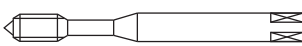


UNF, UNEF UNS, UN

Répertoire — Tarauds à machine ASME B1.1
Rubrica — Maschi a macchina ASME B1.1

		N						
Caractéristiques Caratteristiche				 V	 TiN	 R40	 R40 V	 R40 TiN
					 NEW			 NEW
Genre de trou Tipo di foro								
		N310-3	N320-3 N320-4	N320V-4	N320TN-4	N360-3	N360V-3	N360TN-3
DIN longue DIN lungo	DIN 371	176	176	176	176	178	178	178
ISO courte ISO corto	ISO 529							
Tolérance Tolleranza	UNF 2B	176	176	176	176	178	178	178
Tolérance Tolleranza	UNF(J) 3B		176			178		
Tolérance Tolleranza	UNEF 2B							
Tolérance Tolleranza	UNS 2B							
Tolérance Tolleranza	UN 2B							
		N410-3	N420-4	N420V-4	N420TN-4	N460-3	N460V-3	N460TN-3
DIN longue DIN lungo	DIN 374/~DIN 376	177 / 199	177	177	177	179 / 199	179 / 199	179
ISO courte ISO corto	ISO 529							
Tolérance Tolleranza	UNF 2B	177	177	177	177	179	179	179
Tolérance Tolleranza	UNF(J) 3B		177			179		
Tolérance Tolleranza	UNEF 2B							
Tolérance Tolleranza	UNS 2B	199				199	199	
Tolérance Tolleranza	UN 2B					199	199	

UNF, UNEF

Répertoire — Taravds à machine et à main ASME B1.1

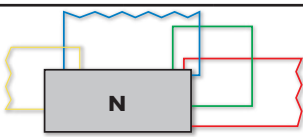
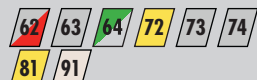
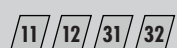
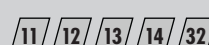
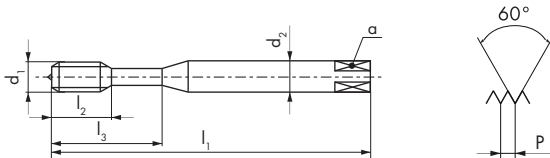
Rubrica — Maschi a macchina e a mano ASME B1.1

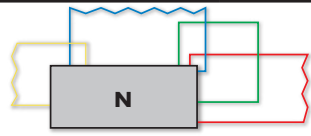
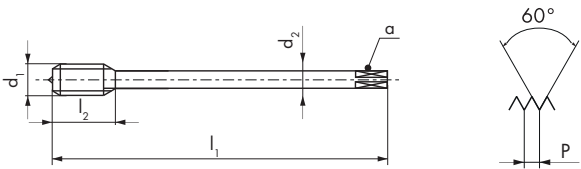
N		Z				H		
								
		V	VS	V	VS		TiCN	
								
			NEW				NEW	
								
N1110 -1 -3 -S	N1120-4	Z320V-4	Z320VS-4	Z360V-3	Z370VS-3	H320-4	H320TC-4	H350-3
196 / 198	198	180	180	181	182	184	184	185
196		180	180	181	182	184	184	185
					182			
198	198							
N1210 -1 -3 -S	N1220-4	Z420V-4	Z420VS-4	Z460V-3	Z470VS-3	H420-4	H420TC-4	H450-3
197 / 198	198	180	180	181	182	184	184	185
197		180	180	181	182	184	184	185
198	198							

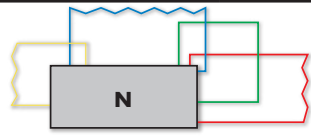
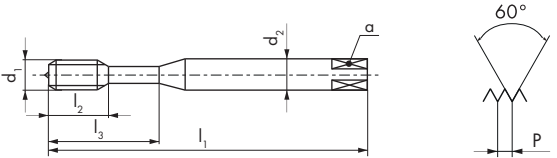
UNF, UNF(1), UNEF
UN, UNS

