

























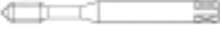

















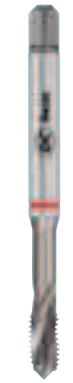







































		N					Z	
Характеристики Cechy charakterystyczne				 V	 R40 V	 	 V	 VS
					 	  	 	
Типы отверстий Typ otworu								
		N310-3	N320-3 N320-4	N320V-4	N360-3 N360V-3	N1110 -1-2-3-S	Z320V-3 Z320V-4	Z320VS-4
Длинный по DIN DIN długi	DIN 371	114	114	114	116		118	118
Короткий по ISO ISO krótki	ISO 529					128		
Класс точности Tolerancja	UNC 2B	114	114	114	116	128	118	118
Класс точности Tolerancja	UNC 3B							
Класс точности Tolerancja	UNC(J) 3B		114		116			
		N410-3	N420-4	N420V-4	N460-3 N460V-3	N1210 -1-2-3-S	Z420V-4	Z420VS-4
Длинный по DIN DIN długi	DIN 376	115	115	115	117		118	118
Короткий по ISO ISO krótki	ISO 529					129		
Класс точности Tolerancja	UNC 2B	115	115	115	117	129	118	118
Класс точности Tolerancja	UNC 3B							
Класс точности Tolerancja	UNC(J) 3B							

Z		H		S		SA		
								
								
								
								
Z360V-3 Z362V-3	Z370VS-3	H320-4	H350-3	S320VS-4	S360VS-3	SA320-4	SA350-3	SA390-3
119	120	121	121	122	123	124	124	125
119	120	121	121	122	123	124	124	
	120			122		124	124	125
Z462V-3	Z470VS-3	H420-4	H450-3	S420VS-4	S460VS-3	SA420-4	SA450-3	
119	120	121	121	122	123	125	125	
119	120	121	121	122	123	125	125	

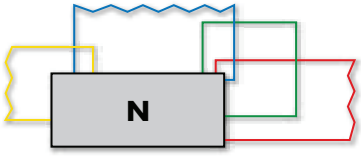







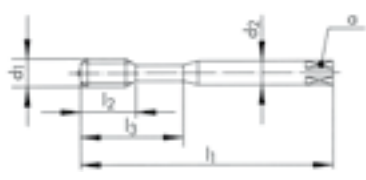









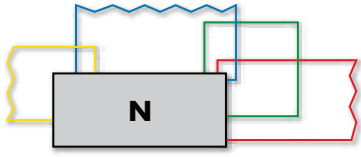












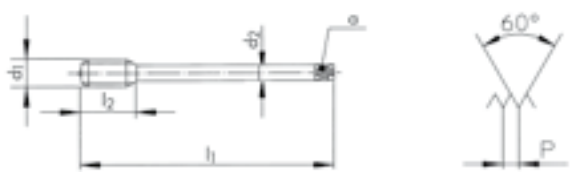





	TL		RTS		FS	FPS	FAS
Характеристики Cechy charakterystyczne	 VS	 VS	 VS	 VS	 VS	 VS	 VS
							
Типы отверстий Typ otworu							
	TL320VS-4	TL351VS-3	RTS320VS-4	RTS362VS-3	FS380VS-3	FPS381VS-3	FAS381VS-3
Длинный по DIN DIN długi	DIN 371	124	124	126	126		
Длинный по DIN DIN długi	~ DIN 2184-1				127	127	127
Класс точности Tolerancja	UNC 2B	124	124	126	126	127	127
Класс точности Tolerancja	UNC 3B						
Класс точности Tolerancja	UNC(J) 3B	124	124				
			RTS420VS-4	RTS462VS-3			
Длинный по DIN DIN długi	DIN 376		126	126			
Длинный по DIN DIN długi	~ DIN 2184-1						
Класс точности Tolerancja	UNC 2B		126	126			
Класс точности Tolerancja	UNC 3B						
Класс точности Tolerancja	UNC(J) 3B						

