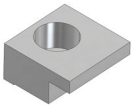


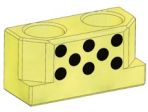
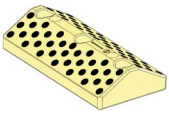
Die Components
Normalien
Componenti

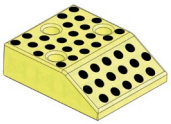
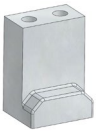
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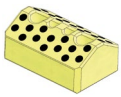
STANDARD DIE COMPONENTS

MAIN INDEX

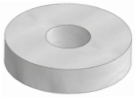
F33010001÷0049	F33010038÷0059	F33020019÷0026	F33020036÷0037	F33030001÷0040
				
Guide post Fürungssäule Colonna guida	Guide post Fürungssäule Colonna guida	Bush self-lubricating Führungsbuchse Boccola autolubrificante	Toe clamp Haltestück Ritegno	Matrix Retainer Aufnahmeplatte Portamatrice
454	455	456	456	457

F33030041÷0070	F3304000÷0138	F33040121÷F33050012	F33040084÷0164	F33040090÷0093
				
Distance Plate Druckplatte Distanziale	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Cam positive return follower Gleitstück Reazione gancio	"V" driver VDI 3357 Prismenführung mit festschmierstoff VDI 3357 Guida a "V" VDI 3357
458	459	460	461	462

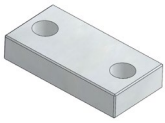
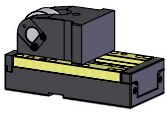
F33040100÷0111	F33040139÷0147	F33040148÷0156	F33040287÷0289	F33040288÷0290
				
Angular guide Winkelleiste Guida angolare	Cam dwell wear plate steel Überlaufkeile stahl Cuneo in acciaio	Cam dwell wear plate self-lubricating Uberlaufkeile bronze mit festschmierstoff Cuneo autolubrificante	Positive Return Zwangsrückholer Gancio	Positive Return Zwangsrückholer Gancio
463	464	465	466	466

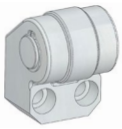
F33040305÷0320	F33050069÷0072	F33050087	F33050088	F33050089÷0100
				
Wear plate Gleitplatte Piastra guida	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	"V" driver Prismenführung Guida a "V"	"V" driver self-lubricating Prismenführung bronze mit festschmierstoff Guida a "V" autolubrificante	Wear plate Gleitplatte Piastra guida
467	468	469	469	470

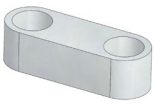
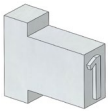
F33050101÷0107	F33150011÷0015	F33150037÷0044	F33150045÷0048	F33150060÷0061
				
Wear plate Gleitplatte Piastra guida	Pad Retainer Steckbolzen Perno di arresto	Aerial Pin Luftbolzen Candela	Upper air cushion pin Oberluftbolzen Candela superiore	Locating Pin Zentrierbolzen Centraggio
470	471	471	472	472

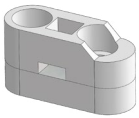
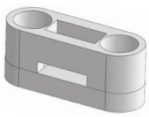
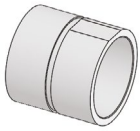
F33150087÷0091	F33160106÷0107	F33160157÷0188	F33160218	F33160230÷0250
				
Lifting pin Tragbolzen mit Fallringsicherung Perno di sollevamento	Fixing plate Befestigungsplatte Piastra di fissaggio	Shim plate Ausgleichbleche Piastra di spessoramento	Fastening plates Halteplatte Piastre di ritegno	Shim punch retainer Druckplatte Spessore per portapunzone
473	474	475	476	476

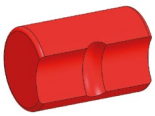
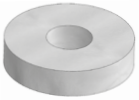
F33160226÷0344	F33160345÷0371	F33180007÷0012	F33190003 ÷0038	F33190005÷0026
				
Striker plate Distanzkappe Reazione per cilindro	Striker plate Distanzkappe Reazione per cilindro	Washer Scheibe Rondella	Locating Cone Kegeldistanz Cono di centraggio	Spacer Distanzstück Distanziale
477	478	479	480	480

F33190031÷0034	F33190035÷0036	F33200009÷0033	F33220332÷0343	F33260004÷0397
				
Bottoming block Abstandblock Distanziale	Spacer Distanzstück Distanziale	Key Passfeder Chiavetta	Roller cam unit Rollenschieber Camma a rullo	Gage Einweiser Riferimento
481	481	482	483	484

F33260014÷0024	F33260032	F33260203÷0205	F33260223÷0342	F33290002
				
Acceleration cam Schiebervorbeschleunigung Camma di accelerazione	Cam roller Rollenbock Supporto con rullo	Front gage Einlaufanschlag Portasensore	Slide stop block Schieberanschlag Arresto slitta	Stamp rack pillar Markierstempelkonsole Colonna portatimbri
484	485	485	486	487

F33290041	F33290043÷0164	F33290063	F33290068	F33910001
				
Counter-pressure plate Gegendruckplatte Piastrina di reazione	Stamp Buchstabenstempel Marchio	Stamp Buchstabenstempel Marchio	Visual locator punch Endkontrollstempel Punzone di visualizzazione	Air coupling bracket Luftanschlussblock Supporto innesti rapidi
487	488	488	489	490

F33910002	F33910003	F33910043	F33910044	F33910110÷0115
				
Air coupling bracket Luftanschlussblock Supporto innesti rapidi	Air coupling bracket Luftanschlussblock Supporto innesti rapidi	Retainer for stamps Halteplatte Portatimbri	Retainer for stamps Halteplatte Portatimbri	Bush for lifting pin Buchse für Tragbolzen Boccola per perno di sollevamento
490	490	491	491	492

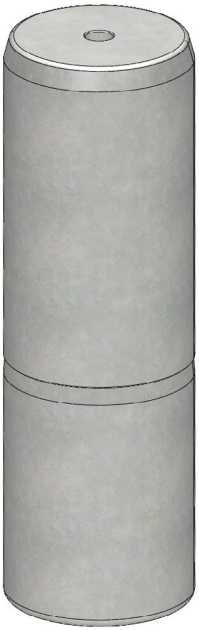
J06910069÷70	M16045182÷184	M36600070÷0073
		
Sensor mounting brackets Sensorhalterungen Staffa per sensore	Shock absorber Halteelement Ammortizzatore	Washer Scheibe Rondella
492	493	493

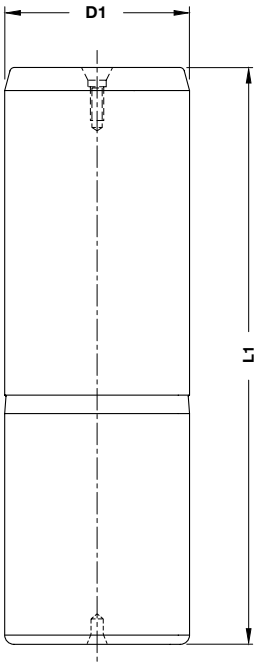

LIFTRONIC EASY
LIFTRONIC EASY
cab
24

GUIDE POST - FÜRUNGSSÄULE - COLONNA GUIDA

Notes

Material: Steel
HRC: 60÷62





ORDER EXAMPLE	OPEL CODE
	F33010002

OPEL CODE	D1	L1
F33010001	25	125
F33010002	25	140
F33010003	25	160
F33010004	25	180
F33010005	32	140
F33010006	32	160
F33010007	32	180
F33010008	32	200
F33010009	40	140
F33010010	40	160
F33010011	40	180
F33010012	40	200
F33010013	40	224
F33010014	40	250

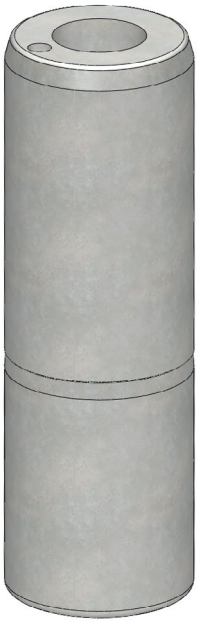
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F33010019	50	224
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F33010022	50	315
F33010023	50	355
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F33010025	63	200
F33010026	63	224
F33010027	63	250
F33010028	63	280