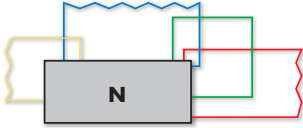
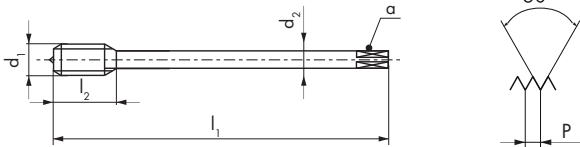
		H	S		SA		TL	
Caractéristiques Caratteristiche		 R25 TiCN	 VS	 R35 VS			 R15 VS	
		 NEW						
Genre de trou Tipo di foro								
		H350TC-3	S320VS-4	S360VS-3	SA320-4	SA350-3	SA390-3	TL351VS-3
DIN longue DIN lungo	DIN 371	185	186	186	188	188	190	188
ISO courte ISO corto	ISO 529							
Tolérance Tolleranza	UNF 2B	185			188	188		188
Tolérance Tolleranza	UNF(J) 3B		186	186	188	188	190	188
Tolérance Tolleranza	UNEF 2B							
Tolérance Tolleranza	UNS 2B							
Tolérance Tolleranza	UN 2B							
		H450TC-3	S420VS-4	S460VS-3	SA420-4	SA450-3		TL451VS-3
DIN longue DIN lungo	DIN 374/~DIN 376	185	186	186	189	189		189
ISO courte ISO corto	ISO 529							
Tolérance Tolleranza	UNF 2B	185			189	189		
Tolérance Tolleranza	UNF(J) 3B		186	186	189	189		189
Tolérance Tolleranza	UNEF 2B							
Tolérance Tolleranza	UNS 2B							
Tolérance Tolleranza	UN 2B							

QTAP				RTS	
 VS	 VS	 VS	 VS	 VS	 VS
 NEW	 NEW	 NEW	 NEW		
					
Q320VS-4	Q323VS-4	Q360VS-3	Q363VS-3	RTS320VS-4	RTS362VS-3
192	192	193	193	194	194
192	192	193	193	194	194
Q420VS-4	Q423VS-4	Q460VS-3	Q463VS-3	RTS420VS-4	RTS462VS-3
192	192	193	193	194	194
192	192	193	193	194	194

										N310-3	N320-4	N320V-4	N320TN-4
N310-3													
N320-4													
N320V-4													
N320TN-4													
													
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
* 0	80	1.52	40	7		2.5	2.1	2	1.2		● 101475		
* 2	64	2.18	45	9		2.8	2.1	2	1.8		● 101477		
4	48	2.84	56	12	18	3.5	2.7	3	2.35		● 128847		
5	44	3.17	56	12	18	3.5	2.7	3	2.6		● 142764		
6	40	3.5	56	13	20	4	3	3	2.9		● 101519	● 142765	
8	36	4.16	63	14	21	4.5	3.4	3	3.5		● 101520		
10	32	4.82	70	15	25	6	4.9	3	4.05		● 101517	● 142766	● 196014
12	28	5.48	80	17	30	6	4.9	3	4.6		● 101518		
1/4	28	6.35	80	17	30	7	5.5	3	5.5	● 101453	● 101516	● 142767	● 158791
</													

									N410-3	N420-4	N420V-4	N420TN-4
N410-3												
N420-4												
N420V-4		V										
N420TN-4		TiN										
												
$\emptyset'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm						
5/16	24	7.93	90	20	6	4.9	3	6.9	102004	102223	142774	196015
3/8	24	9.52	100	22	7	5.5	3	8.5	102003	102222	142775	196016
7/16	20	11.11	100	19	8	6.2	3	9.8	102006	102225	142776	196017
1/2	20	12.7	100	24	9	7	3	11.4	102000	102219	142777	196018
9/16	18	14.28	100	24	11	9	3	12.9		102227		
5/8	18	15.87	100	26	12	9	3	14.5	102005	102224	142778	196019
3/4	16	19.05	125	33	14	11	4	17.5	102002	102221	142779	185919
7/8	14	22.22	140	36	18	14.5	4	20.4		102226		
1	12	25.4	160	39	18	14.5	4	23.3		102220	142780	
1 1/8	12	28.57	180	39	22	18	4	26.5		142773		
1 1/4	12	31.75	180	39	22	18	4	29.7		102218		
1 3/8	12	34.92	200	36	28	22	4	32.8		105137		
1 1/2	12	38.1	200	41	32	24	4	36		105138		
									3B UNF(J)			
$\emptyset'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm			ID			
5/16	24	7.93	90	20	6	4.9	3	7	155328			
3/8	24	9.52	100	22	7	5.5	3	8.6	155326			
7/16	20	11.11	100	19	8	6.2	3	10	155330			
1/2	20	12.7	100	24	9	7	3	11.55	155321			

