

EXTRACTOR DE MACHOS ROTOS PARA MACHOS DE CANALES RECTOS - NO HELICOIDALES



EXTRACTORES SUELTOS

Ø MACHO A EXTRAER	M	MACHOS 4 CANALES	MACHOS 3 CANALES	€/ Ud.
BSW UNC	M			EXTRACTOR COMPLETO
--	M3			W10043 46,59
1/8	M3,2			W10053 46,59
--	M3,5			W10063 46,59
5/32	M4			W10083 46,59
3/16	M5			W10103 46,59
--	M5,5	W10124	W10123	46,59
1/4	M6			W10253 47,96
5/16	M8	W10314	W10313	50,25
--	M9	W10374	W10373	49,78
3/8	M10	W10404	W10373	49,78
7/16	M11	W10434	W10433	52,55
1/2	M12	W10504	W10503	56,19
9/16	M14	W10564	W10563	77,65
5/8	M16	W10624	W10623	84,51
--	M18	W10684	W10753	104,71
3/4	M20	W10754	W10753	104,71
7/8	M22	W10874	W10873	114,58
1"	M25	W11004	W11003	127,77

VARILLA REPUESTO

MACHOS 4 CANALES	MACHOS 3 CANALES	€/ Ud.
		VARILLA EXTRA
	W12043	2,48
	W12053	2,48
	W12063	2,48
	W12083	2,48
	W12103	3,70
	W12123	3,70
	W12253	4,51
W12314	W12313	5,09
W12374		5,09
W12404	W12373	5,25
W12434	W12433	5,34
W12504	W12503	6,72
W12564	W12563	7,49
W12624	W12623	9,58
W12684		9,58
W12754	W12753	10,14
W12874	W12873	13,13
W13004	W13003	21,86

3 SIMPLES PASOS PARA EXTRAER MACHOS DE ROSCAR ROTOS DE CANALES RECTOS

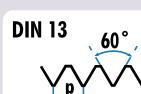
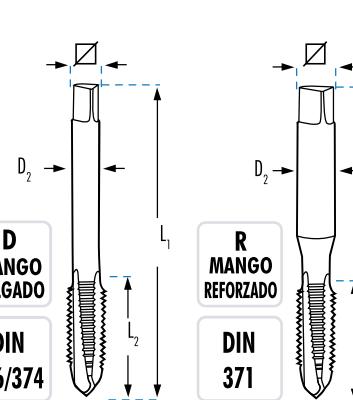


JUEGOS DE EXTRACTORES PARA MACHOS ROTOS (CANALES RECTOS)



Nº CANALES	MEDIDAS INCLUIDAS PARA MACHOS DE MÁQUINA Y DE MANO: 3 y 4 CANALES	
W180013 3	M5- M6- M8- M10- M11- M12 3/16 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2	322,98
W180014 4	3/16 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2	
W180023 3	M6- M8- M10- M11- M12- M16	363,37
W180024 4	1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 5/8	
W180153 3	M3- M3,2- M3,5- M4- M5- M5,50- M6- M8 M9- M10- M12- M16- M18- M22- M25	
W180154 4	M9- M10- M12- M16- M18- M22- M25	1.016,43

MACHOS PARA ROSCAR A MÁQUINA HSSCo

M
MFHSSCo
5%TOL
6HVc
12 m/minDIN
376/374
DIN
371

		L1 x L2 x D2 x	M1D	M2D	M3D	M4D	M1R	M2R	M3R	M4R		
		mm	FORMA C	FORMA B	15°	35°	FORMA C	FORMA B	15°	35°		
M	1x0,25	0,75	R	40 x 5,5 x 2,5 x 2,1						45,51		
M	1,1x0,25	0,85	R	40 x 6 x 2,5 x 2,1						44,27		
M	1,2x0,25	0,95	R	40 x 6 x 2,5 x 2,1						40,44		
M	1,4x0,30	1,10	R	40 x 7 x 2,5 x 2,1						40,44		
M	1,6x0,35	1,25	R	40 x 8 x 2,5 x 2,1						39,71		
M	1,7x0,35	1,35	R	40 x 8 x 2,5 x 2,1						38,24		
M	1,8x0,35	1,45	R	40 x 8 x 2,5 x 2,1						37,30		
M	2x0,40	1,60	R	40 x 8 x 2,8 x 2,1					17,96	19,90	22,25	22,67
M	2,2x0,45	1,75	R	40 x 9 x 2,8 x 2,1						19,41		
M	2,3x0,40	1,90	R	40 x 9 x 2,8 x 2,1						17,88		
M	2,5x0,45	2,05	R	50 x 9 x 2,8 x 2,1					17,96	19,90	31,28	22,67
M	2,6x0,45	2,10	R	50 x 9 x 2,8 x 2,1					17,99	20,25		37,68
M	3x0,50	2,50	R	56 x 11 x 3,5 x 2,7	11,90	12,88	17,93	15,46	11,90*	12,09	17,58	15,84
M	3x0,60	2,40	R	56 x 11 x 3,5 x 2,7					21,15	23,08		30,48
M	3,5x0,60	2,90	R	56 x 12 x 4,0 x 3,0					17,29	18,00	23,25	21,82
M	3,5x0,75	2,75	R	56 x 12 x 4,0 x 3,0					22,86			
M	4x0,50	3,50	R	63 x 13 x 4,5 x 3,4	26,05	28,69		30,33	24,90	27,70		32,07
M	4x0,70	3,30	R	63 x 13 x 4,5 x 3,4	12,11	13,02	19,23	15,31	13,53*	12,77	17,35	15,86
M	4x0,75	3,25	R	63 x 13 x 4,5 x 3,4					18,93	20,21		
M	4x0,80	3,20	R	63 x 13 x 4,5 x 3,4					100,49			
M	4,5x0,50	4,00	R	70 x 14 x 6,0 x 4,9						32,22		
M	4,5x0,75	3,75	R	70 x 14 x 6,0 x 4,9					23,36	25,73		
M	5x0,50	4,50	R	70 x 14 x 6,0 x 4,9	26,83	29,47		30,67	25,64	28,46		34,21
M	5x0,75	4,50	R	74 x 14 x 6,0 x 4,9					23,00	26,97		33,99
M	5x0,80	4,20	R	70 x 16 x 6,0 x 4,9	12,11	13,09	18,43	14,70	12,12*	12,79	16,64	15,20
M	5x0,90	4,10	R	70 x 15 x 6,0 x 4,9					20,00	25,77		
M	5x0,90	4,10	D	70 x 16 x 3,5 x 2,7								
M	5x1,00	4,00	R	72 x 17 x 6,0 x 4,9					53,57			
M	5,5x0,90	4,60	R	80 x 17 x 6,0 x 4,9					53,57			
M	6x0,50	5,50	R	80 x 17 x 6,0 x 4,9	31,76	38,94		49,14	33,57			
M	6x0,75	5,25	R	80 x 13 x 4,5 x 3,4	20,93	24,23		28,30	21,75	25,34		30,43
M	6x1,00	5,00	R	80 x 19 x 6,0 x 4,9	13,81	14,34	19,28	16,12	13,79*	14,03	18,26	16,67
M	6x1,00	5,00	D	80 x 19 x 4,5 x 3,4								

