

MASCHI E FILIERE

> ROSCADO



> TARAUDAGE



> THREADING



CATALOGO / LISTINO N° 14

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2102 HSSE DIN 371

M	MF	Form.	Tol.	R
DIN 13	DIN 13	C	6H	

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M1,20 x 0,25	31,02	40	5	2,10	2,5
M1,40 x 0,30	31,02	40	7	2,10	2,5
M1,60 x 0,35	30,47	40	8	2,10	2,5
M1,70 x 0,35	27,84	40	8	2,10	2,5
M1,80 x 0,35	28,61	40	8	2,10	2,5
M2,00 x 0,40	13,30	45	8	2,10	2,8
M2,20 x 0,45	13,76	45	9	2,10	2,8
M2,30 x 0,40	13,76	45	9	2,10	2,8
M2,50 x 0,45	13,30	50	9	2,10	2,8
M2,60 x 0,45	13,30	50	9	2,10	2,8
M3,00 x 0,50	9,14	56	11	2,70	3,5
MF3,00 x 0,60	15,31	56	11	2,70	3,5
M3,50 x 0,60	12,08	56	11	3,00	4,0

Ø x P mm	€	L mm	I mm	mm	d mm
MF3,50 x 0,75	17,47	56	11	3,00	4,0
MF4,00 x 0,50	19,09	63	13	3,40	4,5
M4,00 x 0,70	9,34	63	13	3,40	4,5
M4,50 x 0,75	16,66	70	14	4,90	6,0
MF5,00 x 0,50	19,62	70	16	4,90	6,0
MF5,00 x 0,75	20,03	70	16	4,90	6,0
M5,00 x 0,80	9,37	70	16	4,90	6,0
M6,00 x 1,00	10,65	80	19	4,90	6,0
M7,00 x 1,00	12,88	80	19	5,50	7,0
M8,00 x 1,25	11,97	90	22	6,20	8,0
M9,00 x 1,25	19,45	90	22	7,00	9,0
M10,00 x 1,50	13,42	100	24	8,00	10,0

2101 HSSE DIN 376/374

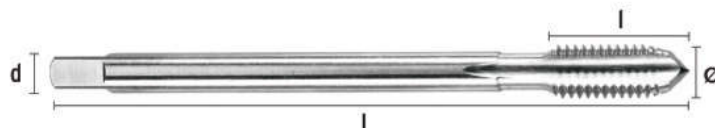
M	MF	Form.	Tol.	D
DIN 13	DIN 13	C	6H	

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3,00 x 0,50	8,97	56	11	2,00	2,2
M3,50 x 0,60	12,08	56	11	2,10	2,5
M4,00 x 0,70	9,34	63	13	2,10	2,8
M5,00 x 0,80	9,37	70	16	2,70	3,5
MF6,00 x 0,50	23,54	80	19	3,40	4,5
MF6,00 x 0,75	18,49	80	19	3,40	4,5
M6,00 x 1,00	10,65	80	19	3,40	4,5
MF7,00 x 0,50	26,79	80	19	4,30	5,5
MF7,00 x 0,75	20,67	80	19	4,90	5,5
M7,00 x 1,00	12,88	80	19	4,30	5,5
MF8,00 x 0,50	25,80	90	22	4,90	6,0
MF8,00 x 0,75	18,85	90	22	4,90	6,0
MF8,00 x 1,00	15,27	90	22	4,90	6,0
M8,00 x 1,25	11,97	90	22	4,90	6,0
MF9,00 x 0,75	27,96	90	22	5,50	7,0
MF9,00 x 1,00	23,29	90	22	5,50	7,0

Ø x P mm	€	L mm	I mm	mm	d mm
M9,00 x 1,25	19,45	90	22	5,50	7,0
MF10,00 x 0,50	74,11	90	20	5,50	7,0
MF10,00 x 0,75	30,15	90	20	5,50	7,0
MF10,00 x 1,00	16,95	90	20	5,50	7,0
MF10,00 x 1,25	19,39	100	24	5,50	7,0
M10,00 x 1,50	13,42	100	24	5,50	7,0
MF11,00 x 1,00	29,78	90	22	6,20	8,0
MF11,00 x 1,25	29,78	100	24	6,20	8,0
M11,00 x 1,50	24,48	100	24	6,20	8,0
MF12,00 x 0,75	46,52	100	22	7,00	9,0
MF12,00 x 1,00	23,16	100	22	7,00	9,0
MF12,00 x 1,25	23,42	100	22	7,00	9,0
MF12,00 x 1,50	20,94	100	22	7,00	9,0
M12,00 x 1,75	17,29	110	29	7,00	9,0
MF13,00 x 0,75	79,61	100	22	9,00	11,0
MF13,00 x 1,00	43,01	100	22	9,00	11,0

(continúa Ref.2101 / suite Réf.2101 / Ref.2101 cont'd)

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

(continúa Ref.2101 / suite Réf.2101 / Ref.2101 cont'd)

Ø x P mm	€	L mm	I mm	mm	d mm
MF13,00 x 1,25	43,01	100	22	9,00	11,0
MF13,00 x 1,50	43,01	100	22	9,00	11,0
M13,00 x 1,75	43,01	110	29	9,00	11,0
MF14,00 x 0,75	79,61	100	22	9,00	11,0
MF14,00 x 1,00	37,23	100	22	9,00	11,0
MF14,00 x 1,25	30,61	100	22	9,00	11,0
MF14,00 x 1,50	24,14	100	22	9,00	11,0
M14,00 x 2,00	23,94	110	30	9,00	11,0
MF15,00 x 1,00	47,95	100	22	9,00	12,0
MF15,00 x 1,25	52,37	100	22	9,00	12,0
MF15,00 x 1,50	42,57	100	22	9,00	12,0
M15,00 x 2,00	52,09	110	30	9,00	12,0
MF16,00 x 1,00	45,18	100	22	9,00	12,0
MF16,00 x 1,25	49,29	100	22	9,00	12,0
MF16,00 x 1,50	27,56	100	22	9,00	12,0
M16,00 x 2,00	28,15	110	30	9,00	12,0
MF17,00 x 1,00	89,87	100	22	9,00	12,0
MF17,00 x 1,25	89,87	100	22	9,00	12,0
MF17,00 x 1,50	89,87	100	22	9,00	12,0
MF18,00 x 1,00	50,59	110	25	11,00	14,0
MF18,00 x 1,25	63,95	110	25	11,00	14,0
MF18,00 x 1,50	39,51	110	25	11,00	14,0
MF18,00 x 2,00	56,83	125	34	11,00	14,0
M18,00 x 2,50	40,58	125	34	11,00	14,0
MF19,00 x 1,00	118,08	110	25	11,00	14,0
MF19,00 x 1,25	118,01	110	25	11,00	14,0
MF19,00 x 1,50	118,07	110	25	11,00	14,0
MF20,00 x 1,00	66,79	125	25	12,00	16,0
MF20,00 x 1,25	118,08	125	25	12,00	16,0
MF20,00 x 1,50	44,74	125	25	12,00	16,0
MF20,00 x 2,00	58,63	140	34	12,00	16,0
M20,00 x 2,50	43,12	140	34	12,00	16,0
MF21,00 x 1,00	171,42	125	25	12,00	16,0
MF21,00 x 1,25	171,42	125	25	12,00	16,0
MF21,00 x 1,50	125,84	125	25	12,00	16,0
MF22,00 x 1,00	74,89	125	25	14,50	18,0
MF22,00 x 1,25	118,08	125	25	14,50	18,0
MF22,00 x 1,50	53,85	125	25	14,50	18,0
MF22,00 x 2,00	74,89	140	34	14,50	18,0
M22,00 x 2,50	54,67	140	34	14,50	18,0
MF23,00 x 1,00	171,34	125	25	14,50	18,0
MF23,00 x 1,50	171,34	125	25	14,50	18,0
MF24,00 x 1,00	81,64	140	28	14,50	18,0
MF24,00 x 1,25	171,42	140	28	14,50	18,0
MF24,00 x 1,50	66,22	140	28	14,50	18,0
MF24,00 x 2,00	83,72	140	28	14,50	18,0
M24,00 x 3,00	65,48	160	38	14,50	18,0
MF25,00 x 1,00	221,74	140	28	14,50	18,0
MF25,00 x 1,50	103,06	140	28	14,50	18,0
MF25,00 x 2,00	221,74	140	28	14,50	18,0
MF26,00 x 1,00	221,74	140	28	14,50	18,0
MF26,00 x 1,50	89,31	140	28	14,50	18,0
MF26,00 x 2,00	221,74	140	28	14,50	18,0
MF27,00 x 1,00	112,17	140	28	16,00	20,0

Ø x P mm	€	L mm	I mm	mm	d mm
MF27,00 x 1,50	97,53	140	28	16,00	20,0
MF27,00 x 2,00	116,72	140	28	16,00	20,0
M27,00 x 3,00	81,71	160	38	16,00	20,0
MF28,00 x 1,00	221,74	140	28	16,00	20,0
MF28,00 x 1,50	97,53	140	28	16,00	20,0
MF28,00 x 2,00	221,74	140	28	16,00	20,0
MF30,00 x 1,00	124,76	150	28	18,00	22,0
MF30,00 x 1,50	101,67	150	28	18,00	22,0
MF30,00 x 2,00	125,84	150	28	18,00	22,0
MF30,00 x 3,00	138,37	180	45	18,00	22,0
M30,00 x 3,50	104,72	180	45	18,00	22,0
MF32,00 x 1,00	272,18	150	28	18,00	22,0
MF32,00 x 1,50	128,61	150	28	18,00	22,0
MF32,00 x 2,00	272,30	150	28	18,00	22,0
MF33,00 x 1,00	272,30	160	30	20,00	25,0
MF33,00 x 1,50	140,93	160	30	20,00	25,0
MF33,00 x 2,00	237,50	160	30	20,00	25,0
MF33,00 x 3,00	261,14	180	50	20,00	25,0
M33,00 x 3,50	125,84	180	50	20,00	25,0
MF34,00 x 1,50	165,62	170	30	22,00	28,0
MF34,00 x 2,00	298,88	170	30	22,00	28,0
MF35,00 x 1,50	165,17	170	30	22,00	28,0
MF36,00 x 1,50	161,09	170	30	22,00	28,0
MF36,00 x 2,00	217,58	170	30	22,00	28,0
MF36,00 x 3,00	249,60	200	56	22,00	28,0
M36,00 x 4,00	160,84	200	56	22,00	28,0
MF38,00 x 1,50	171,73	170	30	22,00	28,0
MF38,00 x 2,00	352,01	170	30	22,00	28,0
MF39,00 x 1,50	260,26	170	30	24,00	32,0
MF39,00 x 2,00	260,26	170	30	24,00	32,0
MF39,00 x 3,00	352,40	200	60	24,00	32,0
M39,00 x 4,00	205,35	200	60	24,00	32,0
MF40,00 x 1,50	224,65	170	30	24,00	32,0
MF40,00 x 2,00	260,95	170	30	24,00	32,0
MF40,00 x 3,00	260,95	200	60	24,00	32,0
MF42,00 x 1,50	228,02	170	30	24,00	32,0
MF42,00 x 2,00	298,50	170	30	24,00	32,0
MF42,00 x 3,00	298,50	200	60	24,00	32,0
M42,00 x 4,50	263,98	200	60	24,00	32,0
MF45,00 x 1,50	282,30	180	32	29,00	36,0
MF45,00 x 2,00	358,41	180	32	29,00	36,0
MF45,00 x 3,00	358,41	200	50	29,00	36,0
M45,00 x 4,50	288,46	220	65	29,00	36,0
MF48,00 x 1,50	288,46	190	32	29,00	36,0
MF48,00 x 2,00	434,37	190	32	29,00	36,0
MF48,00 x 3,00	434,35	225	50	29,00	36,0
M48,00 x 5,00	354,68	250	70	29,00	36,0
MF50,00 x 1,50	337,32	190	32	29,00	36,0
MF52,00 x 1,50	341,48	190	32	32,00	40,0
MF52,00 x 2,00	521,72	190	32	32,00	40,0
MF52,00 x 3,00	535,69	225	50	32,00	40,0
M52,00 x 5,00	363,25	250	70	32,00	40,0
MF63,00 x 1,50	782,63	275	40	39,00	50,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2102/5

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	18,29	56	11	2,70	3,5
M4 x 0,70	18,67	63	13	3,40	4,5
M5 x 0,80	18,75	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	21,28	80	19	4,90	6,0
M8 x 1,25	23,95	90	22	6,20	8,0
M10 x 1,50	26,83	100	24	8,00	10,0

2101/5

HSSE DIN 376/374

M
DIN 13

MF
DIN 13

Form.
C



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M5 x 0,80	18,75	70	16	2,70	3,5
M6 x 1,00	21,28	80	19	3,40	4,5
M7 x 1,00	25,76	80	19	4,30	5,5
MF8 x 1,00	30,53	90	22	4,90	6,0
M8 x 1,25	23,95	90	22	4,90	6,0
M9 x 1,25	38,90	90	22	5,50	7,0
MF10 x 1,00	33,88	90	20	5,50	7,0
MF10 x 1,25	26,83	100	24	5,50	7,0
M10 x 1,50	26,83	100	24	5,50	7,0
MF12 x 1,25	46,82	100	22	7,00	7,0
MF12 x 1,50	41,88	100	22	7,00	9,0
M12 x 1,75	34,59	110	29	7,00	9,0
MF14 x 1,50	48,28	100	22	9,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M14 x 2,00	47,89	110	30	9,00	11,0
MF16 x 1,50	55,11	100	22	9,00	11,0
M16 x 2,00	56,29	110	30	9,00	12,0
MF18 x 1,50	79,02	110	25	11,00	12,0
M18 x 2,50	85,08	125	34	11,00	14,0
MF20 x 1,50	89,48	125	25	12,00	14,0
M20 x 2,50	90,35	140	35	12,00	16,0
MF22 x 1,50	107,71	125	25	14,50	18,0
M22 x 2,50	109,36	140	34	14,50	18,0
MF24 x 1,50	132,46	140	28	14,50	18,0
M24 x 3,00	130,95	160	38	14,50	18,0
M27 x 3,00	163,42	160	38	16,00	20,0
M30 x 3,50	209,43	180	45	18,00	22,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2114

HSSE DIN 371

M
DIN 13

MF
DIN 13

Form.
A



Tol.
6H

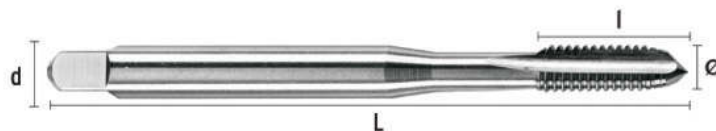


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M2,00 x 0,40	14,11	45	8	2,10	2,8
M2,20 x 0,45	15,29	45	9	2,10	2,8
M2,30 x 0,40	14,55	45	9	2,10	2,8
M2,50 x 0,45	14,11	50	9	2,10	2,8
M2,60 x 0,45	14,11	50	9	2,10	2,8
M3,00 x 0,50	10,06	56	11	2,70	3,5
M3,50 x 0,60	12,82	56	11	3,00	4,0
M4,00 x 0,70	10,27	63	13	3,40	4,5

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M4,50 x 0,75	17,65	70	14	4,90	6,0
M5,00 x 0,80	10,31	70	16	4,90	6,0
M6,00 x 1,00	11,70	80	19	4,90	6,0
M7,00 x 1,00	13,39	80	19	5,50	7,0
M8,00 x 1,25	13,16	90	22	6,20	8,0
M9,00 x 1,25	20,62	90	22	7,00	9,0
M10,00 x 1,50	14,74	100	24	8,00	10,0

2113

HSSE DIN 376/374

M
DIN 13

MF
DIN 13

Form.
A



Tol.
6H

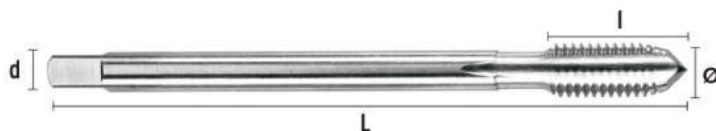


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3,00 x 0,50	10,06	56	11	2,00	2,2
M3,50 x 0,60	12,82	56	11	2,10	2,5
M4,00 x 0,70	10,27	63	13	2,10	2,8
M5,00 x 0,80	10,31	70	16	2,70	3,5
M6,00 x 1,00	11,70	80	19	3,40	4,5
M7,00 x 1,00	13,39	80	19	4,30	5,5
M8,00 x 1,25	13,16	90	22	4,90	6,0
M9,00 x 1,25	20,62	90	22	5,50	7,0
M10,00 x 1,50	14,74	100	24	5,50	7,0
M11,00 x 1,50	25,97	100	24	6,20	8,0
M12,00 x 1,75	19,03	110	29	7,00	9,0
M13,00 x 1,75	45,58	110	29	9,00	11,0
M14,00 x 2,00	24,89	110	30	9,00	11,0
M15,00 x 2,00	55,19	110	30	9,00	12,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M16,00 x 2,00	29,24	110	30	9,00	12,0
M18,00 x 2,50	45,08	125	35	11,00	14,0
M20,00 x 2,50	47,88	140	35	12,00	16,0
M22,00 x 2,50	57,92	140	35	14,50	18,0
M24,00 x 3,00	69,38	160	38	14,50	18,0
M27,00 x 3,00	86,58	160	38	16,00	20,0
M30,00 x 3,50	110,95	180	45	18,00	22,0
M33,00 x 3,50	133,33	180	50	20,00	25,0
M36,00 x 4,00	170,43	200	56	22,00	28,0
M39,00 x 4,00	217,57	200	60	24,00	32,0
M42,00 x 4,50	279,70	200	60	24,00	32,0
M45,00 x 4,50	305,62	220	65	29,00	36,0
M48,00 x 5,00	375,80	250	70	29,00	36,0
M52,00 x 5,00	384,86	250	70	32,00	40,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2190 HSSE DIN 371

M
DIN 13

Form.
E



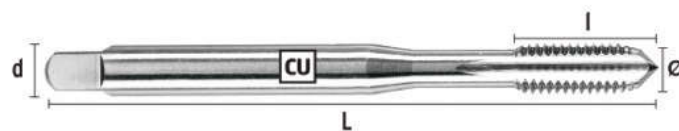
Tol.
6H



Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	10,22	56	11	3,50	3,5
M4 x 0,70	10,43	63	13	3,40	4,5
M5 x 0,80	10,47	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	11,90	80	19	4,90	6,0
M8 x 1,25	15,28	90	22	6,20	8,0
M10 x 1,50	19,70	100	24	8,00	10,0

2191 HSSE DIN 376

M
DIN 13

Form.
E



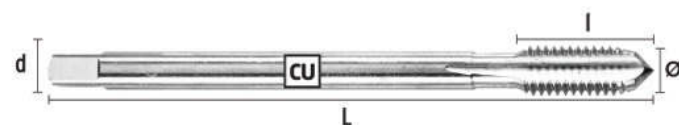
Tol.
6H



Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	11,90	80	19	3,40	4,5
M8 x 1,25	15,28	90	22	4,90	6,0
M10 x 1,50	19,70	100	24	5,50	7,0

Ø x P mm	€	L mm	I mm	mm	d mm
M12 x 1,75	26,25	110	29	7,00	9,0
M14 x 2,00	30,87	110	30	9,00	11,0
M16 x 2,00	37,03	110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2129

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6HX

R

NIT

Fundición

Fonte / Cast Iron

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	12,10	56	11	2,70	3,5
M4 x 0,70	11,62	63	13	3,40	4,5
M5 x 0,80	11,62	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	12,75	80	19	4,90	6,0
M8 x 1,25	14,53	90	22	6,20	8,0
M10 x 1,50	17,26	100	24	8,00	10,0

2128

HSSE DIN 376

M
DIN 13

Form.
C



Tol.
6HX

D

NIT

Fundición

Fonte / Cast Iron

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	12,75	80	19	3,40	4,5
M8 x 1,25	14,53	90	22	4,90	6,0
M10 x 1,50	17,26	100	24	5,50	7,0
M12 x 1,75	22,25	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
M14 x 2,00	30,99	110	30	9,00	11,0
M16 x 2,00	37,60	110	30	9,00	12,0
M18 x 2,50	70,09	125	34	11,00	14,0
M20 x 2,50	70,09	140	34	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2180

HSSE DIN 371

M

DIN 13

Form.