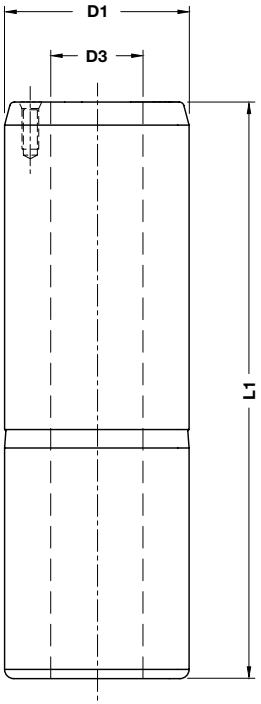
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F33010030	63	355
F33010031	63	400
F33010032	80	224
F33010033	80	250
F33010034	80	280
F33010035	80	315
F33010036	80	355
F33010037	80	400
F33010046	63	450
F33010047	63	500
F33010048	80	450
F33010049	80	500

GUIDE POST - FÜRUNGSSÄULE - COLONNA GUIDA

Notes

Material: Steel
HRC: 60÷62





ORDER EXAMPLE	OPEL CODE
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OPEL CODE	D1	D3	L1
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F33010040	100	50	355
F33010041	100	50	400
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F33010045	125	65	450
F33010050	100	50	450

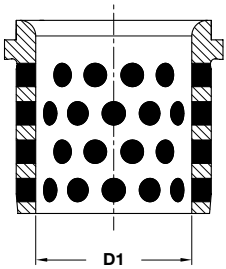
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F33010052	100	50	550
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F33010054	100	50	650
F33010055	125	65	500
F33010056	125	65	550
F33010057	125	65	600
F33010058	125	65	650

F3302

OMCR

BUSH SELF-LUBRICATING - FÜHRUNGSBUCHSE - BOCCOLA AUTOLUBRIFICANTE





Notes

Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE

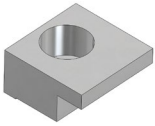
OPEL CODE
F33020020

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F33020020	32
F33020021	40
F33020022	50
F33020023	63
F33020024	80
F33020025	100
F33020026	125

F3302

OMCR

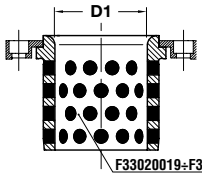
TOE CLAMP - HALTESTÜCK - RITEGNO PER BOCCOLA



Notes

Material: CK45

Application example



STOCK

ORDER EXAMPLE

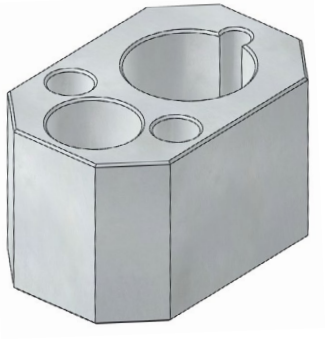
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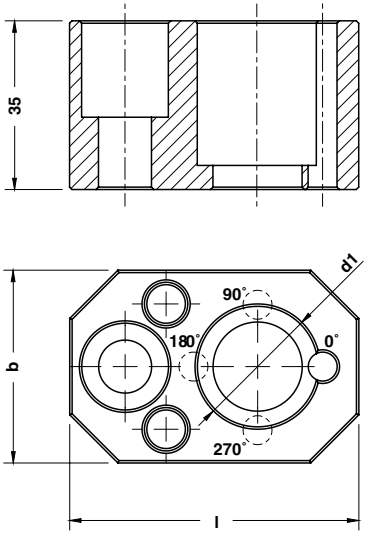
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F33020036	25÷50
F33020037	63÷125

MATRIX RETAINER - AUFNAHMEPLATTE - PORTAMATRICE

Notes
Material: CK45

STOCK





ORDER EXAMPLE

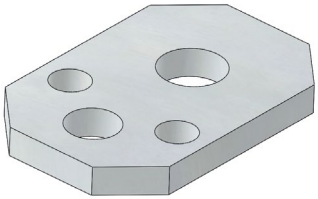
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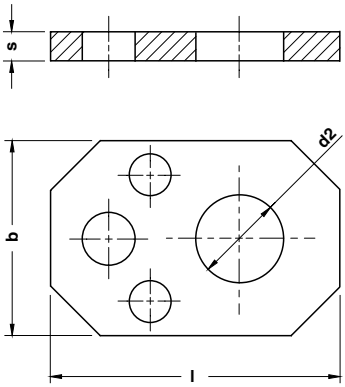
OPEL CODE				b	d1	l
DOWEL PIN LOCATION						
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F33030002	F33030012	F33030022	F33030032	40	13	60
F33030003	F33030013	F33030023	F33030033	40	16	60
F33030004	F33030014	F33030024	F33030034	40	20	60
F33030006	F33030016	F33030026	F33030036	40	25	60
F33030007	F33030017	-	F33030037	40	32	60
F33030008	F33030018	F33030028	F33030038	60	38	80
F33030009	F33030019	F33030029	F33030039	60	45	80
F33030010	F33030020	-	F33030040	60	50	80

DISTANCE PLATE - DRUCKPLATTE - DISTANZIALE

Notes
Material: CK45

STOCK





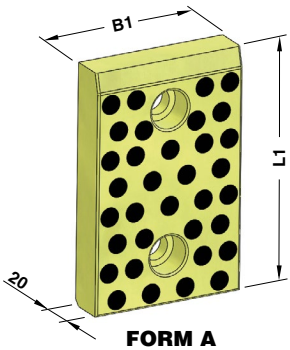
ORDER EXAMPLE

OPEL CODE
F33030042

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F33030048	40	11	60	4
F33030049	40	11	60	6
F33030050	40	13,5	60	2
F33030051	40	13,5	60	4
F33030052	40	13,5	60	6
F33030056	40	19	60	2
F33030057	40	19	60	4

OPEL CODE	b	d2	l	s
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F33030064	60	28,5	80	6
F33030065	60	37,5	80	2
F33030066	60	37,5	80	4
F33030067	60	37,5	80	6
F33030068	60	42,5	80	2
F33030069	60	42,5	80	4
F33030070	60	42,5	80	6

WEAR PLATE SELF-LUBRICATING VDI 3357
GLEITPLATTE BRONZE MIT FESTSCHMIERSTOFF VDI 3357
PIASTRA GUIDA AUTOLUBRIFICANTE VDI 3357

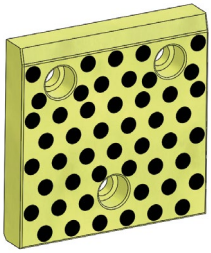


FORM A

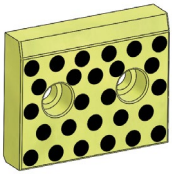
Notes

Material: Bronze + Graphite
HB > 190

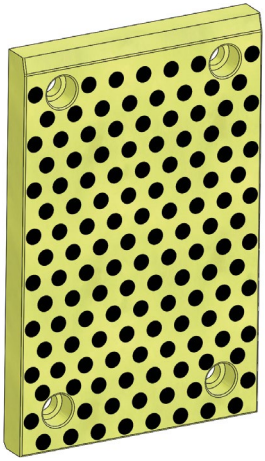
STOCK



FORM B



FORM C



FORM D

ORDER EXAMPLE

OPEL CODE
F33040001

* Not in accordance with VDI3357
Nicht mit Entspricht VDI3357
Non conforme alla norma VDI3357

OPEL CODE	B1	L1	FORM
F33040000	50	100	A
F33040001	50	125	A
F33040002	50	160	A
F33040003	50	200	A
F33040004	80	100	A
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F33040006	80	160	A
F33040007	80	200	A
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F33040009	100	80	C
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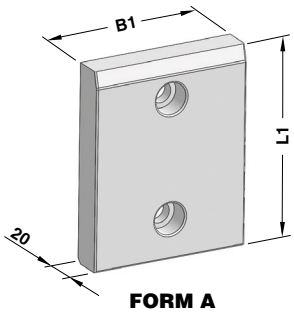
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F33040016	125	125	B
F33040017	125	160	B
F33040018	160	100	B
F33040019	160	125	B
F33040020	160	160	B
F33040113*	100	250	D
F33040114*	125	200	D
F33040115*	160	200	D
F33040116*	160	250	D
F33040117*	160	300	D
F33040118*	200	200	D
F33040119*	200	250	D
F33040120*	200	300	D
F33040138*	125	250	D

