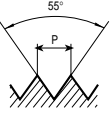
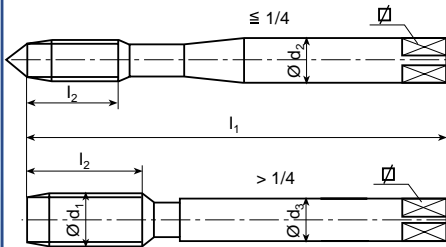

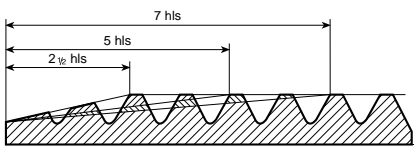
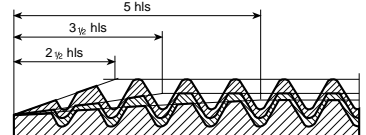



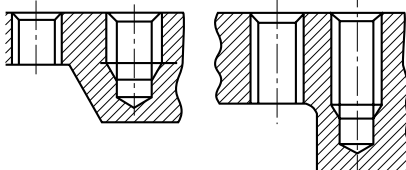
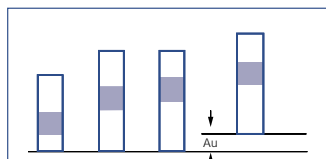
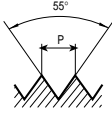
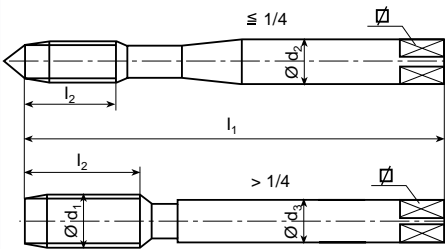

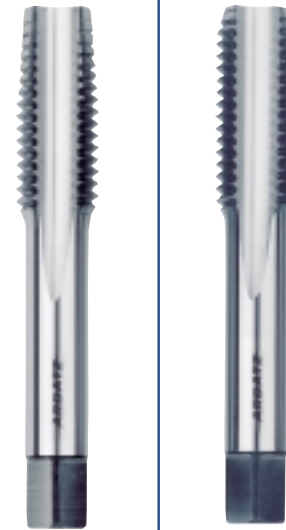
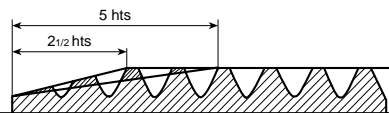
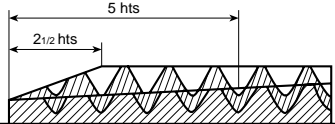
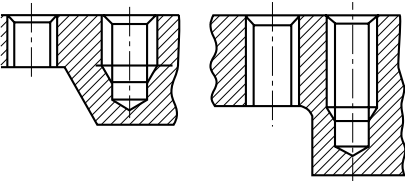
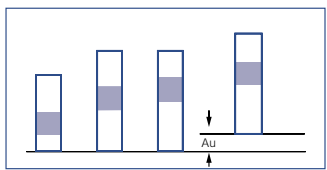


**JUEGOS DE MACHOS A MANO / HAND TAP SETS / JEUX DE TARAUDS À MAIN**

<b>W</b> (BSW)	DIN 11 ROSCA THREAD FILETAGE WHITWORTH		STANDARD								
			101	111	121	131					
			HSS								
			9511011	9511111	9511211	9511311					
											
<p>HASTA 9/16 PERFIL COMPLETO UP TO 9/16 FULL PROFILE JUSQU'À 9/16 PROFIL COMPLET</p> 			<p>JUEGO DE TRES PIEZAS SET OF THREE TAPS • JEU À TROIS PIÈCES</p> <p>N° 1      N° 2      N° 3</p>								
<p>MAYORES 9/16 PERFIL ESCALONADO LARGER THAN 9/16 STEPPED PROFILE PLUS GRANDS QUE 9/16 PROFIL ÉCHELONNÉ</p> 			<b>d1</b> Fracc. Pul.	<b>P</b> hls/p	<b>d1</b> mm	<b>l1</b> m/m	<b>l2</b> m/m	<b>d2</b> mm	 mm		
<p>TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU</p> 			<b>W 1/8</b>	40	3,175	40	11	3,50	2,70	2,55	2
<p>TOLERANCIAS • TOLERANCES • TOLERANCES</p> 			<b>W 5/32</b>	32	3,969	45	13	4,50	3,40	3,20	5
			<b>W 3/16</b>	24	4,762	50	16	6,00	4,90	3,70	8
			<b>W 7/32</b>	24	5,556	50	18	6,00	4,90	4,50	10
			<b>W 1/4</b>	20	6,350	50	18	6,00	4,90	5,10	10
			<b>W 5/16</b>	18	7,938	56	22	6,00	4,90	6,50	15
			<b>W 3/8</b>	16	9,525	70	24	7,00	5,50	7,90	20
			<b>W 7/16</b>	14	11,113	75	30	8,00	6,20	9,25	30
			<b>W 1/2</b>	12	12,700	80	32	9,00	7,00	10,50	40
			<b>W 9/16</b>	12	14,288	80	32	11,00	9,00	12,00	50
			<b>W 5/8</b>	11	15,876	90	36	12,00	9,00	13,50	65
			<b>W 3/4</b>	10	19,051	105	40	14,00	11,00	16,50	100
			<b>W 7/8</b>	9	22,226	110	45	18,00	14,50	19,25	175
			<b>W 1"</b>	8	25,400	110	50	20,00	16,00	22,00	250
			<b>W 1.1/8"</b>	7	28,576	125	50	22,00	18,00	24,75	345
			<b>W 1.1/4"</b>	7	31,751	125	56	25,00	20,00	27,75	430
			<b>W 1.3/8"</b>	6	34,926	150	63	28,00	22,00	30,50	650
			<b>W 1.1/2"</b>	6	38,101	150	63	28,00	22,00	33,50	750
			<b>W 1.5/8"</b>	5	41,277	150	63	32,00	24,00	35,50	970
<b>W 1.3/4"</b>	5	44,452	160	70	36,00	29,00	39,00	1163			
<b>W 1.7/8"</b>	4,5	47,627	180	75	36,00	29,00	41,50	1630			
<b>W 2"</b>	4,5	50,800	180	75	40,00	32,00	44,50	1875			