C

Tol.

6HX

R

TICN

Fundición

Fonte / Cast Iron

Aplicaciones / Applications

Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	18,35	56	11	2,70	3,5
M4 x 0,70	18,73	63	13	3,40	4,5
M5 x 0,80	18,73	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	19,86	80	19	4,90	6,0
M8 x 1,25	23,67	90	22	6,20	8,0
M10 x 1,50	28,64	100	24	8,00	10,0

2179

HSSE DIN 376

M

DIN 13

Form.

C

Tol.

6HX

D

TICN

Fundición

Fonte / Cast Iron

Aplicaciones / Applications

Ø x P mm	€	L mm	I mm	mm	d mm
M8 x 1,25	23,67	90	24	4,90	6,0
M10 x 1,50	28,64	100	24	5,50	7,0
M12 x 1,75	36,06	110	29	7,00	9,0
M14 x 2,00	45,96	110	30	9,00	11,0

Ø x P mm	€	L mm	I mm	mm	d mm
M16 x 2,00	53,00	110	30	9,00	12,0
M18 x 2,50	88,97	125	34	11,00	14,0
M20 x 2,50	100,53	140	34	12,00	16,0

пер RF

179

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2104

HSSE DIN 371

M
DIN 13

MF
DIN 13

Form.
B
"Gun"



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M2,00 x 0,40	14,54	45	8	2,10	2,8
M2,50 x 0,45	14,48	50	9	2,10	2,8
M2,60 x 0,45	14,48	50	9	2,10	2,8
M3,00 x 0,50	10,30	56	11	2,70	3,5
MF3,00 x 0,60	17,10	56	11	2,70	3,5
M3,50 x 0,60	13,20	56	11	3,40	4,0
MF4,00 x 0,50	21,00	63	13	3,00	4,5
M4,00 x 0,70	10,54	63	13	3,40	4,5
MF4,00 x 0,75	15,05	63	13	3,40	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M4,50 x 0,75	18,48	70	14	4,90	6,0
MF5,00 x 0,50	21,58	70	16	4,90	6,0
M5,00 x 0,80	10,55	70	16	4,90	6,0
M6,00 x 1,00	11,58	80	19	4,90	6,0
M7,00 x 1,00	15,15	80	19	5,50	7,0
M8,00 x 1,25	12,77	90	22	6,20	8,0
M9,00 x 1,25	19,83	90	22	7,00	10,0
M10,00 x 1,50	15,68	100	24	8,00	7,0

2103

HSSE DIN 376/374

M
DIN 13

MF
DIN 13

Form.
B
"Gun"



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3,00 x 0,50	10,30	56	11	2,00	2,2
M3,50 x 0,60	13,21	56	13	2,10	2,5
M4,00 x 0,70	10,54	63	13	2,10	2,8
M4,50 x 0,75	18,48	70	16	2,70	3,5
M5,00 x 0,80	10,55	70	16	2,70	3,5
MF6,00 x 0,75	17,54	80	19	3,40	4,5
M6,00 x 1,00	11,58	80	19	3,40	4,5
MF7,00 x 0,75	22,90	80	19	4,90	5,5
M7,00 x 1,00	15,15	80	19	4,30	5,5
MF8,00 x 0,75	21,67	90	22	4,90	6,0
MF8,00 x 1,00	16,79	90	22	4,90	6,0
M8,00 x 1,25	12,77	90	22	4,90	6,0
MF9,00 x 1,00	25,61	90	22	5,50	7,0
M9,00 x 1,25	19,83	90	22	5,50	7,0
MF10,00 x 0,75	30,78	90	20	5,50	7,0
MF10,00 x 1,00	18,70	90	20	5,50	7,0
MF10,00 x 1,25	22,28	100	24	5,50	7,0
M10,00 x 1,50	15,68	100	24	5,50	7,0
MF11,00 x 1,00	32,78	90	20	6,20	8,0
MF11,00 x 1,25	32,78	100	24	6,20	8,0
M11,00 x 1,50	26,92	100	24	6,20	8,0
MF12,00 x 1,00	25,49	100	22	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
MF12,00 x 1,25	25,76	100	22	7,00	9,0
MF12,00 x 1,50	23,01	100	22	7,00	9,0
M12,00 x 1,75	20,01	110	29	7,00	9,0
MF13,00 x 1,00	47,30	100	22	9,00	11,0
MF13,00 x 1,25	47,28	100	22	9,00	11,0
MF13,00 x 1,50	47,28	100	22	9,00	11,0
M13,00 x 1,75	47,30	110	29	9,00	11,0
MF14,00 x 1,00	40,95	100	22	9,00	11,0
MF14,00 x 1,25	33,41	100	22	9,00	11,0
MF14,00 x 1,50	26,58	100	22	9,00	11,0
M14,00 x 2,00	26,34	110	30	9,00	11,0
MF15,00 x 1,00	52,62	100	22	9,00	12,0
MF15,00 x 1,25	57,62	100	22	9,00	12,0
MF15,00 x 1,50	46,81	100	22	9,00	12,0
M15,00 x 2,00	57,30	110	30	9,00	12,0
MF16,00 x 1,00	49,69	100	22	9,00	12,0
MF16,00 x 1,25	55,08	100	22	9,00	12,0
MF16,00 x 1,50	33,12	100	22	9,00	12,0
M16,00 x 2,00	32,36	110	30	9,00	12,0
MF18,00 x 1,00	55,62	110	25	11,00	14,0
MF18,00 x 1,50	43,47	110	25	11,00	14,0
MF18,00 x 2,00	62,53	125	34	11,00	14,0

(continúa Ref.2103 / suite Réf.2103 / Ref.2103 cont'd)

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

(continúa Ref.2103 / suite Réf.2103 / Ref.2103 cont'd)

Ø x P mm	€	L mm	I mm	mm	d mm
M18,00 x 2,50	43,98	125	34	11,00	14,0
MF20,00 x 1,00	73,49	125	25	12,00	16,0
MF20,00 x 1,50	49,19	125	25	12,00	16,0
MF20,00 x 2,00	64,48	140	34	12,00	16,0
M20,00 x 2,50	47,44	140	34	12,00	16,0
MF22,00 x 1,00	82,37	125	25	14,50	18,0
MF22,00 x 1,50	59,23	125	25	14,50	18,0
MF22,00 x 2,00	82,37	140	34	14,50	18,0
M22,00 x 2,50	60,13	140	34	14,50	18,0
MF24,00 x 1,00	102,62	140	28	14,50	18,0
MF24,00 x 1,50	72,81	140	28	14,50	18,0
MF24,00 x 2,00	92,09	140	28	14,50	18,0
M24,00 x 3,00	71,62	160	38	14,50	18,0
MF25,00 x 1,50	113,13	140	28	14,50	18,0
MF25,00 x 2,00	243,92	140	28	14,50	18,0
MF26,00 x 1,50	93,65	140	28	14,50	18,0
MF26,00 x 2,00	243,92	140	28	14,50	18,0
MF27,00 x 1,50	107,04	140	28	16,00	20,0
MF27,00 x 2,00	127,64	140	28	16,00	20,0
M27,00 x 3,00	89,59	160	38	16,00	20,0
MF28,00 x 1,50	107,04	140	28	16,00	20,0
MF28,00 x 2,00	243,92	140	28	16,00	20,0
MF30,00 x 1,00	152,27	150	28	18,00	22,0
MF30,00 x 1,50	111,86	150	28	18,00	22,0
MF30,00 x 2,00	138,42	150	28	18,00	22,0

Ø x P mm	€	L mm	I mm	mm	d mm
M30,00 x 3,50	115,11	180	45	18,00	22,0
MF32,00 x 1,50	141,40	150	28	18,00	22,0
MF32,00 x 2,00	299,54	150	28	18,00	22,0
MF33,00 x 1,50	153,01	160	30	20,00	25,0
MF33,00 x 2,00	261,22	160	30	20,00	25,0
M33,00 x 3,50	144,81	180	50	20,00	25,0
MF34,00 x 1,50	177,20	170	30	22,00	28,0
MF35,00 x 1,50	187,23	170	30	22,00	28,0
MF36,00 x 1,50	177,20	170	30	22,00	28,0
MF36,00 x 2,00	239,33	170	30	22,00	28,0
MF36,00 x 3,00	274,56	200	56	22,00	28,0
M36,00 x 4,00	176,91	200	56	22,00	28,0
MF38,00 x 1,50	193,47	170	30	22,00	28,0
MF38,00 x 2,00	387,23	170	30	22,00	28,0
M39,00 x 4,00	225,90	200	60	24,00	32,0
MF40,00 x 1,50	247,14	170	30	24,00	32,0
MF40,00 x 3,00	305,24	200	60	24,00	32,0
MF42,00 x 1,50	251,23	170	30	24,00	32,0
M42,00 x 4,50	290,42	200	60	24,00	32,0
MF45,00 x 1,50	307,63	180	32	29,00	36,0
M45,00 x 4,50	317,26	220	65	29,00	36,0
M48,00 x 5,00	390,12	250	70	29,00	36,0
MF50,00 x 1,50	374,94	190	32	29,00	36,0
M52,00 x 5,00	399,37	250	70	32,00	40,0



MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2111

HSSE DIN 371



M
DIN 13

Form.
B
"Gun"



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3 x 0,50	22,71	100	11	2,70	3,5
M4 x 0,70	25,71	100	13	3,40	4,5
M5 x 0,80	26,72	120	16	4,90	6,0
M6 x 1,00	26,72	120	19	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M8 x 1,25	35,35	150	22	6,20	8,0
M10 x 1,50	42,91	150	24	8,00	10,0
M12 x 1,75	48,23	150	29	9,00	12,0

2110

HSSE DIN 371

M
DIN 13

Form.
B
"Gun"



Tol.
6H
+0,1



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3 x 0,50	16,39	56	11	2,70	3,5
M4 x 0,70	16,73	63	13	3,40	4,5
M5 x 0,80	16,78	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M6 x 1,00	19,07	80	19	4,90	6,0
M8 x 1,25	21,46	90	22	6,20	8,0
M10 x 1,50	27,02	100	24	8,00	10,0

2109

HSSE DIN 376

M
DIN 13

Form.
B
"Gun"



Tol.
6H
+0,1



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M8 x 1,25	21,46	90	22	4,90	6,0
M10 x 1,50	27,02	100	24	5,50	7,0
M12 x 1,75	34,50	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M14 x 2,00	43,32	110	30	9,00	11,0
M16 x 2,00	52,42	110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2168

HSSE DIN 371

M
DIN 13

Form.
B
"Gun"



Tol.
6G



Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3 x 0,50	16,20	56	11	2,70	3,5
M4 x 0,70	16,20	63	13	3,40	4,5
M5 x 0,80	16,20	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M6 x 1,00	16,33	80	19	4,90	6,0
M8 x 1,25	19,60	90	22	6,20	8,0
M10 x 1,50	23,04	100	24	8,00	10,0

2169

HSSE DIN 376

M
DIN 13

Form.
B
"Gun"



Tol.
6G



Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M8 x 1,25	19,60	90	22	4,90	6,0
M10 x 1,50	23,04	100	24	5,50	7,0
M12 x 1,75	28,78	110	29	7,00	9,0
M14 x 2,00	36,10	110	30	9,00	11,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M16 x 2,00	43,68	110	30	9,00	12,0
M18 x 2,50	59,99	125	34	11,00	14,0
M20 x 2,50	62,71	140	34	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2116

HSSE DIN 371

M
DIN 13

Form.
B
"Gun"



Tol.
6H

R

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

800 N/mm² F AL CU PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	14,43	56	11	2,70	3,5
M4 x 0,70	15,42	63	13	3,40	4,5
M5 x 0,80	15,43	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	16,46	80	19	4,90	6,0
M8 x 1,25	19,05	90	22	6,20	8,0
M10 x 1,50	24,98	100	24	8,00	10,0

2115

HSSE DIN 376

M
DIN 13

Form.
B
"Gun"



Tol.
6H

D

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

800 N/mm² F AL CU PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M10 x 1,50		100	24	5,50	7,0
M12 x 1,75		110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M14 x 2,00		110	30	9,00	11,0
M16 x 2,00		110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2126

HSSEX DIN 371

ASP
2030

M
DIN 13

Form.
B
"Gun"



Tol.
6H



TICN

Aceros 800 - 1100 N/mm²

Aciers / Steel

TI F

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M3 x 0,50	21,76	56	11	2,70	3,5
M4 x 0,70	22,01	63	13	3,40	4,5
M5 x 0,80	23,76	70	14	4,90	6,0

Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	24,54	80	18	4,90	6,0
M8 x 1,25	29,38	90	20	6,20	8,0
M10 x 1,50	38,66	100	20	8,00	10,0

2125

HSSEX DIN 376

ASP
2030

M
DIN 13

Form.
B
"Gun"



Tol.
6H



TICN

Aceros 800 - 1100 N/mm²

Aciers / Steel

TI F

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M8 x 1,25	33,81	90	22	4,90	6,0
M10 x 1,50	42,53	100	24	5,50	7,0
M12 x 1,75	53,76	110	29	7,00	9,0
M14 x 2,00	71,14	110	30	9,00	11,0

Ø x P mm	€	L mm	l mm	mm	d mm
M16 x 2,00	77,01	110	32	9,00	12,0
M18 x 2,50	100,51	125	34	11,00	14,0
M20 x 2,50	107,88	140	34	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2176

HSSEX DIN 371

ASP
2052

M
DIN 13

Form.
B
"Gun"



Tol.
6HX

R

TICN

Aceros 1100 - 1400 N/mm²

Aciers / Steel

TI 1100 N/mm² INOX F PL

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M3 x 0,50	30,92	56	5	2,70	3,5
M4 x 0,70	30,92	63	13	3,40	4,5
M5 x 0,80	27,99	70	14	4,90	6,0

Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	28,76	80	18	4,90	6,0
M8 x 1,25	34,23	90	20	6,20	8,0
M10 x 1,50	44,85	100	20	8,00	10,0

2175

HSSEX DIN 376

ASP
2052

M
DIN 13

Form.
B
"Gun"



Tol.
6HX

D

TICN

Aceros 1100 - 1400 N/mm²

Aciers / Steel

TI 1100 N/mm² INOX F PL

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M8 x 1,25	37,63	90	22	4,90	6,0
M10 x 1,50	49,33	100	24	5,50	7,0
M12 x 1,75	62,63	110	29	7,00	9,0
M14 x 2,00	86,75	110	30	9,00	11,0

Ø x P mm	€	L mm	l mm	mm	d mm
M16 x 2,00	90,00	110	32	9,00	12,0
M18 x 2,50	130,41	125	34	11,00	14,0
M20 x 2,50	146,95	140	34	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2122

HSSE DIN 371

M
DIN 13

Form.
B
"Gun"



Tol.
6H



Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M3 x 0,50	15,29	56	11	2,70	3,5
M4 x 0,70	15,29	63	13	3,40	4,5
M5 x 0,80	15,29	70	14	4,90	6,0

Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	16,79	80	19	4,90	6,0
M8 x 1,25	19,11	90	22	6,20	8,0
M10 x 1,50	22,43	100	24	8,00	10,0

2121

HSSE DIN 376

M
DIN 13

Form.
B
"Gun"



Tol.
6H

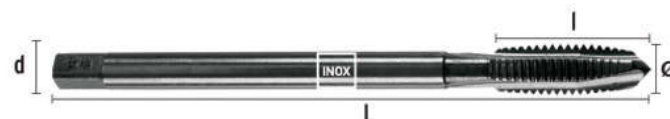


Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M4 x 0,70	15,29	63	13	2,10	2,8
M5 x 0,50	15,29	70	16	2,70	3,5
M6 x 1,00	16,79	80	19	3,40	4,5
M8 x 1,25	19,11	90	22	4,90	6,0
M10 x 1,50	22,43	100	24	5,50	7,0
M12 x 1,75	29,23	110	29	7,00	9,0

Ø x P mm	€	L mm	l mm	mm	d mm
M14 x 2,00	37,23	110	30	9,00	11,0
M16 x 2,00	43,81	110	30	9,00	12,0
M18 x 2,50	62,15	125	34	11,00	14,0
M20 x 2,50	67,04	140	34	12,00	16,0
M22 x 2,50	72,40	140	34	14,50	18,0
M24 x 3,00	78,19	160	38	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2219

HSSE DIN 371

M
DIN 13

Form.
B
"Gun"



Tol.
6H

R

TIN

Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² T1

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	18,95	56	11	2,70	3,5
M4 x 0,70	19,66	63	13	3,40	4,5
M5 x 0,80	19,66	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	21,16	80	19	4,90	6,0
M8 x 1,25	24,43	90	22	6,20	8,0
M10 x 1,50	30,13	100	24	8,00	10,0

2220

HSSE DIN 376

M
DIN 13

Form.
B
"Gun"



Tol.
6H

D

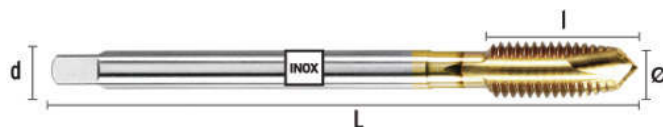
TIN

Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² T1

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M4 x 0,70	19,71	63	13	2,10	2,8
M5 x 0,50	19,67	70	16	2,70	3,5
M6 x 1,00	21,16	80	19	3,40	4,5
M8 x 1,25	24,43	90	22	4,90	6,0
M10 x 1,50	30,13	100	24	5,50	7,0
M12 x 1,75	35,92	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M14 x 2,00	44,15	110	30	9,00	14,0
M16 x 2,00	50,02	110	30	9,00	12,0
M18 x 2,50	68,26	125	34	11,00	14,0
M20 x 2,50	80,61	140	34	12,00	16,0
M22 x 2,50	85,97	140	34	14,50	18,0
M24 x 3,00	91,76	160	38	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2133 HSSE DIN 371

