



**452 101 HSS | DIN 352 | 2B**



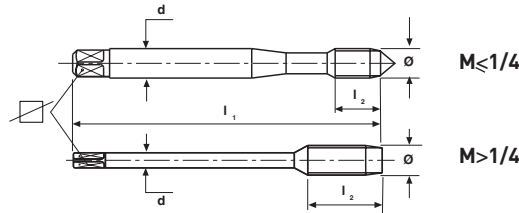
APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>  
 FUNDICIÓN < 800 N/mm<sup>2</sup>  
 ALUMINIO < 610 N/mm<sup>2</sup>  
 LATON < 500 N/mm<sup>2</sup>

Roscado Manual

. Agujeros ciegos hasta 3 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 2 -56	42,27	36	10	2,8	2,1	1,80
UNC 4 -40	36,16	40	11	3,5	2,7	2,30
UNC 5 -40	34,56	40	11	3,5	2,7	2,60
UNC 6 -32	34,56	45	13	4	3	2,85
UNC 8 -32	34,56	45	13	4,5	3,4	3,50
UNC 10 -24	34,56	50	16	6	4,9	3,90
UNC 1/4"-20	29,06	56	19	6	4,9	5,10

Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 5/16"-18	33,27	63	25	6	4,9	6,50
UNC 3/8"-16	37,55	70	25	7	5,5	7,90
UNC 7/16"-14	48,90	75	30	8	6,2	9,25
UNC 1/2"-13	56,24	80	32	9	7	10,50
UNC 5/8"-11	91,59	90	36	12	9	13,50
UNC 3/4"-10	124,73	105	40	14	11	16,50



**452 102 HSS | DIN 2181 | 2B**



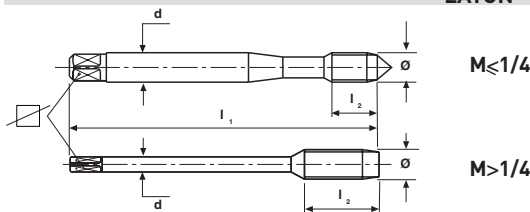
APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>  
 FUNDICIÓN < 800 N/mm<sup>2</sup>  
 ALUMINIO < 610 N/mm<sup>2</sup>  
 LATON < 500 N/mm<sup>2</sup>

Roscado Manual

. Agujeros ciegos hasta 3 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 2 - 64	39,76	36	10	2,80	2,10	1,80
UNF 3 - 56	39,76	40	11	3,50	2,70	2,10
UNF 4 - 48	27,47	40	11	3,50	2,70	2,40
UNF 6 - 40	26,24	45	13	4,00	3,00	3,00
UNF 10 - 32	26,24	50	16	6,00	4,90	4,10
UNF 12 - 28	27,47	50	16	6,00	4,90	4,70
UNF 1/4"-28	19,64	56	19	6,00	4,90	5,50
UNF 5/16"-24	21,47	63	25	6,00	4,90	6,90

Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 3/8"-24	24,31	70	25	7,00	5,50	8,50
UNF 7/16"-20	32,28	75	30	8,00	6,20	9,90
UNF 1/2"-20	33,01	80	32	9,00	7,00	11,50
UNF 9/16"-18	43,00	80	32	11,00	9,00	12,90
UNF 5/8"-18	55,53	90	32	12,00	9,00	14,50
UNF 3/4"-16	74,62	105	35	14,00	11,00	17,50
UNF 7/8"-14	95,89	110	35	18,00	14,50	20,50



**452 101 HSS | DIN 352 | 2B**



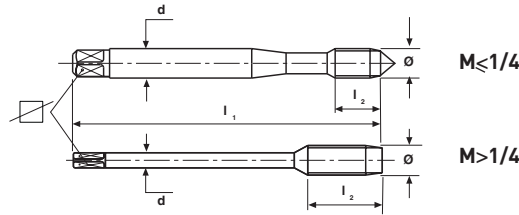
APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>  
 FUNDICIÓN < 800 N/mm<sup>2</sup>  
 ALUMINIO < 610 N/mm<sup>2</sup>  
 LATON < 500 N/mm<sup>2</sup>

**Roscado Manual**

. Agujeros ciegos hasta 3 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 2 -56	42,27	36	10	2,8	2,1	1,80
UNC 4 -40	36,16	40	11	3,5	2,7	2,30
UNC 5 -40	34,56	40	11	3,5	2,7	2,60
UNC 6 -32	34,56	45	13	4	3	2,85
UNC 8 -32	34,56	45	13	4,5	3,4	3,50
UNC 10 -24	34,56	50	16	6	4,9	3,90
UNC 1/4"-20	29,06	56	19	6	4,9	5,10

Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 5/16"-18	33,27	63	25	6	4,9	6,50
UNC 3/8"-16	37,55	70	25	7	5,5	7,90
UNC 7/16"-14	48,90	75	30	8	6,2	9,25
UNC 1/2"-13	56,24	80	32	9	7	10,50
UNC 5/8"-11	91,59	90	36	12	9	13,50
UNC 3/4"-10	124,73	105	40	14	11	16,50



**452 102 HSS | DIN 2181 | 2B**



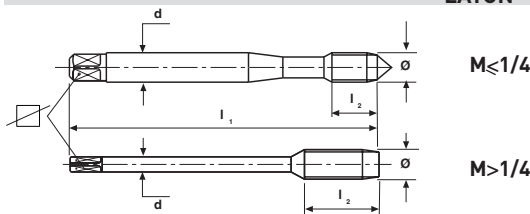
APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>  
 FUNDICIÓN < 800 N/mm<sup>2</sup>  
 ALUMINIO < 610 N/mm<sup>2</sup>  
 LATON < 500 N/mm<sup>2</sup>

**Roscado Manual**

. Agujeros ciegos hasta 3 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 2 - 64	39,76	36	10	2,80	2,10	1,80
UNF 3 - 56	39,76	40	11	3,50	2,70	2,10
UNF 4 - 48	27,47	40	11	3,50	2,70	2,40
UNF 6 - 40	26,24	45	13	4,00	3,00	3,00
UNF 10 - 32	26,24	50	16	6,00	4,90	4,10
UNF 12 - 28	27,47	50	16	6,00	4,90	4,70
UNF 1/4"-28	19,64	56	19	6,00	4,90	5,50
UNF 5/16"-24	21,47	63	25	6,00	4,90	6,90

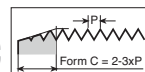
Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 3/8"-24	24,31	70	25	7,00	5,50	8,50
UNF 7/16"-20	32,28	75	30	8,00	6,20	9,90
UNF 1/2"-20	33,01	80	32	9,00	7,00	11,50
UNF 9/16"-18	43,00	80	32	11,00	9,00	12,90
UNF 5/8"-18	55,53	90	32	12,00	9,00	14,50
UNF 3/4"-16	74,62	105	35	14,00	11,00	17,50
UNF 7/8"-14	95,89	110	35	18,00	14,50	20,50

# Machos Taps • Tarauds



462 201 HSS E | DIN 371 | 2B

UNC



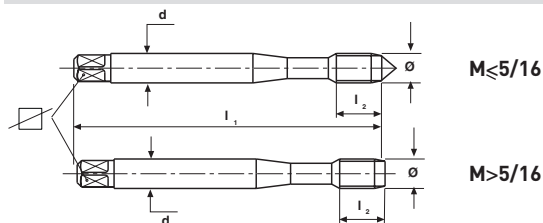
## APLICACIONES



ACEROS < 950 N/mm<sup>2</sup>  
LATON < 500 N/mm<sup>2</sup>

### Roscado a Máquina

- . En agujeros ciegos hasta 1,5 X Ø.
- . Mayor rigidez de roscado.



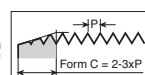
Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 4 - 40	15,57	56	11	3,5	2,7	2,30
UNC 5 - 40	15,57	56	11	3,5	2,7	2,60
UNC 6 - 32	14,83	56	11	4	3	2,85
UNC 8 - 32	14,83	63	12	4,5	3,4	3,50
UNC 10 - 24	15,57	70	14	6	4,9	3,90

Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNC 12 - 24	16,33	80	16	6	4,9	4,50
UNC 1/4" - 20	15,23	80	16	7	5,5	5,10
UNC 5/16" - 18	20,10	90	18	8	6,2	6,50
UNC 3/8" - 16	19,64	90	18	9	7	7,90



462 201 HSS E | DIN 371 | 2B

UNF



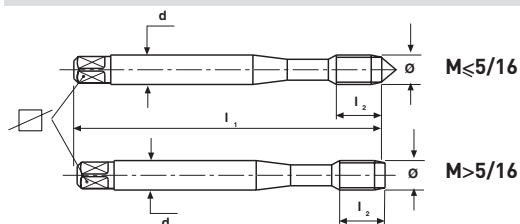
## APLICACIONES



ACEROS < 950 N/mm<sup>2</sup>  
LATON < 500 N/mm<sup>2</sup>

### Roscado a Máquina

- . En agujeros ciegos hasta 1,5 X Ø.
- . Mayor rigidez de roscado.



Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 4 - 48	18,07	56	11	3,50	2,70	6,50
UNF 5 - 44	18,07	56	11	3,50	2,70	9,25
UNF 6 - 40	17,33	56	11	4,00	3,00	10,50
UNF 8 - 36	17,33	63	12	4,50	3,40	12,00

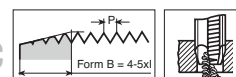
Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠
UNF 10 - 32	17,33	70	14	6,00	4,90	13,50
UNF 12 - 28	18,07	80	16	6,00	4,90	16,50
UNF 1/4" - 28	14,43	80	16	7,00	5,50	19,25
UNF 5/16" - 24	16,61	90	18	8,00	6,20	22,00

# Machos Taps • Tarauds



462 202 HSS E | DIN 371 | 2B

UNC



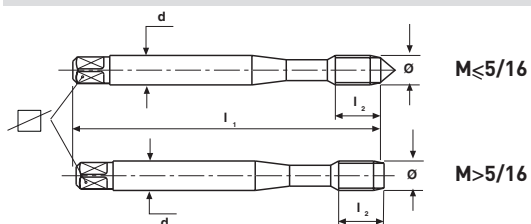
## APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>

### Roscado a Maquina

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



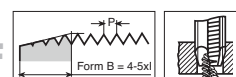
Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	∇	∇
UNC 4 - 40	19,57	56	11	3,50	2,70	2,30
UNC 5 - 40	19,57	56	11	3,50	2,70	2,60
UNC 6 - 32	18,66	56	11	4,00	3,00	2,85
UNC 8 - 32	18,66	63	12	4,50	3,40	3,50
UNC 10 - 24	19,57	70	14	6,00	4,90	3,90

Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	∇	∇
UNC 12 - 24	18,81	80	16	6,00	4,90	4,50
UNC 1/4" - 20	17,39	80	16	6,00	4,90	5,10
UNC 5/16 - 18	19,90	90	18	8,00	6,20	6,50
UNC 3/8" - 16	22,57	90	18	7,00	5,50	7,90



462 202 HSS E | DIN 371 | 2B

UNF



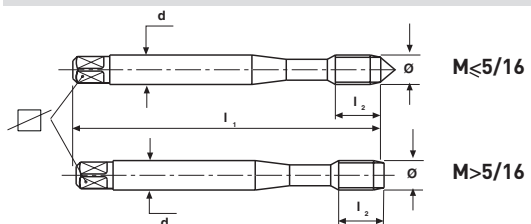
## APLICACIONES



ACEROS < 700 N/mm<sup>2</sup>

### Roscado a Maquina

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



Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	∇	∇
UNF 4 - 48	20,49	56	11	3,50	2,70	2,40
UNF 5 - 44	20,49	56	11	3,50	2,70	2,70
UNF 6 - 40	19,55	56	11	4,00	3,00	3,00
UNF 8 - 36	19,55	63	12	4,50	3,40	3,50
UNF 10 - 32	19,55	70	14	6,00	4,90	4,10

Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	∇	∇
UNF 12 - 28	20,49	80	14	6,00	4,90	4,70
UNF 1/4" - 28	16,68	80	16	7,00	5,50	5,50
UNF 5/16" - 24	18,29	90	18	8,00	6,20	6,90
UNF 3/8 - 24	21,72	90	18	9,00	7,00	8,50

# Machos Taps • Tarauds



**462 205 HSS E | DIN 371 | 2B**

**UNC**



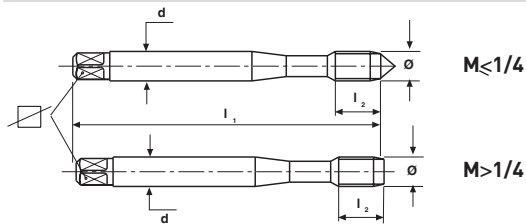
## APLICACIONES



**ACEROS < 950 N/mm<sup>2</sup>**

### Roscado a Máquina

. Profundidad de roscado hasta 2,5 X Ø.



Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNC 4 - 40	<b>22,33</b>	56	5	3,50	2,70	2,30
UNC 5 - 40	<b>22,33</b>	56	5	3,50	2,70	2,60
UNC 6 - 32	<b>21,29</b>	56	7	4,00	3,00	2,85
UNC 8 - 32	<b>21,29</b>	63	7	4,50	3,40	3,50
UNC 10 - 24	<b>22,33</b>	70	9	6,00	4,90	3,90

Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNC 12 - 24	<b>21,46</b>	80	10	6,00	4,90	4,50
UNC 1/4" - 20	<b>20,08</b>	80	12	7,00	5,50	5,10
UNC 5/16" - 18	<b>22,64</b>	90	12	8,00	6,20	6,50
UNC 3/8" - 16	<b>25,34</b>	90	14	9,00	7,00	7,90



**462 205 HSS E | DIN 371 | 2B**

**UNF**



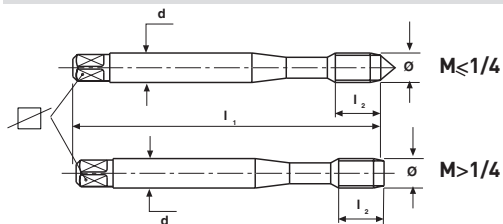
## APLICACIONES



**ACEROS < 950 N/mm<sup>2</sup>**

### Roscado a Máquina

. Profundidad de roscado hasta 2,5 X Ø.



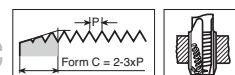
Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNF 4 - 48	<b>25,92</b>	56	5	3,50	2,70	2,40
UNF 5 - 44	<b>25,92</b>	56	5	3,50	2,70	2,70
UNF 6 - 40	<b>26,41</b>	56	6	4,00	3,00	3,00
UNF 8 - 36	<b>26,41</b>	63	7	4,50	3,40	3,50
UNF 10 - 32	<b>26,41</b>	70	9	6,00	4,90	4,10

Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNF 12 - 28	<b>25,92</b>	80	10	6,00	4,90	4,70
UNF 1/4" - 28	<b>18,90</b>	80	10	7,00	5,50	5,50
UNF 5/16" - 24	<b>21,79</b>	90	12	8,00	6,20	6,90
UNF 3/8" - 24	<b>25,09</b>	90	14	9,00	7,00	8,50



**462 301 HSS E | DIN 376 | 2B**

UNC



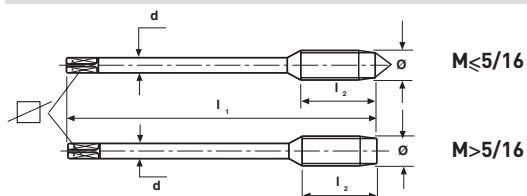
**APLICACIONES**



ACEROS < 950 N/mm<sup>2</sup>  
LATON < 500 N/mm<sup>2</sup>

**Roscado a Máquina**

- . En agujeros ciegos hasta 1,5 X Ø.
- . Mayor rigidez de roscado.



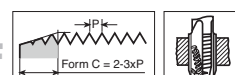
Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∇	∫
UNC 5/16" - 18	<b>18,77</b>	90	18	6	4,9	2,40
UNC 7/16" - 14	<b>27,02</b>	100	22	8	6,2	2,70
UNC 1/2" - 13	<b>27,27</b>	110	25	9	7,0	3,00
UNC 9/16" - 12	<b>40,33</b>	110	25	11	9,0	3,50

Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∇	∫
UNC 5/8" - 11	<b>39,19</b>	110	28	12	9	4,10
UNC 3/4" - 10	<b>51,87</b>	125	32	14	11	4,70
UNC 7/8" - 9	<b>68,26</b>	140	32	18	14,5	5,50
UNC 1" - 8	<b>90,20</b>	160	36	20	16	6,90



**462 301 HSS E | DIN 376 | 2B**

UNF



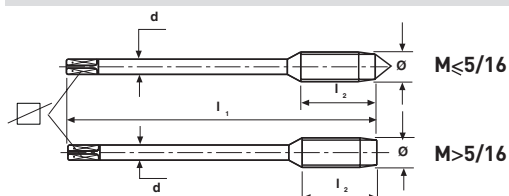
**APLICACIONES**



ACEROS < 950 N/mm<sup>2</sup>  
LATON < 500 N/mm<sup>2</sup>

**Roscado a Máquina**

- . En agujeros ciegos hasta 1,5 X Ø.
- . Mayor rigidez de roscado.



