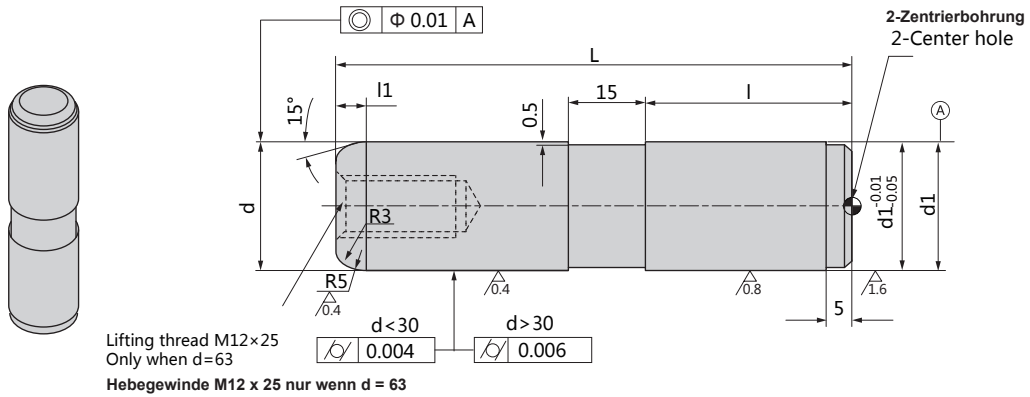




DM-ZGY



Hinweise:

1. Material 20.
2. Einsatzgehärtet und abgeschreckt 0,8-1,2 mm, HRC58~62
3. Für kleine bis mittlere Werkzeuge (Länge + Breite ≤ 2000)

Notes:

1. Material 20.
2. Carburizing and quenching 0.8-1.2mm, HRC58~62
3. Apply to small and medium-sized dies (Length + width ≤ 2000)

Katalog-Nr. / Catalog No.	d(g5)		d1(r6)		L	I	I1
	d	g5	d1	r6			
DM-ZGY	20	-0.007 -0.016	20	+0.041 +0.028	80	32	5
					100		
			25		-0.007 -0.016		
	100						
	120						
	32	-0.007 -0.016	32	+0.041 +0.028	140	50	
					120		
					140		
	40	-0.009 -0.020	40	+0.050 +0.034	160	65	
					180		
					160		
	50	-0.009 -0.020	50	+0.050 +0.034	180	80	
					200		
					220		
	63	-0.010 -0.023	63	+0.060 +0.041	180	100	
					200		
					220		
					250		
				280			
				320			

Bestellnummer / Order Number



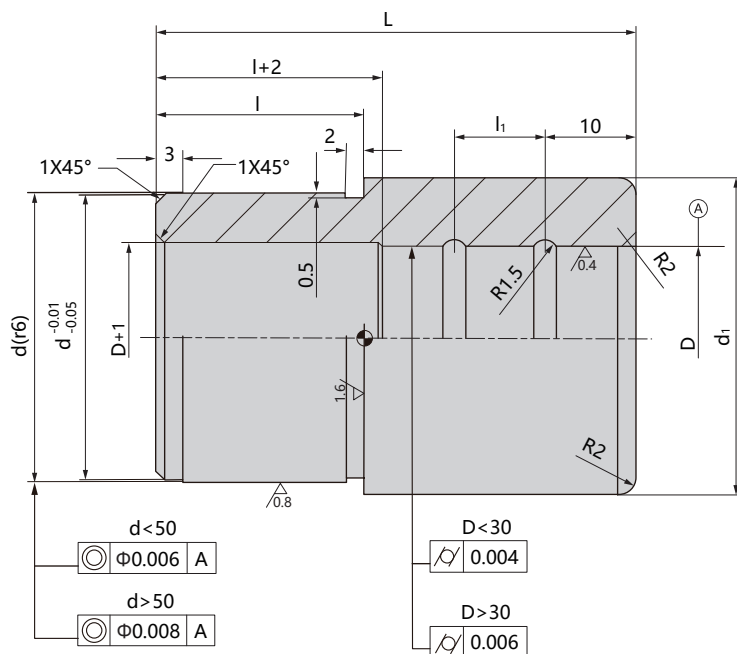
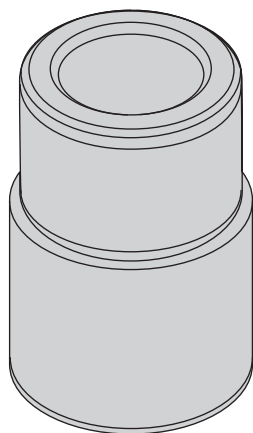
Bestellung
Order