WEAR PLATE STEEL VDI 3357
GLEITPLATTE STAHL VDI 3357
PIASTRA GUIDA IN ACCIAIO VDI 3357

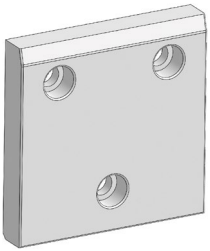
Notes

Material: 16MnCr5
HRC: 58÷60

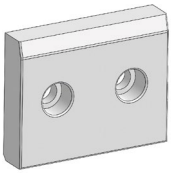
STOCK



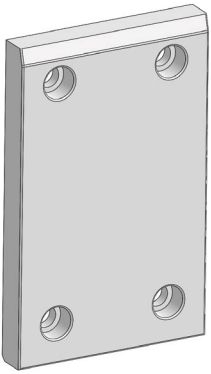
FORM A



FORM B



FORM C



FORM D

ORDER EXAMPLE

OPEL CODE
F33040121

* Not in accordance with VDI3357
entspricht nicht VDI3357
Non conforme alla norma VDI3357

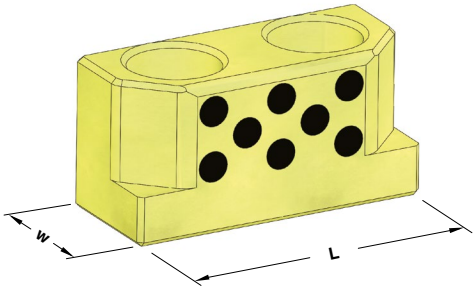
OPEL CODE	B1	L1	FORM
F33040121	100	50	C
F33040122	100	80	C
F33040123*	100	250	D
F33040124	125	80	C
F33040125	125	100	B
F33040126	125	125	B
F33040127*	125	200	D
F33040128*	125	250	D
F33040129	160	100	B
F33040130	160	125	B
F33040131	160	160	B
F33040132*	160	200	D
F33040133*	160	250	D
F33040134*	160	300	D
F33040135*	200	200	D

OPEL CODE	B1	L1	FORM
F33040136*	200	250	D
F33040137*	200	300	D
F33050000	50	100	A
F33050001	50	125	A
F33050002	50	160	A
F33050003	50	200	A
F33050004	80	100	A
F33050005	80	125	A
F33050006	80	160	A
F33050007	80	200	A
F33050008	100	100	A
F33050009	100	125	A
F33050010	100	160	A
F33050011	100	200	A
F33050012	125	160	B

F3304

OMCR

CAM POSITIVE RETURN FOLLOWER
GLEITSTÜCK
REAZIONE GANCIO



Notes

Material: Bronze + Graphite
HB > 190

10

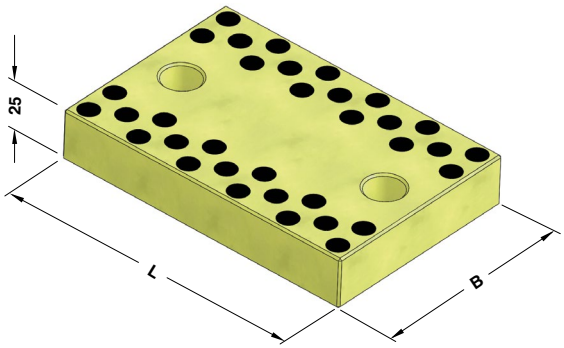
ORDER EXAMPLE	OPEL CODE
	F33040163

OPEL CODE	L	W
F33040084	60	25
F33040163	60	32
F33040164	80	32

F3304

OMCR

WEAR PLATE SELF-LUBRICATING
GLEITPLATTE MIT FESTSCHMIERSTOFF
PIASTRA GUIDA AUTOLUBRIFICANTE



Notes

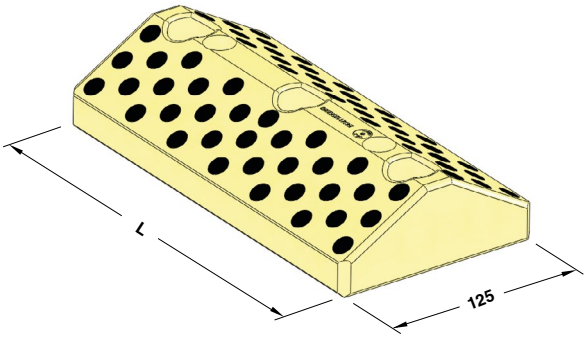
Material: Bronze + Graphite
HB > 190

10

ORDER EXAMPLE	OPEL CODE
	F33040086

OPEL CODE	B	L
F33040085	100	100
F33040086	100	150
F33040112	120	150

"V" DRIVER SELF-LUBRICATING VDI 3357
PRISMENFÜHRUNG BRONZE MIT FESTSCHMIERSTOFF VDI 3357
GUIDA A "V" AUTOLUBRIFICANTE VDI 3357



Notes

Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE

OPEL CODE
F33040091

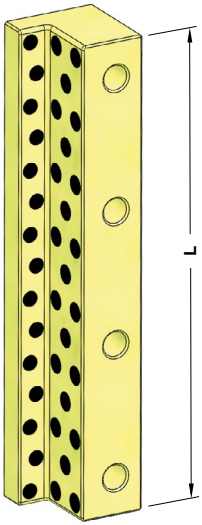
OPEL CODE	L
F33040090	150
F33040091	200
F33040092	250
F33040093	300

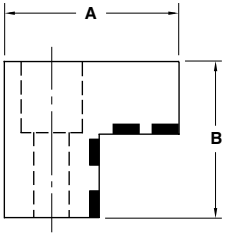
ANGULAR GUIDE - WINKELLEISTE - GUIDA ANGOLARE

Notes

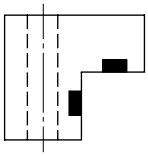
Material: Bronze + Graphite
HB > 190

STOCK

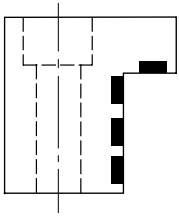




FORM A



FORM B



FORM C

ORDER EXAMPLE

OPEL CODE
F33040101

OPEL CODE	A	B	L	FORM
F33040100	50	45	200	A
F33040101	50	45	250	A
F33040102	50	45	300	A
F33040103	50	45	350	A
F33040104	50	45	400	A
F33040105	50	45	500	A

OPEL CODE	A	B	L	FORM
F33040106	32	30	150	B
F33040107	32	30	250	B
F33040108	32	30	300	B
F33040109	50	50	200	C
F33040110	50	50	250	C
F33040111	50	50	300	C

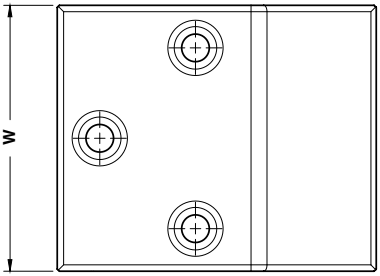
CAM DWELL WEAR PLATE STEEL
UBERLAUFKEILE STAHL
CUNEO IN ACCIAIO

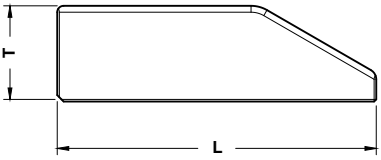


Notes

Material: 42CrMo4
HRC: 58÷60

STOCK



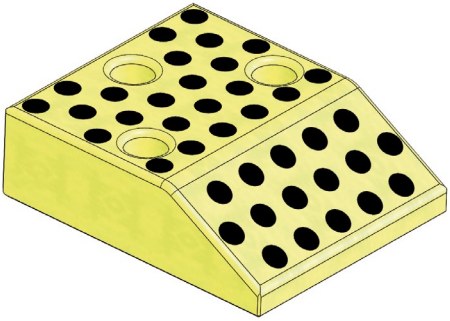


ORDER EXAMPLE

OPEL CODE
F33040140

OPEL CODE	L	T	W
F33040139	125	30	100
F33040140	125	30	125
F33040141	125	30	160
F33040142	150	45	100
F33040143	150	45	125
F33040144	150	45	160
F33040145	170	60	100
F33040146	170	60	125
F33040147	170	60	160

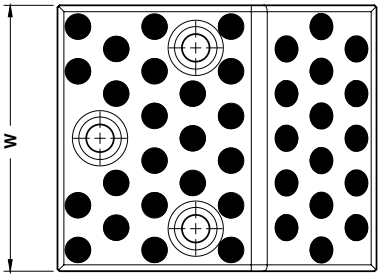
CAM DWELL WEAR PLATE SELF-LUBRICATING
UBERLAUFKEILE BRONZE MIT FESTSCHMIERSTOFF
CUNEO AUTOLUBRIFICANTE

