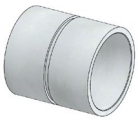


Die Components
Normalien
Componenti

OMCR®
STANDARD DIE COMPONENTS

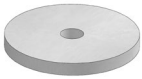
MAIN INDEX

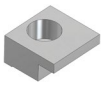
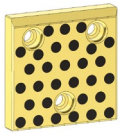
B2 2101 016	B2 2305 016	B2 2305 017	B2 2305 022	B2 2305 022
				
Bush for lifting pin Buchse für Tragbolzen Boccola per perno di sollevamento	Gage Einweiser Riferimento	Gage hardened Einweiser gehärtet Riferimento indurito	Gage for sensor Einweiser für Teillagekontolle Riferimento per sensore	Gage for sensor Einweiser für Teillagekontolle Riferimento per sensore
156	156	157	157	158

B2 2305 024	B2 2305 024	B2 2604 012	B2 2615 002	B2 2705 011
				
Gage for sensor Einweiser für Teillagekontolle Riferimento per sensore	Gage for sensor Einweiser für Teillagekontolle Riferimento per sensore	Lower air cushion pin Unterluftbolzen Candela inferiore	Upper air cushion pin Oberluftbolzen Candela superiore	Stop block Abstandsblock Distanziale
158	159	160	161	162

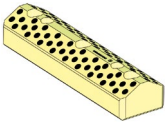
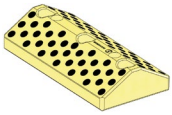
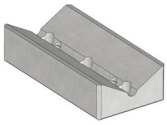
B2 2705 011	B2 2708 011	B2 2709 011	B2 2715 011	B2 2715 011
				
Stop block Abstandsblock Distanziale	Spacer Distanzstück Distanziale	Backing plate Distanzkappe Reazione per cilindro	Locating cone Kegeldistanz Cono di centraggio	Shim Ausgleichscheib Spessore
162	163	164	165	165

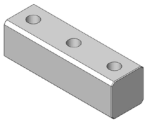
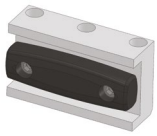
B2 2715 014	B2 2715 014	B2 2717 012a -013a	B2 2904 009	B2 2904 011
				
Locating cone Kegeldistanz Cono di centraggio	Shim Ausgleichscheib Spessore	Spacer plate toothed Distanzplatte gezahnt Tassello di compensazione	Retainer Sicherungsplatte Piastrina	Retaining bolt Sicherungsbolzen Perno di bloccaggio
166	166	167	167	168

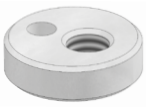
B2 2920 001	B2 2920 001	B2 2920 001	B2 2920 001	B2 2920 003
				
Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Washer Federscheibe Rondella per colonne
169	170	171	172	173

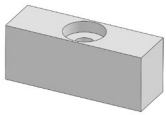
B2 2920 003	B2 2933 001	B2 2933 001	B2 2933 001	B2 2960 012
				
Toe clamp Haltestück Ritegno per boccola	Guide bush DIN 9834 Führungsbuchse DIN 9834 Boccola DIN 9834	Guide bush Führungsbuchse Boccola	Guide bush Führungsbuchse Boccola	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357
173	174	174	175	176

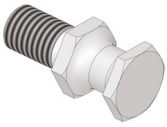
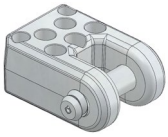
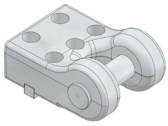
B2 2960 012	B2 2960 012	B2 2960 012	B2 2969 011	B2 2975 011
				
Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Gib VDI 3387 Führungslasche VDI 3387 Guida VDI 3387	Guide bar VDI 3357 Führungsleiste VDI 3357 Lardone VDI 3357
177	178	179	180	180

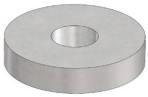
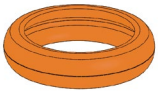
B2 2978 021	B2 2978 021	B2 2978 021	B2 2978 021	B2 2978 023
				
"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	Distance plate for "V" driver Höhenausgleich für Prismenfuhrung Distanziale per guida a "V"
181	181	182	182	183

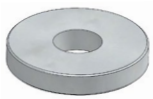
B2 2981 011	B2 3001 021	B2 3001 021	B2 3001 021	B2 3001 021
				