* Consulte el precio de machos y terrajas a izquierdas disponibles en Pag.215

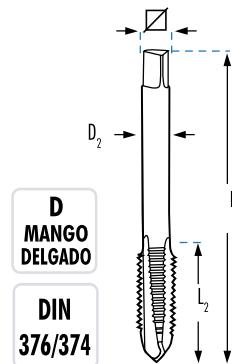
MACHOS PARA ROSCAR A MÁQUINA HSSCo

M
MFDIN 13
HSSCo
5%TOL
6HD
MANGO
DELGADO
DIN
376/374Vc
12 m/minR
MANGO
REFORZADODIN
371

		L1 x L2 x D2 x	M1D	M2D	M3D	M4D	M1R	M2R	M3R	M4R
			FORMA C €	FORMA B €	15° €	35° €	FORMA C €	FORMA B €	15° €	35° €
M 6x1,25	4,75	R 80 x 17 x 6,0 x 4,9							52,66	
M 7x0,75	6,25	D 80 x 13 x 5,5 x 4,3	26,94	29,88		36,91				
M 7x1,00	6,00	R 80 x 19 x 7,0 x 5,5	18,57	21,47	23,19	22,32	17,88 *	20,87	23,60	23,36
M 8x0,50	7,50	D 80 x 13 x 6 x 4,9	36,24							
M 8x0,75	7,25	D 80 x 13 x 6 x 4,9	26,25	32,19		39,92				
M 8x1,00	7,00	D 90 x 20 x 6 x 4,9	21,47	24,64	29,53	27,30				
M 8x1,25	6,80	R 90 x 22 x 8 x 6,2	15,49	16,18	21,95	18,82	15,58 *	15,59	21,02	19,05
M 8x1,50	6,50	D 90 x 20 x 6 x 4,9	106,20							
M 9x1,00	8,00	D 90 x 20 x 7 x 5,5	32,47	34,71		36,89				
M 9x1,25	7,80	R 90 x 22 x 9 x 7,0	26,09	27,42	33,20	32,46	25,84	26,18	33,47	33,39
M 10x0,50	9,50	D 90 x 20 x 7 x 5,5	105,22							
M 10x0,75	9,25	D 90 x 16 x 7 x 5,5	41,62	41,71		50,79				
M 10x1,00	9,00	D 90 x 16 x 7 x 5,5	23,77	27,38	34,86	33,21				
M 10x1,25	8,80	D 100 x 22 x 7 x 5,5	27,22	32,74	38,00	36,19				
M 10x1,50	8,50	R 100 x 24 x 10 x 8,0	17,50	19,57	26,09	22,55	17,66 *	19,20	24,14	22,55
M 11x1,00	10,00	D 90 x 20 x 8 x 6,2	42,61	44,01	111,26	101,24				
M 11x1,25	9,75	D 100 x 22 x 8 x 6,2	40,77	45,30	111,26	90,37				
M 11x1,50	9,50	D 100 x 24 x 8 x 6,2	33,05	38,00	81,12	73,78				
M 12x0,75	11,25	D 100 x 22 x 9 x 7,0	62,43							
M 12x1,00	11,00	D 100 x 22 x 9 x 7,0	32,33	37,00	43,01	42,55				
M 12x1,25	10,75	D 100 x 22 x 9 x 7,0	32,73	36,35	41,18	40,73				
M 12x1,50	10,50	D 100 x 22 x 9 x 7,0	29,25*	32,42	39,60	39,18				
M 12x1,75	10,20	D 110 x 28 x 9 x 7,0	21,08*	24,44	33,37	28,76				
M 13x0,75	12,25	D 100 x 22 x 11 x 9,0	108,97							
M 13x1,00	12,00	D 100 x 22 x 11 x 9,0	57,71	65,34						
M 13x1,25	11,75	D 100 x 22 x 11 x 9,0	57,71	65,34						
M 13x1,50	11,50	D 100 x 22 x 11 x 9,0	57,71	65,34						
M 13x1,75	11,25	D 100 x 28 x 11 x 9,0	57,30	65,34						
M 14x0,75	13,25	D 100 x 22 x 11 x 9,0	108,97							
M 14x1,00	13,00	D 100 x 22 x 11 x 9,0	52,04	57,25	66,31	65,75				
M 14x1,25	12,80	D 100 x 22 x 11 x 9,0	44,29	48,34	60,82	57,94				
M 14x1,50	12,50	D 100 x 22 x 11 x 9,0	34,84*	38,39	47,96	45,69				
M 14x2,00	12,00	D 110 x 30 x 11 x 9,0	34,61*	38,45	44,56	44,56				
M 15x1,00	14,00	D 100 x 22 x 12 x 9,0	66,18	70,07		89,22				
M 15x1,25	13,75	D 100 x 22 x 12 x 9,0	70,89	76,77						
M 15x1,50	13,50	D 100 x 22 x 12 x 9,0	56,66	64,62	165,08	133,91				
M 15x2,00	13,00	D 110 x 30 x 12 x 9,0	69,35	76,32						
M 16x1,00	15,00	D 100 x 22 x 12 x 9,0	62,38	66,18	92,84	90,14				
M 16x1,25	14,75	D 100 x 22 x 12 x 9,0	66,75	73,37	103,25	99,98				
M 16x1,50	14,50	D 100 x 22 x 12 x 9,0	41,19*	48,00	59,77	56,94				
M 16x2,00	14,00	D 110 x 32 x 12 x 9,0	40,73*	44,98	53,83	53,83				
M 17x1,00	16,00	D 100 x 22 x 12 x 9,0	124,11							
M 17x1,25	15,75	D 100 x 22 x 12 x 9,0	124,11							
M 17x1,50	15,50	D 100 x 22 x 12 x 9,0	124,11							
M 18x1,00	17,00	D 110 x 25 x 14 x 11,0	69,86	76,78		110,30				
M 18x1,25	16,75	D 110 x 25 x 14 x 11,0	86,58							
M 18x1,50	16,50	D 110 x 25 x 14 x 11,0	54,54*	60,02	73,45	71,46				
M 18x2,00	16,00	D 125 x 30 x 14 x 11,0	76,97	85,29	145,34	129,72				

* Consulte el precio de machos y terrajas a izquierdas disponibles en Pag.215

MACHOS PARA ROSCAR A MÁQUINA HSSCo

M
MFDIN 13
60°
VpHSSCo
5%TOL
6HD
MANGO
DELGADODIN
376/374Vc
12 m/min

	L1 x L2 x D2 x	mm	M1D	M2D	M3D	M4D
			FORMA C €	FORMA B €	15° €	35° €
M 18x2,50	15,50	D 125 x 34 x 14 x 11,0	58,60*	64,07	72,48	69,80
M 19x1,00	18,00	D 110 x 22 x 14 x 11,0	163,07			
M 19x1,25	17,75	D 110 x 25 x 14 x 11,0	167,70			
M 19x1,50	17,50	D 110 x 25 x 14 x 11,0	160,06			
M 20x1,00	19,00	D 125 x 25 x 16 x 12,0	92,22	102,41		117,81
M 20x1,25	18,75	D 125 x 25 x 16 x 12,0	163,07			
M 20x1,50	18,50	D 125 x 25 x 16 x 12,0	61,77*	67,88	82,55	81,64
M 20x2,00	18,00	D 140 x 32 x 16 x 12,0	80,96	89,01		105,09
M 20x2,50	17,50	D 140 x 34 x 16 x 12,0	62,38*	69,17	77,35	77,36
M 21x1,00	20,00	D 125 x 25 x 16 x 12,0	236,76			
M 21x1,25	19,75	D 125 x 25 x 16 x 12,0	236,76			
M 21x1,50	19,50	D 125 x 25 x 16 x 12,0	226,11			
M 22x1,00	21,00	D 125 x 25 x 18 x 14,5	103,38	109,73		151,82
M 22x1,25	20,75	D 125 x 25 x 18 x 14,5	163,07			
M 22x1,50	20,50	D 125 x 25 x 18 x 14,5	74,35	81,78	90,55	85,20
M 22x2,00	20,00	D 140 x 32 x 18 x 14,5	103,38	113,70		151,82
M 22x2,50	19,50	D 140 x 34 x 18 x 14,5	75,48*	83,02	91,76	90,80
M 23x1,00	22,00	D 125 x 25 x 18 x 14,5	230,18			
M 23x1,50	21,50	D 125 x 25 x 18 x 14,5	230,18			
M 24x1,00	23,00	D 140 x 25 x 18 x 14,5	112,65	136,66		160,41
M 24x1,25	22,75	D 140 x 25 x 18 x 14,5	236,76			
M 24x1,50	22,50	D 140 x 28 x 18 x 14,5	91,44	100,54	121,03	115,29
M 24x2,00	22,00	D 140 x 28 x 18 x 14,5	116,67*	127,11		137,16
M 24x3,00	21,00	D 160 x 38 x 18 x 14,5	90,36*	98,90	110,59	110,37
M 25x1,00	24,00	D 140 x 28 x 18 x 14,5	218,39			
M 25x1,25	23,75	D 140 x 28 x 18 x 14,5	345,09			
M 25x1,50	23,50	D 140 x 28 x 18 x 14,5	142,28	150,58		
M 25x2,00	23,00	D 140 x 28 x 18 x 14,5	306,26	336,90		
M 26x1,00	25,00	D 140 x 28 x 18 x 14,5	169,55			
M 26x1,50	24,50	D 140 x 28 x 18 x 14,5	123,31	129,26	226,74	199,38
M 26x2,00	24,00	D 140 x 28 x 18 x 14,5	238,83	262,72		288,56
M 27x1,00	26,00	D 140 x 28 x 20 x 16,0	151,86	196,08		
M 27x1,50	25,50	D 140 x 28 x 20 x 16,0	134,64	142,63	329,52	297,12
M 27x2,00	25,00	D 140 x 28 x 20 x 16,0	166,54*	176,22		