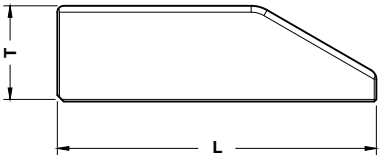


Notes

Material: Bronze + Graphite
HB > 190

STOCK





ORDER EXAMPLE

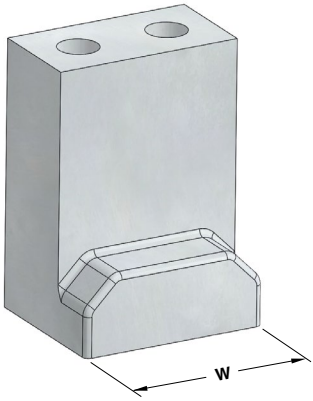
OPEL CODE
F33040149

OPEL CODE	L	T	W
F33040148	125	30	100
F33040149	125	30	125
F33040150	125	30	160
F33040151	150	45	100
F33040152	150	45	125
F33040153	150	45	160
F33040154	170	60	100
F33040155	170	60	125
F33040156	170	60	160

F3304

OMCR

POSITIVE RETURN - ZWANGSRÜCKHOLER - GANCIO



Notes

Material: C45
HRC: 58÷60

STOCK

ORDER EXAMPLE

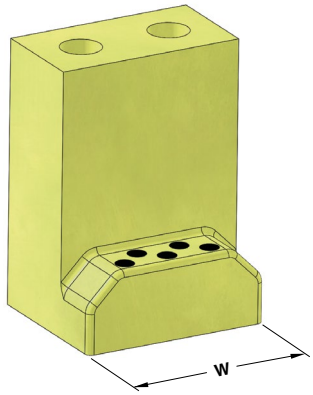
OPEL CODE
F33040289

OPEL CODE	W
F33040287	60
F33040289	80

F3304

OMCR

POSITIVE RETURN - ZWANGSRÜCKHOLER - GANCIO



Notes

Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE

OPEL CODE
F33040290

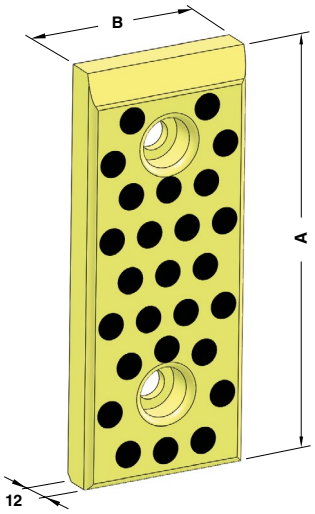
OPEL CODE	W
F33040288	60
F33040290	80

WEAR PLATE SELF-LUBRICATING VDI 3357
GLEITPLATTE BRONZE MIT FESTSCHMIERSTOFF VDI 3357
PIASTRA GUIDA AUTOLUBRIFICANTE VDI 3357

Notes

Material: Bronze + Graphite
HB > 190

STOCK

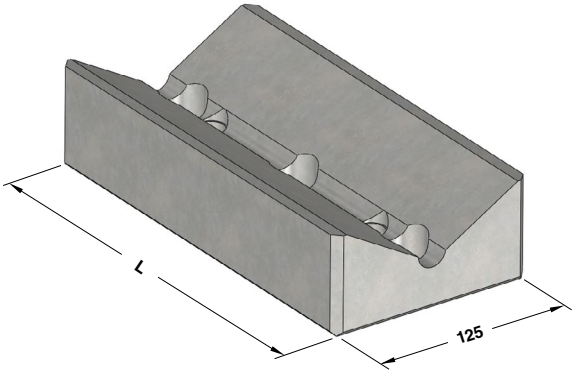


ORDER EXAMPLE

OPEL CODE
F33040306

OPEL CODE	B	A	OPEL CODE	B	A
F33040305	30	80	F33040313	50	80
F33040306	30	100	F33040314	50	100
F33040307	30	125	F33040315	50	125
F33040308	30	200	F33040316	50	200
F33040309	40	80	F33040317	60	80
F33040310	40	100	F33040318	60	100
F33040311	40	125	F33040319	60	125
F33040312	40	200	F33040320	60	200

"V" DRIVER STEEL VDI 3357
PRISMENFÜHRUNG STAHL VDI 3357
GUIDA A "V" IN ACCIAIO VDI 3357



Notes

Material: CK45
HRC: 58÷60

STOCK

ORDER EXAMPLE

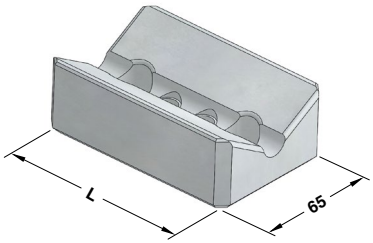
OPEL CODE
F33050070

OPEL CODE	L
F33050069	150
F33050070	200
F33050071	250
F33050072	300

F3305

OMCR

"V" DRIVER STEEL - PRISMENFÜHRUNG - GUIDA A "V" IN ACCIAIO



Notes

Material: CK45
HRC: 58÷60

STOCK

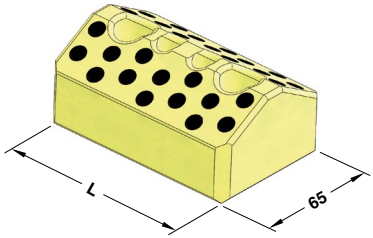
ORDER EXAMPLE	OPEL CODE
	F33050087

OPEL CODE	L
F33050087	100

F3305

OMCR

"V" DRIVER SELF-LUBRICATING
PRISMENFÜHRUNG BRONZE MIT FESTSCHMIERSTOFF
GUIDA A "V" AUTOLUBRIFICANTE



Notes

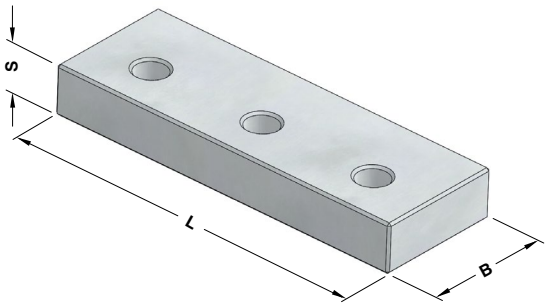
Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE	OPEL CODE
	F33050088

OPEL CODE	L
F33050088	100

WEAR PLATE - GLEITPLATTE - PIASTRA GUIDA



Notes

Material: CK45
HRC: 58÷60

10

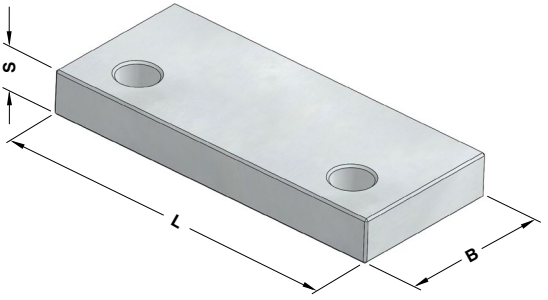
ORDER EXAMPLE

OPEL CODE
F33050090

OPEL CODE	B	L	S	OPEL CODE	B	L	S
F33050089	52	150	20	F33050095	77	150	35
F33050090	52	200	20	F33050096	77	200	35
F33050091	52	250	20	F33050097	77	250	35
F33050092	72	150	30	F33050098	82	150	40
F33050093	72	200	30	F33050099	82	200	40
F33050094	72	250	30	F33050100	82	250	40

F3305 OMCR

WEAR PLATE - GLEITPLATTE - PIASTRA GUIDA



Notes

Material: CK45
HRC: 58÷60

10

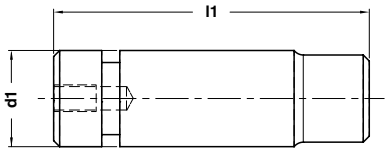
ORDER EXAMPLE

OPEL CODE
F33050102

OPEL CODE	B	L	S	OPEL CODE	B	L	S
F33050101	70	160	25	F33050105	85	240	28
F33050102	70	200	25	F33050106	85	300	28
F33050103	70	240	25	F33050107	85	350	28
F33050104	85	200	28				