M
DIN 13

B-AZ



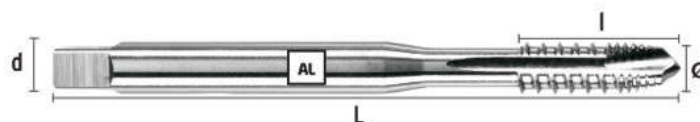
Tol.
6H

R

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	16,63	56	11	2,70	3,5
M4 x 0,70	16,63	63	13	3,40	4,5
M5 x 0,80	16,63	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	17,50	80	19	4,90	6,0
M8 x 1,25	20,94	90	22	6,20	8,0
M10 x 1,50	24,68	100	24	8,00	10,0

2132 HSSE DIN 376

M
DIN 13

B-AZ



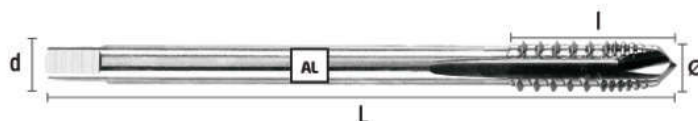
Tol.
6H

D

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M4 x 0,70	16,63	63	13	2,10	2,8
M5 x 0,80	16,63	70	16	2,70	3,5
M6 x 1,00	17,50	80	19	3,40	4,5
M8 x 1,25	20,94	90	22	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M10 x 1,50	24,68	100	24	5,50	7,0
M12 x 1,75	31,13	110	29	7,00	9,0
M14 x 2,00	38,77	110	30	9,00	11,0
M16 x 2,00	51,41	110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2184

HSSE DIN 371

M
DIN 13

B-AZ



Tol.
6H

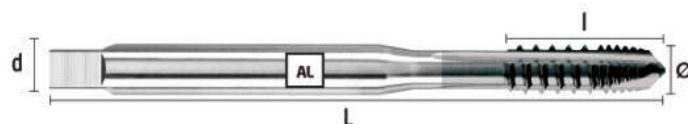
R

CrN

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	Ø mm	d mm
M3 x 0,50	23,53	56	11	2,70	3,5
M4 x 0,70	24,39	63	13	3,40	4,5
M5 x 0,80	24,69	70	16	4,90	6,0

Ø x P mm	€	L mm	l mm	Ø mm	d mm
M6 x 1,00	25,58	80	19	4,90	6,0
M8 x 1,25	30,16	90	22	6,20	8,0
M10 x 1,50	34,70	100	24	8,00	10,0

2183

HSSE DIN 376

M
DIN 13

B-AZ



Tol.
6H

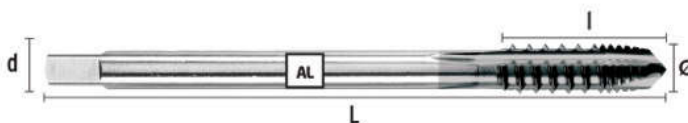
D

CrN

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	Ø mm	d mm
M4 x 0,70	24,39	63	13	2,10	2,8
M5 x 0,80	24,69	70	16	2,70	3,5
M6 x 1,00	25,58	80	19	3,40	4,5
M8 x 1,25	30,16	90	22	4,90	6,0

Ø x P mm	€	L mm	l mm	Ø mm	d mm
M10 x 1,50	34,70	100	24	5,50	7,0
M12 x 1,75	42,02	110	29	7,00	9,0
M14 x 2,00	51,03	110	30	9,00	11,0
M16 x 2,00	65,59	110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2230

HSSEX DIN371

ASP
2052

M
DIN 13

Form.
B
"Gun"



Tol.
6HX

R

TiCN

Titanio

Aplicaciones / Applications

Titanium



Ø x P mm	€	L mm	I mm	mm	d mm
M5,00 x 0,80	31,30	70	14	4,90	6,0
M6,00 x 1,00	33,15	80	18	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	46,55	90	20	6,20	8,0
M10,00 x 1,50	58,00	100	20	8,00	10,0

2231

HSSEX DIN376

ASP
2052

M
DIN 13

Form.
B
"Gun"



Tol.
6HX

D

TiCN

Titanio

Aplicaciones / Applications

Titanium



Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	52,55	90	22	4,90	6,0
M10,00 x 1,50	62,75	100	24	5,50	7,0

Ø x P mm	€	L mm	I mm	mm	d mm
M12,00 x 1,75	77,30	110	29	7,00	9,0
M14,00 x 2,00	96,65	110	30	9,00	11,0
M16,00 x 2,00	108,35	110	32	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2244

HSSEX DIN371

ASP
2052

M
DIN 13

Form.
B
"Gun"



Tol.
6HX



Niquel

Nickel

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M5,00 x 0,80	28,55	70	28	4,90	6,0
M6,00 x 1,00	29,15	80	32	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	39,75	90	35	6,20	8,0
M10,00 x 1,50	47,50	100	39	8,00	10,0

2245

HSSEX DIN376

ASP
2052

M
DIN 13

Form.
B
"Gun"



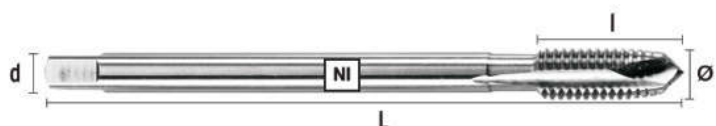
Tol.
6HX



Niquel

Nickel

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	45,75	90	35	4,90	6,0
M10,00 x 1,50	52,25	100	39	5,50	7,0

Ø x P mm	€	L mm	I mm	mm	d mm
M12,00 x 1,75	63,65	110	29	7,00	9,0
M14,00 x 2,00	80,95	110	30	9,00	11,0
M16,00 x 2,00	90,45	110	32	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2106

HSSE DIN 371

M
DIN 13

MF
DIN 13

Form.
C



Tol.
6H

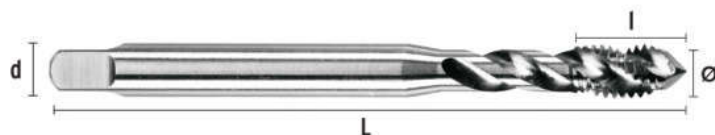


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M2,00 x 0,40	28,60	45	5	2,10	2,8
M2,50 x 0,45	28,60	50	5	2,10	2,8
M2,60 x 0,45	28,60	50	5	2,10	2,8
M3,00 x 0,50	12,14	56	6	2,70	3,5
M3,50 x 0,60	15,69	56	6	3,00	4,0
M4,00 x 0,70	12,14	63	7	3,40	4,5

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M4,50 x 0,75	21,65	70	7	4,90	6,0
M5,00 x 0,80	11,73	70	8	4,90	6,0
M6,00 x 1,00	12,85	80	10	4,90	6,0
M7,00 x 1,00	16,49	80	10	5,50	7,0
M8,00 x 1,25	15,33	90	14	6,20	8,0
M10,00 x 1,50	17,83	100	16	8,00	10,0

2105

HSSE DIN 376/374

M
DIN 13

MF
DIN 13

Form.
C



Tol.
6H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3,00 x 0,50	12,14	56	6	2,00	2,2
M4,00 x 0,70	12,14	63	7	2,10	2,8
M5,00 x 0,80	11,73	70	8	2,70	3,5
M6,00 x 1,00	12,85	80	10	3,40	4,5
M7,00 x 1,00	16,49	80	10	4,30	5,5
MF8,00 x 1,00	19,87	90	14	4,90	6,0
M8,00 x 1,25	15,33	90	14	4,90	6,0
MF9,00 x 1,00	25,60	90	14	5,50	7,0
M9,00 x 1,25	24,39	90	14	5,50	7,0
MF10,00 x 1,00	23,46	90	10	5,50	7,0
MF10,00 x 1,25	25,50	100	16	5,50	7,0
M10,00 x 1,50	17,83	100	16	5,50	7,0
MF11,00 x 1,00	74,68	90	11	6,20	8,0
MF11,00 x 1,25	66,61	100	16	6,20	8,0
M11,00 x 1,50	54,41	100	16	6,20	8,0
MF12,00 x 1,00	30,16	100	15	7,00	9,0
MF12,00 x 1,25	28,85	100	15	7,00	9,0
MF12,00 x 1,50	27,78	100	15	7,00	9,0
M12,00 x 1,75	23,81	110	18	7,00	9,0
MF14,00 x 1,00	48,70	100	15	9,00	11,0
MF14,00 x 1,25	41,59	100	15	9,00	11,0
MF14,00 x 1,50	31,32	100	15	9,00	11,0
M14,00 x 2,00	30,56	110	20	9,00	11,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
MF15,00 x 1,50	46,80	100	15	9,00	12,0
MF16,00 x 1,00	102,00	100	15	9,00	12,0
MF16,00 x 1,25	84,66	100	15	9,00	12,0
MF16,00 x 1,50	40,88	100	15	9,00	12,0
M16,00 x 2,00	36,91	110	20	9,00	12,0
MF18,00 x 1,50	51,74	110	22	11,00	14,0
MF18,00 x 2,00	97,50	125	25	11,00	14,0
M18,00 x 2,50	49,63	125	25	11,00	14,0
MF20,00 x 1,50	59,12	125	22	12,00	16,0
M20,00 x 2,50	52,87	140	25	12,00	16,0
MF22,00 x 1,50	63,81	125	22	14,50	18,0
M22,00 x 2,50	68,30	140	25	14,50	18,0
MF24,00 x 1,50	86,70	140	25	14,50	18,0
M24,00 x 3,00	83,39	160	30	14,50	18,0
MF26,00 x 1,50	93,62	140	25	14,50	18,0
MF27,00 x 1,50	107,00	140	25	16,00	20,0
M27,00 x 3,00	102,13	160	30	16,00	20,0
MF28,00 x 1,50	107,00	140	25	16,00	20,0
MF30,00 x 1,50	133,31	150	25	18,00	22,0
MF30,00 x 2,00	281,66	150	25	18,00	22,0
M30,00 x 3,50	130,87	180	35	18,00	22,0
M33,00 x 3,50	157,24	180	35	20,00	25,0
M36,00 x 4,00	212,18	200	40	22,00	28,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2112 HSSE DIN 371



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	∠ mm	d mm
M3 x 0,50	28,01	100	6	2,70	3,5
M4 x 0,70	28,01	100	7	3,40	4,5
M5 x 0,80	32,30	120	8	4,90	6,0
M6 x 1,00	32,30	120	10	4,90	6,0

Ø x P mm	€	L mm	l mm	∠ mm	d mm
M8 x 1,25	40,89	150	14	6,20	8,0
M10 x 1,50	49,46	150	16	8,00	10,0
M12 x 1,75	51,48	150	18	9,00	12,0

2166 HSSE DIN 371

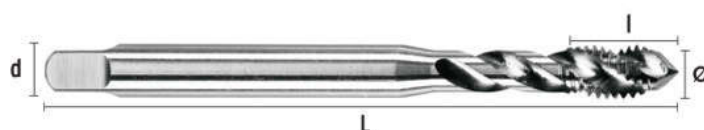


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	∠ mm	d mm
M3 x 0,50	20,52	56	6	2,70	3,5
M4 x 0,70	20,52	63	7	3,40	4,5
M5 x 0,80	19,81	70	8	4,90	6,0

Ø x P mm	€	L mm	l mm	∠ mm	d mm
M6 x 1,00	21,72	80	10	4,90	6,0
M8 x 1,25	25,92	90	14	6,20	8,0
M10 x 1,50	30,74	110	16	8,00	10,0

2165 HSSE DIN 376

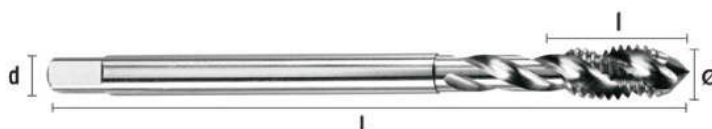


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	∠ mm	d mm
M8 x 1,25	25,92	90	14	4,90	6,0
M10 x 1,50	30,74	100	16	5,50	7,0
M12 x 1,75	34,50	110	18	7,00	9,0

Ø x P mm	€	L mm	l mm	∠ mm	d mm
M14 x 2,00	49,40	110	20	9,00	11,0
M16 x 2,00	59,65	110	20	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2170

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6G



R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3 x 0,50	17,85	56	5	2,70	3,5
M4 x 0,70	17,85	63	7	3,40	4,5
M5 x 0,80	17,21	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M6 x 1,00	18,88	80	10	4,90	6,0
M8 x 1,25	22,53	90	14	6,20	8,0
M10 x 1,50	26,71	100	16	8,00	10,0

2208

HSSE DIN 376

M
DIN 13

Form.
C



Tol.
6G



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M8 x 1,25	22,53	90	13	4,90	6,0
M10 x 1,50	26,71	100	16	5,50	7,0
M12 x 1,75	35,65	110	18	7,00	9,0
M14 x 2,00	41,17	110	20	9,00	11,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M16 x 2,00	49,72	110	20	9,00	12,0
M18 x 2,50	67,73	125	25	11,00	14,0
M20 x 2,50	71,26	140	25	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2108

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6H



R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M2,00 x 0,40	16,08	45	8	2,10	2,8
M3,00 x 0,50	13,49	56	11	2,70	3,5
M4,00 x 0,70	12,94	63	13	3,40	4,5
M5,00 x 0,80	12,48	70	14	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6,00 x 1,00	13,68	80	19	4,90	6,0
M7,00 x 1,00	16,59	80	19	5,50	7,0
M8,00 x 1,25	16,34	90	22	6,20	8,0
M10,00 x 1,50	19,36	100	24	8,00	10,0

2107

HSSE DIN 376/374

M
DIN 13

MF
DIN 13

Form.
C



Tol.
6H



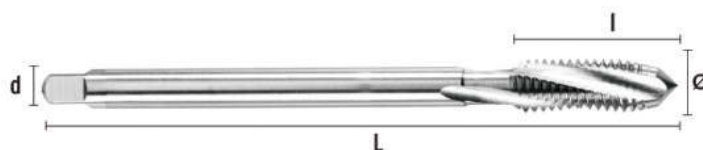
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M4,00 x 0,70	12,83	63	13	2,10	2,8
M5,00 x 0,80	12,39	70	16	2,70	3,5
M6,00 x 1,00	13,68	80	19	3,40	4,5
M7,00 x 1,00	16,59	80	19	4,30	5,5
M8,00 x 1,25	16,34	90	22	4,90	6,0
M10,00 x 1,50	19,36	100	24	5,50	7,0
M12,00 x 1,75	25,86	110	29	7,00	9,0
M14,00 x 2,00	30,74	110	30	9,00	11,0

Ø x P mm	€	L mm	I mm	mm	d mm
M16,00 x 2,00	37,14	110	30	9,00	12,0
M18,00 x 2,50	49,97	125	34	11,00	14,0
M20,00 x 2,50	53,24	140	34	12,00	16,0
M22,00 x 2,50	65,65	140	34	14,50	18,0
M24,00 x 3,00	79,77	160	38	14,50	18,0
M27,00 x 3,00	98,18	160	38	16,00	20,0
M30,00 x 3,50	125,79	180	45	18,00	22,0
M36,00 x 4,00	202,85	200	56	22,00	28,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2118

HSSE DIN 371

M
DIN 13

Form.
C

Tol.
6H

35°

R

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

800 N/mm² F AL CU PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	16,27	56	6	2,70	3,5
M4 x 0,70	17,02	63	7	3,40	4,5
M5 x 0,80	16,61	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	17,73	80	10	4,90	6,0
M8 x 1,25	21,61	90	14	6,20	8,0
M10 x 1,50	27,13	100	16	8,00	10,0

2117

HSSE DIN 376

M
DIN 13

Form.
C

Tol.
6H

35°

D

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

800 N/mm² F AL CU PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M10 x 1,50	27,13	100	16	5,50	7,0
M12 x 1,75	34,06	110	18	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
M14 x 2,00	42,19	110	20	9,00	11,0
M16 x 2,00	49,69	110	20	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2124

HSSEX DIN 371

ASP
2030

M
DIN 13

Form.
C



Tol.
6H

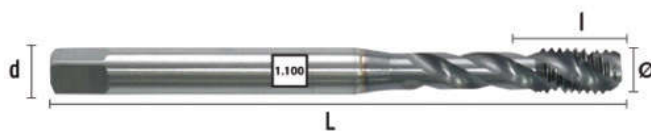


Aceros 800 - 1100 N/mm²

Aciers / Steel

TI F

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M3 x 0,50	23,55	56	5	2,70	3,5
M4 x 0,70	23,92	63	7	3,40	4,5
M5 x 0,80	25,82	70	8	4,90	6,0

Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	26,60	80	10	4,90	6,0
M8 x 1,25	34,28	90	13	6,20	8,0
M10 x 1,50	41,55	100	15	8,00	10,0

2123

HSSEX DIN 376

ASP
2030

M
DIN 13

Form.
C



Tol.
6H



Aceros 800 - 1100 N/mm²

Aciers / Steel

TI F

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M8 x 1,25	35,56	90	13	4,90	6,0
M10 x 1,50	42,42	100	15	5,50	7,0
M12 x 1,75	63,77	110	18	7,00	9,0
M14 x 2,00	76,85	110	20	9,00	11,0

Ø x P mm	€	L mm	l mm	mm	d mm
M16 x 2,00	83,24	110	20	9,00	12,0
M18 x 2,50	105,84	125	25	11,00	14,0
M20 x 2,50	113,36	140	25	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2178 HSSEX DIN 371

ASP
2052

M
DIN 13

Form.
C



Tol.
6HX



Aceros 1100 - 1400 N/mm²

Aciers / Steel

TI 1100 INOX F PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	26,34	56	11	2,70	3,5
M4 x 0,70	26,34	63	13	3,40	4,5
M5 x 0,80	27,99	70	15	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	29,95	80	17	4,90	6,0
M8 x 1,25	34,28	90	20	6,20	8,0
M10 x 1,50	44,85	100	20	8,00	10,0

2177 HSSEX DIN 376

ASP
2052

M
DIN 13

Form.
C



Tol.
6HX

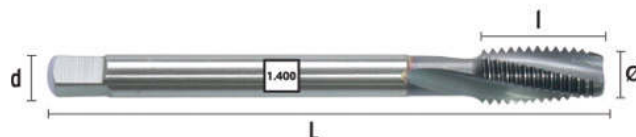


Aceros 1100 - 1400 N/mm²

Aciers / Steel

TI 1100 INOX F PL

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M8 x 1,25	37,63	90	22	4,90	6,0
M10 x 1,50	49,33	100	24	5,50	7,0
M12 x 1,75	62,58	110	29	7,00	9,0
M14 x 2,00	86,75	110	30	9,00	11,0

Ø x P mm	€	L mm	I mm	mm	d mm
M16 x 2,00	89,94	110	32	9,00	12,0
M18 x 2,50	122,62	125	34	11,00	14,0
M20 x 2,50	137,27	140	34	12,00	16,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2120

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6H



VAP

Aceros inox

Aciers inox / Stainless steel

800 1100 TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M3 x 0,50	16,79	56	6	2,70	3,5
M4 x 0,70	16,79	63	7	3,40	4,5
M5 x 0,80	16,79	70	8	4,90	6,0

Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	17,92	80	10	4,90	6,0
M8 x 1,25	21,05	90	14	6,20	8,0
M10 x 1,50	25,69	100	16	8,00	10,0

2119

HSSE DIN 376

M
DIN 13

Form.
C



Tol.
6H



VAP

Aceros inox

Aciers inox / Stainless steel

800 1100 TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	mm	d mm
M6 x 1,00	17,92	80	10	3,40	4,5
M8 x 1,25	21,05	90	14	4,90	6,0
M10 x 1,50	25,69	100	16	5,50	7,0
M12 x 1,75	34,74	110	18	7,00	9,0
M14 x 2,00	43,19	110	20	9,00	11,0

Ø x P mm	€	L mm	l mm	mm	d mm
M16 x 2,00	52,19	110	20	9,00	12,0
M18 x 2,50	70,14	125	25	11,00	14,0
M20 x 2,50	74,75	140	25	12,00	16,0
M22 x 2,50	79,66	140	25	14,50	18,0
M24 x 3,00	84,44	160	30	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2221

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6H

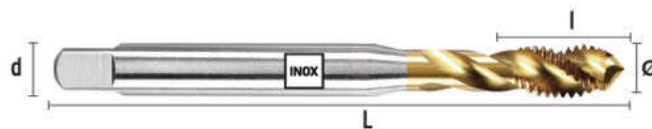


Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	∠ mm	d mm
M3 x 0,50	20,45	56	6	2,70	3,5
M4 x 0,70	21,16	63	7	3,40	4,5
M5 x 0,80	21,16	70	8	4,90	6,0

Ø x P mm	€	L mm	l mm	∠ mm	d mm
M6 x 1,00	22,29	80	10	4,90	6,0
M8 x 1,25	26,37	90	14	6,20	8,0
M10 x 1,50	33,39	100	16	8,00	10,0

2222

HSSE DIN 376

M
DIN 13

Form.
C



Tol.
6H

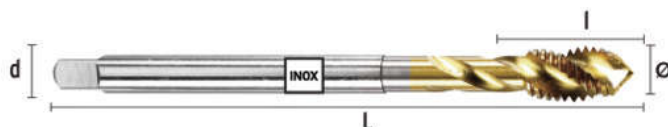


Aceros inox

Aciers inox / Stainless steel

800
N/mm² 1100
N/mm² TI

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	∠ mm	d mm
M6 x 1,00	22,34	80	10	3,40	4,5
M8 x 1,25	26,38	90	14	4,90	6,0
M10 x 1,50	33,40	100	16	5,50	7,0
M12 x 1,75	41,43	110	18	7,00	9,0
M14 x 2,00	50,11	110	20	9,00	11,0

Ø x P mm	€	L mm	l mm	∠ mm	d mm
M16 x 2,00	58,40	110	20	9,00	12,0
M18 x 2,50	76,25	125	25	11,00	14,0
M20 x 2,50	88,32	140	25	12,00	16,0
M22 x 2,50	93,23	140	25	14,50	18,0
M24 x 3,00	98,01	160	30	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2182

HSSE DIN 371

M
DIN 13

Form.
C



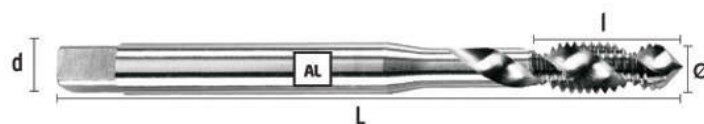
Tol.
6H



Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	Ø mm	d mm
M3 x 0,50	15,05	56	11	2,70	3,5
M4 x 0,70	15,05	63	13	3,40	4,5
M5 x 0,80	15,35	70	16	4,90	6,0

Ø x P mm	€	L mm	l mm	Ø mm	d mm
M6 x 1,00	16,66	80	19	4,90	6,0
M8 x 1,25	19,89	90	22	6,20	8,0
M10 x 1,50	23,49	100	24	8,00	10,0

2181

HSSE DIN 376

M
DIN 13

Form.
C



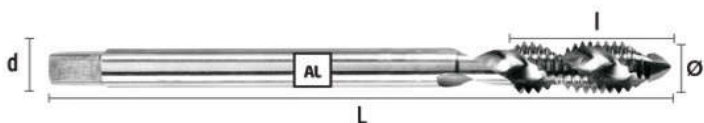
Tol.
6H



Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	Ø mm	d mm
M6 x 1,00	16,66	80	19	3,40	4,5
M8 x 1,25	19,89	90	22	4,90	6,0
M10 x 1,50	23,49	100	24	5,50	7,0

Ø x P mm	€	L mm	l mm	Ø mm	d mm
M12 x 1,75	27,93	110	29	7,00	9,0
M14 x 2,00	40,83	110	30	9,00	11,0
M16 x 2,00	55,06	110	30	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2186

HSSE DIN 371

M
DIN 13

Form.
C



Tol.
6H



CrN

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	21,96	56	11	2,70	3,5
M4 x 0,70	22,81	63	13	3,40	4,5
M5 x 0,80	23,43	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	24,72	80	19	4,90	6,0
M8 x 1,25	29,12	90	22	6,20	8,0
M10 x 1,50	33,52	100	24	8,00	10,0

2185

HSSE DIN 376

M
DIN 13

Form.
C



Tol.
6H

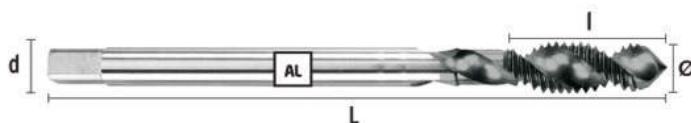


CrN

Aluminio

Aluminium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	24,72	80	19	3,40	4,5
M8 x 1,25	29,12	90	22	4,90	6,0
M10 x 1,50	33,52	100	24	5,50	7,0

Ø x P mm	€	L mm	I mm	mm	d mm
M12 x 1,75	38,80	110	29	7	9,0
M14 x 2,00	53,10	110	30	9	11,0
M16 x 2,00	69,28	110	30	9	12,0

MACHOS DE MÁQUINA

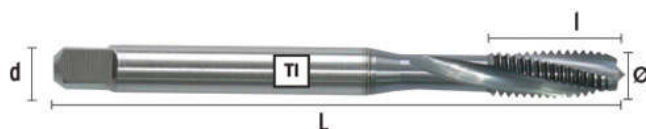
TARAUDS MACHINE / MACHINE TAPS

2232
HSSEX DIN371

ASP 2052
M DIN 13
Form. C
Tol. 6HX
15°
R
TICN

Titanio
Titanium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M5,00 x 0,80	36,15	70	14	4,90	6,0
M6,00 x 1,00	38,30	80	18	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	47,95	90	20	6,20	8,0
M10,00 x 1,50	57,15	100	20	8,00	10,0

2233
HSSEX DIN376

ASP 2052
M DIN 13
Form. C
Tol. 6HX
15°
D
TICN

Titanio
Titanium

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	61,80	90	22	4,90	6,0
M10,00 x 1,50	73,75	100	24	5,50	7,0
M12,00 x 1,75	89,30	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
M14,00 x 2,00	111,65	110	30	9,00	11,0
M16,00 x 2,00	125,25	110	32	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2246

HSSEX DIN371

ASP
2052

M
DIN 13

Form.
C



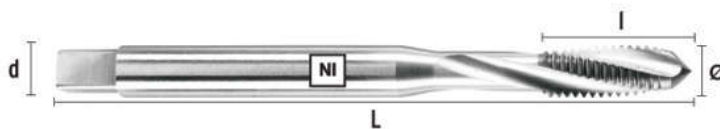
Tol.
6HX



Niquel

Nickel

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M5,00 x 0,80	33,00	70	28	4,90	6,0
M6,00 x 1,00	33,65	80	32	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	45,90	90	35	6,20	8,0
M10,00 x 1,50	54,85	100	39	8,00	10,0

2247

HSSEX DIN376

ASP
2052

M
DIN 13

Form.
C



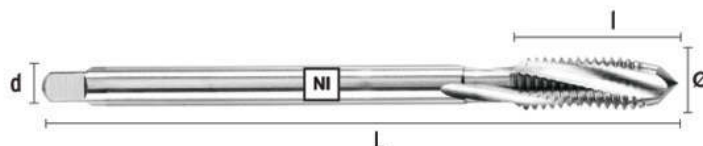
Tol.
6HX



Niquel

Nickel

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
M8,00 x 1,25	53,00	90	35	4,90	6,0
M10,00 x 1,50	60,35	100	39	5,50	7,0
M12,00 x 1,75	73,50	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
M14,00 x 2,00	93,50	110	30	9,00	11,0
M16,00 x 2,00	104,50	110	32	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2188

HSSEX DIN 371

ASP
2030

M
DIN 13

Form.
C



Tol.
6HX

R

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	24,49	56	10	2,70	3,5
M4 x 0,70	24,49	63	7	3,40	4,5
M5 x 0,80	27,50	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	29,99	80	10	4,90	6,0
M8 x 1,25	40,38	90	13	6,20	8,0
M10 x 1,50	49,11	100	15	8,00	10,0

2187

HSSEX DIN 376

ASP
2030

M
DIN 13

Form.
C



Tol.
6HX

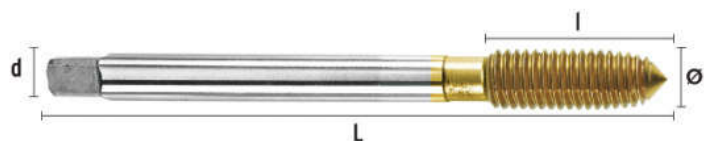
D

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M12 x 1,75	61,05	110	18	7,00	9,0
M14 x 2,00	84,13	110	26	9,00	11,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M16 x 2,00	102,24	110	27	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2214

HSSEX DIN 371

ASP
2030

M
DIN 13

Form.
C



Tol.
6HX



Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M3 x 0,50	25,69	56	10	2,70	3,5
M4 x 0,70	25,69	63	7	3,40	4,5
M5 x 0,80	28,78	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M6 x 1,00	31,26	80	10	4,90	6,0
M8 x 1,25	41,93	90	13	6,20	8,0
M10 x 1,50	50,85	100	15	8,00	10,0

2213

HSSEX DIN 376

ASP
2030

M
DIN 13

Form.
C



Tol.
6HX



Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
M12 x 1,75	65,27	110	18	7,00	9,0
M14 x 2,00	91,83	110	26	9,00	11,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
M16 x 2,00	109,95	110	27	9,00	12,0



MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2216

HSSEX DIN 371

ASP
2030

M
DIN 13

Form.
C



Tol.
6GX

R

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M3 x 0,50	24,49	56	10	2,70	3,5
M4 x 0,70	24,49	63	7	3,40	4,5
M5 x 0,80	27,50	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
M6 x 1,00	29,99	80	10	4,90	6,0
M8 x 1,25	40,38	90	13	6,20	8,0
M10 x 1,50	49,11	100	15	8,00	10,0

2215

HSSEX DIN 376

ASP
2030

M
DIN 13

Form.
C



Tol.
6GX

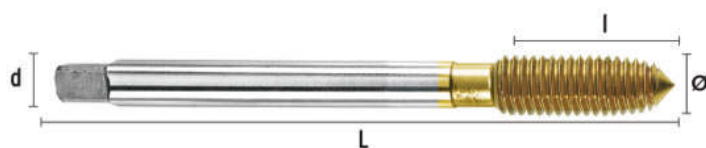
D

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
M12 x 1,75	61,05	110	18	7,00	9,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2218

HSSEX DIN 371

ASP 2030

M DIN 13

Form. C





Tol. 6GX

R

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications

Ø x P mm	€	L mm	I mm	mm	d mm
M3 x 0,50	25,69	56	10	2,70	3,5
M4 x 0,70	25,69	63	7	3,40	4,5
M5 x 0,80	28,78	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
M6 x 1,00	31,26	80	10	4,90	6,0
M8 x 1,25	41,93	90	13	6,20	8,0
M10 x 1,50	50,85	100	15	8,00	10,0

2217

HSSEX DIN 376

ASP 2030

M DIN 13

Form. C





Tol. 6GX

D

TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel inox

Aplicaciones / Applications

Ø x P mm	€	L mm	I mm	mm	d mm
M12 x 1,75	65,27	110	18	7,00	9,0


repuc
RF

209

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2199

HSSE DIN 357

M
DIN 13

Form.
A



Tol.
6H



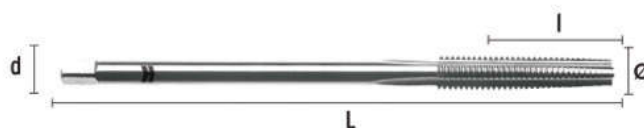
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	z	d mm
M3 x 0,50	22,44	70	22	-	3	2,2
M4 x 0,70	22,44	90	25	2,10	3	2,8
M5 x 0,80	23,08	100	28	2,70	3	3,5
M6 x 1,00	21,40	110	32	3,40	3	4,5
M8 x 1,25	25,00	125	40	4,90	3	6,0
M10 x 1,50	38,46	140	45	5,50	3	7,0
M12 x 1,75	46,14	180	50	7,00	3	9,0

Ø x P	€	L mm	l mm	mm	z	d mm
M14 x 2,00	51,26	200	56	9,00	3	11,0
M16 x 2,00	62,81	200	63	9,00	3	12,0
M18 x 2,50	76,90	220	63	11,00	4	14,0
M20 x 2,50	89,07	250	70	12,00	4	16,0
M22 x 2,50	114,06	280	80	14,50	4	18,0
M24 x 3,00	134,55	280	80	14,50	4	18,0

2134

HSSE

M
DIN 13

Form.
A



Tol.
6H



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	d mm
M3 x 0,50	42,71	280	12	2,5
M4 x 0,70	42,71	280	17	3,0
M5 x 0,80	42,71	280	20	3,8
M6 x 1,00	42,71	280	25	4,5
M8 x 1,25	49,86	280	31	6,1
M10 x 1,50	54,25	280	37	7,8
M12 x 1,75	97,00	420	43	9,4

Ø x P mm	€	L mm	l mm	d mm
M14 x 2,00	95,71	420	50	11,0
M16 x 2,00	146,43	420	50	12,9
M18 x 2,50	175,54	530	62	14,2
M20 x 2,50	232,68	530	63	16,1
M22 x 2,50	268,18	530	62	18,0
M24 x 3,00	375,57	530	75	19,2

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2806

HSSE DIN 13

M
DIN 13

Tol.
6H

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	l mm	l2 mm	mm	d mm
M3 x 0,50	30,41	56	16	11	2,40	3,0
M4 x 0,70	30,41	63	18	14	3,00	4,0
M5 x 0,80	30,41	71	20	18	3,80	5,0
M6 x 1,00	33,61	80	22	22	4,90	6,0

Ø x P mm	€	L mm	l mm	l2 mm	mm	d mm
M8 x 1,25	37,97	95	26	25	6,20	8,0
M10 x 1,50	41,78	106	30	31	8,00	10,0
M12 x 1,75	49,31	115	32	35	9,00	12,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2148 HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	Ø mm	d mm
Nº4 - 40h	20,31	56	11	2,70	3,5
Nº5 - 40h	20,31	56	11	2,70	3,5
Nº6 - 32h	19,33	56	11	3,00	4,0
Nº8 - 32h	19,33	63	13	3,40	4,5

Ø x P	€	L mm	I mm	Ø mm	d mm
Nº10 - 24h	20,31	70	16	4,90	6,0
Nº12 - 24h	21,30	80	19	4,90	6,0
1/4 - 20h	18,03	80	19	5,50	7,0
5/16 - 18h	19,17	90	22	6,20	8,0

2147 HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	Ø mm	d mm
1/4 - 20h	18,03	80	19	3,40	4,5
5/16 - 18h	20,40	90	22	4,90	6,0
3/8 - 16h	23,28	100	24	5,50	7,0
7/16 - 14h	32,00	100	24	6,20	8,0
1/2 - 13h	35,11	110	29	7,00	9,0
9/16 - 12h	47,82	110	30	9,00	11,0
5/8 - 11h	46,45	110	30	9,00	12,0

Ø x P	€	L mm	I mm	Ø mm	d mm
3/4 - 10h	61,38	125	35	11,00	14,0
7/8 - 9h	80,87	140	36	14,50	18,0
1" - 8h	106,19	160	38	14,50	18,0
1 1/8 - 7h	134,09	180	45	18,00	22,0
1 1/4 - 7h	164,41	180	45	18,00	22,0
1 1/2 - 6h	277,22	200	55	24,00	32,0

2147/5 HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
1/4 - 20h	36,05	80	19	3,40	4,5
5/16 - 18h	40,80	90	22	4,90	6,0
3/8 - 16h	46,57	100	24	5,50	7,0
7/16 - 14h	64,01	100	24	6,20	8,0
1/2 - 13h	70,22	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
9/16 - 12h	95,64	110	30	9,00	11,0
5/8 - 11h	92,89	110	30	9,00	12,0
3/4 - 10h	122,76	125	35	11,00	14,0
7/8 - 9h	161,74	140	36	14,50	18,0
1" - 8h	212,37	160	38	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2150 HSSE DIN 371



Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
Nº4 - 40h	24,37	56	11	2,70	3,5
Nº5 - 40h	24,37	56	11	2,70	3,5
Nº6 - 32h	23,22	56	11	3,00	4,0
Nº8 - 32h	23,22	63	13	3,40	4,5

Ø x P	€	L mm	l mm	mm	d mm
Nº10 - 24h	24,37	70	16	4,90	6,0
Nº12 - 24h	25,55	80	19	4,90	6,0
1/4 - 20h	19,68	80	19	5,50	7,0
5/16 - 18h	22,46	90	22	6,20	8,0

2149 HSSE DIN 376



Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
1/4 - 20h	19,68	80	19	3,40	4,5
5/16 - 18h	22,49	90	22	4,90	6,0
3/8 - 16h	35,12	100	24	5,50	7,0
7/16 - 14h	35,12	100	24	6,20	8,0
1/2 - 13h	38,50	110	29	7,00	9,0
9/16 - 12h	51,10	110	30	9,00	11,0

Ø x P	€	L mm	l mm	mm	d mm
5/8 - 11h	51,10	110	30	9,00	12,0
3/4 - 10h	67,59	125	35	11,00	14,0
7/8 - 9h	88,86	140	36	14,50	18,0
1" - 8h	116,63	160	38	14,50	18,0
1 1/8 - 7h	148,22	180	45	18,00	22,0
1 1/4 - 7h	181,74	180	45	18,00	22,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2234

HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B



TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

F 800
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
Nº 5-40 h	28,50	56	11	2,70	3,5
Nº 8-32 h	28,10	63	13	3,00	4,0
Nº 10-24 h	29,25	70	16	4,90	6,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
1/4-20 h	24,56	80	19	5,50	7,0
5/16-18 h	28,74	90	22	6,20	8,0

2235

HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B



TIN

Aceros 800 - 1100 N/mm²

Aciers / Steel

F 800
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
1/4-20 h	24,56	80	19	3,40	4,5
5/16-18 h	27,87	90	22	4,90	6,0
3/8-16 h	44,42	100	24	5,50	7,0
1/2-13 h	50,13	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
9/16-12 h	62,73	110	30	9,00	11,0
5/8-11 h	63,88	110	30	9,00	12,0
3/4-10 h	87,59	125	35	11,00	14,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2238

HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B



Aceros Inoxidables

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
Nº 5-40 h	30,46	56	11	2,70	3,5
Nº 8-32 h	29,03	63	13	3,00	4,0
Nº 10-24 h	30,46	70	14	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
1/4-20 h	24,60	80	19	5,50	7,0
5/16-18 h	28,08	90	22	6,20	8,0

2239

HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B

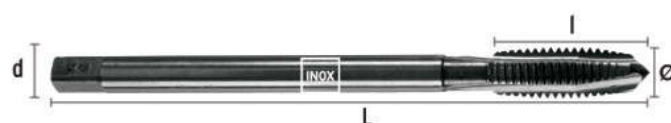


Aceros Inoxidables

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
1/4-20 h	24,60	80	19	3,40	4,5
5/16-18 h	28,11	90	22	4,90	6,0
3/8-16 h	43,90	100	24	5,50	7,0
1/2-13 h	48,13	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
9/16-12 h	63,88	110	30	9,00	11,0
5/8-11 h	63,88	110	30	9,00	12,0
3/4-10 h	84,49	125	35	11,00	14,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2152

HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
Nº4 - 40h	27,77	56	6	2,70	3,5
Nº5 - 40h	27,77	56	6	2,70	3,5
Nº6 - 32h	26,48	56	6	3,00	4,0
Nº8 - 32h	26,48	63	7	3,40	4,5

Ø x P	€	L mm	l mm	mm	d mm
Nº10 - 24h	27,77	70	8	4,90	6,0
Nº12 - 24h	26,72	80	10	4,90	6,0
1/4 - 20h	21,38	80	10	5,50	7,0
5/16 - 18h	30,20	90	14	6,20	8,0

2151

HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
1/4 - 20h	26,72	80	10	3,40	4,5
5/16 - 18h	30,22	90	14	4,90	6,0
3/8 - 16h	33,80	100	16	5,50	7,0
7/16 - 14h	41,21	100	16	6,20	8,0
1/2 - 13h	45,09	110	18	7,00	9,0
9/16 - 12h	61,19	110	20	9,00	11,0

Ø x P	€	L mm	l mm	mm	d mm
5/8 - 11h	59,52	110	20	9,00	12,0
3/4 - 10h	78,82	125	25	11,00	14,0
7/8 - 9h	123,34	140	28	14,50	18,0
1" - 8h	154,75	160	32	14,50	18,0
1 1/8 - 7h	214,68	180	35	18,00	22,0
1 1/4 - 7h	169,42	180	35	18,00	22,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2236

HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



R



Aceros 800 - 1100 N/mm²

Aciers / Steel

F 800
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
Nº 5-40 h	31,90	56	6	2,70	3,5
Nº 8-32 h	31,36	63	7	3,00	4,5
Nº 10-24 h	32,65	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	mm	d mm
1/4-20 h	26,26	80	10	5,50	7,0
5/16-18 h	36,48	90	14	6,20	8,0

2237

HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



D

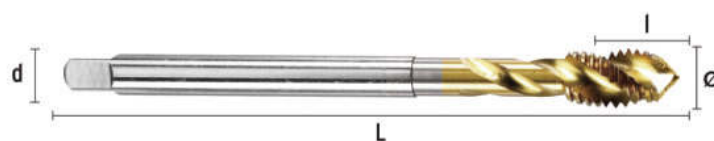


Aceros 800 - 1100 N/mm²

Aciers / Steel

F 800
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
1/4-20 h	31,60	80	10	3,40	4,5
5/16-18 h	35,60	90	14	4,90	6,0
3/8-16 h	43,10	100	16	5,50	7,0
1/2-13 h	56,72	110	18	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
9/16-12 h	72,82	110	20	9,00	11,0
5/8-11 h	72,30	110	20	9,00	12,0
3/4-10 h	98,82	125	25	11,00	14,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2240

HSSE DIN 371

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros Inoxidables

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
Nº 5-40 h	34,71	56	6	2,70	3,5
Nº 8-32 h	33,10	63	7	3,00	4,5
Nº 10-24 h	34,71	70	8	4,90	6,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
1/4-20 h	26,73	80	10	5,50	7,0
5/16-18 h	37,75	90	14	6,20	8,0

2241

HSSE DIN 376

UNC
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros Inoxidables

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	∠ mm	d mm
1/4-20 h	33,40	80	10	3,40	4,5
5/16-18 h	37,78	90	14	4,90	6,0
3/8-16 h	42,25	100	16	5,50	7,0
1/2-13 h	56,36	110	18	7,00	9,0

Ø x P mm	€	L mm	I mm	∠ mm	d mm
9/16-12 h	76,49	110	20	9,00	11,0
5/8-11 h	74,40	110	20	9,00	12,0
3/4-10 h	98,53	125	25	11,00	14,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2154

HSSE DIN 371

UNF
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
Nº4 - 48h	22,25	56	11	2,70	3,5
Nº5 - 44h	22,25	56	11	2,70	3,5
Nº6 - 40h	21,32	56	11	3,00	4,0
Nº8 - 36h	21,32	63	13	3,40	4,5

Ø x P	€	L mm	I mm	mm	d mm
Nº10 - 32h	21,32	70	16	4,90	6,0
Nº12 - 28h	22,25	80	19	4,90	6,0
1/4 - 28h	17,12	80	19	5,50	7,0
5/16 - 24h	19,68	90	22	6,20	8,0

2153

HSSE DIN 374

UNF
ANSI/ASME
B1.1

Form.
C



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
1/4 - 28h	17,12	80	19	3,40	4,5
5/16 - 24h	19,68	90	22	4,90	6,0
3/8 - 24h	22,71	90	20	5,50	7,0
7/16 - 20h	29,10	90	22	6,20	8,0
1/2 - 20h	30,98	100	22	7,00	9,0
9/16 - 18h	38,04	100	22	9,00	11,0
5/8 - 18h	42,84	100	22	9,00	12,0

Ø x P	€	L mm	I mm	mm	d mm
3/4 - 16h	54,81	110	25	11,00	14,0
7/8 - 14h	68,95	125	25	14,50	18,0
1" - 12h	90,38	140	28	14,50	18,0
1 1/8 - 12h	135,73	150	28	18,00	22,0
1 1/4 - 12h	171,55	150	28	18,00	22,0
1 1/2 - 12h	287,89	170	30	24,00	32,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2153/5

HSSE DIN 374

UNF
ANSI/ASME
B1.1

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
1/4 - 28h	34,22	80	19	3,40	4,5
5/16 - 24h	39,35	90	22	4,90	6,0
3/8 - 24h	45,43	90	20	5,50	7,0
7/16 - 20h	58,19	90	22	6,20	8,0
1/2 - 20h	61,95	100	22	7,00	9,0

Ø x P mm	€	L mm	I mm	mm	d mm
9/16 - 18h	76,08	100	22	9,00	11,0
5/8 - 18h	85,68	100	22	9,00	12,0
3/4 - 16h	109,62	110	25	11,00	14,0
7/8 - 14h	137,90	125	25	14,50	18,0
1" - 12h	180,77	140	28	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2156 HSSE DIN 371

UNF
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	Ø mm	d mm
Nº4 - 48h	21,84	56	11	2,70	3,5
Nº5 - 44h	21,84	56	11	2,70	3,5
Nº6 - 40h	25,52	56	12	3,00	4,0
Nº8 - 36h	25,52	63	13	3,40	4,5

Ø x P	€	L mm	l mm	Ø mm	d mm
Nº10 - 32h	25,52	70	16	4,90	6,0
Nº12 - 28h	26,72	80	19	4,90	6,0
1/4 - 28h	18,84	80	19	5,50	7,0
5/16 - 24h	21,64	90	22	6,20	8,0

2155 HSSE DIN 374

UNF
ANSI/ASME
B1.1

Form.
B
"Gun"



Tol.
2B



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	l mm	Ø mm	d mm
1/4 - 28h	18,83	80	19	3,40	4,5
5/16 - 24h	21,67	90	22	4,90	6,0
3/8 - 24h	24,95	90	20	5,50	7,0
7/16 - 20h	32,00	90	22	6,20	8,0
1/2 - 20h	34,09	100	22	7,00	9,0

Ø x P	€	L mm	l mm	Ø mm	d mm
9/16 - 18h	41,83	100	22	9,00	11,0
5/8 - 18h	47,08	100	22	9,00	12,0
3/4 - 16h	60,32	110	25	11,00	14,0
7/8 - 14h	75,83	125	25	14,50	18,0
1" - 12h	99,39	140	28	14,50	18,0



MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2158

HSSE DIN 371

UNF
ANSI/ASME
B1.1

Form.
C



Tol.
2B



R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
Nº4 - 48h	30,43	56	6	2,70	3,5
Nº5 - 44h	30,43	56	6	2,70	3,5
Nº6 - 40h	21,27	56	6	3,00	4,0
Nº8 - 36h	21,27	63	7	3,40	4,5

Ø x P	€	L mm	l mm	mm	d mm
Nº10 - 32h	21,27	70	8	4,90	6,0
Nº12 - 28h	30,43	80	10	4,90	6,0
1/4 - 28h	21,38	80	10	5,50	7,0
5/16 - 24h	24,65	90	14	6,20	8,0

2157

HSSE DIN 374

UNF
ANSI/ASME
B1.1

Form.
C



Tol.
2B



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	l mm	mm	d mm
1/4 - 28h	21,36	80	12	3,40	4,5
5/16 - 24h	24,65	90	15	4,90	6,0
3/8 - 24h	28,37	90	18	5,50	7,0
7/16 - 20h	37,29	90	15	6,20	8,0
1/2 - 20h	39,68	100	18	7,00	9,0

Ø x P	€	L mm	l mm	mm	d mm
9/16 - 18h	49,14	100	15	9,00	11,0
5/8 - 18h	54,90	100	15	9,00	12,0
3/4 - 16h	68,51	110	17	11,00	14,0
7/8 - 14h	107,43	125	17	14,50	18,0
1" - 12h	132,24	140	20	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2189 HSSE DIN 376

UN
ANSI/ASME
B1.1

Form.
C



Tol.
2B

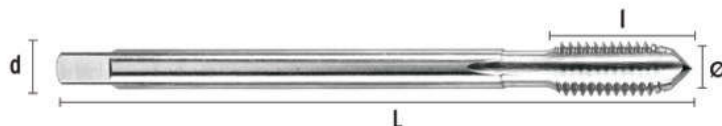
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Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
UN1"1/8 - 8h	354,77	180	45	18,00	22,0
UN1"1/4 - 8h	457,72	180	45	18,00	22,0
UN1"3/8 - 8h	381,29	200	56	22,00	28,0
UN1"1/2 - 8h	436,54	200	60	24,00	32,0

Ø x P	€	L mm	I mm	mm	d mm
UN1"5/8 - 8h	444,41	200	60	24,00	32,0
UN1"3/4 - 8h	557,11	200	50	29,00	36,0
UN2" - 8h	905,58	225	50	32,00	40,0

2143 HSSE DIN 374

UNS
ANSI/ASME
B1.1

Form.
C



Tol.
2B

D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
UNS 1" - 14h	90,27	140	28	14,50	18,0

2160 HSSE DIN 374

UNEF
ANSI/ASME
B1.1

Form.
C



Tol.
2B

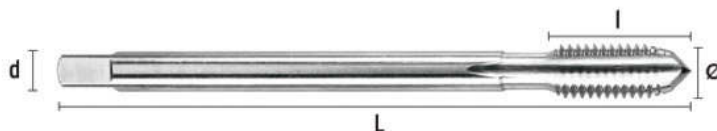
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
1/4 - 32h	73,00	80	19	3,40	4,5
5/16 - 32h	85,03	90	22	4,90	6,0
3/8 - 32h	97,47	90	20	5,50	7,0
7/16 - 28h	124,06	90	22	6,20	8,0
1/2 - 28h	132,74	100	22	7,00	9,0

Ø x P	€	L mm	I mm	mm	d mm
9/16 - 24h	159,45	100	22	9,00	11,0
5/8 - 24h	185,42	100	22	9,00	12,0
3/4 - 20h	245,72	110	25	11,00	14,0
1" - 20h	402,63	140	28	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2136

HSSE DIN 371

BSW
BS 84

Form.
C



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
W3/32 - 48h	17,16	50	9	2,10	2,8
W1/8 - 40h	14,33	56	11	2,70	3,5
W5/32 - 32h	14,33	63	13	3,40	4,5
W3/16 - 24h	14,33	70	16	4,90	6,0

Ø x P	€	L mm	I mm	mm	d mm
W7/32 - 24h	21,79	80	19	4,90	6,0
W1/4 - 20h	15,62	80	19	5,50	7,0
W5/16 - 18h	19,17	90	22	6,20	8,0
W3/8 - 16h	21,18	100	24	8,00	10,0

2135

HSSE DIN 376

BSW
BS 84

Form.
C

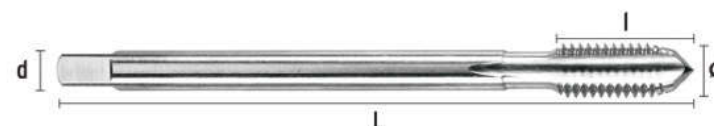


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
W1/8 - 40h	14,33	56	11	2,00	2,2
W5/32 - 32h	14,33	63	13	2,10	2,8
W3/16 - 24h	14,33	70	16	2,70	3,5
W7/32 - 24h	21,79	80	19	3,40	4,5
W1/4 - 20h	15,62	80	19	3,40	4,5
W5/16 - 18h	19,17	90	22	4,90	6,0
W3/8 - 16h	21,18	100	24	5,50	7,0
W7/16 - 14h	27,95	100	24	6,20	8,0
W1/2 - 12h	26,80	110	29	7,00	9,0
W9/16 - 12h	38,44	110	30	9,00	11,0
W5/8 - 11h	36,36	110	30	9,00	12,0
W3/4 - 10h	48,66	125	35	11,00	14,0

Ø x P	€	L mm	I mm	mm	d mm
W7/8 - 9h	65,90	140	36	14,50	18,0
W1" - 8h	82,88	160	38	14,50	18,0
W1"1/8 - 7h	109,94	180	45	18,00	22,0
W1"1/4 - 7h	159,57	180	45	18,00	22,0
W1"3/8 - 6h	262,34	200	55	22,00	28,0
W1"1/2 - 6h	284,78	200	55	24,00	32,0
W1"5/8 - 5h	415,53	220	60	24,00	32,0
W1"3/4 - 5h	448,29	220	62	29,00	36,0
W1"7/8 - 4,5h	496,98	250	70	29,00	36,0
W2" - 4,5h	641,57	250	70	32,00	40,0
W2"1/4 - 4h	699,23	280	78	35,00	45,0
W2"1/2 - 4h	807,70	315	90	39,00	50,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2136/5

HSSE DIN 371

BSW
BS 84

Form.
C



LH

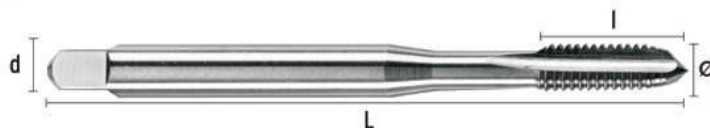
R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
W 1/8 - 40h	28,68	56	11	2,70	3,5
W 5/32 - 32h	28,68	63	13	3,40	4,5
W 3/16 - 24h	28,68	70	16	4,90	6,0

2135/5

HSSE DIN 376

BSW
BS 84

Form.
C



LH

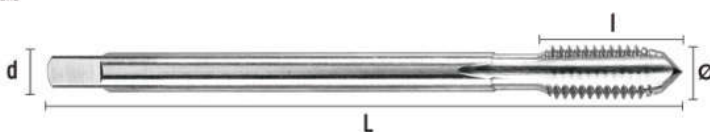
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	Ø mm	d mm
W1/4 - 20h	31,24	80	19	3,40	4,5
W5/16 - 18h	38,35	90	22	4,90	6,0
W3/8 - 16h	42,37	100	24	5,50	7,0
W7/16 - 14h	55,89	100	24	6,20	8,0
W1/2 - 12h	53,59	110	29	7,00	9,0

Ø x P mm	€	L mm	I mm	Ø mm	d mm
W9/16 - 12h	76,88	110	30	9,00	11,0
W5/8 - 11h	72,73	110	30	9,00	12,0
W3/4 - 10h	97,30	125	35	11,00	14,0
W7/8 - 9h	131,80	140	36	14,50	18,0
W1* - 8h	165,75	160	38	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2138

HSSE DIN 371

BSW
BS 84

Form.
B
"Gun"

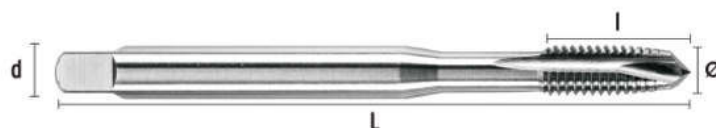


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	∅ mm	d mm
W1/8 - 40h	15,84	56	11	2,70	3,5
W5/32 - 32h	15,84	63	13	3,40	4,5
W3/16 - 24h	15,84	70	16	4,90	6,0

Ø x P	€	L mm	I mm	∅ mm	d mm
W1/4 - 20h	17,99	80	16	5,50	7,0
W5/16 - 18h	24,30	90	18	6,20	8,0

2137

HSSE DIN 376

BSW
BS 84

Form.
B
"Gun"



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	∅ mm	d mm
W 1/4 - 20h	17,99	80	19	3,40	4,5
W 5/16 - 18h	21,06	90	22	4,90	6,0
W 3/8 - 16h	23,28	100	24	5,50	7,0
W 7/16 - 14h	29,39	100	24	6,20	8,0
W 1/2 - 12h	30,77	110	29	7,00	9,0

Ø x P	€	L mm	I mm	∅ mm	d mm
W 9/16 - 12h	42,27	110	30	9,00	11,0
W 5/8 - 11h	39,94	110	30	9,00	12,0
W 3/4 - 10h	53,57	125	35	11,00	14,0
W 7/8 - 9h	72,46	140	36	14,50	18,0
W 1" - 8h	91,10	160	38	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2140

HSSE DIN 371

BSW
BS 84

Form.
C

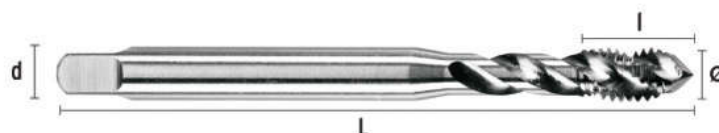


Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
W1/8 - 40h	17,99	56	6	2,70	3,5
W5/32 - 32h	17,99	63	7	3,40	4,5
W3/16 - 24h	17,99	70	8	4,90	6,0

Ø x P	€	L mm	I mm	mm	d mm
W1/4 - 20h	24,37	80	10	5,50	7,0
W5/16 - 18h	29,89	90	14	6,20	8,0