aero

THREADING TOOLS FOR AEROSPACE MATERIALS



										N310-3	N320-4	N320V-4	
													
N310-3													
N320-4													
N320V-4	 V												
 													
										2B	2B	2B	
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	
*2	56	2.18	45	9.0		2.8	2.1	2	1.75		101469	143690	
*3	48	2.51	50	10.0		2.8	2.1	2	2.00		101470		
4	40	2.84	56	12.0	18	3.5	2.7	3	2.25	101450	101511	142738	
5	40	3.17	56	12.0	18	3.5	2.7	3	2.55		101512		
6	32	3.50	56	13.0	20	4.0	3.0	3	2.75	101451	101514	144402	
8	32	4.16	63	14.0	21	4.5	3.4	3	3.40	101452	101515	142739	
10	24	4.82	70	15.0	25	6.0	4.9	3	3.80	101449	101508	142740	
12	24	5.48	80	17.0	30	6.0	4.9	3	4.40		101509		
1/4	20	6.35	80	17.0	30	7.0	5.5	3	5.10	101448	101507	142741	
													3B UNC(J)
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID			
4	40	2.84	56	12.0	18	3.5	2.7	3	2.30		145656		
6	32	3.50	56	13.0	20	4.0	3.0	3	2.80		155317		
8	32	4.16	63	14.0	21	4.5	3.4	3	3.45		155319		
* N320-3													

										N410-3	N420-4	N420V-4
										N410-3		
N420-4												
N420V-4	 V											
												
										2B	2B	2B
$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm			ID	ID	ID	
5/16	18	7.93	90	20.0	6.0	4.9	3	6.50	101997	102213	142742	
3/8	16	9.52	100	22.0	7.0	5.5	3	8.00	101996	102212	142743	
7/16	14	11.11	100	19.0	8.0	6.2	3	9.30		102215	142744	
1/2	13	12.70	110	24.0	9.0	7.0	3	10.80	101993	102208	142745	
9/16	12	14.28	110	28.0	11.0	9.0	3	12.20		102217		
5/8	11	15.87	110	30.0	12.0	9.0	3	13.60	101998	102214	142746	
3/4	10	19.05	125	33.0	14.0	11.0	3	16.60	101995	102211	142747	
7/8	9	22.22	140	36.0	18.0	14.5	3	19.50		102216	142748	
1	8	25.40	160	39.0	18.0	14.5	4	22.30	101994	102209	142749	
1 1/8	7	28.57	180	45.0	22.0	18.0	4	25.00		102205		
1 1/4	7	31.75	180	45.0	22.0	18.0	4	28.20	* 101991	102204		
1 1/2	6	38.10	200	55.0	32.0	24.0	4	34.00	* 101990	102203		
1 3/4	5	44.45	220	59.0	36.0	29.0	4	39.50	* 101992	102206		
2	4.5	50.80	250	67.0	40.0	32.0	4	45.30		102210		

UNC ANSI B1.1

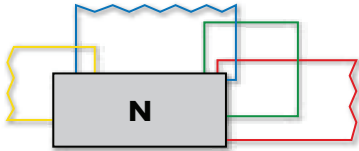
≤ Ø 2.8 > Ø 2.8

PM

HSSE



		N360-3		N360V-3		N360-3						
N360-3 												
N360V-3 												
N360-3 												
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID
2	56	2.18	45	8.0		2.8	2.1	2	1.75	101673	148887	
3	48	2.51	50	9.0		2.8	2.1	2	2.00	101674		
4	40	2.84	56	5.5	18	3.5	2.7	3	¹ 2.25	101676	101725	155316
5	40	3.17	56	5.5	18	3.5	2.7	3	2.55	101677		
6	32	3.50	56	6.5	20	4.0	3.0	3	² 2.75	101679	101727	155318
8	32	4.16	63	7.5	21	4.5	3.4	3	³ 3.40	101680	101728	155320
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80	101671	101723	
12	24	5.48	80	11.0	30	6.0	4.9	3	4.40	101672		
1/4	20	6.35	80	11.0	30	7.0	5.5	3	5.10	101670	101722	
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50	101678	101726	
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00	101675	101724	
UNJC												
¹ 2.30												
² 2.80												
³ 3.45												