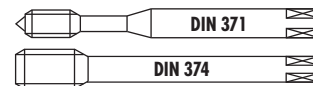
										N360-3	N360V-3	N360TN-3	
N360-3  63 72 73 74 81 91													
N360V-3   11 12 32													
N360TN-3   11 12 13 14 32												NEW	
													
										2B	2B	2B	
Ø" d₁ UNF	P TPI	d₁ mm	l₁ mm	l₂ mm	l₃ mm	d₂ mm	a mm			ID	ID	ID	
6	40	3.5	56	6.5	20	4	3	3	2.9	• 101686			
10	32	4.82	70	9	25	6	4.9	3	4.05	• 101682	• 101730	• 196009	
12	28	5.48	80	11	30	6	4.9	3	4.6	• 101683			
1/4	28	6.35	80	11	30	7	5.5	3	5.5	• 101681	• 101729	• 146137	
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9	• 101685	• 101732	• 196010	
3/8	24	9.52	100	14	39	10	8	3	8.5	• 101684	• 101731	• 196011	
										3B UNF(J)			
Ø" d₁ UNF	P TPI	d₁ mm	l₁ mm	l₂ mm	l₃ mm	d₂ mm	a mm			ID			
10	32	4.82	70	9	25	6	4.9	3	4.15	• 155325			
1/4	28	6.35	80	11	30	7	5.5	3	5.55	• 155324			
5/16	24	7.93	90	12.5	35	8	6.2	3	7	• 155329			
3/8	24	9.52	100	14	39	10	8	3	8.6	• 155327			

									N460-3	N460V-3	N460TN-3	
N460-3  63 72 73 74 81 91												
N460V-3   11 12 32												
N460TN-3   11 12 13 14 32											NEW	
												
									< 2.5 x D	< 2.5 x D	< 2.5 x D	
												
									2.5 x P	2.5 x P	2.5 x P	
									2B	2B	2B	
$\varnothing'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm			ID	ID	ID	
7/16	20	11.11	100	14	8	6.2	3	9.8	● 102434	● 142781	● 158885	
1/2	20	12.7	100	14	9	7	3	11.4	● 102430	● 102503	● 196012	
9/16	18	14.28	100	14	11	9	3	12.9	● 102436	● 143422		
5/8	18	15.87	100	14	12	9	3	14.5	● 102433	● 143097	● 196013	
3/4	16	19.05	125	18	14	11	4	17.5	● 102432	● 102505	● 142568	
7/8	14	22.22	140	20	18	14.5	4	20.4	● 102435	● 144714		
1	12	25.4	160	27	18	14.5	4	23.3	● 102431	● 102504		
1 1/8	12	28.57	180	24	22	18	4	26.5	● 102429	● 144414		
1 1/4	12	31.75	180	24	22	18	4	29.7	● 102428	● 151709		
1 1/2	12	38.1	200	30	32	24	5	36	● 102427	● 148793		