2139

HSSE DIN 376

BSW
BS 84

Form.
C



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
W 3/16 - 24h	17,99	70	8	2,70	3,5
W 1/4 - 20h	24,37	80	10	3,40	4,5
W 5/16 - 18h	28,57	90	14	4,90	6,0
W 3/8 - 16h	31,55	100	16	5,50	7,0
W 7/16 - 14h	35,84	100	16	6,20	8,0
W 1/2 - 12h	34,35	110	18	7,00	9,0

Ø x P	€	L mm	I mm	mm	d mm
W 9/16 - 12h	49,23	110	20	9,00	11,0
W 5/8 - 11h	46,58	110	20	9,00	12,0
W 3/4 - 10h	62,37	125	25	11,00	14,0
W 7/8 - 9h	84,42	140	28	14,50	18,0
W 1" - 8h	105,97	160	32	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2141

HSSE DIN 371

BSF
BS 84

Form.
C



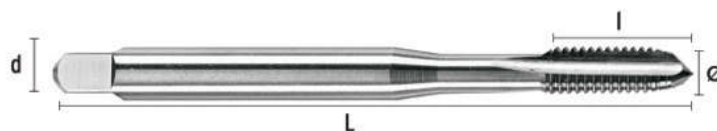
R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
BSF 3/16 - 32h	61,52	70	14	4,90	6,0
BSF 1/4 - 26h	26,19	80	19	5,50	7,0

Ø x P	€	L mm	I mm	mm	d mm
BSF 5/16 - 22h	31,11	90	22	6,20	8,0
BSF 3/8 - 20h	32,69	100	24	8,00	10,0

2142

HSSE DIN 374

BSF
BS 84

Form.
C



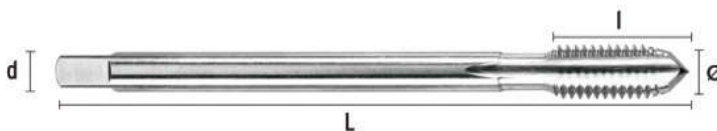
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
BSF 7/16 - 18h	44,11	90	22	6,20	8,0
BSF 1/2 - 16h	49,90	100	22	7,00	9,0
BSF 9/16 - 16h	52,82	100	22	9,00	11,0
BSF 5/8 - 14h	70,40	100	22	9,00	12,0

Ø x P	€	L mm	I mm	mm	d mm
BSF 3/4 - 12h	83,32	110	25	11,00	14,0
BSF 7/8 - 11h	115,85	125	25	14,50	18,0
BSF 1* - 10h	138,32	140	28	14,50	18,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2144 HSSE DIN 5156

G	Form.		D
ISO 228	C		

Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
G 1/8 - 28h	24,22	90	20	5,50	7,0
G 1/4 - 19h	34,52	100	22	9,00	11,0
G 3/8 - 19h	41,31	100	22	9,00	12,0
G 1/2 - 14h	52,21	125	25	12,00	16,0
G 5/8 - 14h	65,08	125	25	14,50	18,0
G 3/4 - 14h	81,74	140	28	16,00	20,0
G 7/8 - 14h	109,89	150	28	18,00	22,0

Ø x P	€	L mm	I mm	mm	d mm
G 1" - 11h	126,84	160	30	20,00	25,0
G 1 1/8 - 11h	192,77	170	30	22,00	28,0
G 1 1/4 - 11h	226,17	170	30	24,00	32,0
G 1 3/8 - 11h	282,89	180	32	29,00	36,0
G 1 1/2 - 11h	358,98	190	32	29,00	36,0
G 1 3/4 - 11h	426,67	190	32	32,00	40,0
G 2" - 11h	543,70	220	40	35,00	45,0

2144/5 HSSE DIN 5156

G	Form.		LH	D
ISO 228	C			

Aceros 400 - 800 N/mm²

Aciers / Steel F 1100 N/mm²

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
G1/8 - 28h	48,45	90	20	5,50	7,0
G1/4 - 19h	69,06	100	22	9,00	11,0
G3/8 - 19h	82,61	100	22	9,00	12,0
G1/2 - 14h	104,41	125	25	12,00	16,0

Ø x P mm	€	L mm	I mm	mm	d mm
G5/8 - 14h	130,16	125	25	14,50	18,0
G3/4 - 14h	163,49	140	28	16,00	20,0
G1" - 11h	253,68	160	30	20,00	25,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2192 HSSE DIN 5156

G
ISO 228

Form.
E



D

Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
G1/8 - 28h	29,37	90	20	5,50	7,0
G1/4 - 19h	45,10	100	22	9,00	11,0
G3/8 - 19h	62,29	100	22	9,00	12,0
G1/2 - 14h	84,05	125	25	12,00	16,0

Ø x P mm	€	L mm	I mm	mm	d mm
G5/8 - 14h	87,82	125	25	14,50	18,0
G3/4 - 14h	123,34	140	28	16,00	20,0
G7/8 - 14h	150,76	150	28	18,00	22,0
G1" - 11h	188,15	160	30	20,00	25,0

2206 HSSE DIN 5156

+0,1

G
ISO 228

Form.
E



D

Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P mm	€	L mm	I mm	mm	d mm
G 1/8 - 28h	35,81	90	20	5,50	7,0
G 1/4 - 19h	53,35	100	22	9,00	11,0
G 3/8 - 19h	74,75	100	22	9,00	12,0
G 1/2 - 14h	102,05	125	25	12,00	16,0

Ø x P mm	€	L mm	I mm	mm	d mm
G 5/8 - 14h	106,72	125	25	14,50	18,0
G 3/4 - 14h	148,02	140	28	16,00	20,0
G 7/8 - 14h	174,89	150	28	18,00	22,0
G 1" - 11h	218,25	160	30	20,00	25,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2145 HSSE DIN 5156

G
ISO 228

Form.
B
"Gun"



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
G 1/8 - 28h	28,43	90	20	5,50	7,0
G 1/4 - 19h	38,00	100	22	9,00	11,0
G 3/8 - 19h	45,45	100	22	9,00	12,0
G 1/2 - 14h	57,45	125	25	12,00	16,0
G 5/8 - 14h	71,61	125	25	14,50	18,0
G 3/4 - 14h	89,94	140	28	16,00	20,0

Ø x P	€	L mm	I mm	mm	d mm
G 7/8 - 14h	120,89	150	28	18,00	22,0
G 1" - 11h	137,04	160	30	20,00	25,0
G 1 1/8 - 11h	226,03	170	30	22,00	28,0
G 1 1/4 - 11h	255,87	170	30	24,00	32,0
G 1 1/2 - 11h	514,38	190	32	29,00	36,0
G 1 3/8 - 11h	321,45	180	32	29,00	36,0

2146 HSSE DIN 5156

G
ISO 228

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
G 1/8 - 28h	30,94	90	10	5,50	7,0
G 1/4 - 19h	44,46	100	14	9,00	11,0
G 3/8 - 19h	53,05	100	15	9,00	12,0
G 1/2 - 14h	66,91	125	17	12,00	16,0
G 5/8 - 14h	83,36	125	17	14,50	18,0
G 3/4 - 14h	104,76	140	20	16,00	20,0

Ø x P	€	L mm	I mm	mm	d mm
G 7/8 - 14h	140,86	150	22	18,00	22,0
G 1" - 11h	159,62	160	25	20,00	25,0
G 1 1/8 - 11h	254,55	170	25	22,00	28,0
G 1 1/4 - 11h	298,18	170	27	24,00	32,0
G 1 3/8 - 11h	403,36	180	27	29,00	36,0
G 1 1/2 - 11h	518,44	190	27	29,00	36,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2159

HSSE DIN 5156

Rc
DIN 2999

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
Rc 1/8 - 28h	40,81	90	18	5,50	7,0
Rc 1/4 - 19h	59,09	100	22	9,00	11,0
Rc 3/8 - 19h	81,48	100	22	9,00	12,0
Rc 1/2 - 14h	113,56	125	25	12,00	16,0

Ø x P	€	L mm	I mm	mm	d mm
Rc 3/4 - 14h	176,03	140	28	16,00	20,0
Rc 7/8 - 14h	303,91	150	28	18,00	22,0
Rc 1" - 11h	253,06	160	30	20,00	25,0

2164

HSSE DIN 374

NPT
ANSI/ASME
B1.20.1

Form.
C



Tol.
6H

D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
1/16 - 27h	33,96	90	12	4,90	6,0
1/8 - 27h	33,96	90	12	8,00	10,0
1/4 - 18h	47,19	100	18	11,00	14,0
3/8 - 18h	61,20	110	18	11,00	14,0
1/2 - 14h	79,64	140	23	12,00	16,0

Ø x P	€	L mm	I mm	mm	d mm
3/4 - 14h	123,38	150	24	16,00	20,0
1" - 11,5h	158,82	170	30	20,00	25,0
1"1/4 - 11,5h	219,62	170	45	24,00	32,0
1"1/2 - 11,5h	359,02	190	45	29,00	36,0
2" - 11,5h	563,13	225	45	35,00	45,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2209 HSSE DIN 374

NPTF
ANSI/ASME
B1.20.1

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
NPTF 1/8 - 27h	86,44	90	12	6,20	8,0
NPTF 1/4 - 18h	121,26	100	18	9,00	11,0
NPTF 3/8 - 18h	155,78	110	18	9,00	12,0

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

Ø x P	€	L mm	I mm	mm	d mm
NPTF 1/2 - 14h	202,81	140	23	12,00	16,0
NPTF 3/4 - 14h	314,14	150	24	16,00	20,0

2210 HSSE DIN 374

NPS
ANSI/ASME
B1.20.1

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
NPS 1/8 - 27h	99,97	90	20	5,50	7,0
NPS 1/4 - 18h	143,04	100	22	9,00	11,0
NPS 3/8 - 18h	196,15	100	22	9,00	12,0

Ø x P	€	L mm	I mm	mm	d mm
NPS 1/2 - 14h	268,96	125	25	12,00	16,0
NPS 3/4 - 14h	397,61	140	28	16,00	20,0
NPS 1" - 11,50h	514,19	160	30	20,00	25,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2211

HSSE DIN 374

NPSF
ANSI/ASME
B1.20.1

Form.
C



Tol.
6H

D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
NPSF 1/8 - 27h	120,55	90	20	5,50	7,0
NPSF 1/4 - 18h	172,44	100	22	9,00	11,0
NPSF 3/8 - 18h	236,37	100	22	9,00	12,0

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

Ø x P	€	L mm	I mm	mm	d mm
NPSF 1/2 - 14h	324,25	125	25	12,00	16,0
NPSF 3/4 - 14h	530,67	140	28	16,00	20,0

2212

HSSE

Tr
DIN 103



Tol.
7H

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
Tr 10x2	317,43	110	63	5,50	7,0
Tr 10x3	317,43	125	75	5,50	7,0
Tr 12x3	371,31	165	111	6,20	8,0
Tr 14x3	380,67	140	85	8,00	10,0
Tr 14x4	411,08	170	112	8,00	10,0
Tr 16x4	411,08	180	116	9,00	11,0
Tr 18x4	440,59	190	120	9,00	12,0

Ø x P	€	L mm	I mm	mm	d mm
Tr 20x4	479,68	200	124	11,00	14,0
Tr 22x5	479,68	235	155	12,00	16,0
Tr 24x5	518,92	245	160	14,50	18,0
Tr 26x5	538,55	255	165	16,00	20,0
Tr 28x5	587,45	265	170	18,00	22,0
Tr 30x6	636,50	290	185	18,00	22,0
Tr 32x6	625,49	300	191	20,00	25,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2212/5

HSSE

Tr
DIN 103



Tol.
7H



Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
Tr 10x2	396,74	110	63	5,50	7,0
Tr 10x3	396,74	125	75	5,50	7,0
Tr 12x3	464,13	165	111	6,20	8,0
Tr 14x3	475,83	140	85	8,00	10,0
Tr 14x4	513,87	170	112	8,00	10,0
Tr 16x4	513,87	180	116	9,00	11,0
Tr 18x4	550,69	190	120	9,00	12,0

Ø x P	€	L mm	I mm	mm	d mm
Tr 20x4	599,60	200	124	11,00	14,0
Tr 22x5	599,60	235	155	12,00	16,0
Tr 24x5	648,66	245	160	14,50	18,0
Tr 26x5	673,19	255	165	16,00	20,0
Tr 28x5	734,23	265	170	18,00	22,0
Tr 30x6	795,67	290	185	18,00	22,0
Tr 32x6	781,86	300	191	20,00	25,0

2163

HSSE DIN 40433

PG
DIN 40430

Form.
C



D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
Pg.7 (12,50 x 20h)	37,53	100	22	7,00	9,0
Pg.9 (15,20 x 18h)	51,93	100	22	9,00	12,0
Pg.11 (18,60 x 18h)	67,59	110	25	11,00	14,0
Pg.13,50(20,40 x 18h)	75,86	125	25	12,00	16,0
Pg.16 (22,50 x 18h)	89,30	125	25	14,50	18,0

Ø x P	€	L mm	I mm	mm	d mm
Pg.21 (28,30 x 16h)	141,78	150	28	18,00	22,0
Pg.29 (37,00 x 16h)	239,69	170	30	22,00	28,0
Pg.36 (47,00 x 16h)	420,53	190	32	29,00	36,0
Pg.42 (54,00 x 16h)	684,69	190	32	32,00	40,0
Pg.48 (59,30 x 16h)	834,72	220	40	35,00	45,0

MACHOS DE MÁQUINA

TARAUDS MACHINE / MACHINE TAPS

2162

HSSE DIN 371

BA
BS 93

Form.
C



R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
BA 0 (6,00 x 1,00)	75,25	80	19	4,90	6,0
BA 1 (5,30 x 0,90)	75,25	80	19	4,90	6,0
BA 2 (4,70 x 0,81)	75,98	70	16	4,90	6,0
BA 3 (4,10 x 0,73)	77,31	63	13	3,40	4,5
BA 4 (3,60 x 0,66)	77,31	56	11	3,00	4,0

Ø x P	€	L mm	I mm	mm	d mm
BA 5 (3,20 x 0,59)	91,48	56	11	2,70	3,5
BA 6 (2,80 x 0,53)	91,48	56	11	2,70	3,5
BA 7 (2,50 x 0,48)	76,07	50	9	2,10	2,8
BA 8 (2,20 x 0,43)	76,07	45	9	2,10	2,8

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

2242

HSSE DIN 374

Vg
DIN 7756

Form.
C



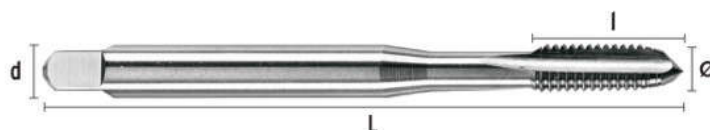
R

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
5,00 x 36h	78,35	80	19	4,90	6,00
5,20 x 24h	78,35	80	19	4,90	6,00

Ø x P	€	L mm	I mm	mm	d mm
6,00 x 32h	89,20	80	19	5,50	7,00
8,00 x 32h	99,25	90	22	6,20	8,00

2243

HSSE DIN 371

Vg
DIN 7756

Form.
C



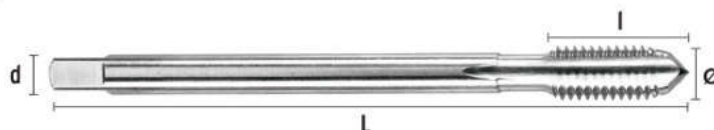
D

Aceros 400 - 800 N/mm²

Aciers / Steel

F 1100
N/mm²

Aplicaciones / Applications



Ø x P	€	L mm	I mm	mm	d mm
9,60 x 1	144,10	90	20	5,50	7,00
10,00 x 28h	125,05	90	22	6,20	8,00

Ø x P	€	L mm	I mm	mm	d mm
12,00 x 26h	136,05	100	22	7,00	9,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2301 HSS DIN 352/2181

M DIN 13 MF DIN 13 Tol. 6H

Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	mm
M1,00 x 0,25	3	66,02	32	5,50	2,10
M1,10 x 0,25	3	66,02	32	5,50	2,10
M1,20 x 0,25	3	66,02	32	5,50	2,10
M1,40 x 0,30	3	66,02	32	7	2,10
M1,60 x 0,35	3	60,25	32	8	2,10
M1,70 x 0,35	3	38,04	32	8	2,10
M1,80 x 0,35	3	56,55	32	8	2,10
M2,00 x 0,40	3	30,00	36	8	2,10
M2,20 x 0,45	3	32,31	36	9	2,10
M2,30 x 0,40	3	32,35	36	9	2,10
M2,50 x 0,45	3	31,03	40	9	2,10
M2,60 x 0,45	3	28,55	40	9	2,10
M3,00 x 0,50	3	16,43	40	11	2,70
MF3,00 x 0,60	3	31,50	40	12	2,70
M3,50 x 0,60	3	22,74	45	13	3,00
MF3,50 x 0,75	3	38,05	45	14	3,40
MF4,00 x 0,50	2	32,04	45	10	3,40
M4,00 x 0,70	3	15,13	45	13	3,40
MF4,00 x 0,75	3	27,22	45	14	3,40
MF4,00 x 0,80	3	102,04	45	14	3,40
M4,50 x 0,75	3	29,31	50	16	4,90
MF5,00 x 0,50	2	34,07	50	12	4,90
MF5,00 x 0,75	2	31,74	50	12	4,90
M5,00 x 0,80	3	16,44	50	16	4,90
MF5,00 x 0,90	3	32,22	50	12	4,90
MF5,00 x 1,00	3	111,08	50	14	4,90
MF5,50 x 0,90	3	111,08	51	18	4,90
MF6,00 x 0,50	2	34,03	50	14	4,90
MF6,00 x 0,75	2	19,16	50	14	4,90
MF6,00 x 0,90	2	110,97	50	19	4,90
M6,00 x 1,00	3	16,44	50	19	4,90
MF6,00 x 1,25	3	111,08	51	18	4,90
MF7,00 x 0,75	2	24,20	50	14	4,90
M7,00 x 1,00	3	22,69	50	19	4,90
MF8,00 x 0,50	2	36,33	50	19	4,90
MF8,00 x 0,75	2	28,30	50	19	4,90
MF8,00 x 1,00	2	18,82	56	22	4,90
M8,00 x 1,25	3	19,79	56	22	4,90
MF8,00 x 1,50	3	123,15	56	22	4,90
MF9,00 x 1,00	2	24,32	63	20	5,50
M9,00 x 1,25	3	35,11	63	22	5,50
MF10,00x 0,50	2	92,30	63	18	5,50
MF10,00x 0,75	2	40,57	63	20	5,50
MF10,00x 1,00	2	20,41	63	20	5,50
MF10,00x 1,25	2	20,78	70	24	5,50