PAD RETAINER PIN - STECKBOLZEN - PERNO DI ARRESTO





Notes

Material: 42CrMo4
900÷1000 N/mm²

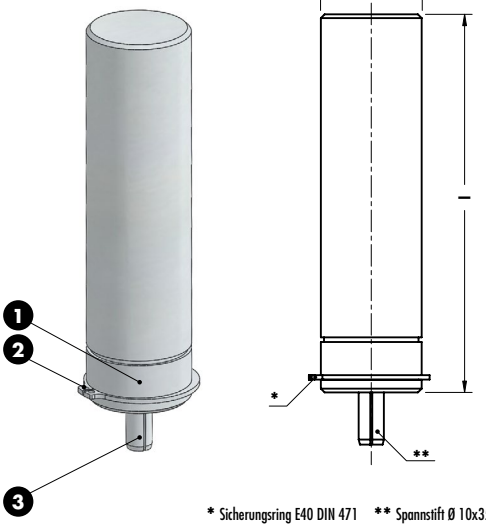
STOCK

ORDER EXAMPLE — OPEL CODE: F33150012

OPEL CODE	d1	l1
F33150011	32	130
F33150012	40	155
F33150013	50	185
F33150014	56	190
F33150015	63	210

F3315 OMCR

AERIAL PIN - LUFTBOLZEN - CANDELA



* Sicherungsring E40 DIN 471
Anello elastico E40 DIN 471

** Spannstift Ø 10x35 DIN 8752
Spina elastica Ø 10x35 DIN 8752

Notes

1. **Material:** CK45
2. E Ring E40 - DIN 471
3. Elastic Pin Ø10X35 - DIN 8752

STOCK ...

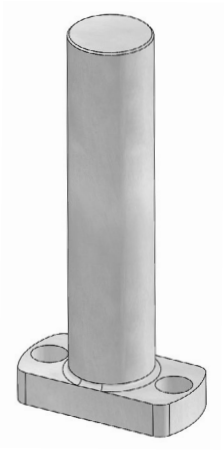
ORDER EXAMPLE — OPEL CODE: F33150038

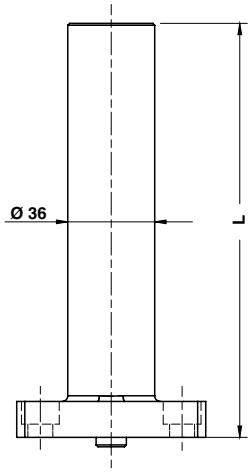
OPEL CODE	l
F33150037	125
F33150038	150
F33150039	175
F33150040	200
F33150041	225
F33150042	250
F33150043	275
F33150044	300

F3315

OMCR

UPPER AIR CUSHION PIN - OBERLUFTBOLZEN - CANDELA SUPERIORE





Notes

Material: CK45
800÷1000 N/mm²

10

ORDER EXAMPLE	OPEL CODE
	F33150046

OPEL CODE	L
F33150045	150
F33150046	175
F33150047	200
F33150048	225

F3315

OMCR

LOCATING PIN - ZENTRIERBOLZEN - CENTRAGGIO



Notes

Material: 16MnCr5
HRC: 56÷60

STOCK

ORDER EXAMPLE	OPEL CODE
	F33150061

OPEL CODE	d
F33150060	40
F33150061	50

LIFTING PIN OPEL-GM
TRAGBOLZEN MIT FALLRINGSICHERUNG OPEL-GM NORM
PERNO DI SOLLEVAMENTO OPEL-GM



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

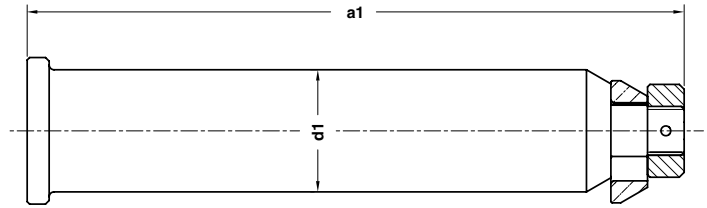
Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

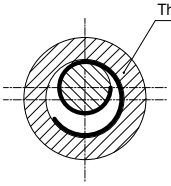
Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

Notes

Material: 42CrMo4 + QT

CE STOCK



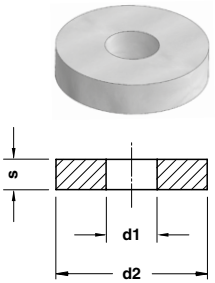


ORDER EXAMPLE

OPEL CODE
F33150088

OPEL CODE	a1	d1	Max load (kg)	Max die weight (kg)
F33150087	177	32	3400	6800
F33150088	220	40	5650	11300
F33150089	270	50	8950	17900
F33150090	342	63	14350	28700
F33150091	387	80	26700	53400

FIXING PLATE - BEFESTIGUNGSPLATTE - PIASTRA DI FISSAGGIO



Notes

Material: CK45

STOCK

ORDER EXAMPLE

OPEL CODE
F33160107

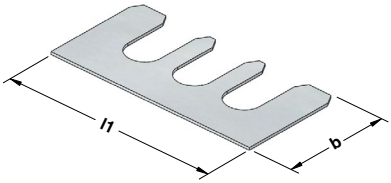
OPEL CODE	d1	d2	s
F33160106	21	70	10
F33160107	25	80	15

SHIM PLATE - AUSGLEICHBLECHE - PIASTRA DI SPESSORAMENTO

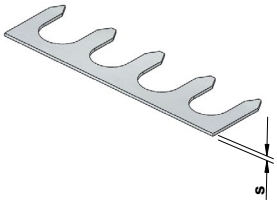
Notes

Material: St37

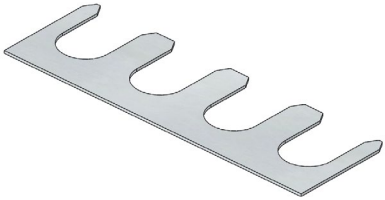
STOCK



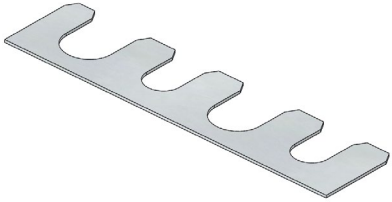
FORM A



FORM B



FORM C



FORM D

ORDER EXAMPLE

OPEL CODE
F33160158

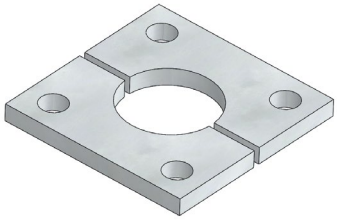
OPEL CODE	b	l1	s	FORM
F33160157	20	60	0,5	C
F33160158	20	60	1	C
F33160159	20	60	2	C
F33160160	20	45	0,5	A
F33160161	20	45	1	A
F33160162	20	45	2	A
F33160163	15	45	0,5	A
F33160164	15	45	1	A
F33160165	15	45	2	A
F33160166	20	40	0,5	A
F33160167	20	40	1	A
F33160168	20	40	2	A

OPEL CODE	b	l1	s	FORM
F33160169	15	40	0,5	A
F33160170	15	40	1	A
F33160171	15	40	2	A
F33160172	20	52	0,5	A
F33160173	20	52	1	A
F33160174	20	52	2	A
F33160183	12,4	42	0,5	B
F33160184	12,4	42	1	B
F33160185	12,4	42	2	B
F33160186	15,8	65	0,5	D
F33160187	15,8	65	1	D
F33160188	15,8	65	2	D

F3316

OMCR

FASTENING PLATES - HALTEPLATTE - PIASTRE DI RITEGNO



Notes

Material: St37

STOCK

ORDER EXAMPLE

OPEL CODE
F33160218

OPEL CODE
F33160218

F3316

OMCR

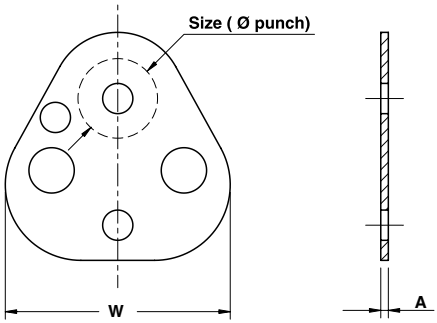
SHIM PUNCH RETAINER - DRUCKPLATTE - SPESSORE PER PORTAPUNZONE



Notes

Material: C20

STOCK



ORDER EXAMPLE

OPEL CODE
F33160231

OPEL CODE	A	W	Size
F33160230	2	43,7	10
F33160231	4	43,7	10
F33160232	6	43,7	10
F33160233	2	50,0	13
F33160234	4	50,0	13
F33160235	6	50,0	13
F33160236	2	53,2	16