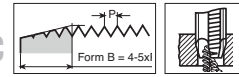
Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∇	∫
UNF 1/4" - 28	<b>15,74</b>	80	16	4,50	3,40	5,50
UNF 5/16 - 24	<b>18,67</b>	90	18	6,00	4,90	6,90
UNF 7/16" - 20	<b>24,54</b>	100	22	8,00	6,20	9,90
UNF 1/2" - 20	<b>28,75</b>	110	25	9,00	7,00	11,50
UNF 9/16" - 18	<b>35,32</b>	110	25	11,00	9,00	12,90

Ø	e	l <sub>1</sub>	l <sub>2</sub>	d	∇	∫
UNF 5/8" - 18	<b>39,73</b>	110	28	12,00	9,00	14,50
UNF 3/4" - 16	<b>50,90</b>	125	32	14,00	11,00	17,50
UNF 7/8" - 14	<b>64,02</b>	140	32	18,00	14,50	20,50
UNF 1" - 12	<b>83,87</b>	160	36	20,00	16,00	23,25



**462 302 HSS E | DIN 376 | 2B**

**UNC**

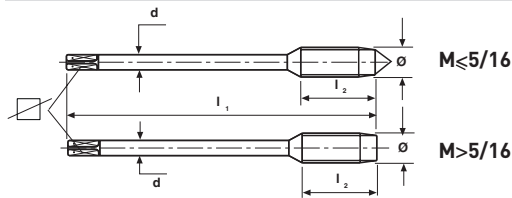


**APLICACIONES**

**I** **ACEROS < 700 N/mm<sup>2</sup>**

**Roscado a Máquina**

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



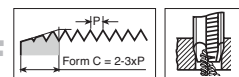
Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNC 1/4" - 20	<b>20,01</b>	80	16	4,50	3,40	5,10
UNC 5/16" - 18	<b>22,85</b>	90	18	6,00	4,90	6,50
UNC 3/8" - 16	<b>25,96</b>	90	18	7,00	5,50	7,90
UNC 7/16" - 14	<b>31,05</b>	100	22	8,00	6,20	9,25
UNC 1/2" - 13	<b>34,05</b>	110	25	9,00	7,00	10,50

Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNC 9/16" - 12	<b>46,39</b>	110	25	9,00	9,00	12,00
UNC 5/8" - 11	<b>45,18</b>	110	28	9,00	9,00	13,50
UNC 3/4" - 10	<b>59,75</b>	125	32	11,00	11,00	16,50
UNC 7/8" - 9	<b>78,55</b>	140	32	14,50	14,50	19,25
UNC 1" - 8	<b>104,22</b>	160	36	16,00	16,00	22,00



**462 302 HSS E | DIN 376 | 2B**

**UNF**

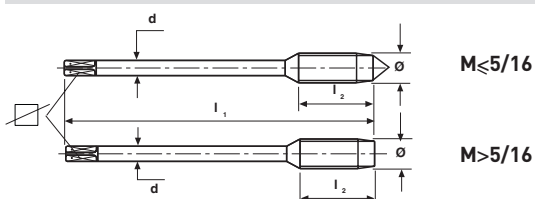


**APLICACIONES**

**I** **ACEROS < 700 N/mm<sup>2</sup>**

**Roscado a Máquina**

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



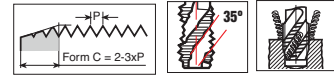
Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNF 1/4" - 28	<b>17,10</b>	80	16	4,50	3,40	5,50
UNF 5/16" - 24	<b>19,65</b>	90	18	6,00	4,90	6,90
UNF 3/8" - 24	<b>22,64</b>	90	18	7,00	6,20	8,50
UNF 7/16" - 20	<b>26,63</b>	100	22	8,00	7,00	9,90
UNF 1/2" - 20	<b>28,34</b>	110	25	9,00	9,00	11,50

Ø	€	l <sub>1</sub>	l <sub>2</sub>	d	Ø	Ø
UNF 9/16" - 18	<b>34,82</b>	110	25	11,00	9,00	12,90
UNF 5/8" - 18	<b>39,16</b>	110	28	12,00	9,00	14,50
UNF 3/4" - 16	<b>50,18</b>	125	32	14,00	11,00	17,50
UNF 7/8" - 14	<b>63,10</b>	140	32	18,00	14,50	20,50
UNF 1" - 12	<b>82,68</b>	160	36	20,00	16,00	23,25