Katalog-Nr. / Catalog No.

DM-ZGY

- d - L
- 20 - 80



DM-TGA

Hinweise:

1. Material 20.
2. Einsatzgehärtet und abgeschreckt 0,8-1,2 mm, HRC58~62
3. Verwendung zusammen mit DM-ZGY

Notes:

1. Material 20.
2. Carburizing and quenching 0.8-1.2mm, HRC58~62
3. Used in conjunction with DM-ZGY

Katalog-Nr. / Catalog No.	D(H7)		d(r6)		d ₁	L	l	l ₁
	D	H7	d	r6				
DM-TGA	20	+0.021 0	32	+0.050 +0.034	35	53	23	10
	25		38		41	63	28	15
	32		45		48	80	38	20
	40	+0.025 0	55	+0.060 +0.041	58	100	48	20
	50		65		68	125	58	25
	63	+0.030 0	78	+0.062 +0.043	81	160	73	25

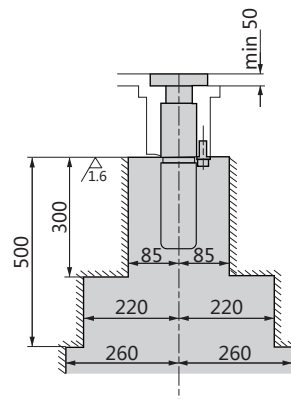
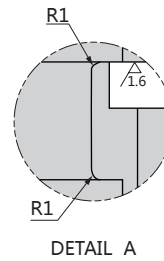
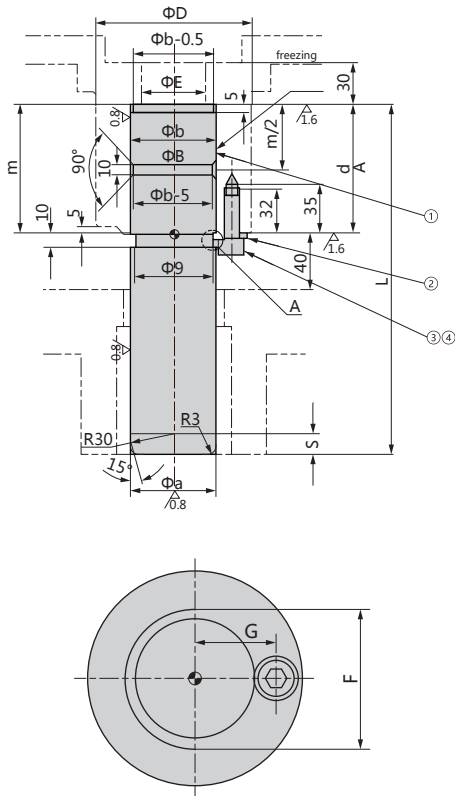
Bestellnummer / Order Number

	Bestellung	Katalog-Nr. / Catalog No.	-	D
	Order	DM-TGA	-	32





KP-ZGA



Spezieller Hinweis:
a = 40 nur für Niederhalterplatte
Special note:
a = 40 only apply to cam pressure plate

Teilenummer Part Number	Beschreibung Description	Menge Quantity	Hinweise: Notes
1	Selbstschmierende Führungssäule Self-lubricating guide post	1	S45C Härte (HRC55~) / S45C Hardness(HRC55~)
2	Scheibe Washer	1	T20
3	Sechskantschrau- be Hexagon socket head bolt	1	GB70 M12x30
4	Federring Spring washer	1	12 GB93