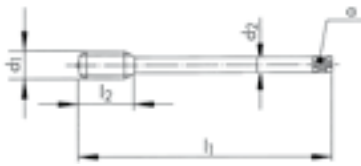
N460-3

N460V-3

N460-3





N460V-3



2B

2B

Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	α mm		
7/16	14	11.11	100	14.0	8.0	6.2	3	9.30
1/2	13	12.70	110	14.0	9.0	7.0	3	10.80
9/16	12	14.28	110	14.0	11.0	9.0	3	12.20
5/8	11	15.87	110	18.0	12.0	9.0	3	13.60
3/4	10	19.05	125	21.0	14.0	11.0	3	16.60
7/8	9	22.22	140	24.0	18.0	14.5	4	19.50
1	8	25.40	160	27.0	18.0	14.5	4	22.30
1 1/8	7	28.57	180	30.0	22.0	18.0	4	25.00
1 1/4	7	31.75	180	30.0	22.0	18.0	4	28.20
1 1/2	6	38.10	200	40.0	32.0	24.0	5	34.00
1 3/4	5	44.45	220	44.0	36.0	29.0	5	39.50
2	4.5	50.80	250	52.0	40.0	32.0	5	45.30

ID

ID

102424

105135

102420

102497

102426

102502

102423

102500

102422

102499

102425

102501

102421

102498

102418

102495

102417

102494

102416

102493

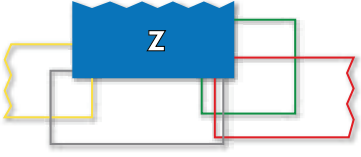





















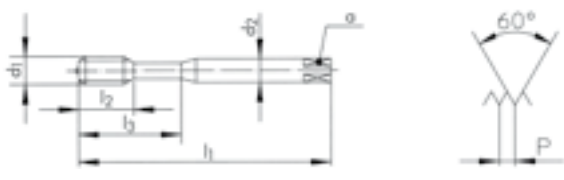








128062

128084

										Z320V-4	Z320VS-4	Z420V-4	Z420VS-4
Z320V-4		V	21 22 23 41 42 51										
Z320VS-4		VS	21 22 23 24 51 61										
Z420V-4		V	21 22 23 41 42 51										
Z420VS-4		VS	21 22 23 24 51 61										
										2B	2B	2B	2B
\varnothing d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
*2	56	2.18	45	9.0		2.8	2.1	2	1.75	142750			
4	40	2.84	56	12.0	18	3.5	2.7	3	2.25	142751			
6	32	3.50	56	13.0	20	4.0	3.0	3	2.75	142752	111560		
8	32	4.16	63	14.0	21	4.5	3.4	3	3.40	142753	111561		
10	24	4.82	70	15.0	25	6.0	4.9	3	3.80	142754	111562		
1/4	20	6.35	80	17.0	30	7.0	5.5	3	5.10	142755	111563		
5/16	18	7.93	90	20.0	35	8.0	6.2	3	6.50	142756	111564		
3/8	16	9.52	100	22.0	39	10.0	8.0	3	8.00	142757	111565		
1/2	13	12.70	110	24.0		9.0	7.0	3	10.80			142758	111566
5/8	11	15.87	110	30.0		12.0	9.0	3	13.60			142759	111567
3/4	10	19.05	125	33.0		14.0	11.0	4	16.60			142760	111568
7/8	9	22.22	140	36.0		18.0	14.5	4	19.50			142761	
1	8	25.40	160	39.0		18.0	14.5	4	22.30			142762	

* Z320V-3



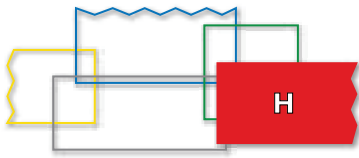
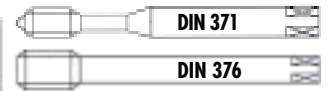
										Z362V-3	Z362VS-3	Z462V-3	
										Z362V-3			
Z362VS-3													
Z462V-3													
													