Central guide Mittelführungen Guida centrale	Slide stop block Schieberranschlag Arresto slitta	Slide stop block Schieberranschlag Arresto slitta	Anti-rebound elastomer Dämpfungselement Ammortizzatore antirimbalzo	Slide stop block Schieberranschlag Arresto slitta
177	184	184	185	185

B2 3001 021	B2 3302 021	B2 3302 021	B2 3602 003	B2 3602 003
				
Anti-rebound elastomer Dämpfungselement Ammortizzatore antirimbalzo	Coupling plate Befestigungsplatte Staffa di reazione	Coupling nut Kupplungsmutter Aggancio staffa	Shim Prägestempel Spessore	Visual locator setting punch Stempel f. entgasungsnoppen Punzone di visualizzazione
186	186	187	187	188

B2 3765 001	B2 4010 001	B2 4068 001	B2 4068 002	B2 4069 001
				
Key Passfeder Chiavetta	Backing plate Distanzkappe Reazione per cilindro	Locating pin Zentrierbolzen Centraggio	Locating pin Zentrierbolzen Centraggio	Key Passfeder Chiavetta
188	189	189	190	190

B2 5601 011	B2 5602 011	B2 5602 012	B2 5605 011	B2 5605 011a
				
Lifting pin Tragbolzen mit Fallringsicherung Perno di sollevamento	Lifting bracket with rope stop safety Tragzapfen mit Seilsicherung Staffa di sollevamento con sicurezza fermafune	Lifting pin VDI 3366 Tragschraube VDI 3366 Perno di sollevamento VDI 3366	Lifting bracket with pin and locating pins Tragwange mit Tragbolzen und Zentrierbolzen Staffa di sollevamento completa di perno e centraggi	Lifting bracket with pin and keys Tragwange mit Tragbolzen und Passfeder Staffa di sollevamento completa di perno e chiavette
191	192	193	194	195

B2 5605 012	B2 5702 012	B2 6201 011	B2 6201 012	B2 6202 005
				
Lifting pin Tragbolzen mit Fallringsicherung Perno di sollevamento	Pad retainer pin Steckbolzen Perno di arresto	Washer Scheibe Rondella	Spacer tube Distanzbuchse Tubo distanziale	Buffer Stossdämpfer Ammortizzatore
196	197	198	199	200

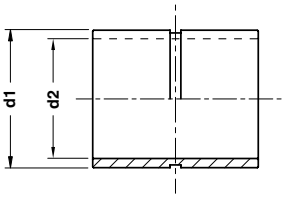
B2 6202 006	B2 6202 006	B2 6204 012
		
Washer Scheibe Rondella	Washer Scheibe Rondella	Shock absorber Halteelement Ammortizzatore
200	201	201

B2 2101 016

OMCR

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





FORM A



FORM B

Notes
Material: St35

STOCK

ORDER EXAMPLE

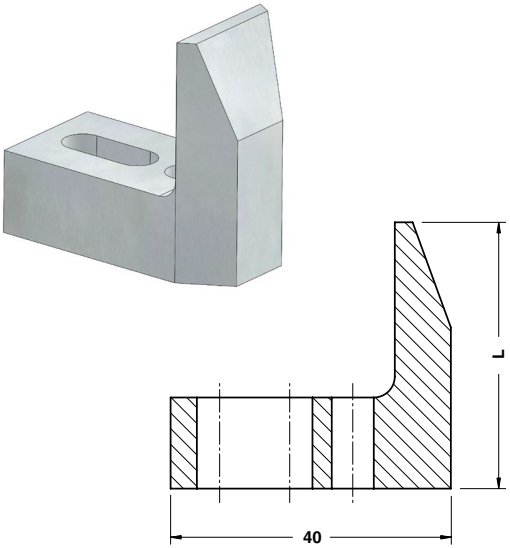
BMW CODE
2 173 600

BMW CODE	d1	d2	FORM
2 173 599	44	34	A
2 173 600	52	42	A
2 173 601	62	52	A
2 173 602	75	65	A
2 173 603	100	78	B
2 173 604	105	78	B

