









































	N				Z	S	
Характеристики Cechy charakterystyczne 		 V	 R40	 R40	 R45	 VS	 VS
							
Типы отверстий Typ otworu 							
	N320-4	N320V-4	N360-3	N360V-3	Z370VS-3	S320VS-4	S360VS-3
Длинный по DIN DIN długi ~DIN 40435	176	176	177	177			
Длинный по DIN DIN długi ~DIN 2184-1	180/183		180/183		181/184	184	184
Резьба Gwint EG M	176	176	177	177			
Резьба Gwint EG UNC	180		180		181		
Резьба Gwint EG UNF	183		183		184	184	184
	N420-4	N420V-4	N460-3	N460V-3			
Длинный по DIN DIN długi ~DIN 40435	176	176	177	177			
Длинный по DIN DIN długi ~DIN 2184-1	180/183		180/183				
Резьба Gwint EG M	176	176	177	177			
Резьба Gwint EG UNC	180		180				
Резьба Gwint EG UNF	183		183				

EG

Указатель – Машинные метчики для резьбовых вставок, EG M, EG UNC, EG UNF
Skorowidz – Gwintowniki maszynowe pod wkładki HELICOIL, EG M, EG UNC, EG UNF

SA			TL	
			 VS	 VS
				
				
SA320-4	SA350-3	SA390-3	TL320VS-4	TL351VS-3
178	178	179	178	178
182/185	182/185	184	182/185	182/185
178	178	179	178	178
182	182		182	182
185	185	184	185	185

**THREADING
TECHNOLOGY**



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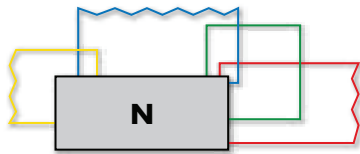
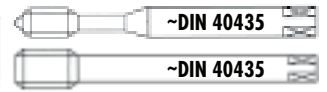
EG M, EG UN



≤ Ø 2.8 > Ø 2.8

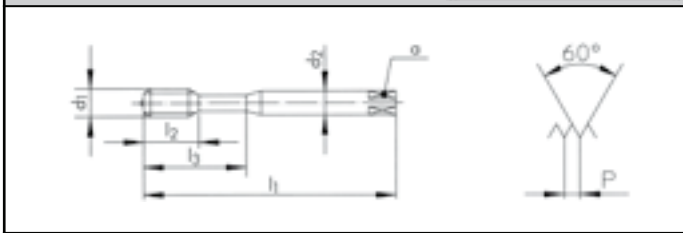
PM

HSSE



N320-4		<table border="1"> <tr> <td>51</td> <td>63</td> <td>71</td> <td>72</td> <td>73</td> </tr> <tr> <td>81</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	51	63	71	72	73	81				
51	63	71	72	73								
81												
N320V-4	V	<table border="1"> <tr> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>21</td> </tr> <tr> <td>32</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	11	12	13	14	21	32				
11	12	13	14	21								
32												
N420-4		<table border="1"> <tr> <td>51</td> <td>63</td> <td>71</td> <td>72</td> <td>73</td> </tr> <tr> <td>81</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	51	63	71	72	73	81				
51	63	71	72	73								
81												
N420V-4	V	<table border="1"> <tr> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>21</td> </tr> <tr> <td>32</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	11	12	13	14	21	32				
11	12	13	14	21								
32												

N320-4	N320V-4	N420-4	N420V-4



6H mod	6H mod	6H mod	6H mod

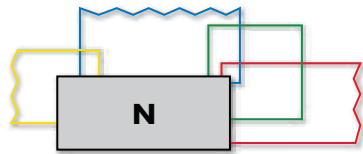
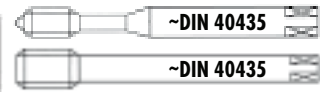
Ø d ₁ EG M	P mm	d ₂ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm			ID	ID	ID	ID
2	0.40	2.520	50	10.0		2.8	2.1	3	2.10	101537	118788		
2.5	0.45	3.084	56	12.0	18	3.5	2.7	3	2.65	101538			
3	0.50	3.650	56	13.0	20	4.0	3.0	3	3.15	101539	142804		
4	0.70	4.910	70	15.0	25	6.0	4.9	3	4.20	101540	142805		
5	0.80	6.040	80	17.0	30	6.0	4.9	3	5.25	101541	142806		
6	1.00	7.300	80	17.0	30	7.0	5.5	3	6.30	101542	142807		
8	1.25	9.624	100	22.0	39	10.0	8.0	3	8.40	101543	142808		
10	1.50	11.948	100	24.0		9.0	7.0	3	10.40			102252	142809
12	1.75	14.274	110	28.0		11.0	9.0	3	12.50			102253	142810
14	2.00	16.598	110	30.0		12.0	9.0	3	14.60				* 142811
16	2.00	18.598	125	33.0		14.0	11.0	3	16.60			102255	142812