Bauteilabmessungen / Part size						Gussteilabmessungen / Casting size						L
Øa -0.010 -0.020	Øb +0.050 +0.040	d	g	s	m	A±0.5	ØB H7 +0.030 0	ØD	ØE 30 30	F	G	
40	40	50	36	5	50	50	40 +0.030 0	90	30 30	30	30.5	140,160
50	50	70	46	8	70	70	50 +0.030 0	100	40 40	40	35.5	160,180,200
60	60	90	55	10	90	90	60 +0.030 0	110	45 45	45	40.5	250,300, 350,400

Bestellnummer / Order Number



Bestellung
Order

Katalog-Nr. / Catalog No.

KP-ZGA

Øa

40

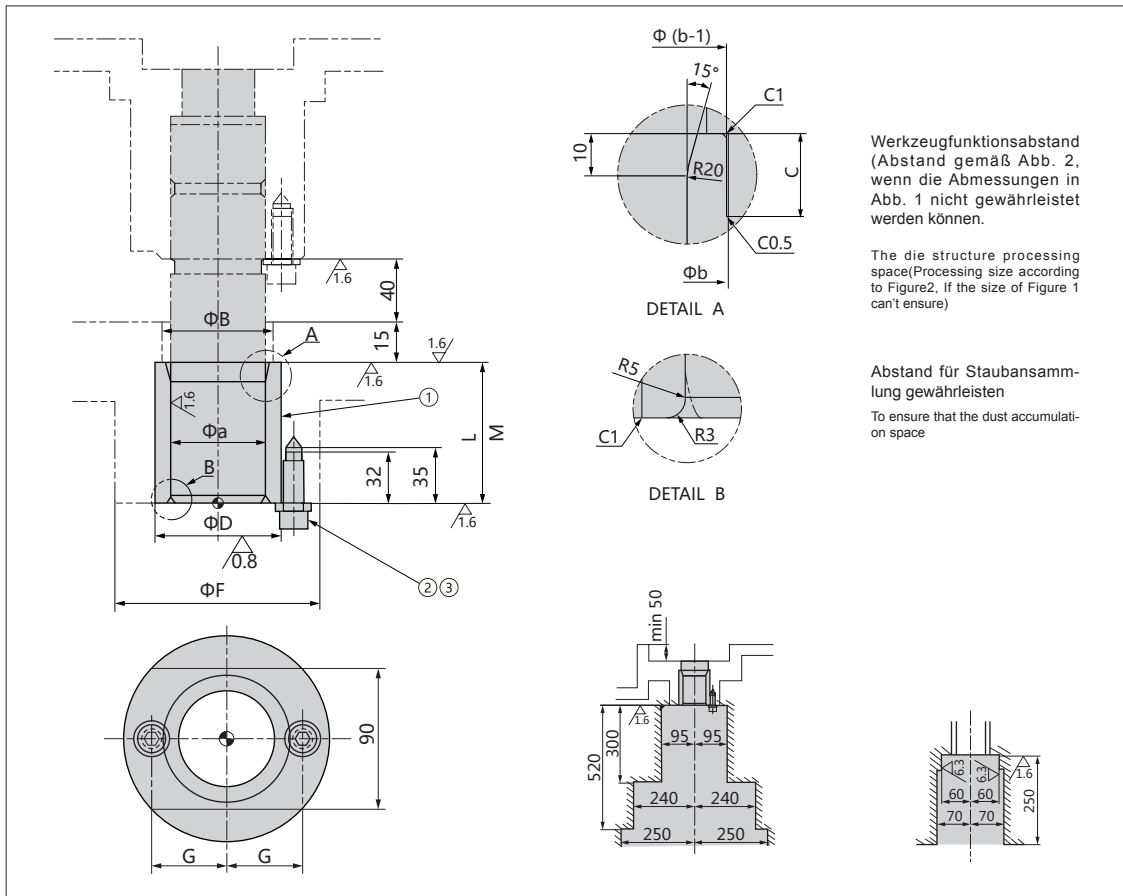
L

140





DM-TH



Komponententeile Component parts

Teilenummer Part Number	Beschreibung Description	Menge Quantity	Hinweise: Notes
1	Selbstschmierende Führungsbuchse Self-lubricating Guide Bushing	1	HT250+Gr (Einsatz) / HT250+Gr (insert)
2	Federring Spring washer	2	12 GB93
3	Sechskantschraube Hexagon socket head bolt	2	GB70 M12x30