B2 2305 016

OMCR

GAGE - EINWEISER - RIFERIMENTO



Notes
Material: 21MnCr5 - **HRC:** 58÷60

STOCK

ORDER EXAMPLE

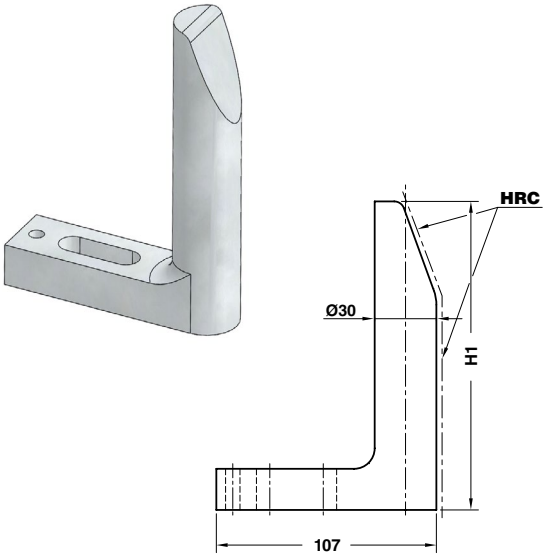
BMW CODE
2 175 120

BMW CODE	L
2 175 119	28
2 175 120	38
2 175 121	48
5 792 350	68
5 792 351	88

B2 2305 017

OMCR

GAGE HARDENED - EINWEISER GEHÄRTET - RIFERIMENTO INDURITO



Notes

Material: CK60 - **HRC:** 58÷60

STOCK

ORDER EXAMPLE

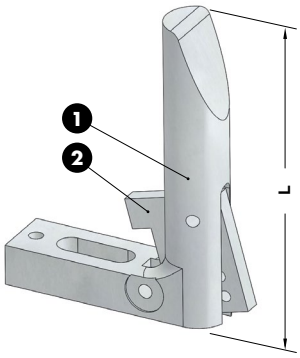
BMW CODE
2 173 836

BMW CODE	H1
2 173 835	65
2 173 836	90
2 173 837	120
2 173 838	150
2 173 839	180
2 175 927	210
2 173 840	250
2 175 127	300
2 175 128	350

B2 2305 022

OMCR

GAGE FOR SENSOR - EINWEISER FÜR TEILLAGEKONTROLLE - RIFERIMENTO PER SENSORE

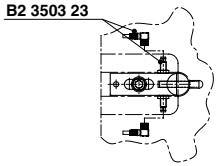


STOCK

Notes

1. **Material:** CK60
2. **Material:** St37 - **HRC:** 50÷55

Application example



ORDER EXAMPLE

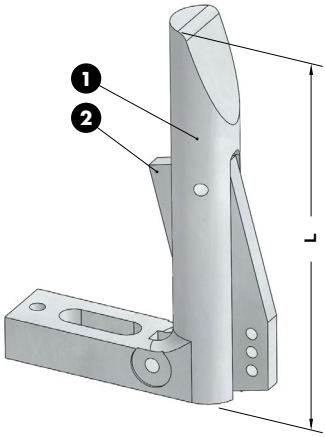
BMW CODE
2 173 842

BMW CODE	L	Sensor
2 173 841	120	included
2 173 842	120	not included
2 173 843	150	included
2 173 844	150	not included

B2 2305 022

OMCR

GAGE FOR SENSOR - EINWEISER FÜR TEILLAGEKONTROLLE - RIFERIMENTO PER SENSORE

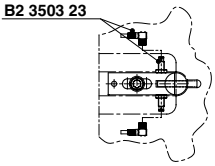


STOCK

Notes

1. **Material:** CK60
2. **Material:** St37 - **HRC:** 50÷55

Application example



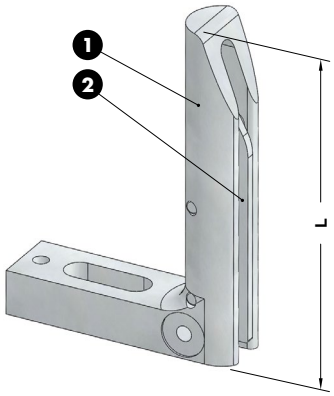
ORDER EXAMPLE	BMW CODE
	2 173 846

BMW CODE	L	Sensor
2 173 845	180	included
2 173 846	180	not included
2 173 847	250	included
2 173 848	250	not included