≤ Ø 2.8 > Ø 2.8

PM

HSSE



N360-3



81	63	71	72	73
81				

N360V-3



11	12	13	14	21
32				

N460-3



81	63	71	72	73
81				

N460V-3



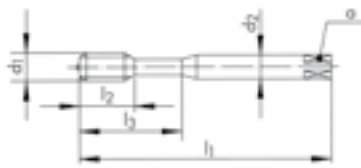
11	12	13	14	21
32				

N360-3

N360V-3

N460-3

N460V-3



Ø d ₁ EG M	P mm	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
2	0.40	2.520	50	9.0		2.8	2.1	2	2.10
2.5	0.45	3.084	56	5.5	18	3.5	2.7	3	2.65
3	0.50	3.650	56	6.5	20	4.0	3.0	3	3.15
4	0.70	4.910	70	9.0	25	6.0	4.9	3	4.20
5	0.80	6.040	80	11.0	30	6.0	4.9	3	5.25
6	1.00	7.300	80	11.0	30	7.0	5.5	3	6.30
8	1.25	9.624	100	14.0	39	10.0	8.0	3	8.40
10	1.50	11.948	100	14.0		9.0	7.0	3	10.40
12	1.75	14.274	110	14.0		11.0	9.0	3	12.50
14	2.00	16.598	110	18.0		12.0	9.0	3	14.60
16	2.00	18.598	125	21.0		14.0	11.0	3	16.60

ID

ID

ID

ID

101599

101600

101601

142813

101602

142814

101603

142815

101604

142816

101605

142817

102335

142818

102336

142819

102337

142820

102338

142821



aero

SA320-4

SA350-3

TL320VS-4

TL351VS-3



SA320-4



SA350-3



TL320VS-4



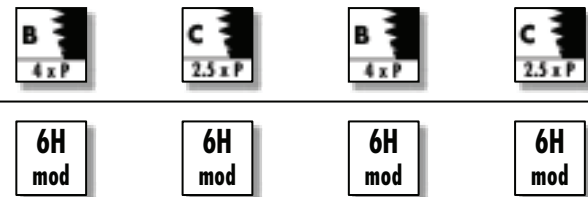
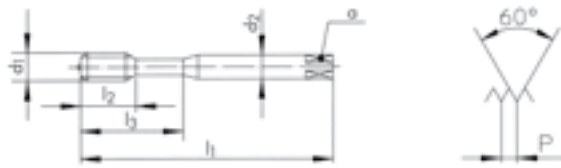
VS



TL351VS-3



VS



$\varnothing d_1$ EG M	P mm	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm		
3	0.50	3.650	56	13.0		4.0	3.0	3	3.15
4	0.70	4.910	70	15.0		6.0	4.9	3	4.20
5	0.80	6.040	80	15.0	23	6.0	4.9	3	5.25
6	1.00	7.300	80	15.0	23	7.0	5.5	3	6.30
8	1.25	9.624	100	20.0	33	10.0	8.0	3	8.40

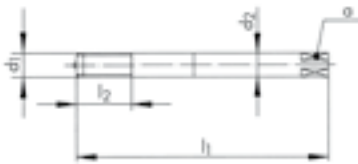
ID	ID	ID	ID
147676	147682	* 152001	150478
147678	147684	* 152002	152003
147680	147686		150184
147688	147692	* 152004	152005
149354	149356	* 152088	152089



aero

SA390-3

SA390-3



$\varnothing d_1$ EG M	P mm	d_1 mm	l_1 mm	l_2 mm	d_2 mm	α mm		
3	0.50	3.650	56	13.0	4.0	3.0	3	3.15
4	0.70	4.910	70	15.0	6.0	4.9	3	4.20
5	0.80	6.040	80	20.0	6.0	4.9	3	5.25
6	1.00	7.300	80	20.0	7.0	5.5	3	6.30
8	1.25	9.624	100	30.0	10.0	8.0	3	8.40
10	1.50	11.948	110	35.0	12.0	9.0	3	10.40