UNF

ASME B1.1

PM

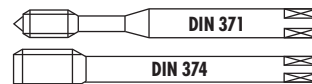


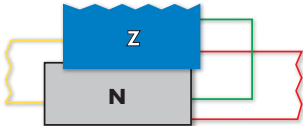
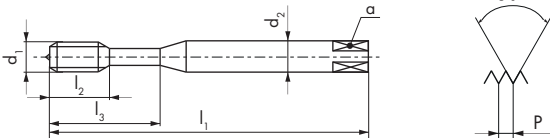
										Z320V-4	Z420V-4	Z320VS-4	Z420VS-4
Z320V-4 V 11 12 13 21 32													
Z420V-4 V 11 12 13 21 32													
Z320VS-4 VS 11 12 13 14 21 22 23 32 61 63 94												NEW	NEW
Z420VS-4 VS 11 12 13 14 21 22 23 32 61 63 94													
										2B	2B	2B	2B
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
10	32	4.82	70	15	25	6	4.9	3		• 142783		• 128685	
1/4	28	6.35	80	17	30	7	5.5	3		• 142784		• 128596	
5/16	24	7.93	90	20	35	8	6.2	3		• 142785		• 128869	
3/8	24	9.52	100	22	39	10	8	3		• 142786		• 128814	
7/16	20	11.11	100	19		8	6.2	3			• 142787		• 128960
1/2	20	12.7	100	24		9	7	3			• 142788		• 128556
5/8	18	15.87	100	26		12	9	3					• 196031
3/4	16	19.05	125	33		14	11	4					• 196032

UNF

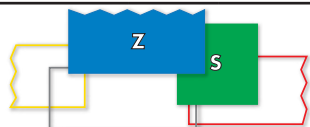
ASME B1.1

HSSE



										Z360V-3	Z460V-3		
Z360V-3  12 21 32 Z460V-3  12 21 32										 			
										 <2.5 x D	 <2.5 x D		
										 2.5 x P	 2.5 x P	2B	2B
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID		
10	32	4.82	70	9	25	6	4.9	3	4.05	● 104680			
1/4	28	6.35	80	11	30	7	5.5	3	5.5	● 104679			
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9	● 104682			
3/8	24	9.52	100	14	39	10	8	3	8.5	● 104681			
7/16	20	11.11	100	14		8	6.2	3	9.8		● 104741		
1/2	20	12.7	100	14		9	7	3	11.4		● 104738		
5/8	18	15.87	100	14		12	9	3	14.5		● 104740		
3/4	16	19.05	125	18		14	11	4	17.5		● 104739		

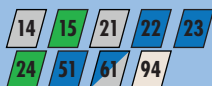
UNE, UNF(J)



Z370VS-3



VS



Z470VS-3



VS



Z370VS-3



VS



Z470VS-3



VS



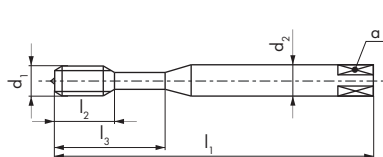
Z370VS-3

Z470VS-3



2BX

2BX



Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm		
10	32	4.82	70	9	25	6	4.9	3	4.05
1/4	28	6.35	80	11	30	* 6	* 4.9	3	5.5
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9
3/8	24	9.52	100	14	39	10	8	3	8.5
7/16	20	11.11	100	14		8	6.2	3	9.8
1/2	20	12.7	110	14		* 10	* 8	4	11.4
5/8	18	15.87	110	18		12	9	4	14.5
3/4	16	19.05	125	21		14	11	4	17.5

* Norme DC / * DC Norm/ * Norma DC

ID	ID
• 166136	
• 166135	
• 166134	
• 166133	
	• 166138
	• 166137
	• 196029
	• 196030

3B
UNF(J)

Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm		
10	32	4.82	70	9	25	6	4.9	3	4.15
1/4	28	6.35	80	11	30	* 6	* 4.9	3	5.55
5/16	24	7.93	90	12.5	35	8	6.2	3	7
3/8	24	9.52	100	14	39	10	8	3	8.6