* Consulte el precio de machos y terrajas a izquierdas disponibles en Pag.215

MACHOS PARA ROSCAR A MÁQUINA HSSCo

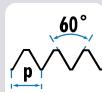
M
MFDIN 13
 60°HSSCo
5%TOL
6HD
MANGO
DELGADO
DIN
376/374Vc
12 m/min

		Ø	L1 x L2 x D2 x 	M1D		M2D		M3D		M4D	
				FORMA C	€	FORMA B	€	15°	€	35°	€
M	27x3,00	24,00	D	160 x 36 x 20 x 16	112,80*	123,70	136,06	135,80			
M	28x1,00	27,00	D	140 x 28 x 20 x 16	306,26						
M	28x1,50	26,50	D	140 x 28 x 20 x 16	134,64	147,82	171,60	154,93			
M	28x2,00	26,00	D	140 x 28 x 20 x 16	164,26	185,51	202,23	198,87			
M	30x1,00	29,00	D	150 x 28 x 22 x 18	172,21	199,13		232,17			
M	30x1,50	28,50	D	150 x 28 x 22 x 18	140,34	154,42	186,09	177,24			
M	30x2,00	28,00	D	150 x 28 x 22 x 18	173,71*	184,37		255,11			
M	30x3,50	26,50	D	180 x 40 x 22 x 18	144,55*	158,93	174,38	174,02			
M	32x1,00	31,00	D	150 x 28 x 22 x 18	408,38	433,63					
M	32x1,50	30,50	D	150 x 28 x 22 x 18	177,58	194,96	229,28				
M	32x2,00	30,00	D	150 x 28 x 22 x 18	218,20	334,11					
M	33x1,00	32,00	D	160 x 30 x 25 x 20	376,11						
M	33x1,50	31,50	D	160 x 30 x 25 x 20	200,07	212,19		246,97			
M	33x2,00	31,00	D	160 x 30 x 25 x 20	327,90	335,17		409,00			
M	33x3,50	29,50	D	180 x 40 x 25 x 20	173,71*	199,88		221,70			
M	34x1,50	32,50	D	170 x 30 x 28 x 22	222,82	236,04					
M	34x2,00	32,00	D	160 x 30 x 28 x 22	468,60						
M	35x1,50	33,50	D	170 x 30 x 28 x 22	234,99	258,48		282,66			
M	35x2,00	33,00	D	170 x 30 x 28 x 22	432,41	476,03					
M	36x1,50	34,50	D	170 x 30 x 28 x 22	214,57	253,67		307,06			
M	36x2,00	34,00	D	170 x 30 x 28 x 22	289,81	301,25					
M	36x3,00	33,00	D	200 x 50 x 28 x 22	332,50	345,58		444,41			
M	36x4,00	32,00	D	200 x 50 x 28 x 22	227,99*	244,25	283,71	271,46			
M	38x1,50	36,50	D	170 x 30 x 28 x 22	228,74	257,73					
M	38x2,00	36,00	D	170 x 32 x 28 x 22	486,19	534,84					
M	39x1,50	37,50	D	170 x 32 x 32 x 24	359,45						
M	39x2,00	37,00	D	170 x 32 x 32 x 24	359,45						
M	39x3,00	36,00	D	200 x 47 x 32 x 24	469,40						
M	39x4,00	35,00	D	200 x 50 x 32 x 24	273,53	284,33		350,60			
M	40x1,50	38,50	D	170 x 30 x 32 x 24	299,09	329,21					
M	40x2,00	38,00	D	170 x 30 x 32 x 24	360,39						
M	40x3,00	37,00	D	200 x 47 x 32 x 24	353,35	421,56					
M	42x1,50	40,50	D	170 x 30 x 32 x 24	326,35	318,95					
M	42x2,00	40,00	D	170 x 30 x 32 x 24	412,28						
M	42x3,00	39,00	D	200 x 45 x 32 x 24	412,28	493,71					
M	42x4,50	37,50	D	200 x 56 x 32 x 24	351,73	365,51		390,84			
M	45x1,50	43,50	D	180 x 32 x 36 x 29	389,78	428,72					
M	45x2,00	43,00	D	180 x 32 x 36 x 29	477,38						
M	45x3,00	42,00	D	200 x 47 x 36 x 29	477,38						
M	45x4,50	40,50	D	220 x 58 x 36 x 29	384,21	422,60					
M	48x1,50	46,50	D	190 x 32 x 36 x 29	384,21						
M	48x2,00	46,00	D	190 x 32 x 36 x 29	620,81						
M	48x3,00	45,00	D	220 x 52 x 36 x 29	578,50						
M	48x5,00	43,00	D	250 x 65 x 36 x 29	472,47	519,69					
M	50x1,50	48,50	D	190 x 32 x 36 x 29	465,66						
M	52x1,50	50,50	D	190 x 32 x 40 x 32	454,90						
M	52x2,00	50,00	D	190 x 32 x 40 x 32	719,89						
M	52x3,00	49,00	D	225 x 50 x 40 x 32	739,85						
M	52x5,00	47,00	D	250 x 65 x 40 x 32	483,87	598,70					

* Consulte el precio de machos y terrajas a izquierdas disponibles en Pag.215

MACHOS PARA ROSCAR A MÁQUINA HSSCo

UNC

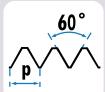
HSSCo
5%TOL
2B

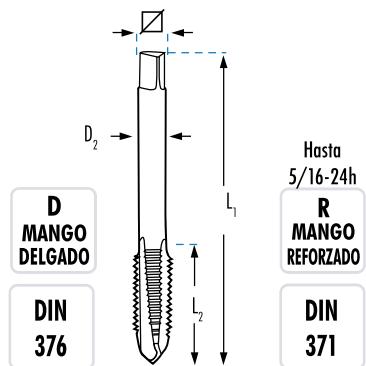
		D1 mm		L1 x L2 x D2 x mm	M1R FORMA C €	M2R FORMA B €	M4R 35° €
UNC nº 4-40h	2,84	2,25	R	56 x 11 x 3,5 x 2,7	26,92	32,01	36,53
UNC nº 5-40h	3,17	2,60	R	56 x 11 x 3,5 x 2,7	27,90	33,47	36,53
UNC nº 6-32h	3,50	2,75	R	56 x 12 x 4,0 x 3,0	26,55	31,91	36,37
UNC nº 8-32h	4,17	3,50	R	63 x 13 x 4,5 x 3,4	26,55	31,91	34,79
UNC nº 10-24h	4,83	3,90	R	70 x 15 x 6,0 x 4,9	27,90	33,47	38,21
UNC nº 12-24h	5,49	4,50	R	80 x 16 x 6,0 x 4,9	29,27	33,47	35,07
UNC 1/4-20h	6,35	5,10	R	80 x 17 x 7,0 x 5,5	26,08	28,43	32,81
UNC 5/16-18h	7,94	6,60	R	90 x 20 x 8,0 x 6,2	29,52	32,54	37,05

	MANGO DELGADO				M1D	M2D	M4D
UNC 3/8-16h	9,52	8,00	D	100 x 22 x 7,0 x 5,5	33,65	35,29	39,66
UNC 7/16-14h	11,11	9,40	D	100 x 22 x 8,0 x 6,2	46,32	46,47	58,12
UNC 1/2-13h	12,70	10,75	D	110 x 24 x 9,0 x 7,0	50,26	55,69	63,57
UNC 9/16-12h	14,28	12,20	D	110 x 26 x 11,0 x 9,0	69,09	75,86	86,30
UNC 5/8-11h	15,87	13,50	D	110 x 27 x 12,0 x 9,0	67,13	73,88	83,93
UNC 3/4-10h	19,05	16,50	D	125 x 30 x 14,0 x 11,0	88,87	97,70	111,16
UNC 7/8-9h	22,22	19,50	D	140 x 32 x 18,0 x 14,5	116,94	128,48	173,94
UNC 1"-8h	25,40	22,25	D	160 x 36 x 18,0 x 14,5	154,52	168,80	218,20
UNC 1.1/8-7h	28,57	25,00	D	180 x 40 x 22,0 x 18,0	201,83		243,80
UNC 1.1/4-7h	31,75	28,00	D	180 x 40 x 22,0 x 18,0	236,57		311,89
UNC 1.3/8-6h	34,92	30,75	D	200 x 50 x 28,0 x 22,0	352,86		
UNC 1.1/2-6h	38,10	34,00	D	200 x 50 x 32,0 x 24,0	400,72		