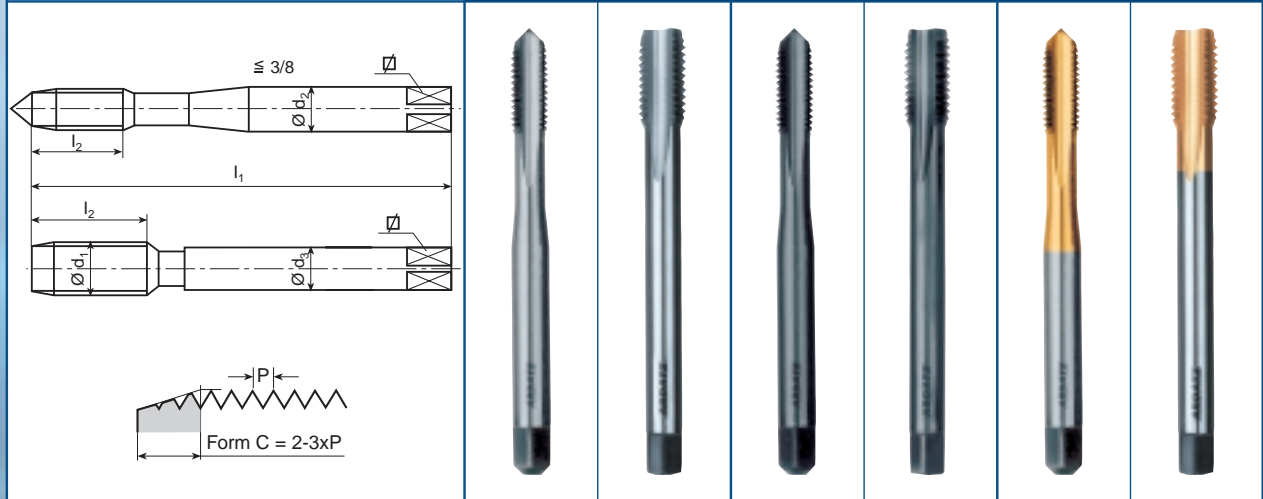
**JUEGOS DE MACHOS A MANO / HAND TAP SETS / JEUX DE TARAUDS À MAIN**

<p><b>BSF</b></p> <p><b>DIN 11</b> ROSCA THREAD FILETAGE WHITWORTH</p> 	<b>STANDARD</b>																																																																																																					
	<b>102</b>	<b>112</b>	<b>132</b>																																																																																																			
<b>HSS</b>																																																																																																						
9511021		9511121																																																																																																				
9511321																																																																																																						
																																																																																																						
<p><b>HASTA 9/16 PERFIL COMPLETO UP TO 9/16 FULL PROFILE JUSQU'À 9/16 PROFIL COMPLET</b></p> 	<p><b>JUEGO DE DOS PIEZAS SET OF TWO TAPS • JEU À DEUX PIÈCES</b></p> <p style="text-align: center;"><b>N° 1</b>                      <b>N° 3</b></p>																																																																																																					
<p><b>MAYORES 9/16 PERFIL ESCALONADO LARGER THAN 9/16 STEPPED PROFILE PLUS GRANDS QUE 9/16 PROFIL ÉCHELONNÉ</b></p> 	<table border="1"> <thead> <tr> <th>d1 Fracc. Pul.</th> <th>P hls/p</th> <th>d1 mm</th> <th>l1 m/m</th> <th>l2 m/m</th> <th>d2 mm</th> <th>mm</th> <th>mm</th> <th>mm</th> </tr> </thead> <tbody> <tr><td>1/4</td><td>26</td><td>6,350</td><td>56</td><td>22</td><td>6,00</td><td>4,90</td><td>5,30</td><td>9</td></tr> <tr><td>5/16</td><td>22</td><td>7,938</td><td>63</td><td>25</td><td>6,00</td><td>4,90</td><td>6,80</td><td>18</td></tr> <tr><td>3/8</td><td>20</td><td>9,525</td><td>70</td><td>24</td><td>7,00</td><td>5,50</td><td>8,30</td><td>25</td></tr> <tr><td>7/16</td><td>18</td><td>11,113</td><td>75</td><td>30</td><td>8,00</td><td>6,20</td><td>9,70</td><td>38</td></tr> <tr><td>1/2</td><td>16</td><td>12,700</td><td>80</td><td>32</td><td>9,00</td><td>7,00</td><td>11,10</td><td>55</td></tr> <tr><td>9/16</td><td>16</td><td>14,288</td><td>80</td><td>32</td><td>11,00</td><td>9,00</td><td>12,70</td><td>80</td></tr> <tr><td>5/8</td><td>14</td><td>15,876</td><td>90</td><td>36</td><td>12,00</td><td>9,00</td><td>14,00</td><td>90</td></tr> <tr><td>3/4</td><td>12</td><td>19,051</td><td>105</td><td>40</td><td>14,00</td><td>11,00</td><td>16,75</td><td>140</td></tr> <tr><td>7/8</td><td>11</td><td>22,226</td><td>110</td><td>45</td><td>18,00</td><td>14,50</td><td>19,75</td><td>260</td></tr> <tr><td>1"</td><td>10</td><td>25,400</td><td>110</td><td>50</td><td>20,00</td><td>16,00</td><td>22,75</td><td>370</td></tr> </tbody> </table>			d1 Fracc. Pul.	P hls/p	d1 mm	l1 m/m	l2 m/m	d2 mm	mm	mm	mm	1/4	26	6,350	56	22	6,00	4,90	5,30	9	5/16	22	7,938	63	25	6,00	4,90	6,80	18	3/8	20	9,525	70	24	7,00	5,50	8,30	25	7/16	18	11,113	75	30	8,00	6,20	9,70	38	1/2	16	12,700	80	32	9,00	7,00	11,10	55	9/16	16	14,288	80	32	11,00	9,00	12,70	80	5/8	14	15,876	90	36	12,00	9,00	14,00	90	3/4	12	19,051	105	40	14,00	11,00	16,75	140	7/8	11	22,226	110	45	18,00	14,50	19,75	260	1"	10	25,400	110	50	20,00	16,00	22,75	370
d1 Fracc. Pul.	P hls/p	d1 mm	l1 m/m	l2 m/m	d2 mm	mm	mm	mm																																																																																														
1/4	26	6,350	56	22	6,00	4,90	5,30	9																																																																																														
5/16	22	7,938	63	25	6,00	4,90	6,80	18																																																																																														
3/8	20	9,525	70	24	7,00	5,50	8,30	25																																																																																														
7/16	18	11,113	75	30	8,00	6,20	9,70	38																																																																																														
1/2	16	12,700	80	32	9,00	7,00	11,10	55																																																																																														
9/16	16	14,288	80	32	11,00	9,00	12,70	80																																																																																														
5/8	14	15,876	90	36	12,00	9,00	14,00	90																																																																																														
3/4	12	19,051	105	40	14,00	11,00	16,75	140																																																																																														
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<p><b>TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU</b></p> 																																																																																																						
<p><b>TOLERANCIAS • TOLERANCES • TOLERANCES</b></p> 																																																																																																						

**BSW**

<p><b>BSW</b> <b>BSF</b></p> <p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH - WHIT. FINE</p>		<p><b>CLASE / CLASS HSSE</b></p>	
		<p><b>ESTRIAS RECTAS STRAIGHT FLUTES GOUJURES DROITES</b></p>	

<p>ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE</p>	B		U		TIN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	201	301	040	050	291	391
	9612011	9613011	9610401	9610501	9612911	9613911