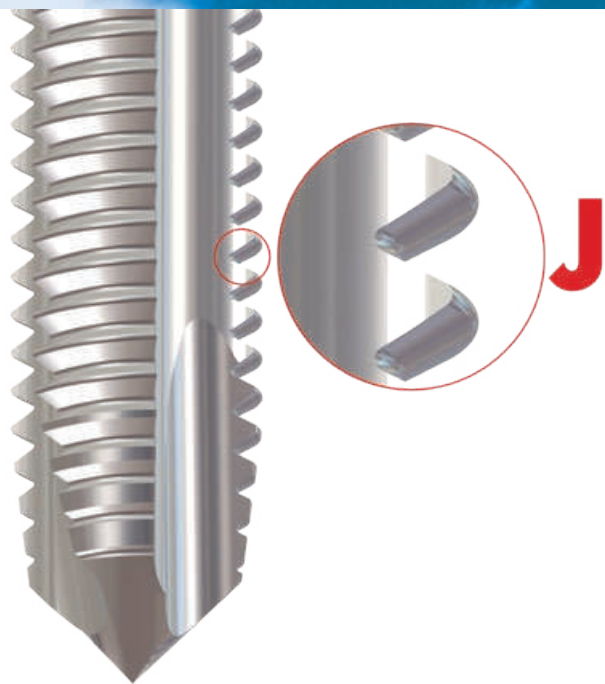
* Norme DC / * DC Norm/ * Norma DC

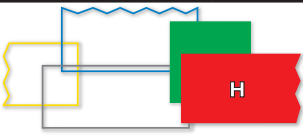
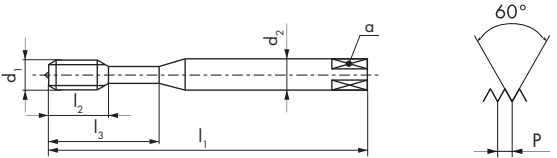
ID
• 165121
• 165122
• 165123
• 165124

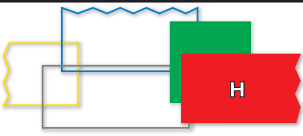
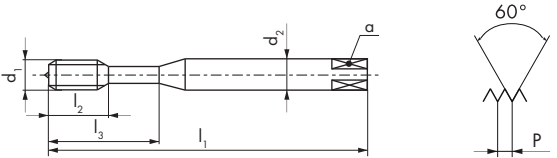
MJ, UNJC, UNJF

*Nos tarauds machine avec rayon sur le diamètre extérieur sont répertoriés dans un chapitre séparé commençant à la **page 44**.*

*I nostri maschi a macchina con raggio sul diametro esterno sono raggruppati in un capitolo separato a partire da **pagina 44**.*



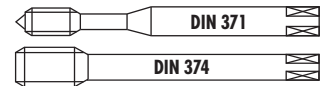
										H320-4	H420-4	H320TC-4	H420TC-4
H320-4													
H420-4													
H320TC-4		TiCN										NEW	NEW
H420TC-4		TiCN											
													
$\emptyset'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm			ID	ID	ID	ID
10	32	4.82	70	15	25	6	4.9	3	4.05	● 101228		● 196060	
1/4	28	6.35	80	17	30	7	5.5	3	5.5	● 101227		● 142613	
5/16	24	7.93	90	20	35	8	6.2	3	6.9	● 105139		● 196061	
3/8	24	9.52	100	22	39	10	8	3	8.5	● 101229		● 196062	
7/16	20	11.11	100	19		8	6.2	3	9.8		● 147253		● 196063
1/2	20	12.7	100	24		9	7	4	11.4		● 101291		● 196064
5/8	18	15.87	100	26		12	9	4	14.5		● 101293		● 196065
3/4	16	19.05	125	33		14	11	4	17.5		● 101292		● 196066

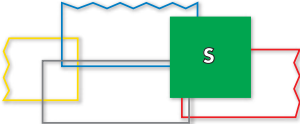
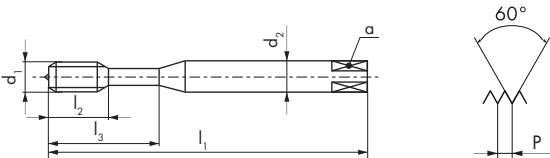
										H350-3	H450-3	H350TC-3	H450TC-3
H350-3   H450-3   H350TC-3    H450TC-3   												 NEW	 NEW
										 < 1.5 x D	 < 1.5 x D	 < 1.5 x D	 < 1.5 x D
										 2B	 2B	 2B	 2B
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
10	32	4.82	70	9	25	6	4.9	3	4.05	● 101265		● 196055	
1/4	28	6.35	80	11	30	7	5.5	3	5.5	● 101264		● 146714	
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9	● 101267		● 196056	
3/8	24	9.52	100	14	39	10	8	3	8.5	● 101266		● 196057	
7/16	20	11.11	100	14		8	6.2	3	9.8		● 101334		● 196058
1/2	20	12.7	100	14		9	7	4	11.4		● 101331		● 196059
5/8	18	15.87	100	14		12	9	4	14.5		● 101333		● 174297
3/4	16	19.05	125	18		14	11	4	17.5		● 101332		● 158882