B2 2305 024

OMCR

GAGE FOR SENSOR - EINWEISER FÜR TEILLAGEKONTROLLE - RIFERIMENTO PER SENSORE



Notes

1. **Material:** CK60
2. **Material:** St37 - **HRC:** 58÷60

Only for replacement
Nur für Reparatur
Solo per riparazione

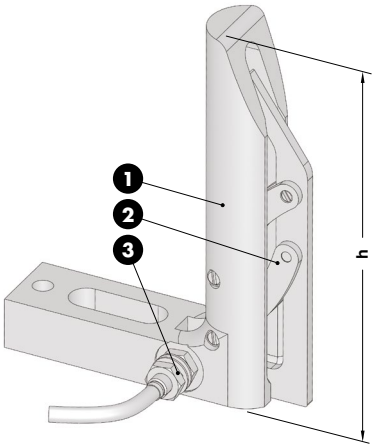
STOCK

ORDER EXAMPLE	BMW CODE
	2 173 850

BMW CODE	L
2 173 849	120
2 173 850	150
2 173 851	180
2 173 852	250
2 173 853*	250

* With short plate
Mit Kurzschild
Con piastra corta

GAGE WITH SENSOR- EINWEISER MIT TEILLAGEKONTROLLE - RIFERIMENTO CON SENSORE

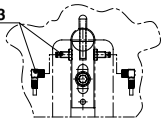


Notes

1. **Material:** CK60 - **HRC:** 58÷60
2. **Material:** 16MnCr5 - **HRC:** 58÷60
3. Proximity sensor with cable coupling

Application example

B2 3503 23



ORDER EXAMPLE	BMW CODE
	2 175 999

BMW CODE	h
2 175 998	120
2 175 999	150
2 176 000	180
2 176 001	250

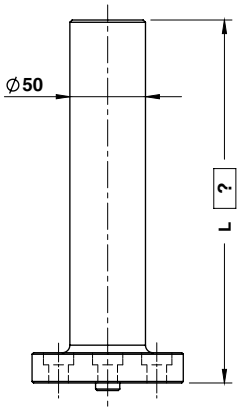
LOWER AIR CUSHION PIN - UNTERLUFTBOLZEN - CANDELA INFERIORE

⚠
85 < L ≤ 500 mm

Notes
Material: CK45 - 800÷1000 N/mm²

10





FORM A



FORM B



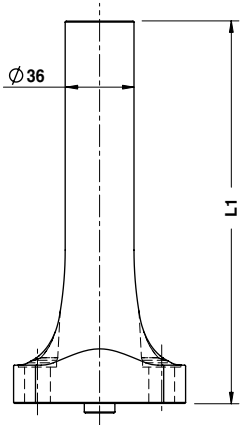
FORM C

ORDER EXAMPLE	BMW CODE	L=355
	6 293 157	355

BMW CODE	FORM
6 293 156	A
6 293 157	B
6 293 158	C

UPPER AIR CUSHION PIN - OBERLUFTBOLZEN - CANDELA SUPERIORE





Notes

Material: 42CrMo4
800÷1000 N/mm²

10

ORDER EXAMPLE

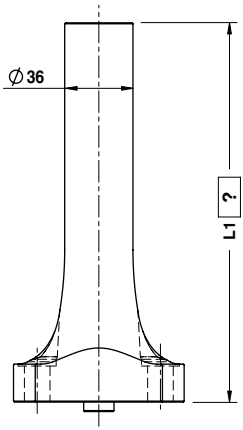
BMW CODE
2 175 218

BMW CODE	L1
2 175 217	150
2 175 218	175
2 175 219	200
2 175 220	225
2 175 221	250

B2 2615 002

UPPER AIR CUSHION PIN - OBERLUFTBOLZEN - CANDELA SUPERIORE





L max = 250 mm

Notes

Material: 42CrMo4
800÷1000 N/mm²

10

ORDER EXAMPLE

BMW CODE	L1=185
2 175 222	185

BMW CODE
2 175 222

B2 2705 011

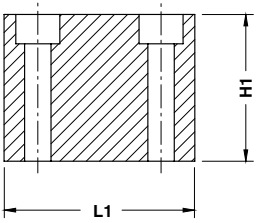
OMCR

STOP BLOCK - ABSTANDSBLOCK - DISTANZIALE

STOCK

Notes
Material: St37





ORDER EXAMPLE

BMW CODE
2 175 075

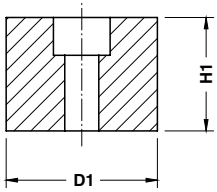
BMW CODE	L1	H1
2 175 074	65	30
2 175 075	65	50
2 175 076	100	30
2 175 077	100	50
2 175 375	80	30
2 175 376	100	30