OPEL CODE	A	W	Size
F33160237	4	53,2	16
F33160238	6	53,2	16
F33160239	2	59,5	20
F33160240	4	59,5	20
F33160241	6	59,5	20
F33160242	2	69,1	25
F33160243	4	69,1	25

OPEL CODE	A	W	Size
F33160244	6	69,1	25
F33160245	2	69,1	32
F33160246	4	69,1	32
F33160247	6	69,1	32
F33160248	2	76,7	40
F33160249	4	76,7	40
F33160250	6	76,7	40

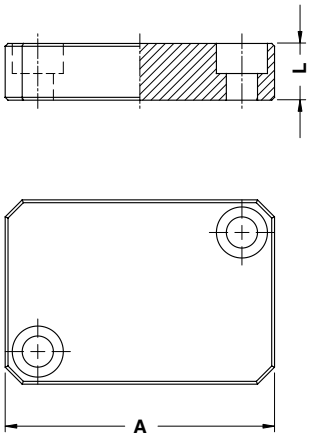
STRIKER PLATE - DISTANZKAPPE - REAZIONE PER CILINDRO

Notes

Material: 16MnCr5
HRC: 60÷63

STOCK





ORDER EXAMPLE	OPEL CODE
	F33160227

OPEL CODE	A	L	OPEL CODE	A	L	OPEL CODE	A	L	OPEL CODE	A	L	OPEL CODE	A	L
F33160226	50	20	F33160277	80	23	F33160286	95	35	F33160327	80	22	F33160336	130	20
F33160227	80	20	F33160278	80	26	F33160287	110	23	F33160328	80	24	F33160337	130	22
F33160228	95	20	F33160279	80	29	F33160288	110	26	F33160329	80	28	F33160338	130	23
F33160229	110	20	F33160280	80	32	F33160289	110	29	F33160330	95	22	F33160339	130	24
F33160272	50	23	F33160281	80	35	F33160290	110	32	F33160331	95	24	F33160340	130	26
F33160273	50	26	F33160282	95	23	F33160291	110	35	F33160332	95	28	F33160341	130	28
F33160274	50	29	F33160283	95	26	F33160324	50	22	F33160333	110	22	F33160342	130	29
F33160275	50	32	F33160284	95	29	F33160325	50	24	F33160334	110	24	F33160343	130	32
F33160276	50	35	F33160285	95	32	F33160326	50	28	F33160335	110	28	F33160344	130	35

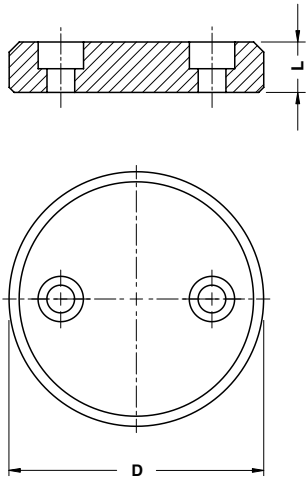
STRIKER PLATE - DISTANZKAPPE - REAZIONE PER CILINDRO

Notes

Material: 42CrMo4
HRC: 48÷55

STOCK



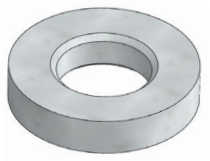


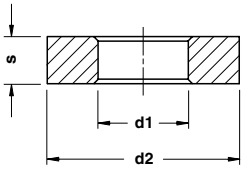
ORDER EXAMPLE

OPEL CODE
F33160346

OPEL CODE	D	L	OPEL CODE	D	L	OPEL CODE	D	L
F33160345	63	20	F33160354	101	20	F33160363	133	20
F33160346	63	22	F33160355	101	22	F33160364	133	22
F33160347	63	23	F33160356	101	23	F33160365	133	23
F33160348	63	24	F33160357	101	24	F33160366	133	24
F33160349	63	26	F33160358	101	26	F33160367	133	26
F33160350	63	28	F33160359	101	28	F33160368	133	28
F33160351	63	29	F33160360	101	29	F33160369	133	29
F33160352	63	32	F33160361	101	32	F33160370	133	32
F33160353	63	35	F33160362	101	35	F33160371	133	35

WASHER - SCHEIBE - RONDELLA





Notes

Material: CK45

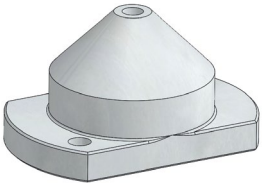
STOCK

ORDER EXAMPLE

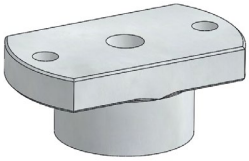
OPEL CODE
F33180008

OPEL CODE	d1	d2	s
F33180007	6	16	3.5
F33180008	12	24.5	5
F33180009	16	32	6.5
F33180010	20	40	8
F33180011	24	50	10
F33180012	30	60	12

LOCATING CONE - KEGELDISTANZ - CONO DI CENTRAGGIO



FORM A

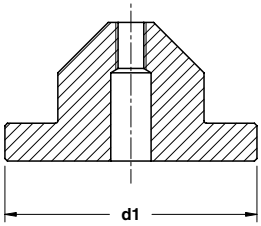


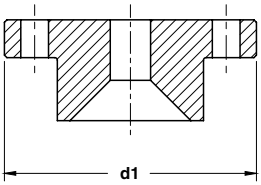
FORM B

Notes

Material: 16MnCr5
HRC: 60÷62

STOCK





ORDER EXAMPLE

OPEL CODE
F33190004

OPEL CODE	d1	FORM
F33190003	100	B
F33190004	120	B
F33190037	100	A
F33190038	120	A

F3319 OMCR

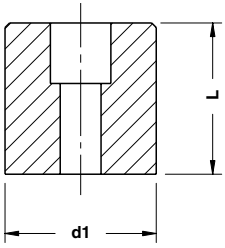
SPACER - DISTANZSTÜCK - DISTANZIALE

Notes

Material: CK45

STOCK



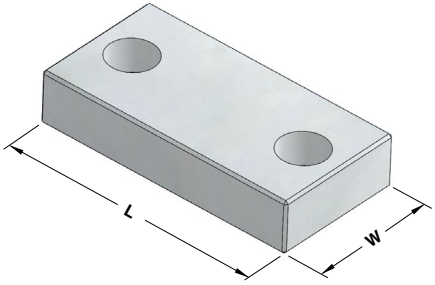


ORDER EXAMPLE

OPEL CODE
F33190006

OPEL CODE	d1	L
F33190005	50	50
F33190006	80	50
F33190025	100	50
F33190026	80	160

BOTTOMING BLOCK - ABSTANDBLOCK - DISTANZIALE



Notes
Material: CK45

STOCK

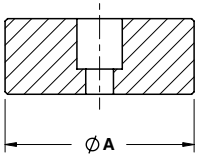
ORDER EXAMPLE

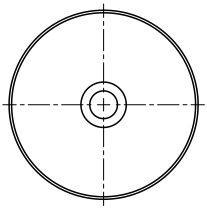
OPEL CODE
F33190032

OPEL CODE	L	W
F33190031	100	30
F33190032	100	40
F33190033	80	40
F33190034	100	50

SPACER - DISTANZSTÜCK - DISTANZIALE







Notes
Material: CK45

STOCK

ORDER EXAMPLE

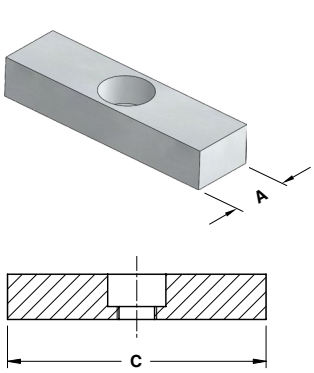
OPEL CODE
F33190036

OPEL CODE	A
F33190035	50
F33190036	75

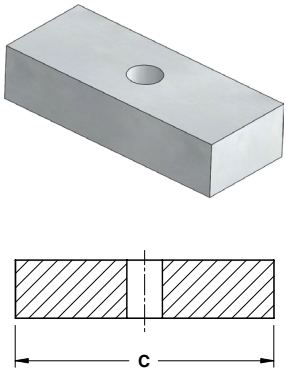
KEY - PASSFEDER - CHIAVETTA

Notes
Material: CK45

STOCK



FORM A



FORM B

ORDER EXAMPLE	OPEL CODE
	F33200010

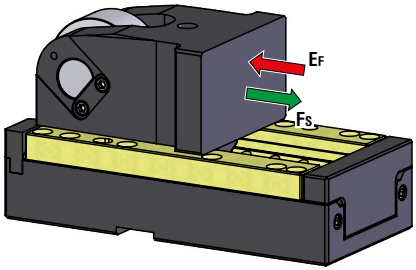
OPEL CODE	A	C	FORM	OPEL CODE	A	C	FORM	OPEL CODE	A	C	FORM
F33200009	22	50	A	F33200018	25	50	A	F33200025	32	100	B
F33200010	22	80	A	F33200019	25	80	A	F33200026	25	100	A
F33200011	22	100	A	F33200023	32	50	B	F33200033	32	100	A
F33200017	20	80	A	F33200024	32	80	B				