MACHOS PARA ROSCAR A MÁQUINA HSSCo

UNF

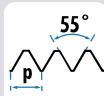
HSSCo
5%TOL
2B



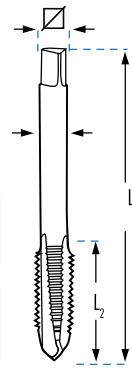
		D1 mm		L1 x L2 x D2 x mm	M1R FORMA C €	M2R FORMA B €	M4R €
UNF n° 4-48h		2,84	2,35	R 56 x 11 x 3,5 x 2,7	28,18	30,68	38,51
UNF n° 5-44h		3,17	2,70	R 56 x 11 x 3,5 x 2,7	28,18	30,68	38,51
UNF n° 6-40h		3,50	2,95	R 56 x 12 x 4,0 x 3,0	26,95	32,28	38,22
UNF n° 8-36h		4,17	3,50	R 63 x 13 x 4,5 x 3,4	26,95	32,28	38,22
UNF n° 10-32h		4,83	4,10	R 70 x 15 x 6,0 x 4,9	26,95	32,28	38,22
UNF n° 12-28h		5,49	4,60	R 80 x 16 x 6,0 x 4,9	28,18	33,77	38,51
UNF 1/4-28h		6,35	5,50	R 80 x 17 x 7,0 x 5,5	22,76	24,38	28,44
UNF 5/16-24h		7,94	6,90	R 90 x 20 x 8,0 x 6,2	25,45	28,06	32,80

				M1D	M2D	M4D	
UNF 3/8-24h		9,52	8,50	D 90 x 16 x 7,0 x 5,5	27,87	32,24	41,03
UNF 7/16-20h		11,11	9,90	D 100 x 22 x 8,0 x 6,2	34,38	39,85	52,61
UNF 1/2-20h		12,70	11,50	D 100 x 22 x 9,0 x 7,0	36,60	42,37	55,97
UNF 9/16-18h		14,29	12,90	D 100 x 22 x 11,0 x 9,0	44,97	52,08	69,30
UNF 5/8-18h		15,87	14,50	D 100 x 22 x 12,0 x 9,0	50,63	58,58	77,43
UNF 3/4-16h		19,05	17,50	D 110 x 25 x 14,0 x 11,0	64,79	75,02	99,04
UNF 7/8-14h		22,22	20,40	D 125 x 25 x 18,0 x 14,5	81,47	101,91	151,49
UNF 1"-12h		25,40	23,25	D 140 x 28 x 18,0 x 14,5	122,63	133,53	178,30
UNS 1"-14h		25,40	23,60	D 140 x 28 x 18,0 x 14,5	123,18	137,36	178,31
UNF 1.1/8-12h		28,57	26,50	D 150 x 28 x 22,0 x 18,0	186,85		
UNF 1.1/4-12h		31,75	29,50	D 150 x 28 x 22,0 x 18,0	236,12		
UNF 1.1/2-12h		38,10	36,00	D 170 x 30 x 32,0 x 24,0	396,29		

MACHOS PARA ROSCAR A MÁQUINA HSSCo

BSP
(GAS)HSSCo
5%TOL
ISO 228

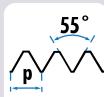
INOX

D
MANGO
DELGADODIN
5156

	D1 mm		L1 x L2 x D2 x mm	M1D FORMA C €	M2D FORMA B €	M3D 	M4D 	M2DX FORMA B €	M4DX
G 1/8-28h.	9,728	8,80	D 90 x 16 x 7 x 5,5	35,64 *	40,71	41,71	43,22	62,93	62,28
G 1/4-19h.	13,157	11,80	D 100 x 22 x 11 x 9,0	49,42 *	54,41	59,89	62,07	84,78	90,74
G 3/8-19h.	16,662	15,25	D 100 x 22 x 12 x 9,0	59,18 *	65,11	71,54	74,12	100,58	106,64
G 1/2-14h.	20,955	19,00	D 125 x 25 x 16 x 12,0	74,79 *	82,30	90,23	93,47	124,53	134,60
G 5/8-14h.	22,911	21,00	D 125 x 25 x 18 x 14,5	93,20 *	97,74	112,34	111,30		
G 3/4-14h.	26,441	24,50	D 140 x 28 x 20 x 16,0	117,06	128,85	141,23	146,33	188,16	207,59
G 7/8-14h.	30,201	28,25	D 150 x 28 x 22 x 18,0	157,36	165,54	189,95	188,17		
G 1"-11h.	33,249	30,75	D 160 x 30 x 25 x 20,0	181,71	199,84	216,86	224,70		
G 1 1/8-11h.	37,897	35,50	D 170 x 30 x 28 x 22,0	290,16	316,50			347,61	
G 1 1/4-11h.	41,910	39,50	D 170 x 30 x 32 x 24,0	340,46	358,22			396,56	
G 1 3/8-11h.	44,323	42,00	D 180 x 32 x 36 x 29,0	407,12				550,85	
G 1 1/2-11h.	47,803	45,25	D 190 x 32 x 36 x 29,0	542,89	756,81			716,95	
G 1 3/4-11h.	53,746	51,25	D 190 x 32 x 40 x 32,0	645,29	746,53				
G 2"-11h.	59,614	57,00	D 220 x 36 x 45 x 35,0	823,00	819,19				

* Disponibles también con rosca izquierda con 100% de recargo sobre los precios tarifados en rosca derecha

BSF

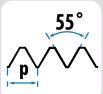
HSSCo
5%TOL
ISO 228

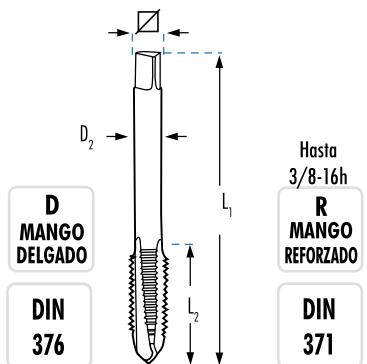
D
MANGO
DELGADODIN
5156

	D1 mm		L1 x L2 x D2 x mm	M1D FORMA C €
BSF 3/16-32h.	4,762	4,00	D 70 x 16 x 3,5 x 2,7	81,54
BSF 1/4-26h.	6,350	5,20	D 80 x 17 x 4,5 x 3,4	35,68
BSF 5/16-22h.	7,938	6,60	D 90 x 20 x 6,0 x 4,9	42,37
BSF 3/8-20h.	9,525	8,10	D 100 x 22 x 7,0 x 5,5	44,54
BSF 7/16-18h.	11,113	9,50	D 100 x 22 x 8,0 x 6,2	60,03
BSF 1/2-16h.	12,700	11,00	D 110 x 24 x 9,0 x 7,0	67,94
BSF 9/16-16h.	14,287	12,50	D 110 x 25 x 11,0 x 9,0	71,90
BSF 5/8-14h.	15,876	14,00	D 110 x 27 x 12,0 x 9,0	95,83
BSF 3/4-12h.	19,051	16,50	D 125 x 30 x 14,0 x 11,0	113,44
BSF 7/8-11h.	22,226	19,50	D 140 x 32 x 18,0 x 14,5	157,66
BSF 1"-10h.	25,400	22,50	D 160 x 36 x 18,0 x 14,5	183,27

MACHOS PARA ROSCAR A MÁQUINA HSSCo

BSW

HSSCo
5%TOL
Clase 2



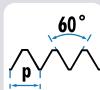
	D1 mm	Ø	L1 x L2 x D2 x mm	M1R FORMA C €	M2R FORMA B €	M3R 15° €	M4R 35° €
W 3/32-48h.	2,38	1,80	R 50 x 9 x 2,8 x 2,1	24,77	26,44		
W 1/8-40h.	3,17	2,55	R 56 x 11 x 3,5 x 2,7	20,66 *	22,84	26,96	25,95
W 5/32-32h.	3,97	3,10	R 63 x 13 x 4,5 x 3,4	20,66	22,84	26,96	25,95
W 3/16-24h.	4,76	3,60	R 70 x 15 x 6,0 x 4,9	22,93	22,84	26,96	25,95
W 7/32-24h.	5,56	4,40	R 80 x 16 x 6,0 x 4,9	31,37	33,17		
W 1/4-20h.	6,35	5,10	R 80 x 17 x 7,0 x 5,5	22,07	25,95	30,61	31,71
W 5/16-18h.	7,94	6,50	R 90 x 20 x 8,0 x 6,2	24,75	32,72	35,72	35,66
W 3/8-16h.	9,52	7,90	R 100 x 22 x 10,0 x 8,0	27,70	36,16	39,70	39,64