Spezieller Hinweis:
a = 40 nur für Niederhalteplatten

Special note:
a = 40 only apply to cam pressure plate

Bauteilabmessungen / Part size				Gussteilabmessungen / Casting size				
Øa ^{+0.10} / _{+0.06}	Ø bjs6	L ⁰ / _{-0.2}	C	ØD H7	ØB	ØF	M ^{+0.2} / _{-0.4}	G
40	60 ± 0.0095	50	10	60 ^{+0.035} / ₀	50	110	50	38
50	70 ± 0.0095	70	15	70 ^{+0.035} / ₀	60	120	70	43
60	80 ± 0.0095	90	20	80 ^{+0.035} / ₀	70	130	90	48

Bestellnummer / Order Number

Bestellung
Order

Katalog-Nr. / Catalog No. - Øa - L

DM-TH - 40 - 50



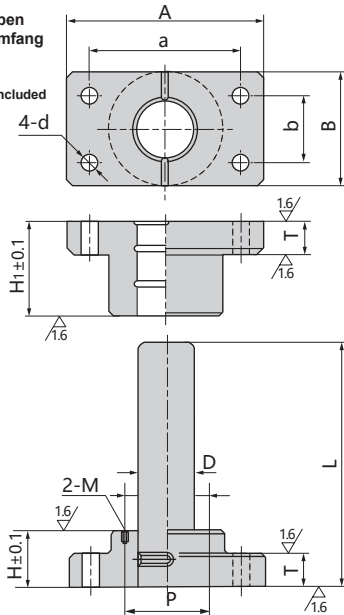


► Typ mit Schmiernut Oil Groove - Lubricating Type

Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGO	① (THT)	-	HT300
	② (ZCH)		
	③ (ZC)	58HRC ~	45

Befestigungsschrauben
und Stifte im Lieferumfang
enthalten

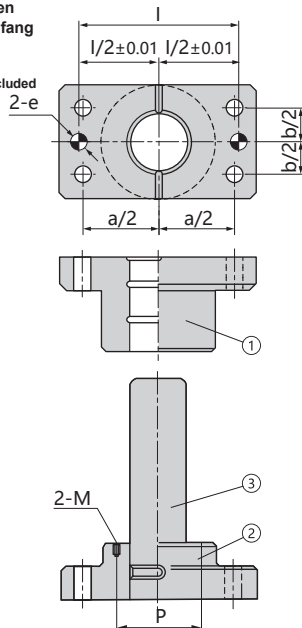
Screws and dowels are included



Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGOP	① (THTP)	-	HT300
	② (ZCHP)		
	③ (ZC)	58HRC~	45

Befestigungsschrauben
und Stifte im Lieferumfang
enthalten

Screws and dowels are included

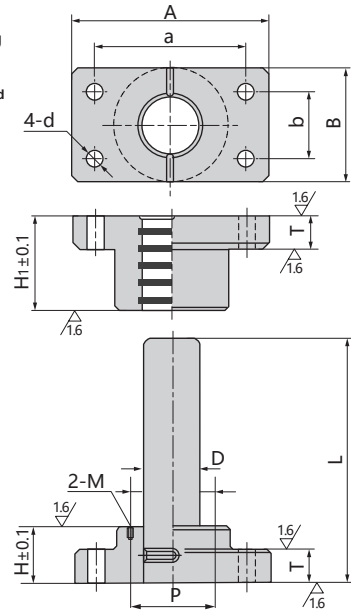


► Typ mit Festschmierstoff Self - Lubricating Type

Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGR	① (THTZ)	-	HT300 MoS2
	② (ZCH)	-	HT300
	③ (ZC)	58HRC~	45