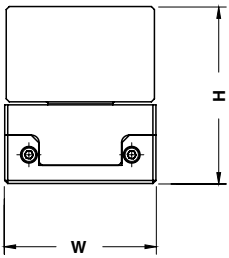
ROLLER CAM UNIT - ROLLENSCHIEBER - CAMMA A RULLO

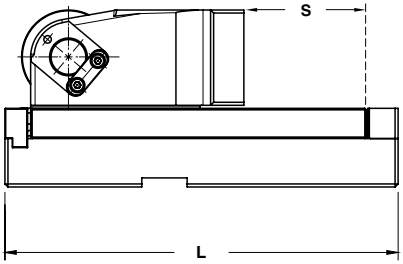
Notes

For technical info see pages 860÷897

STOCK WEB WEB





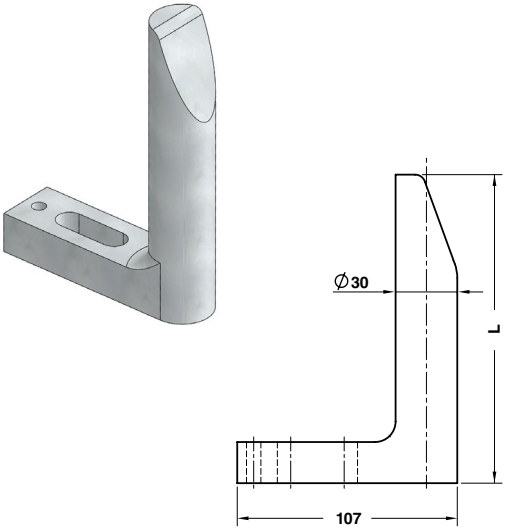


ORDER EXAMPLE

OPEL CODE
F33220333

OPEL CODE	L	H	W	Stroke (mm)	Max Work Force (kN)	Extraction Force (kN)
				S	Fs	EF
						Gas Spring
F33220332	200	117	98	50	76	2,86
F33220333	230	117	98	80	76	2,89
F33220334	260	117	98	100	76	3,09
F33220335	200	140	118	50	162	6,5
F33220336	230	140	118	80	162	6,62
F33220337	260	140	118	100	162	7,26
F33220338	220	165	170	50	166	6,36
F33220339	250	165	170	80	166	6,43
F33220340	270	165	170	100	166	6,46
F33220341	250	205	240	50	258	9,29
F33220342	280	205	240	80	258	9,36
F33220343	300	205	240	100	258	9,38

GAGE - EINWEISER - RIFERIMENTO



Notes

Material: CK60

STOCK

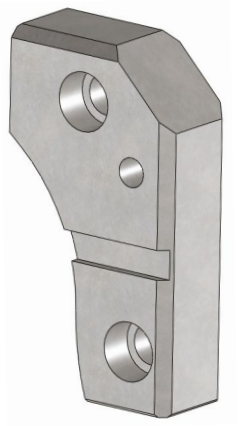
ORDER EXAMPLE

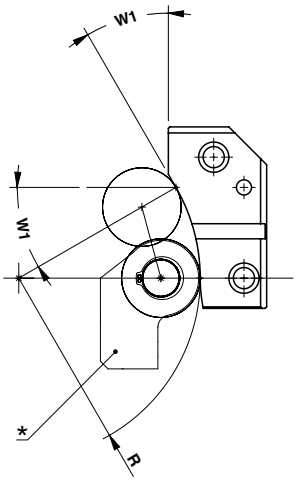
OPEL CODE
F33260005

OPEL CODE	L
F33260004	65
F33260005	90
F33260006	120
F33260007	150
F33260008	180
F33260009	250
F33260396	300
F33260397	350

F3326 OMCR

ACCELERATION CAM - SCHIEBERVORBESCHLEUNIGUNG - CAMMA DI ACCELERAZIONE





* Cam roller
Rollenbock
Supporto con rullo

Notes

Materials: 90MnCrV8 - **HRC** 60÷62

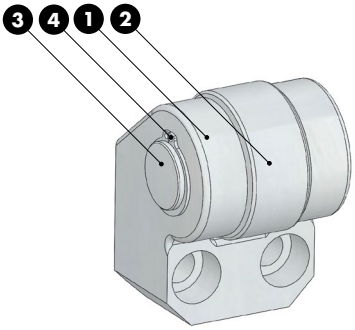
10

ORDER EXAMPLE

OPEL CODE
F33260015

OPEL CODE	R	W1
F33260014	90	40°
F33260015	90	37.5°
F33260016	100	37.5°
F33260017	100	35°
F33260020	75	42.5°
F33260021	75	45°
F33260022	75	47.5°
F33260023	65	50°
F33260024	65	52.5°

CAM ROLLER - ROLLENBOCK - SUPPORTO CON RULLO



Notes

1. **Material:** 42CrMo4
2. NUTR 25-52
3. **Material:** 16MnCr5
   HRC: 60÷62
4. E25 DIN 471

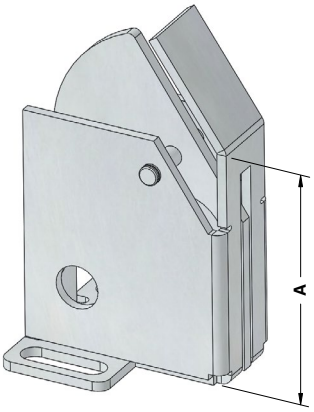
STOCK ...

ORDER EXAMPLE	OPEL CODE
	F33260032

OPEL CODE
F33260032

F3326 OMCR

FRONT GAGE - EINLAUFANSCHLAG - PORTASENSORE



Notes

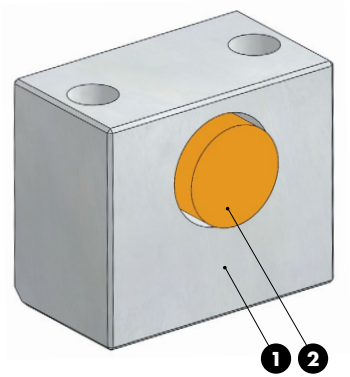
Material: St37

STOCK

ORDER EXAMPLE	OPEL CODE
	F33260204

OPEL CODE	A
F33260203	75
F33260204	100
F33260205	150

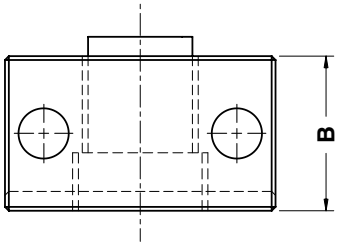
SLIDE STOP BLOCK - SCHIEBERANSCHLAG - ARRESTO SLITTA

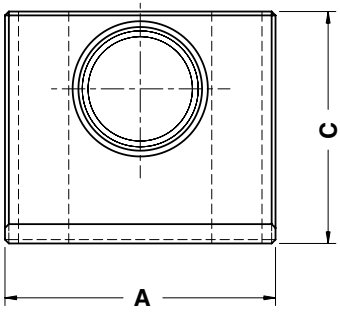


Notes

1. **Material:** CK45
2. **Material:** Elastomer 90 SH

STOCK ...