													
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	
*2	56	2.18	45	8.0		2.8	2.1	2	1.75	104695			
*4	40	2.84	56	5.5	18	3.5	2.7	3	2.25	104697			
6	32	3.50	56	6.5	20	4.0	3.0	3	2.75	104699	* 111543		
8	32	4.16	63	7.5	21	4.5	3.4	3	3.40	104700	* 111544		
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80	104694			
1/4	20	6.35	80	11.0	30	7.0	5.5	3	5.10	104693			
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50	104698			
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00	104696	* 111548		
7/16	14	11.11	100	14.0		8.0	6.2	3	9.30			104757	
1/2	13	12.70	110	14.0		9.0	7.0	3	10.80			104753	
5/8	11	15.87	110	18.0		12.0	9.0	3	13.60			104756	
3/4	10	19.05	125	21.0		14.0	11.0	3	16.60			104755	
7/8	9	22.22	140	24.0		18.0	14.5	3	19.50			104758	
1	8	25.40	160	27.0		18.0	14.5	4	22.30			104754	

* Z360V-3

										Z370VS-3	Z470VS-3		
<p>Z370VS-3</p>													
<p>Z470VS-3</p>													
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm			ID	ID		
6	32	3.50	56	6.5	20	4.0(h9)	3.0	3	2.75	166123			
8	32	4.16	63	7.5	21	4.5(h9)	3.4	3	3.40	166124			
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80	166125			
1/4	20	6.35	80	11.0	30	*6.0	*4.9	3	5.10	166126			
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50	166127			
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00	166128			
7/16	14	11.11	100	14.0		8.0	6.2	3	9.30		166129		
1/2	13	12.70	110	14.0		*10.0	*8.0	4	10.80		166130		
5/8	11	15.87	110	18.0		12.0	9.0	4	13.60		166131		
3/4	10	19.05	125	21.0		14.0	11.0	4	16.60		166132		
1	8	25.40	160	27.0		16.0	12.0	4	22.30		175703		
* Norme DC / * DC Norm / * Norma DC													
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm			ID			
4	40	2.84	56	5.5	18	3.5(h9)	2.7	3	2.30	165114			
6	32	3.50	56	6.5	20	4.0(h9)	3.0	3	2.80	165115			
8	32	4.16	63	7.5	21	4.5(h9)	3.4	3	3.45	165116			
1/4	20	6.35	80	11.0	30	*6.0	*4.9	3	5.20	165117			
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.70	165118			
* Norme DC / * DC Norm / * Norma DC													

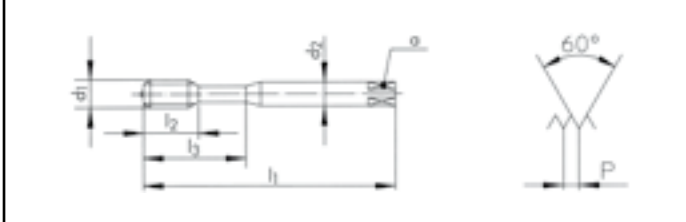
UNC ANSI B1.1

PM



H320-4		
H420-4		
H350-3		
H450-3		

H320-4	H420-4	H350-3	H450-3



2B	2B	2B	2B

Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
2	56	2.18	45	8.0		2.8	2.1	2	1.75
4	40	2.84	56	10.0	18	3.5	2.7	3	2.25
6	32	3.50	56	13.0	20	4.0	3.0	3	2.75
8	32	4.16	63	14.0	21	4.5	3.4	3	3.40
10	24	4.82	70	15.0	25	6.0	4.9	3	3.80
1/4	20	6.35	80	17.0	30	7.0	5.5	3	5.10
5/16	18	7.93	90	20.0	35	8.0	6.2	3	6.50
3/8	16	9.52	100	22.0	39	10.0	8.0	3	8.00
1/2	13	12.70	110	24.0		9.0	7.0	4	10.80

ID	ID
101221	
101223	
101225	
101226	
101220	
101219	
101224	
101222	
	101290

Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
2	56	2.18	45	8.0		2.8	2.1	2	1.75
4	40	2.84	56	5.5	18	3.5	2.7	3	2.25
6	32	3.50	56	6.5	20	4.0	3.0	3	2.75
8	32	4.16	63	7.5	21	4.5	3.4	3	3.40
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80
1/4	20	6.35	80	11.0	30	7.0	5.5	3	5.10
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00
7/16	14	11.11	100	14.0		8.0	6.2	3	9.30
1/2	13	12.70	110	14.0		9.0	7.0	4	10.80
5/8	11	15.87	110	18.0		12.0	9.0	4	13.60
3/4	10	19.05	125	21.0		14.0	11.0	4	16.60
1	8	25.40	160	27.0		18.0	14.5	4	22.30