MANGO DELGADO				M1D	M2D	M3D	M4D
W 7/16-14h.	11,11	9,25	D 100 x 22 x 8,0 x 6,2	38,52	39,83	50,04	50,40
W 1/2-12h.	12,70	10,50	D 110 x 24 x 9,0 x 7,0	36,94	41,53	47,94	48,29
W 9/16-12h.	14,29	12,00	D 110 x 26 x 11,0 x 9,0	52,95	54,99	68,76	69,25
W 5/8-11h.	15,87	13,40	D 110 x 27 x 12,0 x 9,0	50,14	51,95	65,03	65,48
W 3/4-10h.	19,05	16,50	D 125 x 30 x 14,0 x 11,0	70,17	72,84	87,12	87,74
W 7/8-9h.	22,22	19,25	D 140 x 32 x 18,0 x 14,5	90,89	94,25	117,93	113,56
W 1"-8h.	25,40	21,75	D 160 x 36 x 18,0 x 14,5	114,23	118,46	147,99	149,04
W 1.1/8-7h.	28,57	24,75	D 180 x 40 x 22,0 x 18,0	154,92	176,52	212,25	
W 1.1/4-7h.	31,75	27,75	D 180 x 40 x 22,0 x 18,0	225,05	256,48		
W 1.3/8-6h.	34,92	30,50	D 200 x 50 x 28,0 x 22,0	369,90	421,19		
W 1.1/2-6h.	38,10	33,50	D 200 x 50 x 32,0 x 24,0	401,50	457,58		
W 1.5/8-5h.	41,27	46,50	D 220 x 65 x 32,0 x 24,0	560,42	638,72		
W 1.3/4-5h.	44,45	39,00	D 220 x 58 x 36,0 x 29,0	600,27	689,06		
W 1.7/8-4,5h.	47,62	42,00	D 250 x 75 x 36,0 x 29,0	696,03	763,89		
W 2"-4,5h.	50,80	44,50	D 250 x 65 x 40,0 x 32,0	859,12			

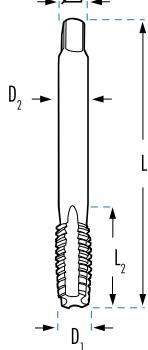
* Disponibles también con rosca izquierda con 100% de recargo sobre los precios tarifados en rosca derecha

MACHOS PARA ROSCAR A MÁQUINA HSSCo

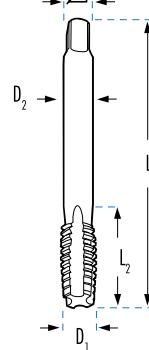
UNJC

HSSCo
5%TOL
3B

UNJF

HSSCo
5%TOL
3B

V_c
12 m/min



V_c
12 m/min



	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	M1R	FORMA C	€
UNJC n° 4-40h	2,84	2,25	R 56 x 11 x 3,5 x 2,7	40,89		
UNJC n° 5-40h	3,17	2,60	R 56 x 11 x 3,5 x 2,7	40,89		
UNJC n° 6-32h	3,50	2,75	R 56 x 12 x 4,0 x 3,0	40,89		
UNJC n° 8-32h	4,17	3,50	R 63 x 13 x 4,5 x 3,4	40,89		
UNJC n°10-24h	4,83	3,90	R 70 x 15 x 6,0 x 4,9	40,89		
UNJC n°12-24h	5,49	4,50	R 80 x 16 x 6,0 x 4,9	42,89		
UNJC 1/4-20h	6,35	5,10	R 80 x 17 x 7,0 x 5,5	38,16		
UNJC 5/16-18h	7,94	6,60	R 90 x 20 x 8,0 x 6,2	43,18		
UNJC 3/8-16h	9,52	8,00	R 100 x 22 x 8,0 x 6,2	49,22		

	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	M1R	FORMA C	€
UNJF n° 4-48h	2,84	2,35	R 56 x 11 x 3,5 x 2,7	44,86		
UNJF n° 5-44h	3,17	2,70	R 56 x 11 x 3,5 x 2,7	44,86		
UNJF n° 6-40h	3,50	2,95	R 56 x 12 x 4,0 x 3,0	44,86		
UNJF n° 8-36h	4,17	3,50	R 63 x 13 x 4,5 x 3,4	44,86		
UNJF n°10-32h	4,83	4,10	R 70 x 15 x 6,0 x 4,9	44,86		
UNJF n°12-28h	5,49	4,60	R 80 x 16 x 6,0 x 4,9	44,86		
UNJF 1/4-28h	6,35	5,50	R 80 x 17 x 7,0 x 5,5	34,83		
UNJF 5/16-24h	7,94	6,90	R 90 x 20 x 8,0 x 6,2	38,94		
UNJF 3/8-24h	9,52	8,50	R 90 x 16 x 7,0 x 6,2	42,64		

MANGO DELGADO PASOS NORMALES

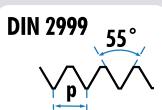
UNJC 7/16-14h	11,11	9,40	D 110 x 24 x 9,0 x 7,0	67,88
UNJC 1/2-13h	12,70	10,75	D 110 x 26 x 11,0 x 9,0	73,68
UNJC 9/16-12h	14,28	12,20	D 110 x 27 x 12,0 x 9,0	101,27
UNJC 5/8-11h	15,87	13,50	D 110 x 27 x 12,0 x 9,0	103,81
UNJC 3/4-10h	19,05	16,50	D 125 x 30 x 14,0 x 11,0	130,25
UNJC 7/8-9h	22,22	19,50	D 140 x 32 x 18,0 x 14,5	171,39
UNJC 1"-8h	25,40	22,25	D 160 x 36 x 18,0 x 14,5	226,44

MANGO DELGADO PASOS NORMALES

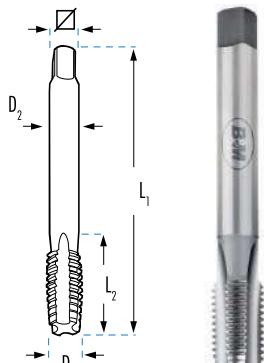
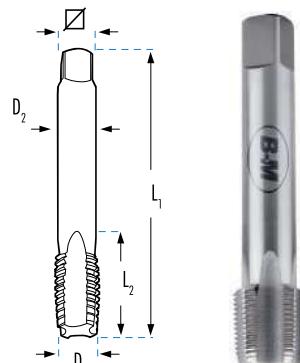
UNJF 7/16-20h	11,11	9,90	D 100 x 22 x 8,0 x 6,2	58,56
UNJF 1/2-20h	12,70	11,50	D 100 x 22 x 9,0 x 7,0	62,36
UNJF 9/16-18h	14,29	12,90	D 100 x 22 x 11,0 x 9,0	76,62
UNJF 5/8-18h	15,87	14,50	D 100 x 22 x 12,0 x 9,0	86,26
UNJF 3/4-16h	19,05	17,50	D 110 x 25 x 14,0 x 11,0	110,36
UNJF 7/8-14h	22,22	20,40	D 125 x 25 x 18,0 x 14,5	138,77
UNJF 1"-12h	25,40	23,25	D 140 x 28 x 18,0 x 14,5	154,72