Ø x P mm	Nº	€	L mm	I mm	mm
M10,00 x 1,50	3	24,99	70	24	5,50
MF11,00x 0,75	2	101,05	63	20	6,20
MF11,00x 1,00	2	36,08	63	20	6,20
MF11,00 x 1,25	2	36,08	63	22	6,20
M11,00 x 1,50	3	48,43	70	24	6,20
MF12,00 x 0,75	2	57,74	70	22	7,00
MF12,00 x 1,00	2	35,64	70	22	7,00
MF12,00 x 1,25	2	35,78	70	22	7,00
MF12,00 x 1,50	2	30,44	70	22	7,00
M12,00 x 1,75	3	32,49	75	29	7,00
MF13,00 x 0,75	2	101,05	70	20	9,00
MF13,00 x 1,00	2	58,42	70	22	9,00
MF13,00 x 1,25	2	58,42	70	22	9,00
MF13,00 x 1,50	2	58,42	70	22	9,00
M13,00 x 1,75	3	73,59	80	30	9,00
MF14,00 x 0,75	2	101,14	70	22	9,00
MF14,00 x 1,00	2	53,31	70	22	9,00
MF14,00 x 1,25	2	43,73	70	22	9,00
MF14,00 x 1,50	2	33,98	70	22	9,00
M14,00 x 2,00	3	42,75	80	30	9,00
MF15,00 x 1,00	2	78,81	70	22	9,00
MF15,00 x 1,25	2	82,94	70	22	9,00
MF15,00 x 1,50	2	80,68	70	22	9,00
M15,00 x 2,00	3	84,30	80	32	9,00
MF16,00 x 1,00	2	74,61	70	22	9,00
MF16,00 x 1,25	2	78,54	70	22	9,00
MF16,00 x 1,50	2	42,36	70	22	9,00
M16,00 x 2,00	3	60,19	80	32	9,00
MF17,00 x 1,00	2	120,23	70	22	9,00
MF17,00 x 1,25	2	120,23	70	22	9,00
MF17,00 x 1,50	2	120,23	70	22	9,00
MF18,00 x 1,00	2	82,93	80	22	11,00
MF18,00 x 1,25	2	118,51	80	22	11,00
MF18,00 x 1,50	2	56,16	80	22	11,00
MF18,00 x 2,00	2	89,36	80	22	11,00
M18,00 x 2,50	3	80,46	95	40	11,00
MF19,00 x 1,00	2	174,51	80	22	11,00
MF19,00 x 1,25	2	174,36	80	22	11,00
MF19,00 x 1,50	2	174,51	80	22	11,00
MF20,00 x 1,00	2	110,44	80	22	12,00
MF20,00 x 1,25	2	174,51	80	22	12,00
MF20,00 x 1,50	2	70,09	80	22	12,00
MF20,00 x 2,00	2	92,62	80	22	12,00
M20,00 x 2,50	3	90,42	95	40	12,00
MF21,00 x 1,00	2	225,52	80	22	12,00

(continúa Ref.2301 / suite Réf.2301 / Ref.2301 cont'd)

MACHOS DE MANO TARAUDS À MAIN / HAND TAPS

(continúa Ref.2301 / suite Réf.2301 / Ref.2301 cont'd)

Ø x P mm	Nº	€	L mm	I mm	mm
MF21,00 x 1,25	2	225,52	80	22	12,00
MF21,00 x 1,50	2	178,33	80	22	12,00
MF22,00 x 1,00	2	123,20	80	22	14,50
MF22,00 x 1,25	2	174,51	80	22	14,50
MF22,00 x 1,50	2	76,63	80	22	14,50
MF22,00 x 2,00	2	123,21	80	22	14,50
M22,00 x 2,50	3	110,85	100	40	14,50
MF23,00 x 1,00	2	225,30	80	22	14,50
MF23,00 x 1,50	2	225,30	80	22	14,50
MF24,00 x 1,00	2	137,75	90	22	14,50
MF24,00 x 1,25	2	225,52	90	22	14,50
MF24,00 x 1,50	2	97,81	90	22	14,50
MF24,00 x 2,00	2	137,75	90	22	14,50
M24,00 x 3,00	3	139,63	110	50	14,50
MF25,00 x 1,00	2	197,32	90	22	14,50
MF25,00 x 1,25	2	321,28	90	22	14,50
MF25,00 x 1,50	2	170,61	90	22	14,50
MF25,00 x 2,00	2	330,47	90	22	14,50
MF26,00 x 1,00	2	321,60	90	22	14,50
MF26,00 x 1,50	2	155,84	90	22	14,50
MF26,00 x 2,00	2	321,60	90	22	14,50
MF27,00 x 1,00	2	193,65	90	22	16,00
MF27,00 x 1,50	2	172,67	90	22	16,00
MF27,00 x 2,00	2	190,94	90	22	16,00
M27,00 x 3,00	3	179,83	110	50	16,00
MF28,00 x 1,00	2	321,58	90	22	16,00
MF28,00 x 1,50	2	173,13	90	22	16,00
MF28,00 x 2,00	2	321,58	90	22	16,00
MF30,00 x 1,00	2	199,53	90	22	18,00
MF30,00 x 1,50	2	179,59	90	22	18,00
MF30,00 x 2,00	2	207,05	90	22	18,00
M30,00 x 3,50	3	228,30	125	56	18,00
MF32,00 x 1,00	2	417,83	90	22	18,00
MF32,00 x 1,50	2	221,12	90	22	18,00
MF32,00 x 2,00	2	418,20	90	22	18,00
MF33,00 x 1,00	2	418,20	100	25	20,00
MF33,00 x 1,50	2	243,63	100	25	20,00
MF33,00 x 2,00	2	289,66	100	25	20,00

Ø x P mm	Nº	€	L mm	I mm	mm
M33,00 x 3,50	3	289,66	125	56	20,00
MF34,00 x 1,50	2	263,63	100	25	22,00
MF35,00 x 1,50	2	338,56	100	25	22,00
MF36,00 x 1,50	2	282,40	100	25	22,00
MF36,00 x 2,00	2	361,39	125	40	22,00
MF36,00 x 3,00	2	493,00	125	40	22,00
M36,00 x 4,00	3	373,04	150	63	22,00
MF38,00 x 1,50	2	317,67	100	25	22,00
MF38,00 x 2,00	2	570,41	125	40	22,00
MF39,00 x 1,50	2	426,05	110	25	24,00
MF39,00 x 2,00	2	426,05	125	40	24,00
MF39,00 x 3,00	2	414,58	125	40	24,00
M39,00 x 4,00	3	414,50	150	63	24,00
MF40,00 x 1,50	2	373,09	110	25	24,00
MF40,00 x 2,00	2	433,36	125	40	24,00
MF40,00 x 3,00	2	429,33	125	40	24,00
MF42,00 x 1,50	2	412,68	110	25	24,00
MF42,00 x 2,00	2	495,80	125	40	24,00
MF42,00 x 3,00	2	495,80	125	40	24,00
M42,00 x 4,50	3	519,35	150	63	24,00
MF45,00 x 1,50	2	464,59	110	25	29,00
MF45,00 x 2,00	2	590,27	125	40	29,00
MF45,00 x 3,00	2	590,27	125	40	29,00
M45,00 x 4,50	3	602,41	160	70	29,00
MF48,00 x 1,50	2	523,53	140	40	29,00
MF48,00 x 2,00	2	776,61	140	40	29,00
MF48,00 x 3,00	2	714,61	140	40	29,00
M48,00 x 5,00	3	723,50	180	75	29,00
MF50,00 x 1,50	2	572,53	140	40	29,00
MF52,00 x 1,50	2	607,36	140	40	32,00
MF52,00 x 2,00	2	873,79	140	40	32,00
MF52,00 x 3,00	2	811,26	140	40	32,00
M52,00 x 5,00	3	944,12	180	75	32,00
M56,00 x 5,50	3	1.363,68	200	85	35,00
M60,00 x 5,50	3	1.708,92	200	85	35,00
MF63,00 x 1,50	2	1.358,30	160	32	39,00
M64,00 x 6,00	3	2.134,09	220	90	39,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2301/5 HSS DIN 352 Izquierda / A gauche / Left hand

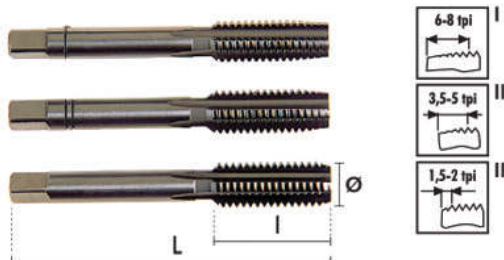


Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	Ø mm
M3,00 x 0,50	3	32,85	40	11	2,70
M4,00 x 0,70	3	30,25	45	13	3,40
M5,00 x 0,80	3	32,88	50	16	4,90
M6,00 x 1,00	3	32,88	50	19	4,90
M7,00 x 1,00	3	45,38	50	19	4,90
MF8,00 x 1,00	2	37,64	56	22	4,90
M8,00 x 1,25	3	39,59	56	22	4,90
M9,00 x 1,25	3	70,23	63	22	5,50
MF10,00 x 1,00	2	40,81	63	20	5,50
MF10,00 x 1,25	2	41,57	70	24	5,50
M10,00 x 1,50	3	49,99	70	24	5,50
MF12,00 x 1,25	2	71,58	70	22	7,00
MF12,00 x 1,50	2	60,88	70	22	7,00
M12,00 x 1,75	3	64,98	75	29	7,00

Ø x P mm	Nº	€	L mm	I mm	Ø mm
MF14,00 x 1,25	2	87,48	70	22	9,00
MF14,00 x 1,50	2	67,96	70	22	9,00
M14,00 x 2,00	3	85,49	80	30	9,00
MF16,00 x 1,50	2	84,71	70	22	9,00
M16,00 x 2,00	3	120,37	80	32	9,00
M18,00 x 2,50	3	160,92	95	40	11,00
MF20,00 x 1,50	2	140,18	80	22	12,00
M20,00 x 2,50	3	180,83	95	40	12,00
MF22,00 x 1,50	2	153,25	80	22	14,50
M22,00 x 2,50	3	221,70	100	40	14,50
MF24,00 x 1,50	2	195,60	90	22	14,50
M24,00 x 3,00	3	279,27	110	50	14,50
M27,00 x 3,00	3	359,66	110	50	16,00
M30,00 x 3,50	3	456,61	125	56	18,00

2302 HSS DIN 352



Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	Ø mm
M3,00 x 0,50	3	36,74	40	11	2,70
M4,00 x 0,70	3	37,67	45	13	3,40
M5,00 x 0,80	3	38,51	50	16	4,90
M6,00 x 1,00	3	38,58	50	19	4,90
M8,00 x 1,25	3	46,37	56	22	4,90

Ø x P mm	Nº	€	L mm	I mm	Ø mm
M10,00 x 1,50	3	55,06	70	24	5,50
M12,00 x 1,75	3	84,64	75	29	7,00
M14,00 x 2,00	3	100,74	80	30	9,00
M16,00 x 2,00	3	125,79	80	32	9,00
M20,00 x 2,50	3	136,40	95	40	12,00

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2314 HSSE DIN 352

M
DIN 13



Tol.
6HX



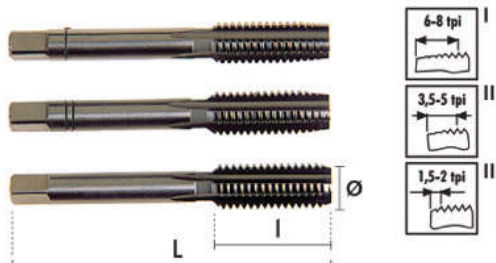
Aceros 800 - 1100 N/mm²

Aciers / Steel 800 N/mm²

Aplicaciones / Applications

Macho 3°
Taraud 3°
Tap 3°

PVP = €/3



Ø x P mm	Nº	€	L mm	I mm	mm
M3,00 x 0,50	3	24,08	40	10	2,70
M4,00 x 0,70	3	24,03	45	12	3,40
M5,00 x 0,80	3	25,16	50	14	4,90
M6,00 x 1,00	3	25,25	56	16	4,90
M8,00 x 1,25	3	29,00	63	20	4,90

Ø x P mm	Nº	€	L mm	I mm	mm
M10,00 x 1,50	3	37,34	70	22	5,50
M12,00 x 1,75	3	53,07	75	24	7,00
M14,00 x 2,00	3	70,28	80	26	9,00
M16,00 x 2,00	3	77,51	80	27	9,00

2303 HSSE DIN 352

M
DIN 13



Tol.
6HX



Aceros inox

Aciers inox / Stainless steel F 800 1100 N/mm²

Aplicaciones / Applications

Macho 3°
Taraud 3°
Tap 3°

PVP = €/3



Ø x P mm	Nº	€	L mm	I mm	mm
M3,00 x 0,50	3	24,55	40	11	2,70
M4,00 x 0,70	3	24,55	45	13	3,40
M5,00 x 0,80	3	25,54	50	16	4,90
M6,00 x 1,00	3	25,54	56	19	4,90
M8,00 x 1,25	3	29,65	63	22	4,90
M10,00 x 1,50	3	38,16	70	24	5,50

Ø x P mm	Nº	€	L mm	I mm	mm
M12,00 x 1,75	3	54,60	75	29	7,00
M14,00 x 2,00	3	60,49	80	30	9,00
M16,00 x 2,00	3	82,86	80	32	9,00
M18,00 x 2,50	3	113,21	95	40	11,00
M20,00 x 2,50	3	125,67	95	40	12,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2304 HSS DIN 352

BSW
BS 84

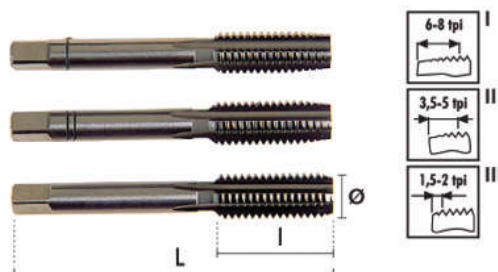


Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P	Nº	€	L mm	I mm	Ø mm
W3/32 - 48h	3	30,52	36	10	2,10
W1/8 - 40h	3	21,05	40	12	2,70
W5/32 - 32h	3	21,26	45	14	3,40
W3/16 - 24h	3	21,05	50	18	4,90
W7/32 - 24h	3	37,45	50	18	4,90
W1/4 - 20h	3	23,71	50	19	4,90
W5/16 - 18h	3	28,94	56	22	4,90
W3/8 - 16h	3	31,82	70	24	5,50
W7/16 - 14h	3	42,30	70	24	6,20
W1/2 - 12h	3	45,82	75	29	7,00
W9/16 - 12h	3	62,33	80	30	9,00
W5/8 - 11h	3	71,65	80	32	9,00
W3/4 - 10h	3	102,01	95	40	11,00
W7/8 - 9h	3	149,24	100	40	14,50

Ø x P	Nº	€	L mm	I mm	Ø mm
W1* - 8h	3	182,26	110	50	14,50
W1*1/8 - 7h	3	271,58	132	56	18,00
W1*1/4 - 7h	3	328,52	132	56	18,00
W1*3/8 - 6h	3	408,58	150	63	22,00
W1*1/2 - 6h	3	491,89	150	63	24,00
W1*5/8 - 5h	3	737,90	160	70	24,00
W1*3/4 - 5h	3	908,18	160	70	29,00
W1*7/8 - 4,5h	3	1.173,00	190	80	29,00
W2* - 4,5h	3	1.231,42	190	80	32,00
W2*1/4 - 4h	3	1.627,78	220	80	35,00
W2*1/2 - 4h	3	1.980,21	220	80	39,00
W2*3/4 - 3,5h	3	2.827,50	240	80	39,00
W3* - 3,5h	3	3.271,11	240	80	39,00

2304/5 HSS DIN 352 Izquierda / A gauche / Left hand

BSW
BS 84



Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P	Nº	€	L mm	I mm	Ø mm
W1/8 - 40h	3	42,11	40	12	2,70
W5/32 - 32h	3	42,53	45	14	3,40
W3/16 - 24h	3	42,11	50	18	4,90
W1/4 - 20h	3	47,42	50	19	4,90
W5/16 - 18h	3	57,89	56	22	4,90
W3/8 - 16h	3	63,62	70	24	4,90
W7/16 - 14h	3	84,61	70	24	6,20

Ø x P	Nº	€	L mm	I mm	Ø mm
W1/2 - 12h	3	91,64	75	29	7,00
W9/16 - 12h	3	124,67	80	30	9,00
W5/8 - 11h	3	143,31	80	32	9,00
W3/4 - 10h	3	204,02	95	40	11,00
W7/8 - 9h	3	298,47	100	40	14,50
W1* - 8h	3	364,52	110	50	14,50

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2305 HSS DIN 2181

BSF
BS 84

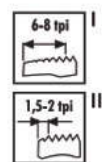


Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/2
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
BSF3/16 - 32h	2	80,66	50	14	4,90
BSF1/4 - 26h	2	33,24	50	18	4,90
BSF5/16 - 22h	2	38,78	56	22	4,90
BSF3/8 - 20h	2	44,87	63	22	5,50
BSF7/16 - 18h	2	53,84	63	22	6,20
BSF1/2 - 16h	2	60,87	75	24	7,00
BSF9/16 - 16h	2	73,01	80	28	9,00

Ø x P	Nº	€	L mm	I mm	mm
BSF5/8 - 14h	2	95,31	50	28	9,00
BSF3/4 - 12h	2	146,04	95	32	11,00
BSF7/8 - 11h	2	174,29	100	36	14,50
BSF1* - 10h	2	244,65	110	40	14,50
BSF1*1/8 - 9h	2	504,82	125	40	18,00
BSF1*1/4 - 9h	2	576,38	125	40	18,00
BSF1*1/2 - 8h	2	878,39	125	40	24,00

2306 HSS DIN 5157

G
ISO 228

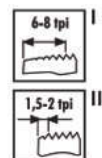


Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/2
Tap 3°



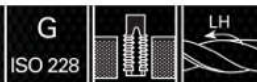
Ø x P	Nº	€	L mm	I mm	mm
G1/8 - 28h	2	26,92	63	20	5,50
G1/4 - 19h	2	37,91	70	22	9,00
G3/8 - 19h	2	47,74	70	22	9,00
G1/2 - 14h	2	66,77	80	22	12,00
G5/8 - 14h	2	88,20	80	22	14,50
G3/4 - 14h	2	104,27	90	22	16,00
G7/8 - 14h	2	143,42	90	22	18,00
G1* - 11h	2	165,98	100	25	20,00
G1*1/8 - 11h	2	246,57	125	40	22,00

Ø x P	Nº	€	L mm	I mm	mm
G1*1/4 - 11h	2	268,66	125	40	24,00
G1*3/8 - 11h	2	364,94	140	40	29,00
G1*1/2 - 11h	2	406,08	140	40	29,00
G1*3/4 - 11h	2	675,10	140	40	32,00
G2* - 11h	2	748,39	160	40	35,00
G2*1/4 - 11h	2	1.273,29	160	40	39,00
G2*1/2 - 11h	2	1.913,91	160	40	39,00
G2*3/4 - 11h	2	2.320,63	160	40	39,00
G3* - 11h	2	2.415,12	160	40	39,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2306/5 HSS DIN 5157 Izquierda / A gauche / Left hand

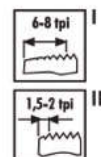


Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/2
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
G1/8 - 38h	2	53,85	63	20	5,50
G1/4 - 19h	2	75,82	70	22	9,00
G3/8 - 19h	2	95,48	70	22	9,00
G1/2 - 14h	2	133,54	80	22	12,00