Befestigungsschrauben
und Stifte im Lieferumfang
enthalten

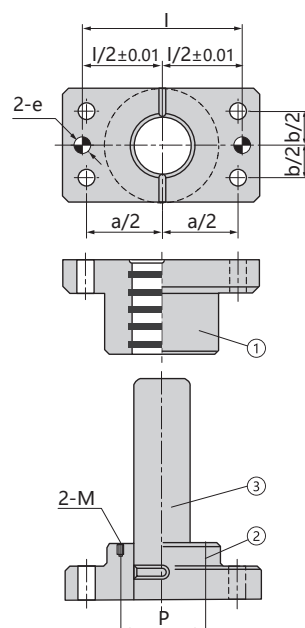
Screws and dowels are included



Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGRP	① (THTZP)	-	HT300 MoS2
	② (ZCHP)	-	HT300
	③ (ZC)	58HRC~	45

Befestigungsschrauben
und Stifte im Lieferumfang
enthalten

Screws and dowels are included




DSGO
DSGOP
DSGR
DSGRP

Code-Nr. / Code No.		L
Code / Code	D	
Typ DSGO DSGOP DSGR DSGRP	20	70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160
	25	75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200
	32	90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 250
	38	110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 240 250 260 270 280 290 300
	50	150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 240 250 260 270 280 290 300 305 310 315 320 325 330 340 350
	60	170 175 180 185 190 195 200 205 210 215 220 225 230 240 250 260 270 280 290 300 305 310 315 320 330 340 350 360 370 380 390 400
	80	200 205 210 215 220 225 230 240 250 260 270 280 290 300 305 310 315 320 325 330 340 350 360 370 380 390 400 410 420 430 440 450

D	A	B	a	b	d	H	H1	T	M	P	I	eH7		Schraube/screw	Stift/Dowel
20	74	44	56	30	6.6	30	40	15	—	—	56	6	+0.012 0	M6 x 30	6 x 20
25	84	48	66	30	9	30	45	20	M4	37	66	8	+0.015 0	M8 x 35	8 x 30
32	100	58	76	36	11	40	50	20	M4	45	76	8		M10 x 40	8 x 30
38	130	75	100	44	11	50	60	25	M5	60	100	10		M10 x 45	10 x 40
50	155	90	125	60	14	65	85	25	M6	72	125	10		M12 x 50	10 x 40
60	190	120	150	80	18	75	100	30	M8	92	150	13	+0.018 0	M16 x 60	13 x 50
80	230	150	180	110	22	100	130	35	M8	116	190	16		M20 x 75	16 x 60

Bestellnummer / Order Number

	Bestellung Order	Katalog-Nr. / Catalog No.	-	D	-	L
		DSGO	-	38	-	160

Code / Code	Option / Option
C	Option mit Stiftloch H7 Option dowel pin hole



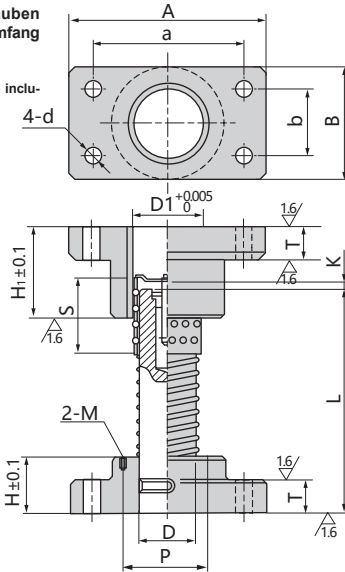


►Kugelkäfig Aluminium Aluminum Alloy Cages Type

Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGA	① (THTB)	-	HT300
	②	58HRC ~	
	③ (ZCH)	-	HT300
	④ PIN (ZC)	58HRC ~	45
	⑤ (DBS)	-	Aluminium

Befestigungsschrauben
und Stift im Lieferumfang
enthalten.

