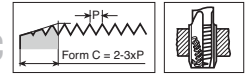


Machos Taps • Tarauds



472 401 HSS E | NORMA FABRICA | 2B

UNC



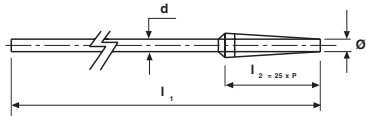
APLICACIONES

I

ACEROS < 700 N/mm²

Roscado a Máquina

. Para tuercas



Ø	ε	l ₁	l ₂	d	∠	∠
UNC 8 - 32	26,17	280	20	2,80	3,50	
UNC 1/4" - 20	21,29	280	32	4,50	5,10	
UNC 3/8" - 16	23,35	280	40	7,20	7,90	
UNC 7/16" - 14	22,15	420	46	8,40	9,25	
UNC 1/2" - 13	42,89	420	53	9,50	10,50	

Ø	ε	l ₁	l ₂	d	∠	∠
UNC 9/16" - 12	59,17	420	54	11,00	12,00	
UNC 5/8" - 11	59,17	520	58	12,20	13,50	
UNC 3/4" - 10	81,52	520	64	15,00	16,50	
UNC 7/8" - 9	112,55	520	71	17,70	19,25	



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BSP



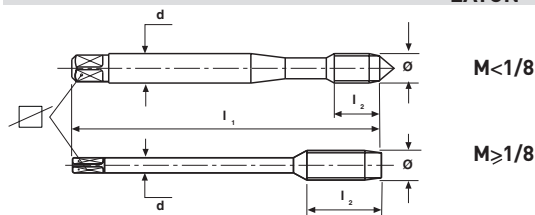
APLICACIONES

I IV V VI

ACEROS < 700 N/mm²
FUNDICIÓN < 800 N/mm²
ALUMINIO < 610 N/mm²
LATÓN < 500 N/mm²

Roscado Manual

. En agujeros ciegos hasta 3 X Ø.



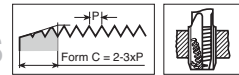
Ø	ε	l ₁	l ₂	d	∠	∠
BSP 1/8" - 28	24,31	63	18	7,00	5,50	8,80
BSP 1/4" - 19	34,24	70	20	11,00	9,00	11,80
BSP 3/8" - 19	42,97	70	20	12,00	9,00	15,25
BSP 1/2" - 14	60,31	80	22	16,00	12,00	19,00
BSP 5/8" - 14	77,19	80	22	18,00	14,50	21,00
BSP 3/4" - 14	94,12	90	22	20,00	16,00	24,50
BSP 7/8" - 14	125,55	90	22	22,00	18,00	28,25

Ø	ε	l ₁	l ₂	d	∠	∠
BSP 1" - 11	149,28	100	25	25,00	20,00	30,75
BSP 1.1/8" - 11	214,80	125	32	28,00	22,00	35,50
BSP 1.1/4" - 11	234,08	125	32	32,00	24,00	39,50
BSP 1.3/8" - 11	317,95	125	32	36,00	29,00	42,00
BSP 1.1/2" - 11	353,76	140	32	36,00	29,00	25,50
BSP 2" - 11	652,01	160	36	45,00	35,00	57,20



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BSP-GAS



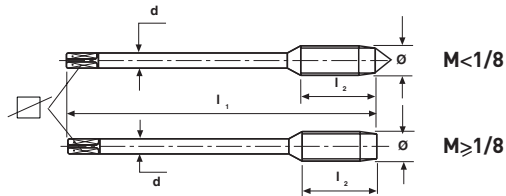
APLICACIONES

I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

- >3/4" = HSS
- . En orificios ciegos hasta 1 X Ø.
- . Mayor rigidez de roscado.



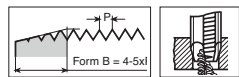
Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	20,58	90	18	7	6	8,80
BSP 1/4" - 19	30,51	100	22	11	9	11,80
BSP 3/8" - 19	36,54	100	25	12	9	15,30
BSP 1/2" - 14	46,17	125	25	16	12	19,00
BSP 5/8" - 14	57,52	125	25	18	15	21,00
BSP 3/4" - 14	72,28	140	28	20	16	24,50
BSP 7/8" - 14	97,16	150	28	22	18	28,30

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1" - 11	112,17	160	36	25	20	30,80
BSP 1.1/8" - 11	171,35	170	36	28	22	35,50
BSP 1.1/4" - 11	201,05	170	40	32	24	39,50
BSP 1.3/8" - 11	251,44	180	40	36	29	42,00
BSP 1.1/2" - 11	320,58	190	40	36	29	25,50
BSP 1.3/4" - 11	381,07	190	40	40	32	51,40



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BSP-GAS



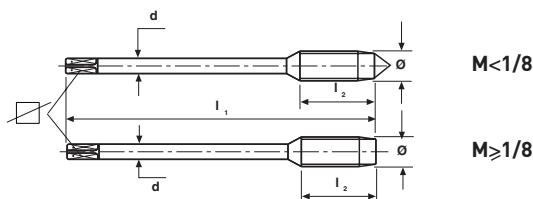
APLICACIONES

I

ACEROS < 700 N/mm²

Roscado a Máquina

- >3/4" = HSS
- . En orificios ciegos hasta 1 X Ø.
- . Mayor rigidez de roscado.