Ø x P	Nº	€	L mm	I mm	mm
G5/8 - 14h	2	176,39	80	22	14,50
G3/4 - 14h	2	208,52	90	22	16,00
G1" - 11h	2	331,98	100	25	20,00

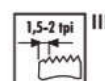
2316 HSS DIN 5157



Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
G1/8 - 28h	1	15,91	63	20	5,50
G1/4 - 19h	1	25,92	70	22	9,00
G3/8 - 19h	1	28,35	70	22	9,00
G1/2 - 14h	1	45,36	80	22	12,00

Ø x P	Nº	€	L mm	I mm	mm
G5/8 - 14h	1	60,64	80	22	14,50
G3/4 - 14h	1	70,92	90	22	16,00
G7/8 - 14h	1	102,52	90	22	18,00
G1" - 11h	1	117,52	100	25	20,00

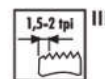
2317 HSS DIN 5157



Latón y bronce

Laiton et Bronze / Brass and bronze

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
G1/8 - 28h	1	17,49	63	20	5,50
G1/4 - 19h	1	28,53	70	22	9,00
G3/8 - 19h	1	31,30	70	22	9,00
G1/2 - 14h	1	51,84	80	22	12,00

Ø x P	Nº	€	L mm	I mm	mm
G5/8 - 14h	1	66,69	80	22	14,50
G3/4 - 14h	1	77,99	90	22	16,00
G7/8 - 14h	1	112,77	90	22	18,00
G1" - 11h	1	129,27	100	25	20,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2307 HSS DIN 352

UNC
ANSI/ASME
B1.1



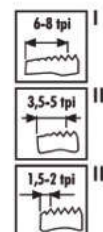
Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 3
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
Nº4 - 40h	3	41,56	40	12	2,70
Nº5 - 40h	3	39,73	40	12	2,70
Nº6 - 32h	3	39,73	45	14	3,00
Nº8 - 32h	3	39,73	45	14	3,40
Nº10 - 24h	3	39,73	50	16	4,90
Nº12 - 24h	3	39,73	50	18	4,90
1/4 - 20h	3	32,16	50	19	4,90
5/16 - 18h	3	36,73	56	22	4,90
3/8 - 16h	3	41,53	70	24	5,50
7/16 - 14h	3	54,06	70	24	6,20
1/2 - 13h	3	62,22	75	29	7,00

Ø x P	Nº	€	L mm	I mm	mm
9/16 - 12h	3	73,46	80	30	9,00
5/8 - 11h	3	101,33	80	32	9,00
3/4 - 10h	3	137,96	95	40	11,00
7/8 - 9h	3	169,92	100	40	14,50
1" - 8h	3	229,49	110	50	14,50
1 1/8 - 7h	3	350,32	132	56	18,00
1 1/4 - 7h	3	440,96	132	56	18,00
1 3/8 - 6h	3	559,39	150	63	22,00
1 1/2 - 6h	3	686,84	150	63	24,00
1 3/4 - 5h	3	855,66	160	70	29,00
2" - 4,5h	3	983,67	190	85	32,00

2307/5 HSS DIN 352 Izquierda / A gauche / Left hand

UNC
ANSI/ASME
B1.1



Tol.
2B

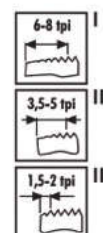


Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 3
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
1/4 - 20h	3	64,31	50	19	4,90
5/16 - 18h	3	73,46	56	22	4,90
3/8 - 16h	3	83,07	70	24	5,50
7/16 - 14h	3	108,14	70	24	6,20
1/2 - 13h	3	124,45	75	29	7,00

Ø x P	Nº	€	L mm	I mm	mm
9/16 - 12h	3	146,92	80	30	9,00
5/8 - 11h	3	202,65	80	32	9,00
3/4 - 10h	3	275,92	95	40	11,00
7/8 - 9h	3	339,83	100	40	14,50
1" - 8h	3	458,97	110	50	14,50

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2308 HSS DIN 2181

UNF
ANSI/ASME
B1.1



Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/2
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
Nº4 - 48h	2	31,56	36	11	2,70
Nº5 - 44h	2	31,56	36	11	2,70
Nº6 - 40h	2	30,16	40	12	3,00
Nº8 - 36h	2	30,16	40	12	3,40
Nº10 - 32h	2	30,16	45	14	4,90
Nº12 - 28h	2	31,56	50	14	4,90
1/4 - 28h	2	21,74	50	18	4,90
5/16 - 24h	2	23,27	56	22	4,90
3/8 - 24h	2	26,90	63	22	5,50
7/16 - 20h	2	35,71	63	22	6,20

Ø x P	Nº	€	L mm	I mm	mm
1/2 - 20h	2	36,52	75	24	7,00
9/16 - 18h	2	47,57	80	28	9,00
5/8 - 18h	2	61,44	80	28	9,00
3/4 - 16h	2	82,55	95	32	11,00
7/8 - 14h	2	106,08	100	36	14,50
1" - 12h	2	140,65	110	40	14,50
1 1/8 - 12h	2	219,01	110	50	18,00
1 1/4 - 12h	2	276,26	132	56	18,00
1 3/8 - 12h	2	350,84	132	56	22,00
1 1/2 - 12h	2	429,58	150	63	24,00

2308/5 HSS DIN 2181 Izquierda / A gauche / Left hand

UNF
ANSI/ASME
B1.1



Tol.
2B

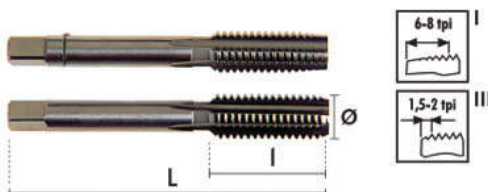


Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/2
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
1/4 - 28h	2	43,47	50	18	4,90
5/16 - 24h	2	46,54	56	22	4,90
3/8 - 24h	2	53,80	63	22	5,50
7/16 - 20h	2	71,42	63	22	6,20
1/2 - 20h	2	73,03	75	24	7,00

Ø x P	Nº	€	L mm	I mm	mm
9/16 - 18h	2	95,13	80	28	9,00
5/8 - 18h	2	122,86	80	28	9,00
3/4 - 16h	2	165,10	95	32	11,00
7/8 - 14h	2	212,17	100	36	14,50
1" - 12h	2	281,28	110	40	14,50

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2315 HSS DIN 2184

UN
ANSI/ASME
B1.1



Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 2
Tap 3°



Ø x P	Nº	€	L mm	I mm	Ø mm
UN1*1/8 - 8h	2	193,98	125	45	18,00
UN1*1/4 - 8h	2	250,25	125	45	18,00
UN1*3/8 - 8h	2	283,87	125	40	22,00
UN1*1/2 - 8h	2	372,71	125	40	24,00

Ø x P	Nº	€	L mm	I mm	Ø mm
UN1*5/8 - 8h	2	435,98	125	40	24,00
UN1*3/4 - 8h	2	531,10	125	40	29,00
UN2* - 8h	2	569,06	140	40	32,00

2309 HSS DIN 5157

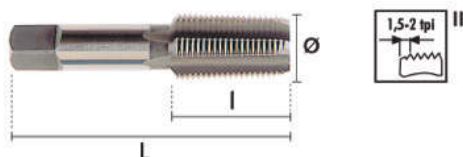
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DIN 2999



Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	Ø mm
Rc1/8 - 28h	1	28,37	65	19	5,50
Rc1/4 - 19h	1	40,01	70	25	9,00
Rc3/8 - 19h	1	55,56	75	25	9,00
Rc1/2 - 14h	1	77,77	80	21	12,00

Ø x P	Nº	€	L mm	I mm	Ø mm
Rc5/8 - 14h	1	142,32	80	36	14,00
Rc3/4 - 14h	1	131,99	100	33	17,00
Rc7/8 - 14h	1	237,21	85	36	17,00
Rc1* - 11h	1	200,93	110	38	21,50

2310 HSS DIN 2181

UNEF
ANSI/ASME
B1.1



Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = € / 2
Tap 3°



Ø x P	Nº	€	L mm	I mm	Ø mm
1/4 - 32h	2	89,39	50	18	4,90
5/16 - 32h	2	99,88	56	22	4,90
3/8 - 32h	2	114,28	63	22	5,50
7/16 - 28h	2	145,46	63	22	6,20
1/2 - 28h	2	164,36	75	24	7,00

Ø x P	Nº	€	L mm	I mm	Ø mm
9/16 - 24h	2	192,28	80	28	9,00
5/8 - 24h	2	267,62	80	28	9,00
3/4 - 20h	2	396,30	95	32	11,00
1* - 20h	2	567,05	110	40	14,50

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2311 HSS DIN 352

BA
BS 93



BS
93

Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P	Nº	€	L mm	I mm	mm
BA0 (6,00 x 1,00)	3	139,63	50	19	4,90
BA1 (5,30 x 0,90)	3	139,63	50	19	4,90
BA2 (4,70 x 0,81)	3	139,63	50	16	4,90
BA3 (4,10 x 0,73)	3	150,06	45	13	3,40
BA4 (3,60 x 0,66)	3	150,06	45	13	3,00

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

Ø x P	Nº	€	L mm	I mm	mm
BA5 (3,20 x 0,59)	3	179,30	45	13	3,00
BA6 (2,80 x 0,53)	3	179,30	40	11	2,70
BA7 (2,50 x 0,48)	3	197,13	40	9	2,10
BA8 (2,20 x 0,43)	3	197,13	36	9	2,10

2312 HSS DIN 40432

PG

DIN 40430



Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
Pg.7 (12,50 x 20h)	1	29,84	70	22	7,00
Pg.9 (15,20 x 18h)	1	37,94	70	22	9,00
Pg.11 (18,60 x 18h)	1	52,68	80	22	11,00
Pg.13,5 (20,40 x 18h)	1	57,78	80	22	12,00
Pg.16 (22,50 x 18h)	1	69,37	80	22	14,50

Ø x P	Nº	€	L mm	I mm	mm
Pg.21 (28,30 x 16h)	1	102,03	90	22	18,00
Pg.29 (37,00 x 16h)	1	202,56	100	25	22,00
Pg.36 (47,00 x 16h)	1	338,37	140	40	29,00
Pg.42 (54,00 x 16h)	1	401,84	140	40	32,00
Pg.48 (59,30 x 16h)	1	506,76	160	40	35,00

2313 HSS

NPT

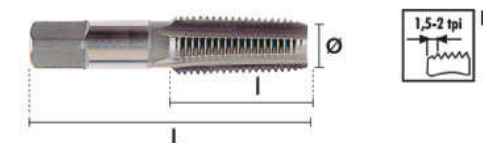
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Aceros 400 - 800 N/mm²

Aciers / Steel F

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
1/16 - 27h	1	24,62	65	19	5,50
1/8 - 27h	1	24,62	65	19	5,50
1/4 - 18h	1	34,53	70	25	9,00
3/8 - 18h	1	47,64	75	25	9,00
1/2 - 14h	1	66,63	80	31	12,00

Ø x P	Nº	€	L mm	I mm	mm
3/4 - 14h	1	101,87	100	33	16,00
1" - 11,5h	1	113,43	110	38	20,00
1"1/4 - 11,5h	1	185,99	125	41	24,00
1"1/2 - 11,5h	1	282,61	140	42	29,00
2" - 11,5h	1	441,19	160	44	29,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2318

HSS

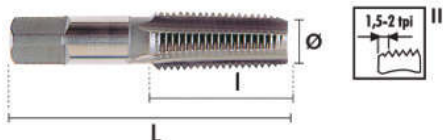
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Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
1/8 - 27h	1	62,67	65	19	5,50
1/4 - 18h	1	87,82	70	25	9,00
3/8 - 18h	1	121,22	75	26	9,00

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

Ø x P	Nº	€	L mm	I mm	mm
1/2 - 14h	1	169,51	80	31	12,00
3/4 - 14h	1	259,14	100	31	16,00

2319

HSS

NPS
ANSI/ASME
B1.20.1



Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
1/8 - 27h	1	76,61	55	19	6,00
1/4 - 18h	1	60,96	62	28	9,00
3/8 - 18h	1	84,32	65	28	11,00

Ø x P	Nº	€	L mm	I mm	mm
1/2 - 14h	1	110,20	80	35	14,00
3/4 - 14h	1	160,04	85	35	17,00
*1" - 11,5h	1	208,59	95	45	21,00

2320

HSS

NPSF
ANSI/ASME
B1.20.1



Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications



Ø x P	Nº	€	L mm	I mm	mm
1/8 - 27h	1	92,44	55	19	6,00
1/4 - 18h	1	133,60	62	28	9,00
3/8 - 18h	1	184,78	65	28	11,00

(Hasta fin de existencias / Jusqu'à épuisement des stocks / While supplies last)

Ø x P	Nº	€	L mm	I mm	mm
1/2 - 14h	1	241,57	80	35	14,00
3/4 - 14h	1	367,53	95	35	17,00

MACHOS DE MANO

TARAUDS À MAIN / HAND TAPS

2321 HSS DIN 352 Perfil completo / Profil complet / Non serial form

M
DIN 13

MF
DIN 13



Tol.
6H

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	mm
M2,00 x 0,40	3	30,00	36	8	2,10
M2,50 x 0,45	3	31,03	40	9	2,10
M3,00 x 0,50	3	16,43	40	11	2,70
M4,00 x 0,70	3	15,13	45	13	3,40
M5,00 x 0,80	3	16,44	50	16	4,90
M6,00 x 1,00	3	16,44	50	19	4,90
M7,00 x 1,00	3	22,69	50	19	4,90
M8,00 x 1,00	2	18,82	56	22	4,90
M8,00 x 1,25	3	19,79	56	22	4,90
M9,00 x 1,00	2	24,32	63	10	5,50
M9,00 x 1,25	3	35,11	63	22	5,50
M10,00 x 1,00	2	20,41	63	20	5,50
M10,00 x 1,25	2	20,78	70	24	5,50
M10,00 x 1,50	3	24,99	70	24	5,50
M11,00 x 1,00	2	36,08	63	20	6,20
M11,00 x 1,25	2	36,08	63	22	6,20
M11,00 x 1,50	3	48,43	70	24	6,20
M12,00 x 1,00	2	35,64	70	22	7,00
M12,00 x 1,25	2	35,78	70	22	7,00
M12,00 x 1,50	2	30,44	70	22	7,00
M12,00 x 1,75	3	32,49	75	29	7,00
M14,00 x 1,00	2	53,31	70	22	9,00
M14,00 x 1,25	2	43,73	70	22	9,00
M14,00 x 1,50	2	33,98	70	22	9,00
M14,00 x 2,00	3	42,75	80	30	9,00

Ø x P mm	Nº	€	L mm	I mm	mm
M16,00 x 1,00	2	74,61	70	22	9,00
M16,00 x 1,25	2	78,54	70	22	9,00
M16,00 x 1,50	2	42,36	70	22	9,00
M16,00 x 2,00	3	60,19	80	32	9,00
M18,00 x 1,50	2	56,16	80	22	11,00
M18,00 x 2,00	2	89,36	80	22	11,00
M18,00 x 2,50	3	80,46	95	40	11,00
M20,00 x 1,50	2	70,09	80	22	12,00
M20,00 x 2,00	2	92,62	80	22	12,00
M20,00 x 2,50	3	90,42	95	40	12,00
M22,00 x 1,50	2	76,63	80	22	14,50
M22,00 x 2,00	2	123,21	80	22	14,50
M22,00 x 2,50	3	110,85	100	40	14,50
M24,00 x 1,50	2	97,81	90	22	14,50
M24,00 x 2,00	2	137,75	90	22	14,50
M24,00 x 3,00	3	139,63	110	50	14,50
M26,00 x 1,50	2	155,84	90	22	14,50
M26,00 x 2,00	2	321,60	90	22	14,50
M27,00 x 3,00	3	179,83	110	50	16,00
M28,00 x 1,50	2	173,13	90	22	16,00
M30,00 x 3,50	3	228,30	125	56	18,00
M33,00 x 3,50	3	289,66	125	56	20,00
M36,00 x 4,00	3	373,04	150	63	22,00
M39,00 x 4,00	3	414,50	150	63	24,00
M42,00 x 4,50	3	519,35	150	63	24,00



MACHOS DE MANO TARAUDS À MAIN / HAND TAPS

2322 HSS DIN 352 Perfil completo / Profil complet / Non serial form

UNC
ANSI/ASME
B1.1



Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	mm
UNC4-40	3	41,56	40	12	2,70
UNC5-40	3	39,73	40	12	2,70
UNC6-32	3	39,73	45	14	3,00
UNC8-32	3	39,73	45	14	3,40
UNC10-24	3	39,73	50	16	4,90
UNC12-24	3	39,73	50	18	4,90
UNC1/4-20	3	32,16	50	19	4,90
UNC5/16-18	3	36,73	56	22	4,90
UNC3/8-16	3	41,53	70	24	5,50
UNC7/16-14	3	54,06	70	24	6,20
UNC1/2-13	3	62,22	75	29	7,00

Ø x P mm	Nº	€	L mm	I mm	mm
UNC9/16-12	3	73,46	80	30	9,00
UNC5/8-11	3	101,33	80	32	9,00
UNC3/4-10	3	137,96	95	40	11,00
UNC7/8-9	3	169,92	100	40	14,50
UNC1"-8	3	229,49	110	50	14,50
UNC1", 1/8-7	3	350,32	132	56	18,00
UNC1", 1/4-7	3	440,96	132	56	18,00
UNC1", 3/8-6	3	559,39	150	63	22,00
UNC1", 1/2-6	3	686,84	150	63	24,00
UNC1 3/4-5	3	855,66	160	70	29,00
UNC2"	3	983,67	190	85	32,00

2323 HSS DIN 352 Perfil completo / Profil complet / Non serial form

UNF
ANSI/ASME
B1.1



Tol.
2B

Aceros 400 - 800 N/mm²

Aciers / Steel

Aplicaciones / Applications

Macho 3°
Taraud 3° } PVP = €/3
Tap 3°



Ø x P mm	Nº	€	L mm	I mm	mm
UNF4-48	2	31,56	36	11	2,70
UNF5-44	2	31,56	36	11	2,70
UNF6-40	2	30,16	40	12	3,00
UNF8-36	2	30,16	40	12	3,40
UNF10-32	2	30,16	45	14	4,90
UNF12-28	2	31,56	50	14	4,90
UNF1/4-28	2	21,74	50	18	4,90
UNF5/16-24	2	23,27	56	22	4,90
UNF3/8-24	2	26,90	63	22	5,50
UNF7/16-20	2	35,71	63	22	6,20

Ø x P mm	Nº	€	L mm	I mm	mm
UNF1/2-20	2	36,52	75	24	7,00
UNF9/16-18	2	47,57	80	28	9,00
UNF5/8-18	2	61,44	80	28	9,00
UNF3/4-16	2	82,55	95	32	11,00
UNF7/8-14	2	106,08	100	36	14,50
UNF1"-12	2	140,65	110	40	14,50
UNF1", 1/8-12	2	219,01	110	50	18,00
UNF1", 1/4-12	2	276,26	132	56	18,00
UNF1 3/8-12	2	350,84	132	56	22,00
UNF1", 1/2-12	2	429,58	150	63	24,00