ID	ID
101258	
101260	
101262	
101263	
101257	
101256	
101261	
101259	
	101330
	101326
	101329
	101328
	101327

										S320VS-4	S420VS-4		
S320VS-4		VS											
S420VS-4		VS											
\varnothing d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID		
6	32	3.50	56	13.0	20	4.0	3.0	3	2.75	111587			
8	32	4.16	63	14.0	21	4.5	3.4	3	3.40	111588			
10	24	4.82	70	15.0	25	6.0	4.9	3	3.80	* 111589			
1/4	20	6.35	80	17.0	30	7.0	5.5	3	5.10	111590			
5/16	18	7.93	90	20.0	35	8.0	6.2	3	6.50	111591			
3/8	16	9.52	100	22.0	39	10.0	8.0	3	8.00	111592			
1/2	13	12.70	110	24.0		9.0	7.0	4	10.80		111593		
5/8	11	15.87	110	30.0		12.0	9.0	4	13.60		111594		
3/4	10	19.05	125	33.0		14.0	11.0	4	16.60		111595		
\varnothing d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID			
4	40	2.84	56	12.0	18	3.5	2.7	3	2.30	165314			
6	32	3.50	56	13.0	20	4.0	3.0	3	2.80	165315			
8	32	4.16	63	14.0	21	4.5	3.4	3	3.45	165316			
1/4	20	6.35	80	17.0	30	7.0	5.5	3	5.20	165317			
5/16	18	7.93	90	20.0	35	8.0	6.2	3	6.70	* 143761			

										S360VS-3	S460VS-3				
S360VS-3		VS													
S460VS-3		VS													
$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm			ID	ID				
6	32	3.50	56	6.5	20	4.0	3.0	3	2.75	111530					
8	32	4.16	63	7.5	21	4.5	3.4	3	3.40	111531					
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80	* 111532					
1/4	20	6.35	80	11.0	30	7.0	5.5	3	5.10	111533					
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50	111534					
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00	111535					
1/2	13	12.70	110	14.0		9.0	7.0	4	10.80		111537				
3/4	10	19.05	125	21.0		14.0	11.0	4	16.60		* 111539				

aero

SA320-4 SA350-3 TL320VS-4 TL351VS-3



SA320-4



SA350-3



TL320VS-4



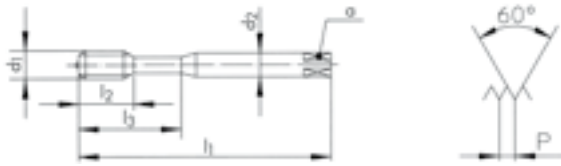
VS





TL351VS-3





VS



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
4	40	2.84	56	12.0		3.5	2.7	3	2.25
5	40	3.17	56	12.0		3.5	2.7	3	2.55
6	32	3.50	56	13.0		4.0	3.0	3	2.75
8	32	4.16	63	14.0		4.5	3.4	3	3.40
10	24	4.82	70	15.0		6.0	4.9	3	3.80
1/4	20	6.35	80	15.0	23	7.0	5.5	3	5.10
5/16	18	7.93	90	18.0	29	8.0	6.2	3	6.50
3/8	16	9.52	100	20.0	33	10.0	8.0	3	8.00

ID	ID	ID	ID
147271	149003		152018
* 149031	* 149033	* 152023	* 152024
149055	149057	* 152027	152028
149093	149095	* 152036	152037
149125	* 149127	* 152042	* 152043
149222	149224	* 152062	127972
149269	149271		152068
149346	149348	* 152084	152085