**462 305 HSS E | DIN 376 | 2B**

**UNC**



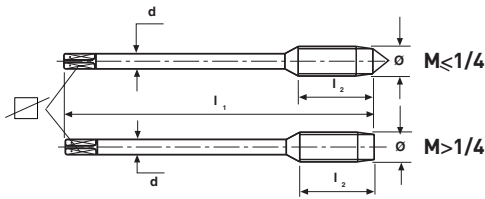
**APLICACIONES**



**ACEROS < 950 N/mm<sup>2</sup>**

**Roscado a Máquina**

. Profundidad de roscado hasta 2,5 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠ <sub>2</sub>
UNC 1/4" - 20	<b>23,06</b>	80	12	4,50	3,40	5,10
UNC 5/16" - 18	<b>23,35</b>	90	12	6,00	4,90	6,50
UNC 3/8" - 16	<b>29,15</b>	90	12	7,00	5,50	7,90
UNC 7/16" - 14	<b>35,53</b>	100	14	8,00	6,20	9,25
UNC 1/2" - 13	<b>38,87</b>	110	16	9,00	7,00	10,50

Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠ <sub>2</sub>
UNC 9/16" - 12	<b>52,77</b>	110	18	9,00	9,00	12,00
UNC 5/8" - 11	<b>51,33</b>	110	20	9,00	9,00	13,50
UNC 3/4" - 10	<b>67,99</b>	125	25	11,00	11,00	16,50
UNC 7/8" - 9	<b>106,39</b>	140	25	14,50	14,50	19,25
UNC 1" - 8	<b>133,45</b>	160	30	16,00	16,00	22,00



**462 305 HSS E | DIN 376 | 2B**

**UNF**



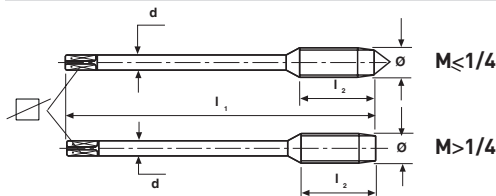
**APLICACIONES**



**ACEROS < 950 N/mm<sup>2</sup>**

**Roscado a Máquina**

. Profundidad de roscado hasta 2,5 X Ø.



Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠ <sub>2</sub>
UNF 1/4" - 28	<b>20,63</b>	80	12	4,50	3,40	5,50
UNF 3/8" - 24	<b>27,36</b>	80	12	7,00	5,50	8,50
UNF 1/2" - 20	<b>34,23</b>	110	16	9,00	7,00	11,50
UNF 9/16" - 18	<b>42,39</b>	110	18	11,00	9,00	12,90

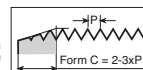
Ø	ε	l <sub>1</sub>	l <sub>2</sub>	d	∠	∠ <sub>2</sub>
UNF 5/8" - 18	<b>47,34</b>	110	18	12,00	9,00	14,50
UNF 3/4" - 16	<b>60,57</b>	125	18	14,00	11,00	17,50
UNF 7/8" - 14	<b>92,64</b>	140	25	18,00	14,50	20,50
UNF 1" - 12	<b>114,04</b>	160	30	20,00	16,00	23,25

# Machos Taps • Tarauds



**472 401 HSS E | NORMA FABRICA | 2B**

**UNC**



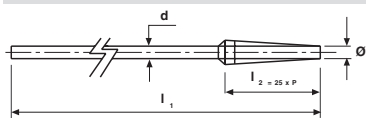
## APLICACIONES

**I**

ACEROS < 700 N/mm<sup>2</sup>

**Roscado a Máquina**

. Para tuercas



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

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



**453 102 HSS | DIN 5157**

**BSP**



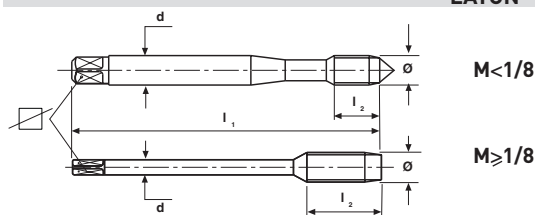
## APLICACIONES

**I IV V VI**

ACEROS < 700 N/mm<sup>2</sup>  
 FUNDICIÓN < 800 N/mm<sup>2</sup>  
 ALUMINIO < 610 N/mm<sup>2</sup>  
 LATÓN < 500 N/mm<sup>2</sup>

**Roscado Manual**

. En agujeros ciegos hasta 3 X Ø.



M < 1/8

M ≥ 1/8

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

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