UNF

ASME B1.1

PM

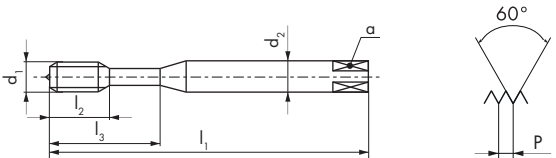


										S320VS-4	S420VS-4	S360VS-3	S460VS-3
S320VS-4  VS 13 15 16 22 23 24 52 S420VS-4  VS 13 15 16 22 23 24 52 S360VS-3  VS 13 15 16 22 23 24 52 S460VS-3  VS 13 15 16 22 23 24 52										   			
   													
   													
   													
										ID	ID		
Ø" d1 UNF	P TPI	d1 mm	l1 mm	l2 mm	l3 mm	d2 mm	a mm			● 111814			
10	32	4.82	70	15	25	6	4.9	3	4.15	● 111813			
1/4	28	6.35	80	17	30	7	5.5	3	5.55	● 111816			
5/16	24	7.93	90	20	35	8	6.2	3	7	● 111818			
3/8	24	9.52	100	22	39	10	8	3	8.6	● 111837			
7/16	20	11.11	100	22		8	6.2	3	10				
										</			



**S | RESPECTING
THREADING**

UNE, UNF(J)

aero										SA320-4	SA350-3		TL351VS-3
SA320-4													
SA350-3													
TL351VS-3													
													
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			B 4 x P	C 2.5 x P	C 2.5 x P	
10	32	4.82	70	15		6	4.9	3	4.05	2B	2B	2B	
1/4	28	6.35	80	15	23	7	5.5	3	5.5				
5/16	24	7.93	90	18	29	8	6.2	3	6.9				
3/8	24	9.52	100	20	33	10	8	3	8.5				

aero

SA390-3



16 53

SA390-3



$\emptyset'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm		$\emptyset'' d_1$ UNF
10	32	4.82	70	15	6	4.9	3	4.15
1/4	28	6.35	80	20	7	5.5	3	5.55
5/16	24	7.93	90	25	8	6.2	3	7
3/8	24	9.52	100	30	10	8	3	8.6

ID

- 149687
- 149715
- 149728
- 149745



UNE, UNF(J)

NEW

LE PARFAIT "ALLROUNDER"

Disponibile pour filetages M, MF, UNC, UNF et G

IL PERFETTO "ALLROUNDER"

Disponibile per filettature M, MF, UNC, UNF e G

QTAP

Q320VS-4



VS

Q420VS-4



VS

Q323VS-4

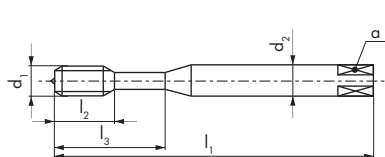


VS

Q423VS-4



VS



Q320VS-4

Q420VS-4

Q323VS-4

Q423VS-4



NEW



NEW



NEW



NEW



2B



2B



2B



2B

Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm	3	4.05
10	32	4.82	70	15	25	6	4.9	3	4.05
1/4	28	6.35	80	17	30	7	5.5	3	5.5
5/16	24	7.93	90	20	35	8	6.2	3	6.9
3/8	24	9.52	100	22	39	10	8	3	8.5
7/16	20	11.11	100	19		8	6.2	3	9.8
1/2	20	12.7	100	24		9	7	3	11.4

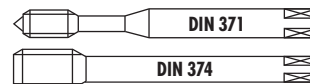
ID	ID	ID	ID
● 196298		● 197631	
● 196299		● 197632	
● 196300		● 197633	
● 196301		● 197634	
	● 196302		● 197635
	● 196303		● 197636