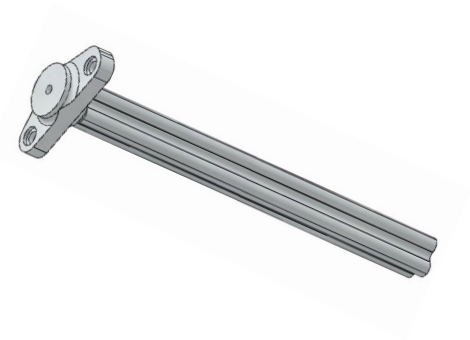




ORDER EXAMPLE	OPEL CODE
	F33260264

OPEL CODE	A	B	C
F33260223	80	80	70
F33260264	80	40	70
F33260342	70	40	60

STAMP RACK PILLAR - MARKIERSTEMPELKONSOLE - COLONNA PORTATIMBRI



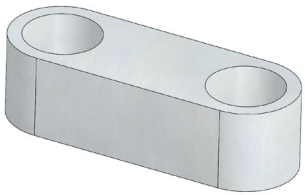
Notes
Material: CK45

STOCK

ORDER EXAMPLE	OPEL CODE
	F33290002

OPEL CODE
F33290002

COUNTER-PRESSURE PLATE - GEGENDRUCKPLATTE - PIASTRINA DI REAZIONE



Notes
Material: St37

STOCK

ORDER EXAMPLE	OPEL CODE
	F33290041

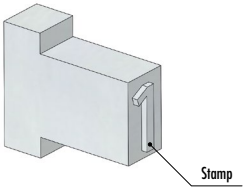
OPEL CODE
F33290041

STAMP - BUCHSTABENSTEMPEL - PUNZONE MARCHIO

Notes

Material: 90MnCrV8
HRC: 60÷64

STOCK



ORDER EXAMPLE

OPEL CODE
F33290044

OPEL CODE	Stamp	OPEL CODE	Stamp	OPEL CODE	Stamp	OPEL CODE	Stamp
F33290043	0	F33290052	9	F33290150	J	F33290159	U
F33290044	1	F33290142	A	F33290151	K	F33290160	V
F33290045	2	F33290143	B	F33290152	L	F33290161	W
F33290046	3	F33290144	C	F33290153	M	F33290162	X
F33290047	4	F33290145	D	F33290154	N	F33290163	Y
F33290048	5	F33290146	E	F33290155	P	F33290164	Z
F33290049	6	F33290147	F	F33290156	R		
F33290050	7	F33290148	G	F33290157	S		
F33290051	8	F33290149	H	F33290158	T		

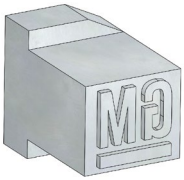
F3329 OMCR

STAMP - BUCHSTABENSTEMPEL - MARCHIO

Notes

Material: 90MnCrV8
HRC: 60÷64

STOCK



ORDER EXAMPLE

OPEL CODE
F33290063

OPEL CODE
F33290063

VISUAL LOCATOR PUNCH - ENDKONTROLLSTEMPEL - PUNZONE DI VISUALIZZAZIONE



Notes

Material: X155CrVMo121KU
HRC: 60÷64

STOCK

ORDER EXAMPLE

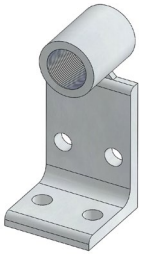
OPEL CODE
F33290068

OPEL CODE
F33290068

F3391

OMCR

AIR COUPLING BRACKET - LUFTANSCHLUSSBLOCK - SUPPORTO INNESTI RAPIDI



Notes
Material: St37

STOCK

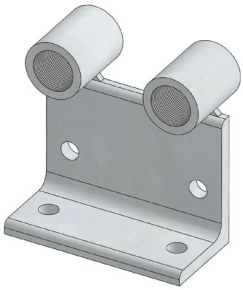
ORDER EXAMPLE	OPEL CODE
	F33910001

OPEL CODE
F33910001

F3391

OMCR

AIR COUPLING BRACKET - LUFTANSCHLUSSBLOCK - SUPPORTO INNESTI RAPIDI



Notes
Material: St37

STOCK

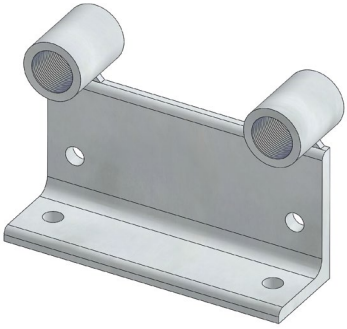
ORDER EXAMPLE	OPEL CODE
	F33910002

OPEL CODE
F33910002

F3391

OMCR

AIR COUPLING BRACKET - LUFTANSCHLUSSBLOCK - SUPPORTO INNESTI RAPIDI



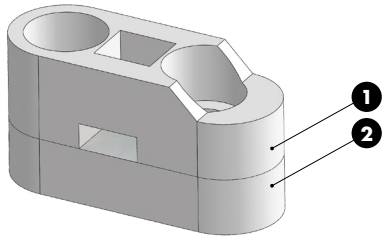
Notes
Material: St37

STOCK

ORDER EXAMPLE	OPEL CODE
	F33910003

OPEL CODE
F33910003

RETAINER FOR STAMPS - HALTEPLATTE - PORTATIMBRI



Notes
1 F33290065 - **Material:** St37
2 F33290066 - **Material:** CK45

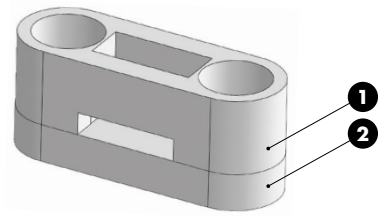
STOCK ...

ORDER EXAMPLE	OPEL CODE
	F33910043

OPEL CODE
F33910043

F3391 OMCR

RETAINER FOR STAMPS - HALTEPLATTE - PORTATIMBRI



Notes
1 F33290039 - **Material:** CK45
2 F33290040 - **Material:** CK45

STOCK ...

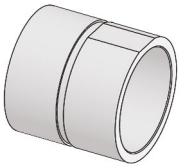
ORDER EXAMPLE	OPEL CODE
	F33910044

OPEL CODE
F33910044

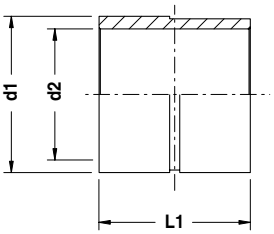
F3391

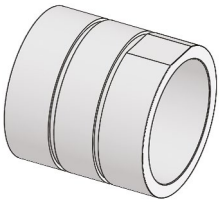
OMCR

BUSH FOR LIFTING PIN - BUCHSE FÜR TRAGBOLZEN - BOCCOLA PER PERNO DI SOLLEVAMENTO



FORM A





FORM B

Notes

Material: St35

STOCK

ORDER EXAMPLE

OPEL CODE
F33910111

OPEL CODE	d1	d2	L1	FORM
F33910110	44	34	40	A
F33910111	52	42	50	A
F33910112	62	52	60	A
F33910113	75	65	80	A
F33910114	75	65	75	A
F33910115	100	82	100	B

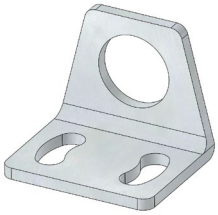
J0691

OMCR

SENSOR MOUNTING BRACKET - SENSORHALTERUNGEN - STAFFA PER SENSORE



J06910069



J06910070

Notes

Material: St37

STOCK

ORDER EXAMPLE

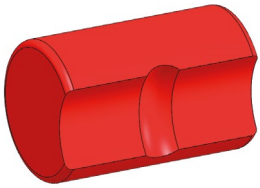
OPEL CODE
J06910070

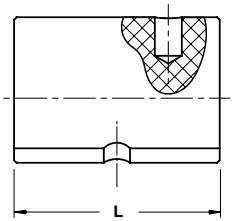
OPEL CODE
J06910069
J06910070

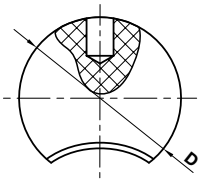
M1604

OMCR

SHOCK ABSORBER - HALTEELEMENT - AMMORTIZZATORE







Notes

Material: Polyurethane 92 SH

STOCK

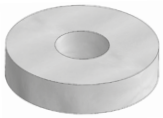
ORDER EXAMPLE	OPEL CODE
	M16045183

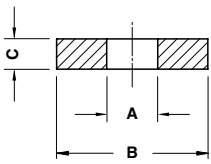
OPEL CODE	D	L
M16045182	40	60
M16045183	50	80
M16045184	63	80

M3660

OMCR

WASHER - SCHEIBE - RONDELLA





Notes

Material: CK45

STOCK

ORDER EXAMPLE	OPEL CODE
	M36600071

OPEL CODE	A	B	C
M36600070	8,4	21	4
M36600071	10,5	25	4
M36600072	13	30	6
M36600073	17	40	6