<p>TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU</p>	BSW	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
					d2 mm	∇ mm	d3 mm	∇ mm			
	W 1/8	40	3,175	56	11	3,50 2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50 3,40	2,80 2,10	3,20	5	3	
	W 3/16	24	4,762	70	14	6,00 4,90	3,20 2,40	3,70	9	5	
	W 7/32	24	5,556	80	14	6,00 4,90	4,50 3,40	4,50	14	9	
	W 1/4	20	6,350	80	16	7,00 5,50	4,50 3,40	5,10	17	15	
	W 5/16	18	7,938	90	18	8,00 6,20	6,00 4,90	6,50	28	20	
	W 3/8	16	9,525	90	18	9,00 7,00	7,00 5,50	7,90	41	25	
	W 7/16	14	11,113	100	22		8,00 6,20	9,25		38	
	W 1/2	12	12,700	110	25		9,00 7,00	10,50		55	
	W 9/16	12	14,288	110	25		11,00 9,00	12,00		80	
	W 5/8	11	15,876	110	28		12,00 9,00	13,50		90	
	W 3/4	10	19,051	125	32		14,00 11,00	16,50		140	
	W 7/8	9	22,226	140	32		18,00 14,50	19,25		260	
	W 1"	8	25,400	160	36		20,00 16,00	22,00		370	
	W 1 1/8	7	28,576	180	40		22,00 18,00	24,75		500	
	W 1 1/4	7	31,751	180	40		25,00 20,00	27,75		640	
	W 1 3/8	6	34,926	200	45		28,00 22,00	30,50		880	
	W 1 1/2	6	38,100	200	45		28,00 22,00	33,50		1140	
	W 1 5/8	5	41,277	220	56		32,00 24,00	35,50		1450	
	W 1 3/4	5	44,452	220	56		36,00 29,00	39,00		1730	
	W 1 7/8	4,5	47,627	250	63		36,00 29,00	41,50		2000	
	W 2"	4,5	50,800	250	63		40,00 32,00	44,50		2350	

<p>OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE</p>	BSF	d1 m/m	l1 m/m	l2 m/m	d2		d3			371 	376 
					mm	∇ mm	mm	∇ mm			
	1/4	26	6,350	80	16	7,00 5,50	4,50 3,40	5,30	17	9	
	5/16	22	7,938	90	18	8,00 6,20	6,00 4,50	6,80	28	18	
	3/8	20	9,525	90	18	9,00 7,00	7,00 5,50	8,30	41	25	
	7/16	18	11,113	100	22		8,00 6,20	9,70		38	
	1/2	16	12,700	110	25		9,00 7,00	11,10		55	
	9/16	16	14,288	110	25		11,00 9,00	12,70		80	
	5/8	14	15,876	110	28		12,00 9,00	14,00		90	
	3/4	12	19,051	125	32		14,00 11,00	16,75		140	
	7/8	11	22,226	140	32		18,00 14,50	19,75		260	
	1"	10	25,400	160	36		20,00 16,00	22,75		370	

**CALIDAD • QUALITY • QUALITE**

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

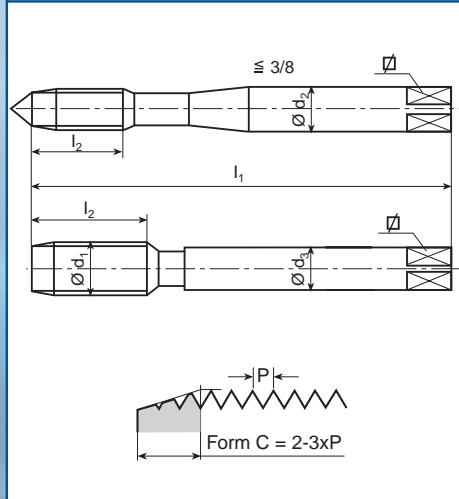
For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut vérifier systématiquement les trous taraudés

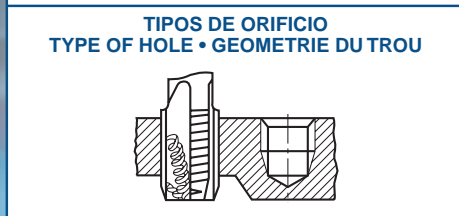
<p>OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE</p>	BSF	d1 m/m	l1 m/m	l2 m/m	d2		d3			371 	376 
					mm	∇ mm	mm	∇ mm			
	1/4	26	6,350	80	16	7,00 5,50	4,50 3,40	5,30	17	9	
	5/16	22	7,938	90	18	8,00 6,20	6,00 4,50	6,80	28	18	
	3/8	20	9,525	90	18	9,00 7,00	7,00 5,50	8,30	41	25	
	7/16	18	11,113	100	22		8,00 6,20	9,70		38	
	1/2	16	12,700	110	25		9,00 7,00	11,10		55	
	9/16	16	14,288	110	25		11,00 9,00	12,70		80	
	5/8	14	15,876	110	28		12,00 9,00	14,00		90	
	3/4	12	19,051	125	32		14,00 11,00	16,75		140	
	7/8	11	22,226	140	32		18,00 14,50	19,75		260	
	1"	10	25,400	160	36		20,00 16,00	22,75		370	

<p><b>BSW</b> <b>BSF</b></p> <p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH - WHIT. FINE</p>		<p><b>CLASE / CLASS HSSE</b></p>	
		<p><b>ESTRIAS RECTAS STRAIGHT FLUTES GOUJURES DROITES</b></p>	

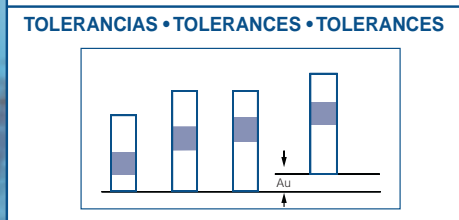
<p>ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE</p>	B		U		TIN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	201	301	040	050	291	391
	9612011	9613011	9610401	9610501	9612911	9613911



Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)						
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BSW	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
				d2 mm	 mm	d3 mm	 mm			
W 1/8	40	3,175	56	11	3,50 2,70	2,20	-	2,55	2	2
W 5/32	32	3,969	63	12	4,50 3,40	2,80 2,10	3,20	5	3	
W 3/16	24	4,762	70	14	6,00 4,90	3,20 2,40	3,70	9	5	
W 7/32	24	5,556	80	14	6,00 4,90	4,50 3,40	4,50	14	9	
W 1/4	20	6,350	80	16	7,00 5,50	4,50 3,40	5,10	17	15	
W 5/16	18	7,938	90	18	8,00 6,20	6,00 4,90	6,50	28	20	
W 3/8	16	9,525	90	18	9,00 7,00	7,00 5,50	7,90	41	25	
W 7/16	14	11,113	100	22		8,00 6,20	9,25		38	
W 1/2	12	12,700	110	25		9,00 7,00	10,50		55	
W 9/16	12	14,288	110	25		11,00 9,00	12,00		80	
W 5/8	11	15,876	110	28		12,00 9,00	13,50		90	
W 3/4	10	19,051	125	32		14,00 11,00	16,50		140	
W 7/8	9	22,226	140	32		18,00 14,50	19,25		260	
W 1"	8	25,400	160	36		20,00 16,00	22,00		370	
W 1 1/8	7	28,576	180	40		22,00 18,00	24,75		500	
W 1 1/4	7	31,751	180	40		25,00 20,00	27,75		640	
W 1 3/8	6	34,926	200	45		28,00 22,00	30,50		880	
W 1 1/2	6	38,100	200	45		28,00 22,00	33,50		1140	
W 1 5/8	5	41,277	220	56		32,00 24,00	35,50		1450	
W 1 3/4	5	44,452	220	56		36,00 29,00	39,00		1730	
W 1 7/8	4,5	47,627	250	63		36,00 29,00	41,50		2000	
W 2"	4,5	50,800	250	63		40,00 32,00	44,50		2350	



