



≤ Ø 2.8 > Ø 2.8

PM

HSSE



~DIN 40435

~DIN 40435



										N320-4	N320V-4	N420-4	N420V-4
N320-4													
N320V-4	V												
N420-4													
N420V-4	V												
Ø d ₁ EG M	P mm	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α 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			* 110987	* 142811
16	2.00	18.598	125	33.0		14.0	11.0	3	16.60			102255	142812

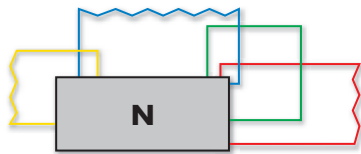
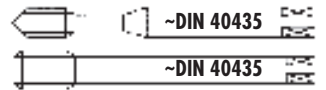
EG M ISO DIN 8140



≤ Ø 2.8 > Ø 2.8

PM

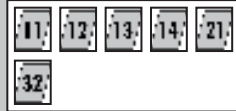
HSSE



N360-3



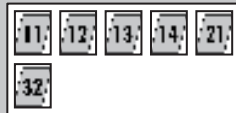
N360V-3



N460-3



N460V-3

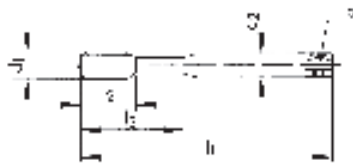


N360-3

N360V-3

N460-3

N460V-3





6H mod

6H mod

6H mod

6H mod

Ø d ₁ EG M	P mm	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α 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



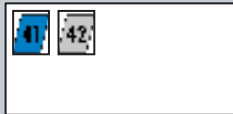
SA350-3



TL320VS-4



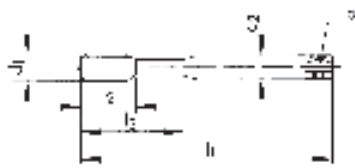
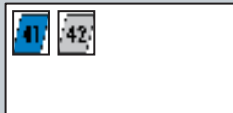
VS



TL351VS-3



VS



∅ d ₁ EG M	P mm	d ₂ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm	Flutes	Length 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	* 147808	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	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	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

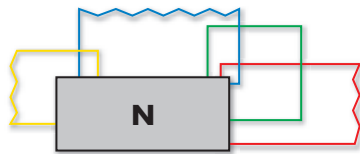



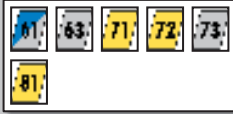























HSSE



~DIN 2184-1

~DIN 2184-1



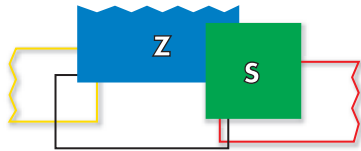
										N320-4	N420-4	N360-3	N460-3
<p>N320-4  </p> <p>N420-4  </p> <p>N360-3  </p> <p>N460-3  </p>													
													
													
$\varnothing'' d_1$ EG UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	α mm			ID	ID		
4	40	3.67	56	13.0	20	4.0	3.0	3	3.05	110946			
6	32	4.53	70	15.0	25	6.0	4.9	3	3.75	110948			
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	α 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		



PM



DIN 2184-1 (d₂ h₆)





Z370VS-3

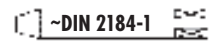
Z370VS-3



NEW



Ø" d ₁ EG UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h ₆ mm	α 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



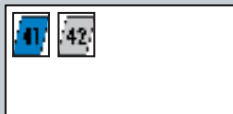
SA350-3



TL320VS-4



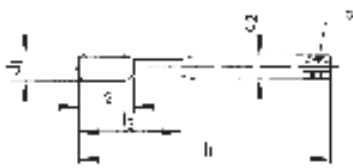
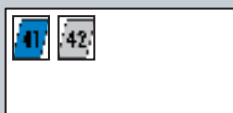
VS



TL351VS-3



VS



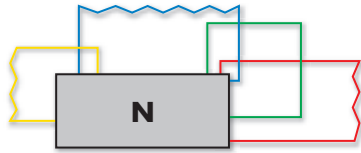
Ø" d ₁ EG UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
4	40	3.67	56	13.0		4.0	3.0	3	3.05
6	32	4.53	70	15.0		6.0	4.9	3	3.75
8	32	5.19	70	15.0		6.0	4.9	3	4.45
1/4	20	8.00	90	18.0	29	8.0	6.2	3	6.70
5/16	18	9.77	100	20.0	33	10.0	8.0	3	8.40

B 4 x P	C 2.5 x P	B 4 x P	C 2.5 x P
3B	3B	3B	3B
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



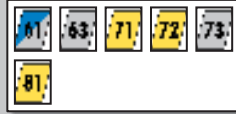
N320-4

N420-4

N360-3

N460-3

N320-4



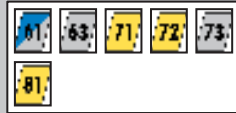
N420-4



N360-3



N460-3



3B

3B

3B

3B



$\varnothing'' d_1$ EG UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	α 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

$\varnothing'' d_1$ EG UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	α 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

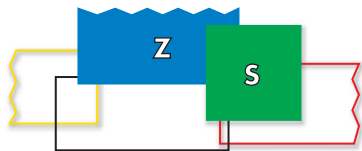
EG UNF NASM33537



PM



DIN 2184-1 (d₂ h₆)



Z370VS-3

Z370VS-3



VS



NEW



3B

Ø" d ₁ EG UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ h ₆ mm	α mm			ID
10	32	5.85	80	11.0	30	6.0	4.9	3	5.10	165129
1/4	28	7.52	90	12.5	35	8.0	6.2	3	6.65	165130
5/16	24	9.31	90	12.5	35	*8.0	*6.2	3	8.20	165131

* Norme DC / * DC Norm / * Norma DC



PM



~DIN 2184-1

AERO

SA320-4

SA350-3

TL320VS-4

TL351VS-3

SA320-4



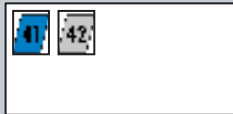
SA350-3



TL320VS-4



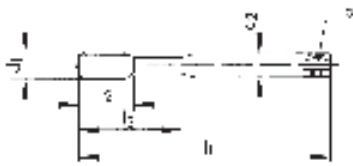
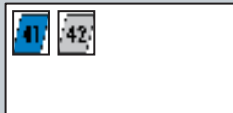
VS



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	α 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

* 148022

148021