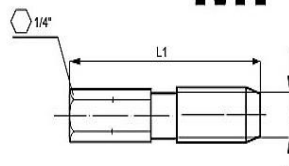
2-3 threads
outside cooling and lubrication

MF	D1	D2	L1	L2	□	No.	€	No.	€	No.	€	
MF 6 x 0,75	6,0	4,5	80	8	3,4	5,20	120604001	46,59	120605001	46,59		
MF 8 x 1,0	8,0	6,0	90	10	4,9	7,00	120604002	50,01	120605002	50,01	120612001	81,58
MF 10 x 1,0	10,0	7,0	90	10	5,5	9,00	120604003	52,42	120605003	52,42	120612002	89,64
MF 10 x 1,25	10,0	7,0	100	16	5,5	8,80	120604004	58,58	120605004	58,58	120612003	94,26
MF 12 x 1,0	12,0	9,0	100	11	7,0	11,00	120604005	65,43	120605005	65,43	120612004	126,48
MF 12 x 1,25	12,0	9,0	100	15	7,0	10,80	120604006	70,91	120605006	70,91	120612005	109,52
MF 12 x 1,5	12,0	9,0	100	15	7,0	10,50	120604007	62,52	120605007	62,52	120612006	106,95
MF 14 x 1,5	14,0	11,0	100	15	9,0	12,50	120604008	81,35	120605008	81,35	120612007	135,57
MF 16 x 1,5	16,0	12,0	100	15	9,0	14,50	120604009	81,35	120605009	81,35	120612008	162,13
MF 18 x 1,5	18,0	14,0	110	17	11,0	16,50	120604010	90,44	120605010	90,44	120612009	180,30
MF 20 x 1,5	20,0	16,0	125	17	12,0	18,50	120604011	112,19	120605011	112,19	120612010	208,06
MF 22 x 1,5	22,0	18,0	125	17	14,5	20,50	120604012	122,64	120605012	122,64		

MACHOS BIT DE 1/4" HSS 800N

Short Machine Taps
1/4" Bit

MF



Bit-Taps Form D for through holes and blind holes

through holes & blind holes up to 2 x D
material: HSSG

Chip removal (like picture)
ISO2/6H

Form D straight flutes
to 800 N/mm²
22.2 HRC

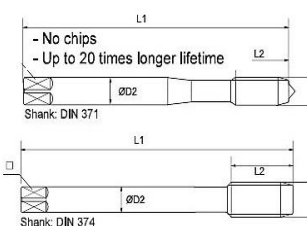
4-5 threads
outside cooling and lubrication

MF	D1	L1	L2	□	No.	€
MF 3 x 0,35	3,0	33,0	11	1/4"	121201001	*
MF 3,5 x 0,35	3,5	33,5	10	1/4"	121201002	*
MF 4 x 0,35	4,0	35,0	12	1/4"	121201003	*
MF 4 x 0,5	4,0	35,0	12	1/4"	121201004	*
MF 4,5 x 0,5	4,5	35,0	12	1/4"	121201005	*
MF 5 x 0,5	5,0	36,0	15	1/4"	121201006	*
MF 5 x 0,75	5,0	36,0	15	1/4"	121201007	*
MF 5,5 x 0,5	5,5	35,0	15	1/4"	121201008	*
MF 6 x 0,5	6,0	39,0	18	1/4"	121201009	*
MF 6 x 0,75	6,0	39,0	18	1/4"	121201010	*
MF 7 x 0,5	7,0	37,5	16	1/4"	121201011	*
MF 7 x 0,75	7,0	37,5	16	1/4"	121201012	*
MF 8 x 0,5	8,0	40,0	19	1/4"	121201013	*
MF 8 x 0,75	8,0	40,0	19	1/4"	121201014	*
MF 8 x 1	8,0	40,0	19	1/4"	121201015	*
MF 9 x 0,5	9,0	40,5	18	1/4"	121201016	*
MF 9 x 0,75	9,0	40,5	18	1/4"	121201017	*
MF 9 x 1	9,0	40,5	18	1/4"	121201018	*
MF 10 x 0,5	10,0	41,0	21	1/4"	121201019	*
MF 10 x 0,75	10,0	41,0	21	1/4"	121201020	*
MF 10 x 1,0	10,0	41,0	21	1/4"	121201021	* on request
MF 10 x 1,25	10,0	41,0	21	1/4"	121201022	*