**RECUBRIMIENTOS • COATINGS • REVETEMENT**

B = BRILLANTE/BRIGHT/BLANC  
 U = URDIN/ VAPORIZED/STEAM HOMO  
 TIN = NITRURO DE TITANIO/TITANIUM NITRIDE

OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE

**CALIDAD • QUALITY • QUALITE**

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

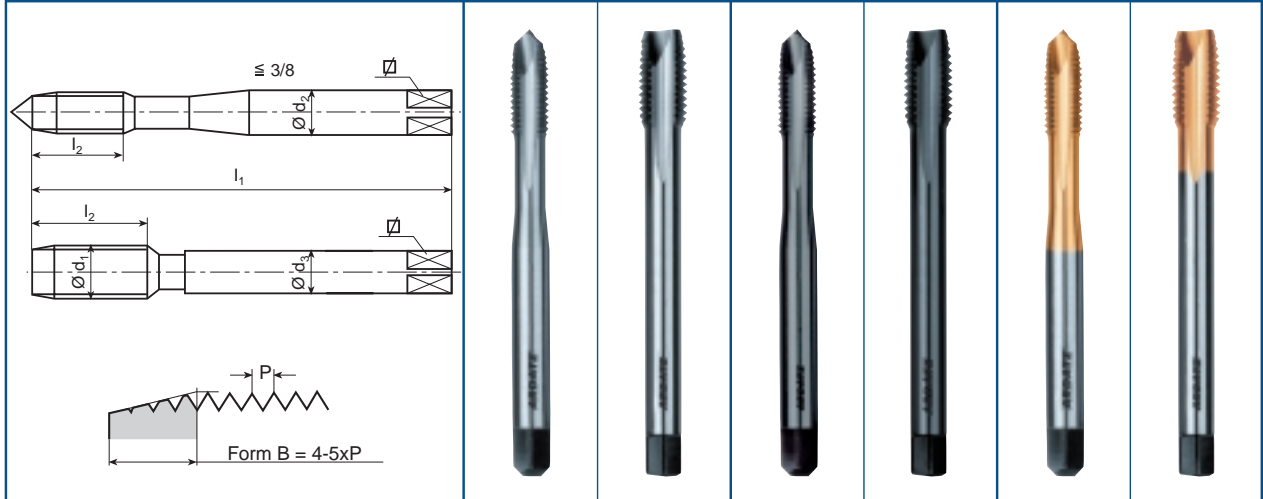
For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematicament les trous taraudees

BSF	d1 m/m	l1 m/m	l2 m/m	d2 mm	 mm	d3 mm	 mm		371 	376 
1/4	26	6,350	80	16	7,00 5,50	4,50 3,40	5,30	17	9	
5/16	22	7,938	90	18	8,00 6,20	6,00 4,50	6,80	28	18	
3/8	20	9,525	90	18	9,00 7,00	7,00 5,50	8,30	41	25	
7/16	18	11,113	100	22		8,00 6,20	9,70		38	
1/2	16	12,700	110	25		9,00 7,00	11,10		55	
9/16	16	14,288	110	25		11,00 9,00	12,70		80	
5/8	14	15,876	110	28		12,00 9,00	14,00		90	
3/4	12	19,051	125	32		14,00 11,00	16,75		140	
7/8	11	22,226	140	32		18,00 14,50	19,75		260	
1"	10	25,400	160	36		20,00 16,00	22,75		370	

<p><b>W</b> (BSW)</p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		<p><b>CLASE / CLASS HSSE</b></p>
			<p><b>ESTRIAS RECTAS FORMA "B" GUN NOSE FORM "B" GOUJURES DROITES FORME "B"</b></p>

<p>ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE</p>	B		U		TIN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	202	302	242	342	292	392
	9612021	9613021	9612421	9613421	9612921	9613921



<p>Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)</p>						
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<p>TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU</p>	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
						d2 mm		d3 mm				
	W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
	W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
	W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
	W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20
	W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
	W 1"	8	25,400	160	36			20,00	16,00	22,00		370
	W 1 1/8"	7	28,576	180	40			22,00	18,00	24,75		500
	W 1 1/4"	7	31,751	180	40			25,00	20,00	27,75		640
	W 1 3/8"	6	34,926	200	45			28,00	22,00	30,50		880
	W 1 1/2"	6	38,100	200	45			28,00	22,00	33,50		1140
	W 1 5/8"	5	41,277	220	56			32,00	24,00	35,50		1450
	W 1 3/4"	5	44,452	220	56			36,00	29,00	39,00		1730
	W 1 7/8"	4,5	47,627	250	63			36,00	29,00	41,50		2000
	W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

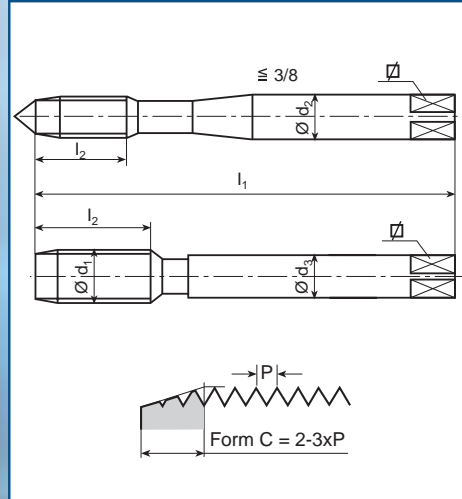
<p>TOLERANCIAS • TOLERANCES • TOLERANCES</p>

<p>RECUBRIMIENTOS • COATINGS • REVETEMENT</p>
<p><b>B</b> = BRILLANTE/BRIGHT/BLANC  <b>U</b> = URDIN/ VAPORIZED/STEAM HOMO  <b>TIN</b> = NITRURO DE TITANIO/TITANIUM NITRIDE</p>
<p>OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE</p>