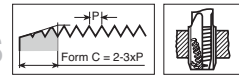
Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	25,14	90	18	7	5,5	8,80
BSP 1/4" - 19	33,59	100	22	11	9,0	11,80
BSP 3/8" - 19	40,18	100	25	12	9,0	15,30
BSP 1/2" - 14	50,80	125	25	16	12,0	19,00
BSP 5/8" - 14	63,13	125	25	18	14,5	21,00

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 3/4" - 14	79,52	140	28	20	16,0	24,50
BSP 7/8" - 14	106,90	150	28	22	18,0	28,30
BSP 1" - 11	123,39	160	36	25	20,0	30,80
BSP 1.1/8" - 11	195,46	170	36	28	22,0	35,50
BSP 1.1/4" - 11	221,23	170	40	32	24,0	39,50



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BSP-GAS



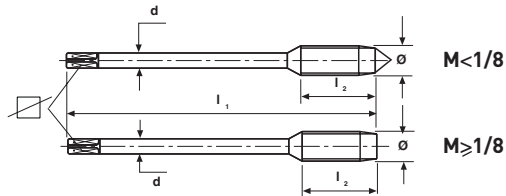
APLICACIONES

I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

- >3/4" = HSS
- . En orificios ciegos hasta 1 X Ø.
- . Mayor rigidez de roscado.



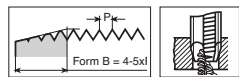
Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	20,58	90	18	7	6	8,80
BSP 1/4" - 19	30,51	100	22	11	9	11,80
BSP 3/8" - 19	36,54	100	25	12	9	15,30
BSP 1/2" - 14	46,17	125	25	16	12	19,00
BSP 5/8" - 14	57,52	125	25	18	15	21,00
BSP 3/4" - 14	72,28	140	28	20	16	24,50
BSP 7/8" - 14	97,16	150	28	22	18	28,30

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1" - 11	112,17	160	36	25	20	30,80
BSP 1.1/8" - 11	171,35	170	36	28	22	35,50
BSP 1.1/4" - 11	201,05	170	40	32	24	39,50
BSP 1.3/8" - 11	251,44	180	40	36	29	42,00
BSP 1.1/2" - 11	320,58	190	40	36	29	25,50
BSP 1.3/4" - 11	381,07	190	40	40	32	51,40



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BSP-GAS



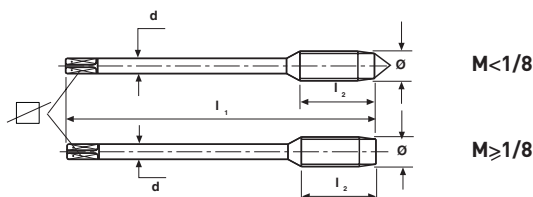
APLICACIONES

I

ACEROS < 700 N/mm²

Roscado a Máquina

- >3/4" = HSS
- . En orificios ciegos hasta 1 X Ø.
- . Mayor rigidez de roscado.



Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	25,14	90	18	7	5,5	8,80
BSP 1/4" - 19	33,59	100	22	11	9,0	11,80
BSP 3/8" - 19	40,18	100	25	12	9,0	15,30
BSP 1/2" - 14	50,80	125	25	16	12,0	19,00
BSP 5/8" - 14	63,13	125	25	18	14,5	21,00

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 3/4" - 14	79,52	140	28	20	16,0	24,50
BSP 7/8" - 14	106,90	150	28	22	18,0	28,30
BSP 1" - 11	123,39	160	36	25	20,0	30,80
BSP 1.1/8" - 11	195,46	170	36	28	22,0	35,50
BSP 1.1/4" - 11	221,23	170	40	32	24,0	39,50

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APLICACIONES

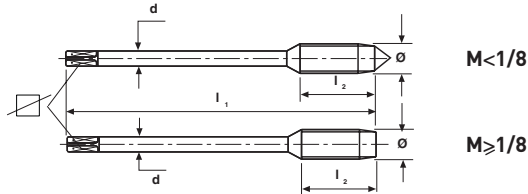
I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

>3/4" = HSS

- . Indicado para matrices de viruta corta.
- . Profundidad de roscado hasta 2,5 X Ø.