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		 UNC
4	40	2.84	56	12.0		3.5	2.7	3	2.30
6	32	3.50	56	13.0		4.0	3.0	3	2.80
8	32	4.16	63	14.0		4.5	3.4	3	3.45
10	24	4.82	70	15.0		6.0	4.9	3	3.90
1/4	20	6.35	80	15.0	23	7.0	5.5	3	5.20
5/16	18	7.93	90	18.0	29	8.0	6.2	3	6.70
3/8	16	9.52	100	20.0	33	10.0	8.0	3	8.10

ID	ID	ID	ID
149005	149007	* 148804	150194
149059	149061	* 152029	150210
149097	149099	* 152038	152039
* 149129	* 149131		* 152045
149226	149228	* 152063	152064
149273	149275	* 152069	152070
149350	149352	* 152086	152087

aero

SA420-4

SA450-3

SA390-3



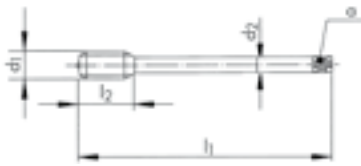
SA420-4



SA450-3



SA390-3



$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	α mm		
7/16	14	11.11	100	22.0	8.0	6.2	3	9.30
1/2	13	12.70	110	24.0	9.0	7.0	4	10.80
5/8	11	15.87	110	30.0	12.0	9.0	4	13.60
3/4	10	19.05	125	33.0	14.0	11.0	4	16.60

ID

ID

* 152246

152247

152252

152249

152254

* 152250



$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	α mm		
4	40	2.84	56	12.0	3.5	2.7	3	2.30
6	32	3.50	56	13.0	4.0	3.0	3	2.80
8	32	4.16	63	14.0	4.5	3.4	3	3.45
10	24	4.82	70	15.0	6.0	4.9	3	3.90
1/4	20	6.35	80	20.0	7.0	5.5	3	5.20
5/16	18	7.93	90	25.0	8.0	6.2	3	6.70
3/8	16	9.52	100	30.0	10.0	8.0	3	8.10

3B
UNC(J)

ID

149652

149666

149677

149685

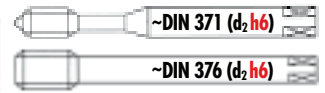
149713

149726

149747



Uniquement pour taraudage synchro
 Nur für Synchrobearbeitung
 Only for rigid tapping
 Solo per maschiatura sincrona
 Solo para roscado sincronizado



RTS Rigid Tapping Synchro

RTS320VS-4



11	12	13	14
15	21	22	31
32	61	63	72
73	74		

RTS420VS-4



RTS362VS-3



11	12	13	14
15	21	22	31
32	61	63	72
73	74		

RTS462VS-3

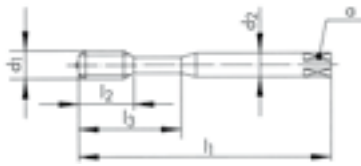


RTS320VS-4

RTS420VS-4

RTS362VS-3

RTS462VS-3



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	α mm		
6	32	3.50	56	6.5	20	4.0(h9)	3.0	3	2.75
8	32	4.16	63	7.5	21	4.5(h9)	3.4	3	3.40
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80
1/4	20	6.35	80	11.0	30	*6.0	*4.9	3	5.10
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00
1/2	13	12.70	110	14.0		*10.0	*8.0	3	10.80

ID

ID

ID

ID

157395

157402

157396

157403

157397

157404

157398

157405

157399

157406

157400

157407

157401

157408

* Norme DC / * DC Norm / * Norma DC



sur demande
 auf Anfrage
 on request
 su richiesta
 sobre pedido

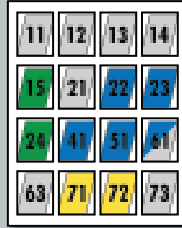
FS FPS
FAS

FORMING

FS380VS-3



VS



FPS381VS-3



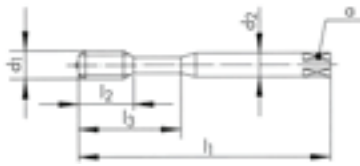
VS



FAS381VS-3



VS



FS380VS-3

FPS381VS-3

FAS381VS-3



2BX

2BX

2BX

$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	α mm	2BX Tol. → ←
2	56	2.18	45	9.0		2.8	2.1	1.95 + 0.02
4	40	2.84	56	12.0	18	3.5	2.7	2.55 + 0.03
6	32	3.50	56	13.0	20	4.0	3.0	3.15 + 0.03
8	32	4.16	63	14.0	21	4.5	3.4	3.80 + 0.03
10	24	4.82	70	15.0	25	6.0	4.9	4.35 + 0.05
1/4	20	6.35	80	17.0	30	7.0	5.5	5.75 + 0.05
5/16	18	7.93	90	20.0	35	8.0	6.2	7.30 + 0.05