MACHOS PARA ROSCAR A MÁQUINA HSSCo

BSPP

HSSCo
5%DIN
374FORMA
C

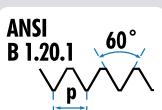
BSPT

HSSCo
5%DIN
5156FORMA
CROSCA CILÍNDRICA
INGLES PARA TUBOROSCA CÓNICA
INGLES PARA TUBO

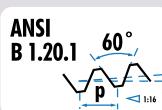
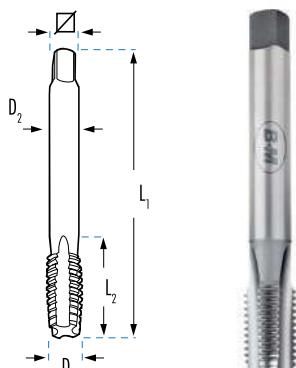
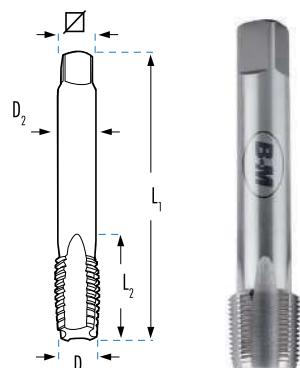
M1D

	D1 mm	L1 x L2 x D2 x	€
Rp 1/16-28h.	7,72	D 90 x 16 x 6 x 4,9	
Rp 1/8-28h.	9,73	D 90 x 16 x 7 x 5,5	53,18
Rp 1/4-19h.	13,16	D 100 x 22 x 11 x 9,0	73,46
Rp 3/8-19h.	16,66	D 100 x 22 x 12 x 9,0	87,96
Rp 1/2-14h.	20,95	D 125 x 25 x 16 x 12,0	111,16
Rp 3/4-14h.	26,44	D 140 x 28 x 20 x 16,0	174,07
Rp 1"-11h.	33,25	D 160 x 30 x 25 x 20,0	270,08
Rp 1.1/4-11h.	41,91	D 170 x 30 x 32 x 24,0	
Rp 1.1/2-11h.	46,80	D 190 x 32 x 36 x 29,0	
Rp 2"-11h.	59,61	D 220 x 36 x 45 x 35,0	

	D1 mm		L1 x L2 x D2 x	€
Rc 1/16-28h.	7,72	D	90 x 14 x 6 x 4	
Rc 1/8-28h.	9,73	8,30	D 90 x 15 x 7 x 5	54,41
Rc 1/4-19h.	13,16	11,00	D 100 x 19 x 11 x 9	78,26
Rc 3/8-19h.	16,66	14,50	D 100 x 21 x 12 x 9	108,76
Rc 1/2-14h.	20,95	18,10	D 125 x 26 x 16 x 12	151,12
Rc 5/8-14h.	22,91	21,00	D 140 x 36 x 18 x 19	243,77
Rc 3/4-14h.	26,44	23,50	D 140 x 28 x 20 x 16	235,69
Rc 7/8-14h.	30,20	28,25	D 160 x 36 x 22 x 18	410,13
Rc 1"-11h.	33,25	29,60	D 160 x 33 x 25 x 20	337,80

NPS
(M)HSSCo
5%DIN
374FORMA
C

NPT

HSSCo
5%DIN
374FORMA
CROSCA CILÍNDRICA
AMERICANA PARA TUBOROSCA CÓNICA
AMERICANA PARA TUBO

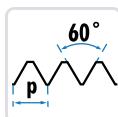
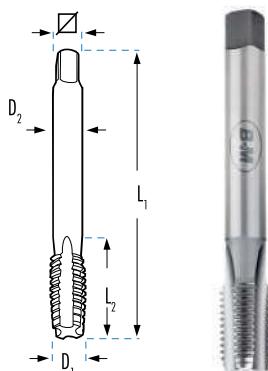
M1D

	D1 mm		L1 x L2 x D2 x	€
NPS 1/8-27h.	10,20	8,90	D 90 x 16 x 7 x 5,5	136,98
NPS 1/4-18h.	13,60	11,70	D 100 x 22 x 11 x 9,0	196,06
NPS 3/8-18h.	17,00	15,00	D 100 x 22 x 12 x 9,0	268,85
NPS 1/2-14h.	21,20	18,60	D 125 x 25 x 16 x 12,0	368,67
NPS 3/4-14h.	26,55	24,00	D 140 x 28 x 20 x 16,0	545,00
NPS 1"-11,5 h.	33,20	30,00	D 160 x 30 x 25 x 20,0	704,79
NPS 1.1/4-11,5h.	41,60		D 170 x 30 x 32 x 24,0	
NPS 1.1/2-11,5h.	47,68		D 190 x 32 x 36 x 29,0	
NPS 2"-11,5h.	59,71		D 220 x 36 x 45 x 35,0	

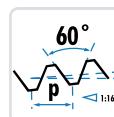
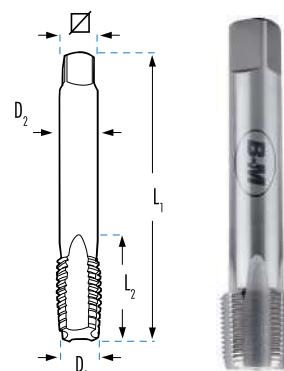
	D1 mm		L1 x L2 x D2 x	€
NPT 1/16-27h.	7,89	6,2	D 90 x 14 x 6 x 5	47,66
NPT 1/8-27h.	10,24	8,5	D 90 x 15 x 8 x 6	49,84
NPT 1/4-18h.	13,62	11,0	D 100 x 19 x 11 x 9	64,37
NPT 3/8-18h.	17,05	14,5	D 100 x 21 x 12 x 9	82,74
NPT 1/2-14h.	21,22	17,8	D 125 x 26 x 16 x 12	107,64
NPT 3/4-14h.	26,57	23,0	D 140 x 28 x 20 x 16	166,77
NPT 1"-11,5h.	33,23	29,0	D 160 x 33 x 25 x 20	216,76
NPT 1.1/4-11,5h.	41,98	37,5	D 170 x 36 x 32 x 24	295,95
NPT 1.1/2-11,5h.	48,05	44,0	D 190 x 37 x 36 x 29	466,01
NPT 2"-11,5h.	60,09	56,0	D 220 x 41 x 45 x 35	730,99

MACHOS PARA ROSCAR A MÁQUINA HSSCo

NPSF

HSSCo
5%DIN
374FORMA
CROSCA PARA TUBO
AMERICANA CILÍNDRICA

NPTF

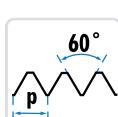
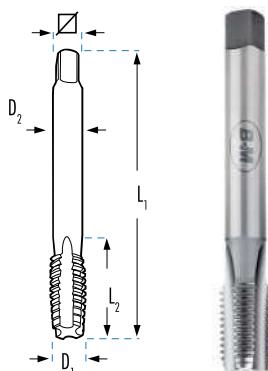
HSSCo
5%DIN
374FORMA
CROSCA PARA TUBO
AMERICANA CÓNICA ESTANCA

M1D

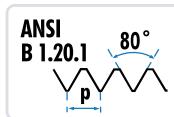
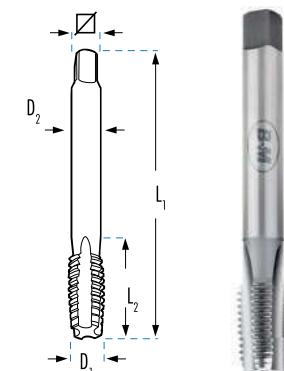
	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	€
NPSF 1/8-27h.	10,05	8,75	D 90 x 16 x 7 x 5,5	171,59
NPSF 1/4-18h.	13,33	11,30	D 100 x 22 x 11 x 9,0	236,51
NPSF 3/8-18h.	16,78	14,70	D 100 x 22 x 12 x 9,0	336,46
NPSF 1/2-14h.	20,87	18,20	D 125 x 25 x 16 x 12,0	419,58
NPSF 3/4-14h.	26,23	23,50	D 140 x 28 x 20 x 16,0	686,70
NPSF 1"-11,5h.	32,81	29,50	D 160 x 30 x 25 x 20,0	

	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	€
NPTF 1/16-27h.	7,87	6,20	D 90 x 14 x 12,0 x 6	
NPTF 1/8-27h.	10,22	8,50	D 90 x 15 x 12,0 x 7	115,93
NPTF 1/4-18h.	13,58	11,00	D 100 x 21 x 17,5 x 11	162,65
NPTF 3/8-18h.	17,02	14,50	D 110 x 21 x 17,6 x 12	208,94
NPTF 1/2-14h.	21,21	17,80	D 140 x 27 x 22,8 x 16	272,00
NPTF 3/4-14h.	26,56	23,00	D 140 x 27 x 23,0 x 20	421,39