Ø	e	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	26,68	90	18	7	5,5	8,80
BSP 1/4" - 19	38,32	100	22	11	9,0	11,80
BSP 3/8" - 19	45,76	100	25	12	9,0	15,30
BSP 1/2" - 14	57,72	125	25	16	12,0	19,00
BSP 5/8" - 14	71,85	125	25	18	14,5	21,00

Ø	e	l ₁	l ₂	d	∇	∫
BSP 3/4" - 14	90,33	140	28	20	16,0	24,50
BSP 7/8" - 14	121,50	150	36	22	18,0	28,30
BSP 1" - 11	140,16	160	36	25	20,0	30,80
BSP 1.1/8" - 11	214,68	170	40	28	22,0	35,50
BSP 1.3/8" - 11	340,21	180	40	36	29,0	42,00



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APLICACIONES

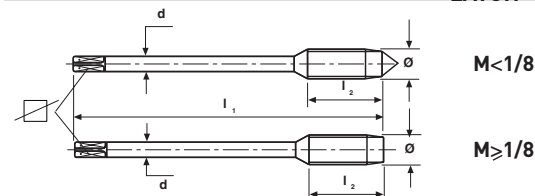
I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

>7/8" = HSS

- . Profundidad de roscado hasta 2,5 X Ø.



Ø	e	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	26,68	90	12	7	5,5	5,5
BSP 1/4" - 19	38,32	100	16	11	9	9
BSP 3/8" - 19	45,76	100	18	12	9	9
BSP 1/2" - 14	57,72	125	20	16	12	12
BSP 5/8" - 14	71,85	125	20	18	14,5	14,5
BSP 3/4" - 14	90,33	140	22	20	16	16

Ø	e	l ₁	l ₂	d	∇	∫
BSP 7/8" - 14	121,50	150	22	22	18	18
BSP 1" - 11	140,16	160	25	25	20	20
BSP 1.1/8" - 11	214,68	170	36	28	22	22
BSP 1.3/8" - 11	340,21	180	40	36	29	29
BSP 1.1/2" - 11	437,27	190	40	36	29	29

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APLICACIONES

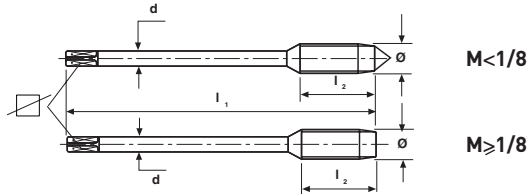
I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

>3/4" = HSS

- . Indicado para matrices de viruta corta.
- . Profundidad de roscado hasta 2,5 X Ø.



Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	26,68	90	18	7	5,5	8,80
BSP 1/4" - 19	38,32	100	22	11	9,0	11,80
BSP 3/8" - 19	45,76	100	25	12	9,0	15,30
BSP 1/2" - 14	57,72	125	25	16	12,0	19,00
BSP 5/8" - 14	71,85	125	25	18	14,5	21,00

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 3/4" - 14	90,33	140	28	20	16,0	24,50
BSP 7/8" - 14	121,50	150	36	22	18,0	28,30
BSP 1" - 11	140,16	160	36	25	20,0	30,80
BSP 1.1/8" - 11	214,68	170	40	28	22,0	35,50
BSP 1.3/8" - 11	340,21	180	40	36	29,0	42,00



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BSP-GAS



APLICACIONES

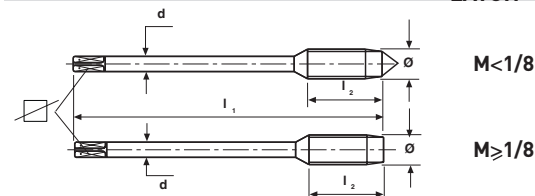
I IV V VI

ACEROS < 700 N/mm²
 FUNDICIÓN < 800 N/mm²
 ALUMINIO < 610 N/mm²
 LATON < 500 N/mm²

Roscado a Máquina

>7/8" = HSS

- . Profundidad de roscado hasta 2,5 X Ø.



Ø	ε	l ₁	l ₂	d	∇	∫
BSP 1/8" - 28	26,68	90	12	7	5,5	5,5
BSP 1/4" - 19	38,32	100	16	11	9	9
BSP 3/8" - 19	45,76	100	18	12	9	9
BSP 1/2" - 14	57,72	125	20	16	12	12
BSP 5/8" - 14	71,85	125	20	18	14,5	14,5
BSP 3/4" - 14	90,33	140	22	20	16	16

Ø	ε	l ₁	l ₂	d	∇	∫
BSP 7/8" - 14	121,50	150	22	22	18	18
BSP 1" - 11	140,16	160	25	25	20	20
BSP 1.1/8" - 11	214,68	170	36	28	22	22
BSP 1.3/8" - 11	340,21	180	40	36	29	29
BSP 1.1/2" - 11	437,27	190	40	36	29	29