ID

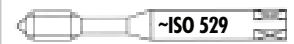
ID

ID

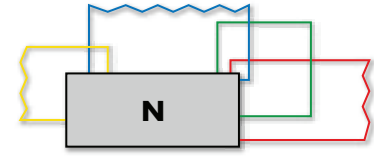
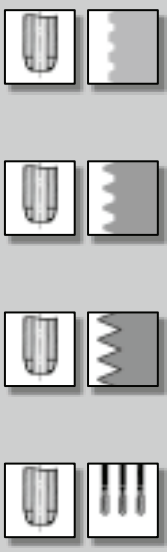
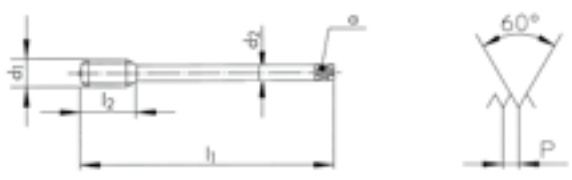
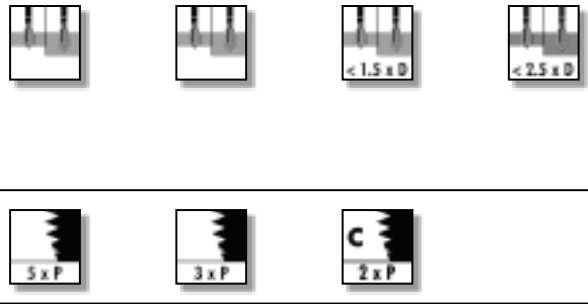


157285

170063
166713
166714
166715
166716
* 166717

170065
166725
166726
166727
166728
* 166729



										N1110-1	N1110-2	N1110-3	N1110-S
N1110-1													
N1110-2													
N1110-3													
N1110-S													
										2B		2B	
Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
2	56	2.18	45	9.5		2.80	2.10	3	1.75	102799	102885	102998	111067
3	48	2.51	45	9.5		2.80	2.10	3	2.00	* 102800	* 102886	* 102999	* 111068
4	40	2.84	48	11.0	18	3.15	2.50	3	2.25	102802	102888	103001	111070
5	40	3.17	48	11.0	18	3.15	2.50	3	2.55			103002	
6	32	3.50	50	13.0	20	3.55	2.80	3	2.75	102805	102891	103004	111073
8	32	4.16	53	13.0	21	4.50	3.55	3	3.40	102806	102892	103005	111074
10	24	4.82	58	16.0	25	5.00	4.00	3	3.80	102797	102883	102996	111065
1/4	20	6.35	66	19.0	30	6.30	5.00	3	5.10	102796	102882	102995	111064
5/16	18	7.93	72	22.0	35	8.00	6.30	3	6.50	102804	102890	103003	111072
3/8	16	9.52	80	24.0	39	10.00	8.00	3	8.00	102801	102887	103000	111069

										N1210-1	N1210-2	N1210-3	N1210-S
													
													
												2B	2B
$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	a mm				ID	ID	ID	ID
7/16	14	11.11	85	22.0	8.0	6.3	3	9.30		103392	103466	103606	111236
1/2	13	12.70	89	24.0	9.0	7.1	3	10.80		103387	103461	103601	111229
5/8	11	15.87	102	32.0	12.5	10.0	3	13.60		103391	103465	103605	111235
3/4	10	19.05	112	33.0	14.0	11.2	3	16.60		103390	103464	103604	111234
1	8	25.40	130	45.0	18.0	14.0	4	22.30		103388	103462	103602	111230