≤ Ø 16 > Ø 16

PM

HSSE



QTAP

Q360VS-3



VS

Q460VS-3



VS

Q363VS-3

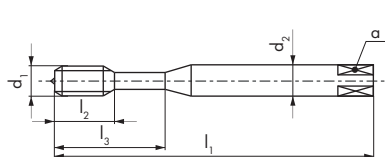


VS

Q463VS-3



VS



Q360VS-3

Q460VS-3

Q363VS-3

Q463VS-3



NEW



NEW



NEW



NEW



2B

2B

2B

2B

Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
10	32	4.82	70	9	25	6	4.9	3	4.05
1/4	28	6.35	80	11	30	7	5.5	3	5.5
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9
3/8	24	9.52	100	14	39	10	8	3	8.5
7/16	20	11.11	100	14		8	6.2	3	9.8
1/2	20	12.7	100	14		9	7	3	11.4
5/8	18	15.87	100	14		12	9	3	14.5
3/4	16	19.05	125	18		14	11	4	17.5

ID

ID

ID

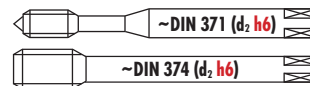
ID

● 196304		● 197637	
● 196305		● 197638	
● 196306		● 197639	
● 196307		● 197640	
	● 196308		● 197641
	● 196309		● 197642
	● 196310		● 197643
	● 196311		● 197644



Uniquement pour taraudage synchrone
Nur für Synchronbearbeitung
Only for rigid tapping
Solo per maschiatura sincrona
Solo para roscado sincronizado
Только для rigid tapping

PM



RTS

Rigid Tapping Synchro

RTS320VS-4



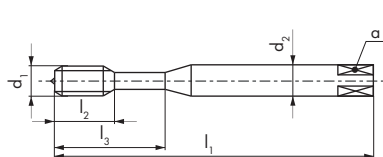
RTS420VS-4



RTS362VS-3



RTS462VS-3



RTS320VS-4

RTS420VS-4

RTS362VS-3

RTS462VS-3



Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm		
10	32	4.82	70	9	25	6	4.9	3	4.05
1/4	28	6.35	80	11	30	* 6	* 4.9	3	5.5
5/16	24	7.93	90	12.5	35	8	6.2	3	6.9
3/8	24	9.52	100	14	39	10	8	3	8.5
1/2	20	12.7	110	14		* 10	* 8	3	11.4

* Norme DC / * DC Norm/ * Norma DC

ID

ID

ID

ID

● 157409		● 157413	
● 157410		● 157414	
● 157411		● 157415	
● 157412		● 157416	
	● 157417		● 157418



sur demande
auf Anfrage
on request
su richiesta
sobre pedido
по запросу

≥ Ø 6 mm



W | IMPROVING THREADING

UNE, UNF(J)

UNF

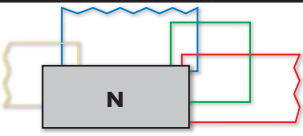
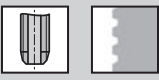
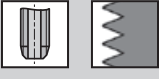
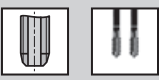
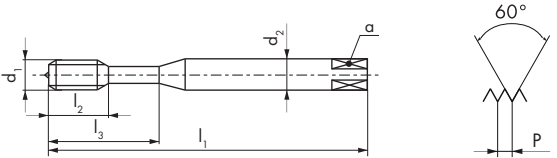
ASME B1.1

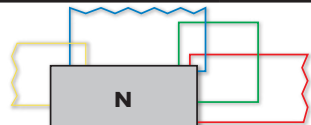
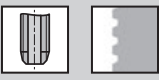
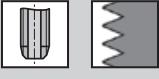
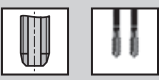
≤ Ø 2.8 > Ø 2.8

PM

HSS



										N1110-1	N1110-3	N1110-S	
N1110-1 													
N1110-3  													
N1110-S 													
													
													
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	
0	80	1.52	40	7		2.5	2.1	3	1.2	● 102811	● 103010	● 111079	
1	72	1.85	40	8		2.5	2.1	3	1.5	● 102812	● 103011	● 111080	
8	36	4.16	53	13	21	4.5	3.55	3	3.5		★ 103022		
10	32	4.82	58	16	25	5	4	3	4.05	● 102814	● 103013	● 111082	
12	28	5.48	62	17	26	5.6	4.5	3	4.6		★ 103014		
1/4	28	6.35	66	19	30	6.3	5	3	5.5	● 102813	● 103012	● 111081	
5/16	24	7.93	72	22	35	8	6.3	3	6.9	● 102821	● 103020	● 111089	
3/8	24	9.52	80	24	39	10	8	3	8.5	● 102818	● 103017	● 111086	

