

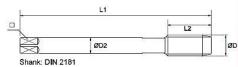
$Gumaster - Ferramentas \ e \ T\'ecnicas \ Inovadoras, \ Lda$

Ferramentas Energeticamente Ecológicas em todos os sentidos

Pag. 3CJC 2019

JOGOS DE MACHOS -MF- ROSCA METRICA FINA HSS ESQUERDOS





HSS DIREITOS Hand Tap Sets Hand Tap Sets for general use through holes & blind holes up to 2 x D Chip removal (like picture) straight flutes material: HSSG to 900 N/mm² |S02/6H 27,1 HRC



	Hand la	HSSE		
nd	for higher	demands		
es	through holes & blind holes up to 2 x D	Chip removal (like picture)	Form C straight flutes	
n ²	material: HSSE	IS02/6H	bis 1000 N/mm² 31 HRC	
)	-[***			
	2-3 threads	outside cooling and lubrication		
]		BAIR		

HSSE - 1000N

MF	D1	D2	L1	L2			No.	€	No.	€	No.	€
MF 2,5 x 0,35	2,5	2,8	40	9	2,1	2,15	120301001	14,85				
MF 2,6 x 0,35	2,6	2,8	40	9	2,1	2,25	120301002	14,85				
MF 3 x 0,35	3,0	3,5	40	9	2,7	2,65	120301003	14,85				
MF 3,5 x 0,35	3,5	4,0	45	10	3,0	3,15	120301004	14,85				
MF 4 x 0,35	4,0	4,5	45	10	3,4	3,65	120301005	14,85				
MF 4 x 0,5	4,0	4,5	45	10	3,4	3,50	120301006	14,85				
MF 4,5 x 0,5	4,5	6,0	50	12	4,9	4,00	120301007	14,85				
MF 5 x 0,5	5,0	6,0	50	12	4,9	4,50	120301008	14,85				
MF 5 x 0,75 MF 5,5 x 0,5	5,0 5,5	6,0 6,0	50 50	12 12	4,9 4,9	4,25 5,00	120301009 120301010	14,85 14,85				
MF 6 x 0,5	6,0	6,0	50	14	4,9	5,50	120301010	14,85				
MF 6 x 0,75	6,0	6,0	50	14	4,9	5,20	120301011	13,30	120302001	19,83	120304001	17,82
MF 7 x 0,5	7,0	6,0	50	14	4,9	6,50	120301012	13,30	120302001	10,00	12000-1001	11,02
MF 7 x 0,75	7,0	6,0	50	14	4,9	6,20	120301014	13,30				
MF 8 x 0,5	8.0	6,0	50	19	4,9	7,50	120301015	13,30		-		
MF 8 x 0,75	8,0	6,0	50	19	4,9	7,20	120301016	13,30	120302002	19,83	120304002	17,82
MF8x1	8,0	6,0	56	22	4,9	7,00	120301017	13,30	120302003	19,83	120304003	17,82
MF 9 x 0,5	9,0	7,0	56	19	5,5	8,50	120301018	14,85	1,000,000,000,000	1000 E3E3		0.000.000.000
MF 9 x 0,75	9,0	7,0	56	19	5,5	8,25	120301019	14,85				
MF9x1	9,0	7,0	63	20	5,5	8,00	120301020	14,85				
MF 10 x 0,5	10,0	7,0	63	20	5,5	9,50	120301021	14,85				
MF 10 x 0,75	10,0	7,0	63	20	5,5	9,20	120301022	14,85				
MF 10 x 1,0	10,0	7,0	63	20	5,5	9,00	120301023	13,30	120302004	19,83	120304004	19,38
MF 10 x 1,25	10,0	7,0	70	24	5,5	8,80	120301024	14,85	120302005	22,27	120304005	22,27
MF 11 x 0,75	11,0	8,0	63	20	6,2	10,20	120301025	19,28				
MF 11 x 1,0	11,0	8,0	63	20	6,2	10,00	120301026	19,28				
MF 11 x 1,25	11,0	8,0	63	22	6,2	10,80	120301027	19,28				
MF 12 x 0,5	12,0	9,0	70	22	7,0	11,50	120301028	19,28				
MF 12 x 0,75	12,0	9,0	70	22	7,0	10,20	120301029	19,28				
MF 12 x 1,0	12,0	9,0	70	22	7,0	11,00	120301030	19,28	120302006	29,41	120304006	26,95
MF 12 x 1,25	12,0	9,0	70	22	7,0	10,80	120301031	19,28	120302007	29,41	120304007	26,95
MF 12 x 1,5	12,0	9,0	70	22	7,0	10,50	120301032	17,51	120302008	26,95	120304008	26,95
MF 13 x 0,5	13,0	11,0	70	22	9,0	12,50	120301033	29,48		1		, l
MF 13 x 0,75	13,0	11,0	70	22	9,0	12,20	120301034	29,62				
MF 13 x 1,0	13,0	11,0	70	22	9,0	12,00	120301035	29,62				
MF 13 x 1,5	13,0	11,0	70	22	9,0	11,50	120301036	29,62				
MF 14 x 0,5	14,0	11,0	70	22	9,0	13,50	120301037	29,62				
MF 14 x 0,75	14,0	11,0	70	22	9,0	13,20	120301038	29,62				
MF 14 x 1,0	14,0	11,0	70	22	9,0	13,00	120301039	29,62				
MF 14 x 1,25	14,0	11,0	70	22	9,0	12,80	120301040	22,27	120302009	32,75	120304009	31,18
MF 14 x 1,5	14,0	11,0	70	22	9,0	12,50	120301041	19,16	120302010	29,41	120304010	28,29
MF 15 x 0,75	15,0	12,0	70	22	9,0	14,20	120301042	32,74				
MF 15 x 1,0	15,0	12,0	70	22	9,0	14,00	120301043	32,74				
MF 15 x 1,5	15,0	12,0	70	22	9,0	13,50	120301044	32,74				
MF 16 x 0,5	16,0	12,0	70	22	9,0	15,50	120301045	32,74				
MF 16 x 0,75	16,0	12,0	70	22	9,0	15,20	120301046	32,74				
MF 16 x 1,0	16,0	12,0	70	22	9,0	15,00	120301047	32,74	120302011	49,01	120304011	35,86
MF 16 x 1,25	16,0	12,0	70	22	9,0	14,80	120301048	32,74				202200000
MF 16 x 1,5	16,0	12,0	70	22	9,0	14,50	120301049	23,39	120302012	35,19	120304012	41,21
MF 17 x 1	17,0	12,0	70	22	9,0	16,00	120301050	35,86				
MF 17 x 1,5	17,0	12,0	70	22	9,0	15,50	120301051	35,86				
MF 18 x 0,5	18,0	14,0	80	22	11,0	17,50	120301052	35,86				
MF 18 x 0,75	18,0	14,0	80	22	11,0	17,20	120301053	35,86				
MF 18 x 1,0	18,0	14,0	80	22	11,0	17,00	120301054	35,86				
	Total Section	14,0	80	22	11,0	16,80	120301055	35,86				
MF 18 x 1,5	The state of the s	14,0	80	22	-	16,50	120301056	26,95	120302013	41,21	120304013	49,90