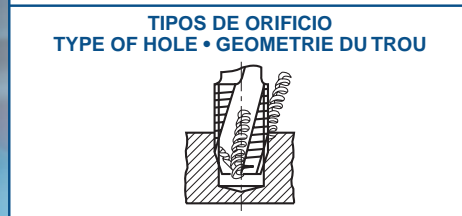
<p>CALIDAD • QUALITY • QUALITE</p>
<p>Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados</p>
<p>For a complete Quality Guarantee it is necessary to do a systematic check of holes talled</p>
<p>Pour une total Garantie Qualité il faut vérifier systématiquement les trous taraudées</p>

<p><b>W</b> (BSW)</p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		<b>CLASE / CLASS HSSE</b>			
			<p>ESTRIAS HEL. 15°≈ SPIRAL FLUTES 15°≈ GOUJURES HELICOIDALE 15°≈</p>			

<p>ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE</p>	B		U		TIN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	203	303	243	343	293	393
	9612031	9613031	9612431	9613431	9612931	9613931



Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)						
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**TOLERANCIAS • TOLERANCES • TOLERANCES**

**RECUBRIMIENTOS • COATINGS • REVETEMENT**

B = BRILLANTE/BRIGHT/BLANC  
U = URDIN/ VAPORIZED/STEAM HOMO  
TIN = NITRURO DE TITANIO/TITANIUM NITRIDE

OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE

**CALIDAD • QUALITY • QUALITE**

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

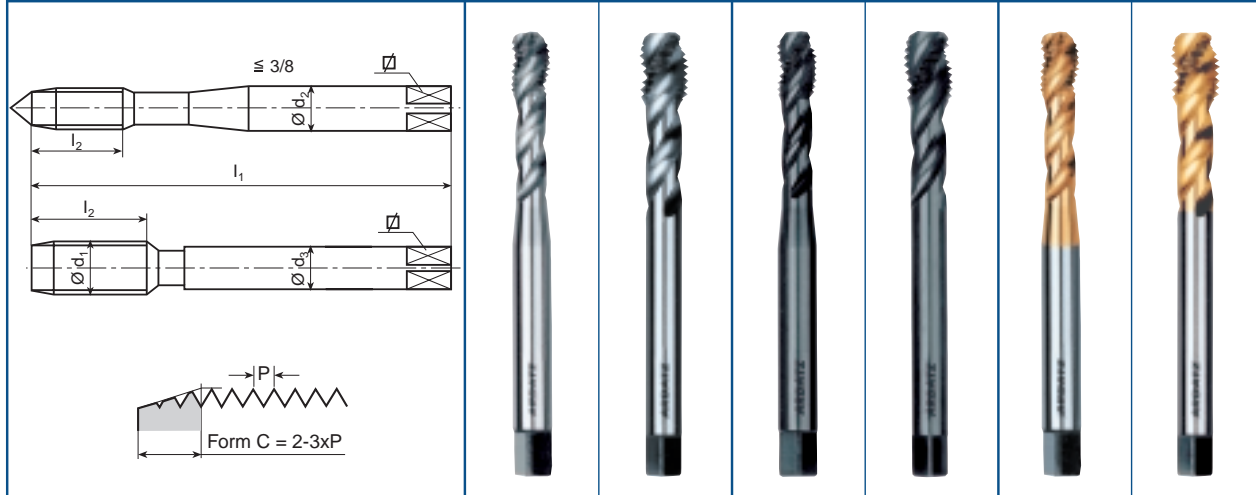
Pour une total Garantie Qualité il faut verifier systematicament les trous taraudees

d1 Faco/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376		371 G1	376 G1	
					d2 mm	h/mm	d3 mm	h/mm			
W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20
W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
W 1"	8	25,400	160	36			20,00	16,00	22,00		370
W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500
W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640
W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880
W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1140
W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1450
W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1730
W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000
W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

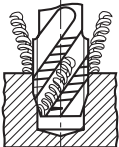
BSW

<h1 style="font-size: 2em;">W</h1> (BSW)	DIN 11 ROSCA THREAD FILETAGE WHITWORTH		CLASE / CLASS HSSE
			ESTRIAS HEL. 35°≈ SPIRAL FLUTES 35°≈ GOUJURES HELICOIDALE 35°≈

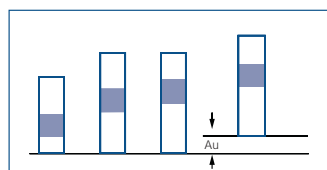
ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	205	305	245	345	295	395
	9612051	9613051	9612451	9613451	9612951	9613951



Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)

TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
						d2 mm	mm	d3 mm	mm			
	W 1/4	20	6,350	80	12	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	12	8,00	6,20	6,00	4,90	6,50	28	20
	W 3/8	16	9,525	90	14	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	16			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	16			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	18			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	20			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	25			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	28			18,00	14,50	19,25		260
	W 1"	8	25,400	160	30			20,00	16,00	22,00		370

**TOLERANCIAS • TOLERANCES • TOLERANCES**



**RECUBRIMIENTOS • COATINGS • REVETEMENT**

B = BRILLANTE/BRIGHT/BLANC  
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OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D' AUTRES RECOUVREMENTS SOUS DEMANDE

**CALIDAD • QUALITY • QUALITE**

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees

BSW

<p><b>W</b> <b>(BSW)</b></p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		<p><b>CLASE / CLASS HSSEE (PM)</b></p>
			<p><b>ESTRIAS RECTAS STRAIGHT FLUTES GOUJURES DROITES</b></p>

BSW

<p>ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE</p>	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	501	601	021	031	591	691	061	081
	9615011	9616011	9615111	9616111	9615911	9616911	9610611	9610811

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Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)							
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<p>TIPOS DE ORIFICIO TYPE OF HOLE - GEOMETRIE DU TROU</p>	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
						d2 mm	∇ h/mm	d3 mm	∇ mm			

<p>TOLERANCIAS • TOLERANCES • TOLERANCES</p>	W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
	W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
	W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
	W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20
	W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
	W 1"	8	25,400	160	36			20,00	16,00	22,00		370

<p>RECUBRIMIENTOS • COATINGS • REVETEMENT</p> <p>B = BRILLANTE/BRIGHT/BLANC                  U = URDIN/ VAPORIZED/STEAM HOMO                  TIN = NITRURO DE TITANIO/TITANIUM NITRIDE                  TICN = CARBONITRURO DE TITANIO /                  TITANIUM CARBONITRIDE</p> <p>OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON                  REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE</p>	W 1"1/8	7	28,576	180	40			22,00	18,00	24,75		500
	W 1"1/4	7	31,751	180	40			25,00	20,00	27,75		640
	W 1"3/8	6	34,926	200	45			28,00	22,00	30,50		880
	W 1"1/2	6	38,100	200	45			28,00	22,00	33,50		1140
	W 1"5/8	5	41,277	220	56			32,00	24,00	35,50		1450
	W 1"3/4	5	44,452	220	56			36,00	29,00	39,00		1730
	W 1"7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000
	W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