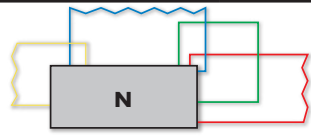
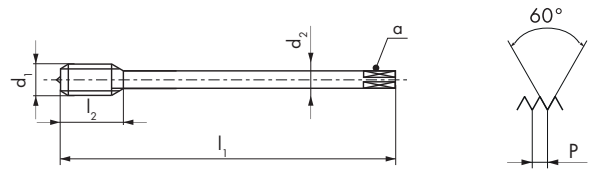
									N1210-1	N1210-3	N1210-S	
N1210-1 												
N1210-3  												
N1210-S 												
 												
Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm			ID	ID	ID	
7/16	20	11.11	85	22	8	6.3	3	9.8	● 103411	● 103626	● 111255	
1/2	20	12.7	89	24	9	7.1	3	11.4	● 103407	● 103622	● 111251	
5/8	18	15.87	102	32	12.5	10	3	14.5	● 103410	● 103625	● 111254	
3/4	16	19.05	112	33	14	11.2	4	17.5	● 103409	● 103624	● 111253	
7/8	14	22.22	115	32	16	12.5	4	20.4	● 103412	● 103627	● 111256	
1	12	25.4	130	45	18	14	4	23.3	● 103408	● 103623	● 111252	

										N1110-3	N1120-4	N1210-3	N1220-4
N1110-3													
N1120-4													
N1210-3													
N1220-4													
Ø" d ₁ UNEF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
12	32	5.48	62	17	26	5.6	4.5	3	4.7	● 103007	● 103118		
1/4	32	6.35	66	19	30	6.3	5	3	5.6	● 103006	● 103117		
5/16	32	7.93	72	22	35	8	6.3	3	7.2	● 103009	● 103120		
3/8	32	9.52	80	24	39	10	8	3	8.75	● 103008	● 103119		
7/16	28	11.11	85	22		8	6.3	3	10.25			● 103615	● 103754
1/2	28	12.7	89	24		9	7.1	3	11.85			● 103609	● 103749
9/16	24	14.28	95	24		11.2	9	3	13.2			● 103617	● 103756
5/8	24	15.87	102	32		12.5	10	3	14.8			● 103614	● 103753
11/16	24	17.46	104	26		14	11.2	4	16.4			● 103611	
3/4	20	19.05	112	33		14	11.2	4	17.8			● 103613	
7/8	20	22.22	115	32		16	12.5	4	21			● 103616	
1	20	25.4	120	30		18	14	4	24.1			● 103610	

UNS, UN ASME B1.1

HSSE



									N410-3	N460-3	N460V-3	
N410-3  												
N460-3  												
N460V-3   												
												
												
Ø" d ₁ UNS	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm			ID	ID	ID	
1/4	36	6.35	80	17	4.5	3.4	3	5.65	• 104899			
1/2	24	12.7	100	24	9	7	3	11.6	• 104900			
1	14	25.4	140	34	18	14.5	4	23.6	• 104898			
1	14	25.4	140	22	18	14.5	4	23.6		• 102437	• 142789	
Ø" d ₁ UN	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm			ID	ID		
1 1/8	8	28.57	180	30	22	18	4	25.5	• 102415	• 142790		
1 1/4	8	31.75	180	30	22	18	4	28.7	• 102414	• 142520		
1 3/8	8	34.92	200	36	28	22	5	31.8	• 104896	• 142792		
1 1/2	8	38.1	200	40	32	24	5	35	• 102413	• 142793		
1 3/4	8	44.45	220	44	36	29	5	41.4		• 115198		
2	8	50.8	250	38	40	32	5	47.7		• 111622		

UNEE, UNS, UN