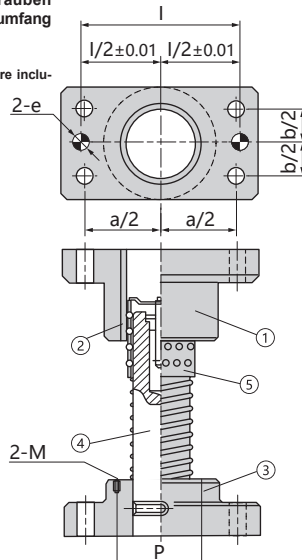
Screws and dowels are included



Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGAP	① (THTBP)	-	HT300
	②	58HRC ~	
	③ (ZCHP)	-	HT300
	④ PIN (ZC)	58HRC ~	45
	⑤ (DBS)	-	Aluminium

Befestigungsschrauben
und Stift im Lieferumfang
enthalten.

Screws and dowels are included

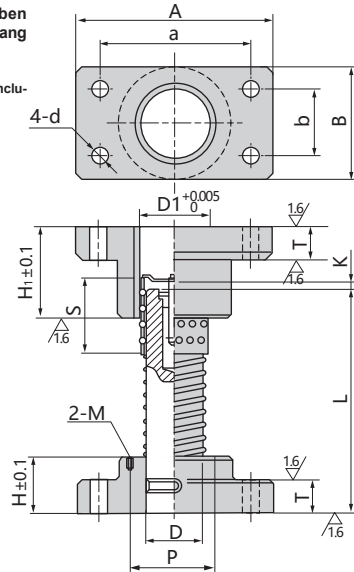


►Kugelkäfig Kunststoff Resin Cages Type

Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGJ	① (THTB)	-	HT300
	②	58HRC ~	
	③ (ZCH)	-	HT300
	④ PIN (ZC)	58HRC ~	45
	⑤ (DBJ)	-	POM

Befestigungsschrauben
und Stift im Lieferumfang
enthalten.

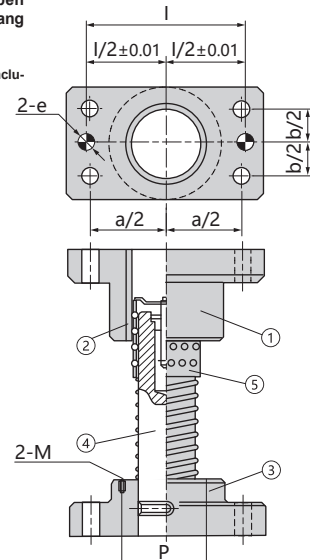
Screws and dowels are included



Code / Code	Komponenten/ components	Härte/ hardness	Material
DSGJP	① (THTBP)	-	HT300
	②	58HRC ~	
	③ (ZCHP)	-	HT300
	④ PIN (ZC)	58HRC ~	45
	⑤ (DBJ)	-	POM

Befestigungsschrauben
und Stift im Lieferumfang
enthalten.

Screws and dowels are included



DSGA
DSGAP
DSGJ
DSGJP

Code-Nr. / Code No.		L
Code / Code	D	
Typ DSGA DSGAP DSGJ DSGJP	20	80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160
	25	80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200
	32	100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 250 260
	38	120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 250 260 270 280 290 300
	50	170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 300 310 320 330 340 350

D	D ₁	A	B	a	b	d	H	H ₁	T	S	K	M	P	I	eH7	Schraube/ screw	Stift/dowel
20	26	74	44	56	30	6.6	30	50	15	50	0~20	—	—	56	6	+0.012 0	M6 x 30 6 x 20
25	31	84	48	66	30	9	30	50	20	50	0~20	M4	37	66	8	+0.015 0	M8 x 35 8 x 30
32	40	100	58	76	36	11	40	60	20	60	0~25	M4	45	76	8		M10 x 40 8 x 30
38	48	130	75	100	44	11	50	70	25	70	0~29	M5	60	100	10		M10 x 45 10 x 40
50	60	155	90	125	60	14	65	90	25	90	0~42	M6	72	125	10		M12 x 50 10 x 40

Bestellnummer / Order Number

	Bestellung Order	Katalog-Nr. / Catalog No.	-	D	-	L
		DSGA	-	38	-	160

Code / Code	Option / Option
C	Optionales Passstiftloch Option dowel pin hole 