ID

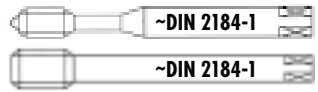
149669
149688
149710
149723
149748
149767

EG UNC

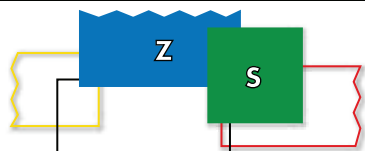
NASM33537



HSSE

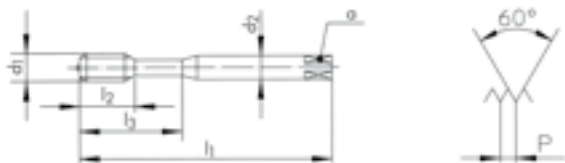


										N320-4	N420-4	N360-3	N460-3
N320-4													
N420-4													
N360-3													
N460-3													
										3B		3B	
$\varnothing'' d_1$ EG UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm			ID	ID		
4	40	3.67	56	13.0	20	4.0	3.0	3	3.05	110946			
6	32	4.53	70	15.0	25	6.0	4.9	3	3.75	110948			
8	32	5.19	70	15.0	25	6.0	4.9	3	4.45	110949			
10	24	6.20	80	17.0	30	7.0	5.5	3	5.10	* 110945			
1/4	20	8.00	90	20.0	35	8.0	6.2	3	6.70	110944			
5/16	18	9.77	100	22.0	39	10.0	8.0	3	8.40	110947			
3/8	16	11.59	110	24.0		9.0	7.0	3	10.00		110033		
1/2	13	15.23	110	30.0		12.0	9.0	3	13.30		104935		
$\varnothing'' d_1$ EG UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm			ID	ID		
4	40	3.67	56	6.5	20	4.0	3.0	3	3.05		110018		
6	32	4.53	70	9.0	25	6.0	4.9	3	3.75		110019		
8	32	5.19	70	9.0	25	6.0	4.9	3	4.45		110956		
10	24	6.20	80	11.0	30	7.0	5.5	3	5.10		110954		
1/4	20	8.00	90	12.5	35	8.0	6.2	3	6.70		110024		
5/16	18	9.77	100	14.0	39	10.0	8.0	3	8.40		111759		
3/8	16	11.58	110	14.0		9.0	7.0	3	10.00			111715	
1/2	13	15.23	110	18.0		12.0	9.0	3	13.30			111558	



Z370VS-3

Z370VS-3



\varnothing d ₁ EG UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm			ID
4	40	3.67	56	6.5	20	4.0 (h9)	3.0	3	3.05	165126
6	32	4.53	70	9.0	25	6.0	4.9	3	3.75	165127
8	32	5.19	70	9.0	25	6.0	4.9	3	4.45	165128



aero

SA320-4

SA350-3

TL320VS-4

TL351VS-3



SA320-4



SA350-3



TL320VS-4



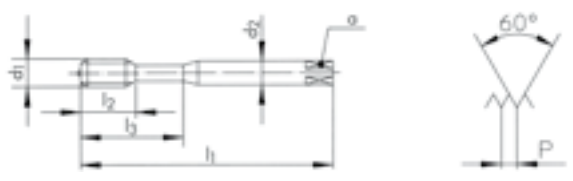
VS



TL351VS-3



VS



Ø" d ₁ EG UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
4	40	3.67	56	13.0		4.0	3.0	3	3.05
6	32	4.53	70	15.0		6.0	4.9	3	3.75
8	32	5.19	70	15.0		6.0	4.9	3	4.45
1/4	20	8.00	90	18.0	29	8.0	6.2	3	6.70
5/16	18	9.77	100	20.0	33	10.0	8.0	3	8.40

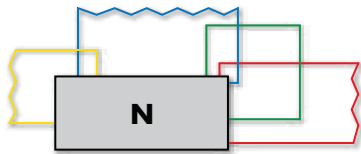
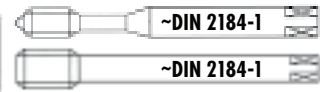
ID	ID	ID	ID
149073	149075	* 152030	152031
149121	149123	* 152040	152041
149170	149172	* 152052	152053
149284	149286	* 152073	152074
* 149358	* 149360	* 152090	* 152091