MACHOS DE ESMAGAMENTO DIN-371-376-6HX-6GX

Same forming tap for through and blind hole
UNIform Machine Forming Taps

MF



for universal use

through holes & blind holes up to 2.5 x D
material: HSSE TiN

Threading with no chips
ISO2/6HX

with oil grooves
to 850 N/mm²
25.5 HRC

for universal use oversized (diameter)

through holes & blind holes up to 2.5 x D
material: HSSE TiN

Threading with no chips
ISO3/6GX

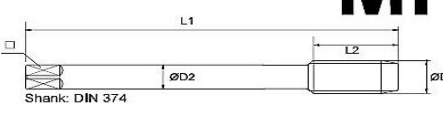
with oil grooves
to 850 N/mm²
25.5 HRC

MF	D1	D2	L1	L2	□	No.	6HX	€	No.	6GX	€
MF 3 x 0,35	3,0	3,5	56	10	2,7	2,85	121101001	85,52	121117001	104,45	
MF 4 x 0,5	4,0	4,5	63	12	3,4	3,80	121101002	53,93	121117002	96,06	
MF 5 x 0,5	5,0	6,0	70	14	4,9	4,80	121101003	54,62	121117003	96,06	
MF 6 x 0,75	6,0	6,0	80	16	4,9	5,65	121101004	53,93	121117004	94,84	
MF 8 x 1,0	8,0	8,0	90	18	6,2	7,55	121101005	62,16	121117005	102,61	
MF 10 x 1,0	10,0	10,0	90	18	8,0	9,55	121101006	71,98	121117006	108,95	
MF 10 x 1,25	10,0	10,0	100	20	8,0	9,45	121101007	75,64	121117007	108,95	
MF 12 x 1,0	12,0	9,0	100	22	7,0	11,55	121101008	85,01	121117008	134,90	
MF 12 x 1,25	12,0	9,0	100	22	7,0	11,45	121101009	88,66	121117009	134,90	
MF 12 x 1,5	12,0	9,0	100	22	7,0	11,30	121101010	82,49	121117010	134,90	
MF 14 x 1,25	14,0	11,0	100	22	9,0	13,45	121101011	105,35	121117011	176,81	
MF 14 x 1,5	14,0	11,0	100	22	9,0	13,30	121101012	98,72	121117012	176,81	
MF 16 x 1,5	16,0	12,0	100	22	9,0	15,30	121101013	125,00	121117013	215,44	
MF 18 x 1,5	18,0	14,0	110	22	11,0	17,30	121101014	160,42	121117014	255,51	
MF 20 x 1,5	20,0	16,0	125	25	12,0	19,30	121101015	180,53	121117015	348,72	

MACHOS DE MAQUINA DIN-374-6G

Machine Taps - Form C
(with spiral flutes)
for blind holes

MF



for general use oversized (diameter)

blind holes up to 3 x D
material: HSSE

Chip removal (like picture)
ISO3/6G

Form C 40° spiral flute
to 900 N/mm²
27.1 HRC

2-3 threads
outside cooling and lubrication

MF	D1	D2	L1	L2	□	No.	6G	€
MF 6 x 0,75	6,0	4,5	80	8	3,4	5,20	120617001	42,50
MF 8 x 1,0	8,0	6,0	90	10	4,9	7,00	120617002	42,50
MF 10 x 1,0	10,0	7,0	90	10	5,5	9,00	120617003	44,39
MF 10 x 1,25	10,0	7,0	100	16	5,5	8,80	120617004	62,04
MF 12 x 1,5	12,0	9,0	100	15	7,0	10,50	120617005	50,39
MF 14 x 1,5	14,0	11,0	100	15	9,0	12,50	120617006	69,07

OUTRAS CONFIGURAÇÕES - FAVOR CONSULTAR

ON REQUEST ANY OTHER EXECUTION