MF

HSSCo
5%TOL
6HFORMA
CDIN
374ROSCA MÉTRICA FINA PARA
TUBO DE CONDUCCIÓN
ELÉCTRICA EN 60423

PG

HSSCo
5%DIN
40430FORMA
CROSCA PARA TUBO
DE CONDUCCIÓN
ELÉCTRICA

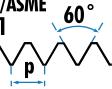
M1D

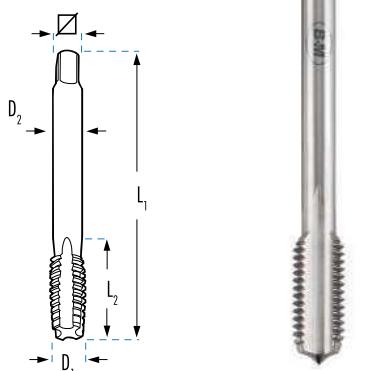
	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	€
MF 12 x 1,50	12	10,5	D 100 x 22 x 9 x 7,0	29,25
MF 16 x 1,50	16	14,5	D 100 x 22 x 12 x 9,0	41,19
MF 20 x 1,50	20	18,5	D 125 x 25 x 16 x 12,0	61,77
MF 25 x 1,50	25	23,5	D 140 x 28 x 18 x 14,5	142,28
MF 32 x 1,50	32	30,5	D 150 x 28 x 22 x 18,0	177,58
MF 40 x 1,50	40	38,5	D 170 x 30 x 32 x 24,0	299,09
MF 50 x 1,50	50	48,5	D 190 x 32 x 36 x 29,0	465,66
MF 63 x 1,50	63	61,5	D 275 x 36 x 50 x 39,0	

	D1 mm	\varnothing	L1 x L2 x D2 x \square mm	€
PG 7 - 20h.	12,5	11,50	D 100 x 22 x 9 x 7,0	50,87
PG 9 - 18h.	15,2	14,00	D 100 x 22 x 12 x 9,0	70,46
PG 11 - 18h.	18,6	17,25	D 110 x 25 x 14 x 11,0	91,67
PG 13,5 - 18h.	20,4	19,00	D 125 x 25 x 16 x 12,0	102,94
PG 16 - 18h.	22,5	21,25	D 125 x 25 x 18 x 14,5	121,15
PG 21 - 16h.	28,3	27,00	D 150 x 28 x 22 x 18,0	192,33
PG 29 - 16h.	37,0	35,50	D 170 x 30 x 28 x 22,0	325,13
PG 36 - 16h.	47,0	45,50	D 190 x 32 x 36 x 29,0	528,03
PG 42 - 16h.	54,0	52,50	D 190 x 32 x 40 x 32,0	838,60
PG 48 - 16h.	59,3	58,00	D 220 x 36 x 45 x 35,0	1.022,32

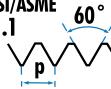
MACHOS PARA ROSCAR A MÁQUINA HSSCo

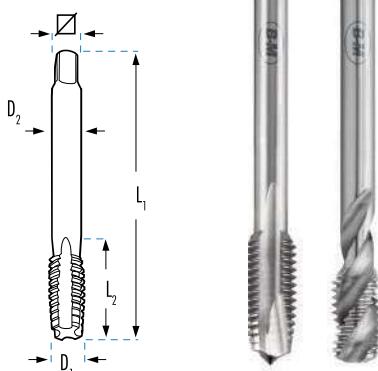
UNx8 **HSSCo 5%** **DIN 374** **FORMA C** **TOL 2B**

ANSI/ASME
B 1.1 



UNEF **HSSCo 5%** **DIN 374** **FORMA C** **TOL 2B**

ANSI/ASME
B 1.1 

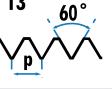


		D2 mm	L1 x L2 x 	FORMA C €
UN 1" 1/8-8h.	25,40	22	180 x 45 x 18	252,89
UN 1" 1/4-8h.	28,50	22	180 x 48 x 18	326,28
UN 1" 3/8-8h.	31,75	28	200 x 56 x 22	370,11
UN 1" 1/2-8h.	35,00	32	200 x 58 x 22	470,91
UN 1" 5/8-8h.	38,10	32	200 x 65 x 24	550,85
UN 1" 3/4-8h.	41,25	36	200 x 50 x 29	671,02
UN 1" 7/8-8h.	44,45	36	225 x 53 x 29	774,04
UN 2"-8h.	47,63	40	225 x 50 x 32	790,89

		D2 mm	L1 x L2 x 	FORMA B €	M2D €	M4D €
UNEF 1/4-32h.	5,55	7,0	R 82 x 16 x 5,4	104,64	117,60	
UNEF 5/16-32h.	7,15	8,4	R 85 x 21 x 6,1	115,30	129,55	
UNEF 3/8-32h.	8,70	7,0	D 95 x 22 x 5,4	115,36	129,62	
UNEF 7/16-28h.	10,20	8,0	D 100 x 22 x 6,2	153,12	172,04	
UNEF 1/2-28h.	11,80	9,0	D 100 x 22 x 7,0	161,28	181,22	
UNEF 9/16-24h.	13,20	12,0	D 100 x 24 x 9,0	202,06	227,04	
UNEF 5/8-24h.	14,80	12,0	D 100 x 24 x 9,0	229,94	258,36	
UNEF 3/4-20h.	17,80	14,0	D 110 x 27 x 11,0	299,05	336,04	
UNEF 7/8-20h.	20,95	18,0	D 125 x 26 x 14,5	321,46	344,42	
UNEF 1"-20h.	24,20	18,0	D 140 x 28 x 14,5	491,94	552,74	

MACHOS PARA ROSCAR A MÁQUINA HSSCo ROSCA A IZQUIERDA

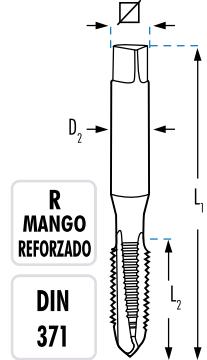
M **MF** **HSSCo 5%** **FORMA C** **TOL 6H**

DIN 13 

 12 m/min



D
MANGO
DELGADO
DIN
376/374



		L1 x L2 x D2 x 	FORMA C €
M 3x0,50	2,50	R 56 x 11 x 3,5 x 2,7	23,79
M 4x0,70	3,30	R 63 x 13 x 4,5 x 3,4	27,07
M 5x0,80	4,20	R 70 x 16 x 6,0 x 4,9	24,23
M 6x1,00	5,00	R 80 x 17 x 6,0 x 4,9	27,57
M 7x1,00	6,00	R 80 x 17 x 7,0 x 5,5	35,76
M 8x1,25	6,80	R 90 x 20 x 8,0 x 6,2	31,16
M 10x1,50	8,50	R 100 x 22 x 10,0 x 8,0	35,32

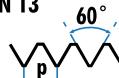
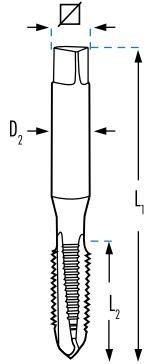
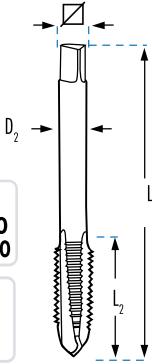
MANO DELGADO

M1DI

		L1 x L2 x D2 x 	M1DI €
M 12x1,50	10,50	D 100 x 22 x 9,0 x 7,0	58,51
M 12x1,75	10,20	D 110 x 24 x 9,0 x 7,0	42,17
M 14x1,50	12,50	D 100 x 22 x 11,0 x 9,0	69,68
M 14x2,00	12,00	D 110 x 26 x 11,0 x 9,0	69,22
M 16x1,50	14,50	D 100 x 22 x 12,0 x 9,0	82,38
M 16x2,00	14,00	D 110 x 27 x 12,0 x 9,0	81,46
M 18x1,50	16,50	D 110 x 25 x 14,0 x 11,0	109,07
M 18x2,50	15,50	D 125 x 30 x 14,0 x 11,0	117,20
M 20x1,50	18,50	D 125 x 25 x 16,0 x 12,0	123,54
M 20x2,50	17,50	D 140 x 32 x 16,0 x 12,0	124,76
M 22x2,50	19,50	D 140 x 32 x 18,0 x 14,5	150,97
M 24x2,00	22,00	D 140 x 28 x 18,0 x 14,5	233,33
M 24x3,00	21,00	D 160 x 34 x 18,0 x 14,5	180,73
M 27x3,00	24,00	D 160 x 36 x 20,0 x 16,0	225,60
M 30x2,00	28,00	D 150 x 28 x 22,0 x 18,0	347,42
M 30x3,50	26,50	D 180 x 40 x 22,0 x 18,0	289,11
M 33x3,50	29,50	D 180 x 40 x 25,0 x 20,0	347,42
M 36x4,00	32,00	D 200 x 50 x 28,0 x 22,0	455,97