**CALIDAD • QUALITY • QUALITE**

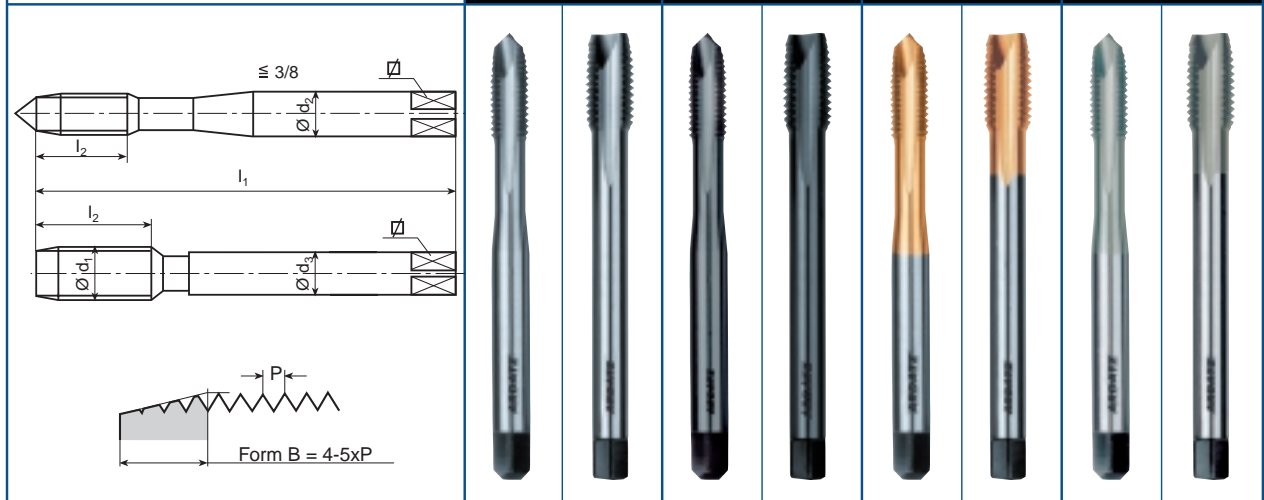
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Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees

<p><b>W</b> <b>(BSW)</b></p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		<p><b>CLASE / CLASS HSSEE (PM)</b></p>
			<p><b>ESTRIAS RECTAS FORMA "B"</b>  <b>GUN NOSE FORM "B"</b>  <b>GOUJURES DROITES FORME "B"</b></p>

<p>ACABADO / FINISH / ASPECT          NORMA / NORM / NORME DIN          REFERENCIA / REFERENCE          CODIGO / CODE</p>	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	502	602	542	642	592	692	062	082
	9615021	9616021	9615421	9616421	9615921	9616921	9610621	9610821



<p>TIPOS DE ORIFICIO          TYPE OF HOLE • GEOMETRIE DU TROU</p>	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376				
						d2 mm	mm	d3 mm	mm			
W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2	
W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3	
W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5	
W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9	
W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15	
W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20	
W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25	
W 7/16	14	11,113	100	22			8,00	6,20	9,25		38	
W 1/2	12	12,700	110	25			9,00	7,00	10,50		55	
W 9/16	12	14,288	110	25			11,00	9,00	12,00		80	
W 5/8	11	15,876	110	28			12,00	9,00	13,50		90	
W 3/4	10	19,051	125	32			14,00	11,00	16,50		140	
W 7/8	9	22,226	140	32			18,00	14,50	19,25		260	
W 1"	8	25,400	160	36			20,00	16,00	22,00		370	
W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500	
W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640	
W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880	
W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1140	
W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1450	
W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1730	
W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000	
W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350	

**RECUBRIMIENTOS • COATINGS • REVETEMENT**

**B = BRILLANTE/BRIGHT/BLANC**  
**U = URDIN/ VAPORIZED/STEAM HOMO**  
**TIN = NITRURO DE TITANIO/TITANIUM NITRIDE**  
**TICN = CARBONITRURO DE TITANIO / TITANIUM CARBONITRIDE**

OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE

**CALIDAD • QUALITY • QUALITE**

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For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees

<p><b>W</b> <b>(BSW)</b></p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		<p><b>CLASE / CLASS HSSEE (PM)</b></p>	
			<p>ESTRIAS HEL. 15°≈                  SPIRAL FLUTES 15°≈                  GOUJURES HELICOIDALE 15°≈</p>	

**BSW**

ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	503	603	543	643	593	693	063	083
	9615031	9616031	9615431	9616431	9615931	9616931	9610631	9610831

Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)	
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TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371	376
						d2 mm	∇ mm	d3 mm	∇ mm			
	W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
	W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
	W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
	W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20
	W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
	W 1"	8	25,400	160	36			20,00	16,00	22,00		370
	W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500
	W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640
	W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880
	W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1140
	W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1450
	W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1730
	W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000
	W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

**RECUBRIMIENTOS • COATINGS • REVETEMENT**

B = BRILLANTE/BRIGHT/BLANC  
 U = URDIN/ VAPORIZED/STEAM HOMO  
 TIN = NITRURO DE TITANIO/TITANIUM NITRIDE  
 TICN = CARBONITRURO DE TITANIO / TITANIUM CARBONITRIDE

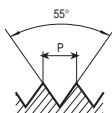
OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE

**CALIDAD • QUALITY • QUALITE**

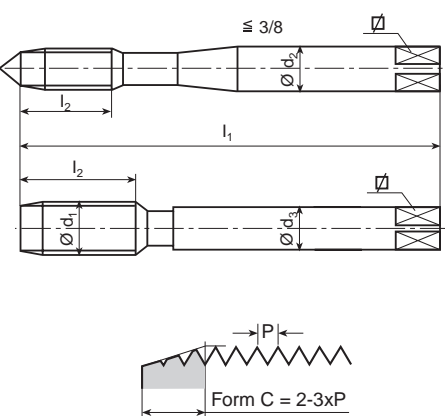
Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados


For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematicament les trous taraudees




<h2 style="margin: 0;">W</h2> <p style="margin: 0;">(BSW)</p>	DIN 11 ROSCA THREAD FILETAGE WHITWORTH		<b>CLASE / CLASS HSSEE (PM)</b>
			ESTRIAS HEL. 35°≈ SPIRAL FLUTES 35°≈ GOUJURES HELICOIDALE 35°≈

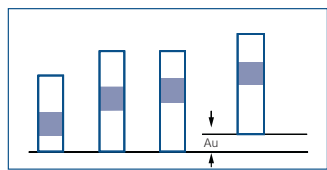
ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	505	605	545	645	595	695	065	085
	9615051	9616051	9615451	9616451	9615951	9616951	9610651	9610851






Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)	
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TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU	Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376				
						d2 mm	mm	d3 mm	mm			
W 1/4		20	6,350	80	12	7,00	5,50	4,50	3,40	5,10	17	15
W 5/16		18	7,938	90	12	8,00	6,20	6,00	4,90	6,50	28	20
W 3/8		16	9,525	90	14	9,00	7,00	7,00	5,50	7,90	41	25
W 7/16		14	11,113	100	16			8,00	6,20	9,25		38
W 1/2		12	12,700	110	16			9,00	7,00	10,50		55
W 9/16		12	14,288	110	18			11,00	9,00	12,00		80
W 5/8		11	15,876	110	20			12,00	9,00	13,50		90
W 3/4		10	19,051	125	25			14,00	11,00	16,50		140
W 7/8		9	22,226	140	28			18,00	14,50	19,25		260
W 1"		8	25,400	160	30			20,00	16,00	22,00		370