EG UNF

NASM33537



HSSE



N320-4

N420-4

N360-3

N460-3



N320-4



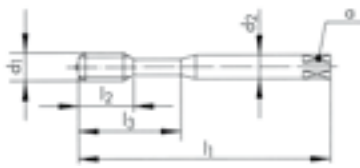
N420-4



N360-3



N460-3



Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
6	40	4.33	63	14.0	21	4.5	3.4	3	3.70
8	36	5.08	70	15.0	25	6.0	4.9	3	4.40
10	32	5.85	80	17.0	30	6.0	4.9	3	5.10
1/4	28	7.52	90	20.0	35	8.0	6.2	3	6.65
5/16	24	9.31	90	20.0	35	9.0	7.0	3	8.20
3/8	24	10.89	100	19.0		8.0	6.2	3	9.80
1/2	20	14.35	100	24.0		11.0	9.0	3	13.10

ID

ID

118879	
118882	
104941	
110234	
118876	
	118873
	118865

Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
6	40	4.33	63	7.5	21	4.5	3.4	3	3.70
8	36	5.08	70	9.0	25	6.0	4.9	3	4.40
10	32	5.85	80	11.0	30	6.0	4.9	3	5.10
1/4	28	7.52	90	12.5	35	8.0	6.2	3	6.65
5/16	24	9.31	90	12.5	35	9.0	7.0	3	8.20
3/8	24	10.89	100	19.0		8.0	6.2	3	9.80
1/2	20	14.35	100	14.0		11.0	9.0	3	13.10

ID

ID

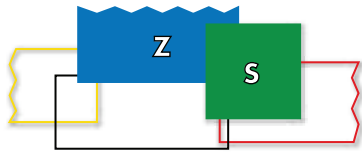
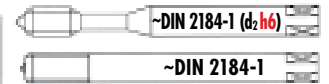
	110959
	110960
	104946
	110020
	111619
	110027
	104951

EG UNC
EG UNF

EG UNF NASM33537



PM



Z370VS-3 S320VS-4 S360VS-3 SA390-3

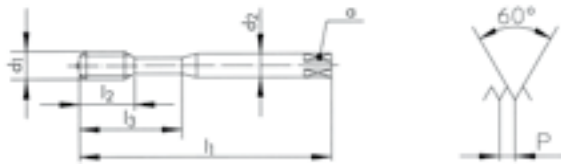


Z370VS-3

S320VS-4

S360VS-3

SA390-3



Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h6 mm	a mm		
10	32	5.85	80	11.0	30	6.0	4.9	3	5.10
1/4	28	7.52	90	12.5	35	8.0	6.2	3	6.65
5/16	24	9.31	90	12.5	35	*8.0	*6.2	3	8.20

ID
165129
165130
165131

* Norme DC / * DC Norm / * Norma DC

Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
10	32	5.85	80	17.0	30	6.0	4.9	3	5.10
1/4	28	7.52	90	20.0	35	8.0	6.2	3	6.65
5/16	24	9.31	90	20.0	35	9.0	7.0	3	8.20

ID
111821
111822
111823

Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
10	32	5.85	80	11.0	30	6.0	4.9	3	5.10
1/4	28	7.52	90	12.5	35	8.0	6.2	3	6.65
5/16	24	9.31	90	12.5	35	9.0	7.0	3	8.20

ID
111811
111812
111824

Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
10	32	5.85	80	20.0	6.0	4.9	3	5.10
1/4	28	7.52	90	25.0	8.0	6.2	3	6.65

ID
149702
149724



PM



aero

SA320-4

SA350-3

TL320VS-4

TL351VS-3



SA320-4



SA350-3



TL320VS-4



VS



TL351VS-3



VS



Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
10	32	5.85	80	15.0	23	6.0	4.9	3	5.10
1/4	28	7.52	90	18.0	29	8.0	6.2	3	6.65
5/16	24	9.31	90	20.0	31	9.0	7.0	3	8.20

ID

ID

ID

ID

149190

149192

* 148009

148008

146099

149268

* 148015

148014

149336

149338

148021