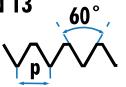
Consulte otras medidas disponibles bajo demanda

MACHOS MÁQUINA MÉTRICA NORMA ISO 529

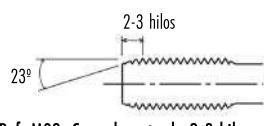
M
MFDIN 13
HSSCo
5%ISO
529TOL
6HD
MANGO
DELGADO
ISO
529R
MANGO
REFORZADO
ISO
529

	L1 x L2 x D2 x  mm	Ø	M1RISO	M2RISO	M4RISO	M5RISO	
			FORMA C	FORMA B	 35°	DIENTE ALTERNO AI	
M 3x0,50	2,50	R	48 x 11 x 3,15 x 2,50	8,58	8,95	10,77	12,81
M 4x0,70	3,30	R	53 x 13 x 4,00 x 3,15	8,58	8,95	10,77	12,81
M 5x0,80	4,20	R	58 x 16 x 5,00 x 4,00	8,58	8,95	10,77	12,81
M 6x1,00	5,00	R	66 x 19 x 6,30 x 5,00	8,58	8,95	11,00	12,81
M 7x1,00	6,00	R	66 x 19 x 7,10 x 5,60		12,73	14,61	
M 8x1,00	7,00	R	69 x 19 x 8,00 x 6,30		17,56	18,02	
M 8x1,25	6,75	R	72 x 22 x 8,00 x 6,30	11,47	11,94	12,35	14,00
M 9x1,25	7,75	R	76 x 20 x 10,00 x 8,00		18,99	21,69	
M 10x1,00	9,00	R	76 x 20 x 10,00 x 8,00		20,14	22,00	
M 10x1,25	8,80	R	76 x 20 x 10,00 x 8,00		24,08	24,85	
M 10x1,50	8,50	R	80 x 24 x 10,00 x 8,00	14,58	15,19	15,92	17,66
MANGO DELGADO			M1DISO	M2DISO	M4DISO	M5DISO	
M 12x1,00	11,00	D	84 x 24 x 9,00 x 7,10		27,74	28,42	
M 12x1,25	10,75	D	84 x 24 x 9,00 x 7,10		27,25	28,21	
M 12x1,50	10,50	D	89 x 29 x 9,00 x 7,10		24,31	26,18	
M 12x1,75	10,20	D	89 x 29 x 9,00 x 7,10	18,74	19,52	20,67	26,42
M 14x1,00	13,00	D	90 x 25 x 11,20 x 9,00		34,74	43,22	
M 14x1,25	12,80	D	90 x 25 x 11,20 x 9,00		29,34	36,74	
M 14x1,50	12,50	D	95 x 30 x 12,50 x 9,00		25,78	28,97	
M 14x2,00	12,00	D	95 x 30 x 11,20 x 9,00	22,41	23,34	28,26	
M 16x1,00	15,00	D	95 x 25 x 12,50 x 10,00		44,21	56,89	
M 16x1,25	14,75	D	102 x 32 x 12,50 x 10,00		49,01	63,08	
M 16x1,50	14,50	D	102 x 32 x 14,00 x 10,00		30,94	34,67	
M 16x2,00	14,00	D	102 x 32 x 12,50 x 10,00	27,83	28,98	32,78	
M 18x1,50	16,50	D	104 x 29 x 14,00 x 11,20		40,88	55,86	
M 18x2,50	15,50	D	112 x 37 x 14,00 x 11,20	41,90	43,64	54,56	
M 20x1,50	18,50	D	104 x 29 x 14,00 x 11,20		52,61	64,34	
M 20x2,50	17,50	D	112 x 37 x 14,00 x 11,20	46,83	48,78	60,97	
M 22x2,50	19,50	D	118 x 38 x 16,00 x 12,50	54,15	56,41	70,51	
M 24x3,00	21,00	D	130 x 45 x 18,00 x 14,00	61,17	63,72	79,64	
M 27x3,00	24,00	D	135 x 45 x 20,00 x 16,00	75,33	78,47	98,09	
M 30x3,50	26,50	D	138 x 48 x 20,00 x 16,00	111,92	116,59	145,73	

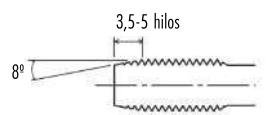
MACHOS MÁQUINA CORTOS DIN 352

M
MFDIN 13


HSS

HSSCo
5%DIN
352TOL
6H

Ref. M03: Cono de entrada 2-3 hilos



Ref. M02AT: Cono de entrada 3,5-5 hilos



	L ₁ x L ₂ x D ₂ x  mm	Ø	M03	M02AT	M03X	M02DIN	M04DIN	
			HSS	HSS	INOX	FORMA B	35°	
			€	€	HSSCo	€	HSS	
M 3x0,50	2,50	D	40 x 11 x 3,50 x 2,70	7,58	10,43	13,53	9,84	11,85
M 4x0,70	3,30	D	45 x 13 x 4,50 x 3,40	7,57	10,42	13,53	9,84	11,85
M 5x0,80	4,20	D	50 x 16 x 6,00 x 4,90	8,10	11,15	14,09	9,84	11,85
M 6x1,00	5,00	D	50 x 19 x 6,00 x 4,90	8,10	11,15	14,04	9,84	12,11
M 7x1,00	6,00	D	50 x 19 x 6,00 x 4,90	9,86				
M 8x1,00	7,00	D	56 x 18 x 6,00 x 4,90	13,65				
M 8x1,25	6,75	D	56 x 22 x 6,00 x 4,90	9,85	13,57	16,34	13,14	14,68
M 9x1,25	7,75	D	63 x 18 x 7,00 x 5,50	16,14				
M 10x1,00	9,00	D	63 x 18 x 7,00 x 5,50	14,62				
M 10x1,25	8,80	D	70 x 24 x 7,00 x 5,50	14,82				
M 10x1,50	8,50	D	70 x 24 x 7,00 x 5,50	12,15	16,72	21,03	16,71	18,50
M 12x1,00	11,00	D	70 x 20 x 9,00 x 7,00	25,91				
M 12x1,25	10,75	D	70 x 20 x 9,00 x 7,00	25,84				
M 12x1,50	10,50	D	70 x 20 x 9,00 x 7,00	22,02				
M 12x1,75	10,20	D	75 x 29 x 9,00 x 7,00	17,09	23,54	30,11	21,48	24,09
M 14x1,00	13,00	D	70 x 20 x 11,00 x 9,00	40,39				
M 14x1,25	12,80	D	70 x 20 x 11,00 x 9,00	31,55				
M 14x1,50	12,50	D	70 x 20 x 11,00 x 9,00	24,53				
M 14x2,00	12,00	D	80 x 30 x 11,00 x 9,00	18,91	26,03	33,34	25,67	31,09
M 16x1,00	15,00	D	70 x 20 x 12,00 x 9,00	53,58				
M 16x1,25	14,75	D	70 x 20 x 12,00 x 9,00	56,40				
M 16x1,50	14,50	D	70 x 20 x 12,00 x 9,00	30,53				
M 16x2,00	14,00	D	80 x 32 x 12,00 x 9,00	27,06		45,70	31,89	36,05
M 18x1,50	16,50	D	80 x 22 x 14,00 x 11,00	40,22				
M 18x2,50	15,50	D	95 x 40 x 14,00 x 11,00	35,71		62,41	48,01	60,02
M 20x1,50	18,50	D	80 x 22 x 16,00 x 12,00	50,37				
M 20x2,50	17,50	D	95 x 40 x 16,00 x 12,00	40,06		69,27	53,66	67,07
M 22x2,50	19,50	D	100 x 40 x 18,00 x 14,50	53,36			62,03	77,56
M 24x3,00	21,00	D	110 x 50 x 18,00 x 14,50	63,65			70,10	87,61
M 27x3,00	24,00	D	110 x 50 x 20,00 x 16,00	80,48			90,48	99,32
M 30x3,50	26,50	D	125 x 50 x 22,00 x 18,00	103,55			123,93	127,28