TOLERANCIAS • TOLERANCES • TOLERANCES


RECUBRIMIENTOS • COATINGS • REVETEMENT
<b>B</b> = BRILLANTE/BRIGHT/BLANC <b>U</b> = URDIN/ VAPORIZED/STEAM HOMO <b>TIN</b> = NITRURO DE TITANIO/TITANIUM NITRIDE <b>TICN</b> = CARBONITRURO DE TITANIO / TITANIUM CARBONITRIDE OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE



CALIDAD • QUALITY • QUALITE

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

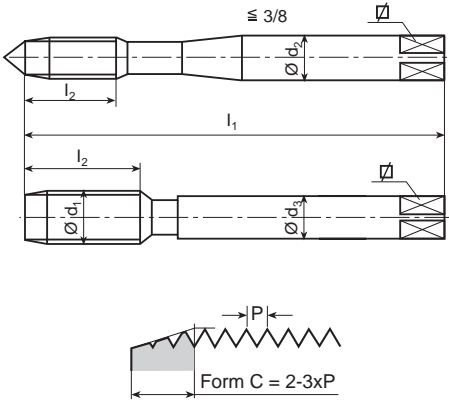
Pour une total Garantie Qualité il faut verifier sistematically les trous taraudees


BSW

<h2 style="margin: 0;">W</h2> <p style="margin: 0;">(BSW)</p>	<p>DIN 11 ROSCA THREAD FILETAGE WHITWORTH</p>		CLASE / CLASS HSES (PM)
			<p>ESTRIAS RECTAS STRAIGHT FLUTES GOUJURES DROITES</p>




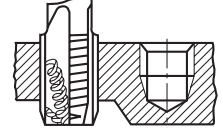
BSW

ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	531	631	041	051	571	671	071	091
	9615311	9616311	9610411	9610511	9615711	9616711	9610711	9610911






Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)				
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TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376			371 	376 
						d2 mm	∇ mm	d3 mm	∇ mm			
	W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
	W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
	W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
	W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,50	6,50	28	20
	W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
	W 1"	8	25,400	160	36			20,00	16,00	22,00		370
	W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500
	W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640
	W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880
	W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1140
	W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1450
	W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1730
	W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000
	W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

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OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE



**CALIDAD • QUALITY • QUALITE**

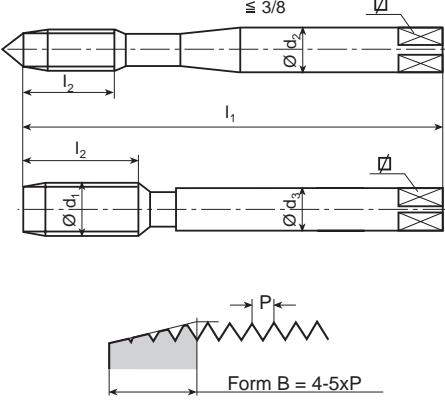
Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados


For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees





<h2 style="margin: 0;">W</h2> <p style="margin: 0;">(BSW)</p>	<p><b>DIN 11</b>          ROSCA          THREAD          FILETAGE          WHITWORTH</p>		<p><b>CLASE / CLASS HSES (PM)</b></p> <p><b>ESTRIAS RECTAS FORMA "B"</b>  <b>GUN NOSE FORM "B"</b>  <b>GOUJURES DROITES FORME "B"</b></p>
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ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	532	632	042	052	572	672	072	092
	9615321	9616321	9610421	9610521	9615721	9616721	9610721	9610921






Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)	
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<b>TIPOS DE ORIFICIO</b> TYPE OF HOLE • GEOMETRIE DU TROU	d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376				
						d2 mm	mm	d3 mm	mm			
	W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2
	W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3
	W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5
	W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9
	W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15
	W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20
	W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25
	W 7/16	14	11,113	100	22			8,00	6,20	9,25		38
	W 1/2	12	12,700	110	25			9,00	7,00	10,50		55
	W 9/16	12	14,288	110	25			11,00	9,00	12,00		80
	W 5/8	11	15,876	110	28			12,00	9,00	13,50		90
	W 3/4	10	19,051	125	32			14,00	11,00	16,50		140
	W 7/8	9	22,226	140	32			18,00	14,50	19,25		260
	W 1"	8	25,400	160	36			20,00	16,00	22,00		370
	W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500
	W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640
	W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880
	W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1140
	W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1450
	W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1730
	W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2000
	W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2350

<b>RECUBRIMIENTOS • COATINGS • REVETEMENT</b>												
B = BRILLANTE/BRIGHT/BLANC												
U = URDIN/ VAPORIZED/STEAM HOMO												
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TICN = CARBONITRURO DE TITANIO / TITANIUM CARBONITRIDE												
OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE												



**CALIDAD • QUALITY • QUALITE**

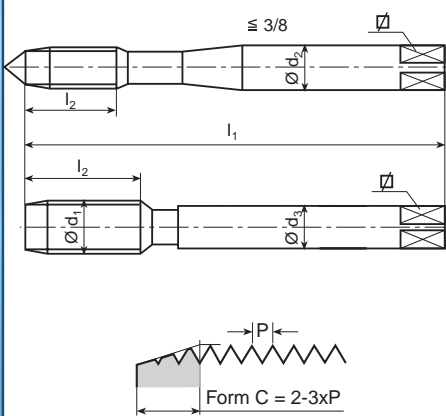
Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

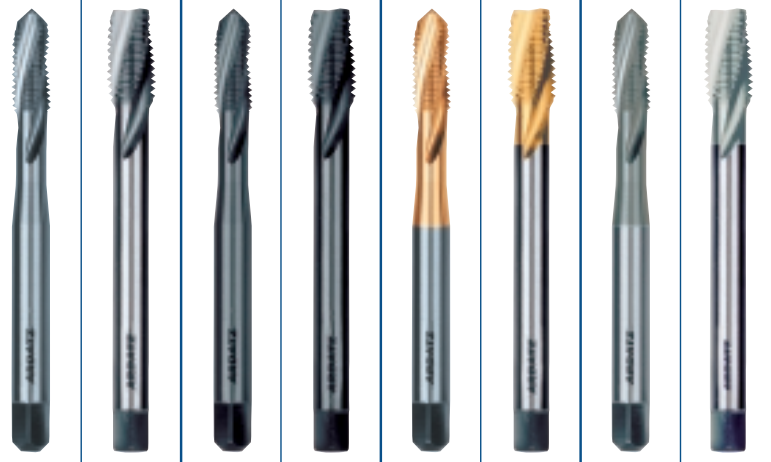
For a complete Quality Guarantee it is necessary to do a systematic check of holes talled

Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees

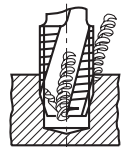
<h1 style="font-size: 2em;">W</h1> (BSW)	DIN 11 ROSCA THREAD FILETAGE WHITWORTH		CLASE / CLASS HSS (PM)	
			ESTRIAS HEL. 15°≈ SPIRAL FLUTES 15°≈ GOUJURES HELICOIDALE 15°≈	

ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	533	633	043	053	573	673	073	093
	9615331	9616331	9610431	9610531	9615731	9616731	9610731	9610931






Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)				
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TIPOS DE ORIFICIO TYPE OF HOLE • GEOMETRIE DU TROU												
							DIN 371		DIN 376			
d1 Facc/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	d2 mm		d3 mm		2,55	3,20	3,70	4,50
W 1/8	40	3,175	56	11	3,50	2,70	2,20	-	2,55	2	2	2
W 5/32	32	3,969	63	12	4,50	3,40	2,80	2,10	3,20	5	3	3
W 3/16	24	4,762	70	14	6,00	4,90	3,20	2,40	3,70	9	5	5
W 7/32	24	5,556	80	14	6,00	4,90	4,50	3,40	4,50	14	9	9
W 1/4	20	6,350	80	16	7,00	5,50	4,50	3,40	5,10	17	15	15
W 5/16	18	7,938	90	18	8,00	6,20	6,00	4,90	6,50	28	20	20
W 3/8	16	9,525	90	18	9,00	7,00	7,00	5,50	7,90	41	25	25
W 7/16	14	11,113	100	22			8,00	6,20	9,25		38	38
W 1/2	12	12,700	110	25			9,00	7,00	10,50		55	55
W 9/16	12	14,288	110	25			11,00	9,00	12,00		80	80
W 5/8	11	15,876	110	28			12,00	9,00	13,50		90	90
W 3/4	10	19,051	125	32			14,00	11,00	16,50		140	140
W 7/8	9	22,226	140	32			18,00	14,50	19,25		260	260
W 1"	8	25,400	160	36			20,00	16,00	22,00		370	370
W 1 1/8	7	28,576	180	40			22,00	18,00	24,75		500	500
W 1 1/4	7	31,751	180	40			25,00	20,00	27,75		640	640
W 1 3/8	6	34,926	200	45			28,00	22,00	30,50		880	880
W 1 1/2	6	38,100	200	45			28,00	22,00	33,50		1.140	1.140
W 1 5/8	5	41,277	220	56			32,00	24,00	35,50		1.450	1.450
W 1 3/4	5	44,452	220	56			36,00	29,00	39,00		1.730	1.730
W 1 7/8	4,5	47,627	250	63			36,00	29,00	41,50		2.000	2.000
W 2"	4,5	50,800	250	63			40,00	32,00	44,50		2.350	2.350

TOLERANCIAS • TOLERANCES • TOLERANCES											
											

RECUBRIMIENTOS • COATINGS • REVETEMENT											
B = BRILLANTE/BRIGHT/BLANC U = URDIN/ VAPORIZED/STEAM HOMO TIN = NITRURO DE TITANIO/TITANIUM NITRIDE TICN = CARBONITRURO DE TITANIO / TITANIUM CARBONITRIDE OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE											



CALIDAD • QUALITY • QUALITE

Una completa Garantía de Calidad exige la comprobación sistemática de los orificios roscados

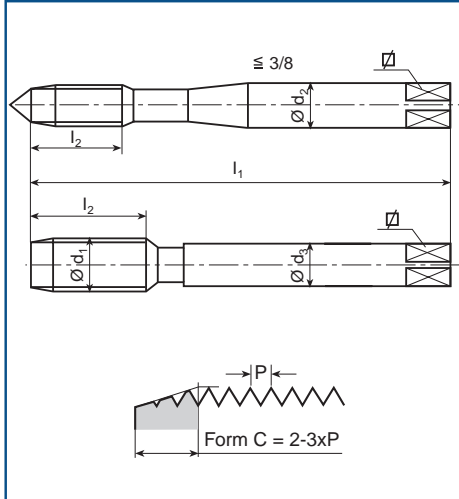
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Pour une total Garantie Qualité il faut verifier systematiquement les trous taraudees

BSW



<h2 style="margin: 0;">W</h2> <p style="margin: 0;">(BSW)</p>	DIN 11 ROSCA THREAD FILETAGE WHITWORTH		CLASE / CLASS HSES (PM)
	ESTRIAS HEL. 25°≈ SPIRAL FLUTES 25°≈ GOUJURES HELICOIDALE 25°≈		

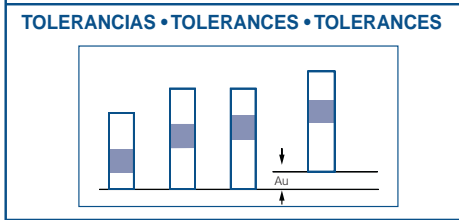
ACABADO / FINISH / ASPECT NORMA / NORM / NORME DIN REFERENCIA / REFERENCE CODIGO / CODE	B		U		TIN		TICN	
	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈	371 ≈	376 ≈
	535	635	045	055	575	675	075	095
	9615351	9616351	9610451	9610551	9615751	9616751	9610751	9610951



Material a trabajar / Work mat. / Mat. a travailler (ref. pag. 10)				
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d1 Faco/pul.	P h/p	d1 m/m	l1 m/m	l2 m/m	DIN 371		DIN 376				
					d2 mm	mm	d3 mm	mm			
W 1/4	20	6,350	80	12	7,00	5,50	4,50	3,40	5,10	17	15
W 5/16	18	7,938	90	12	8,00	6,20	6,00	4,90	6,50	28	20
W 3/8	16	9,525	90	14	9,00	7,00	7,00	5,50	7,90	41	25
W 7/16	14	11,113	100	16			8,00	6,20	9,25		38
W 1/2	12	12,700	110	16			9,00	7,00	10,50		55
W 9/16	12	14,288	110	18			11,00	9,00	12,00		80
W 5/8	11	15,876	110	20			12,00	9,00	13,50		90
W 3/4	10	19,051	125	25			14,00	11,00	16,50		140
W 7/8	9	22,226	140	28			18,00	14,50	19,25		260
W 1"	8	25,400	160	30			20,00	16,00	22,00		370



RECUBRIMIENTOS • COATINGS • REVETEMENT

**B** = BRILLANTE/BRIGHT/BLANC  
**U** = URDIN/ VAPORIZED/STEAM HOMO  
**TIN** = NITRURO DE TITANIO/TITANIUM NITRIDE  
**TICN** = CARBONITRURO DE TITANIO /  
 TITANIUM CARBONITRIDE  
 OTROS RECUBRIMIENTOS BAJO DEMANDA • OTHER COATINGS ON  
 REQUEST • D'AUTRES RECOUVREMENTS SOUS DEMANDE

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BSW