B2 2705 011

OMCR

STOP BLOCK - ABSTANDSBLOCK - DISTANZIALE





Notes
Material: CK45

STOCK

ORDER EXAMPLE

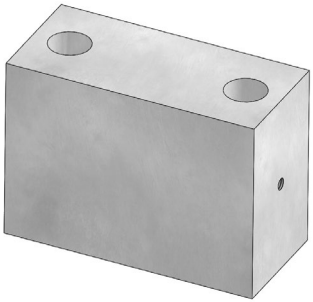
BMW CODE
2 175 079

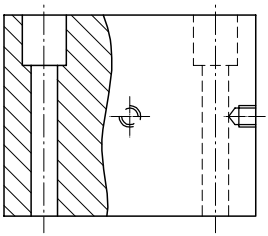
BMW CODE	D1	H1
2 175 078	40	30
2 175 079	40	50

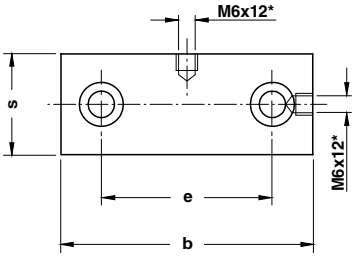
SPACER - DISTANZSTÜCK - DISTANZIALE

Notes
Material: St37

STOCK



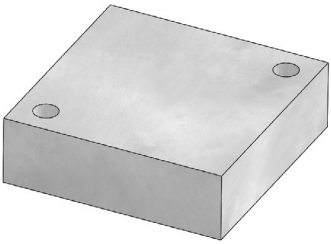


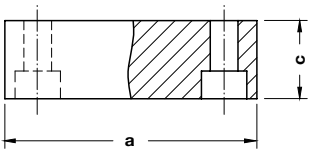


ORDER EXAMPLE	BMW CODE
	2 172 065

BMW CODE	b	e	s	Max load (kN)	BMW CODE *(without thread M6)	b	e	s	Max load (kN)
2 172 064	65	35	30	270	**2 173 866**	65	35	30	270
2 172 065	100	68	40	700	**2 173 867**	100	68	40	700
2 168 316	160	98	40	1100	**2 173 868**	160	98	40	1100
2 172 066	110	78	50	1000	**2 173 869**	110	78	50	1000
2 168 317	180	114	50	1600	**2 173 870**	180	114	50	1600
2 172 067	130	90	60	1500	**2 173 871**	130	90	60	1500
2 175 145	130	90	60	1500	**2 175 146**	130	90	60	1500
2 168 318	200	130	60	2300	**2 173 872**	200	130	60	2300
2 174 518	200	125	60	2300	**2 174 519**	200	125	60	2300
2 168 319	160	115	80	2350	**2 173 873**	160	115	80	2350
2 175 003	160	115	80	2350	**2 175 004**	160	115	80	2350
2 168 320	250	160	80	3650	**2 173 874**	250	160	80	3650
2 174 520	250	155	80	3650	**2 174 521**	250	155	80	3650

BACKING PLATE - DISTANZKAPPE - REAZIONE PER CILINDRO





Notes

Material: 90MnCrV8 - **HRC:** 49÷52

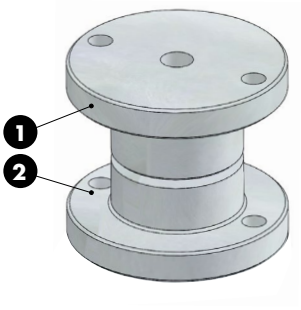
STOCK

ORDER EXAMPLE

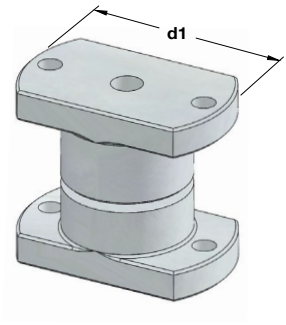
BMW CODE
2 171 494

BMW CODE	a	c
2 171 493	60	48
2 171 494	60	43
2 171 495	70	39
2 171 496	100	36
2 171 497	100	31
2 172 219	60	30
2 172 220	60	25
2 172 221	70	20
2 172 222	100	20
2 172 223	100	15

LOCATING CONE - KEGELDISTANZ - CONO DI CENTRAGGIO



FORM A



FORM B

Notes
1 2 **Material:** 16MnCr5 - **HRC:** 60÷62

STOCK

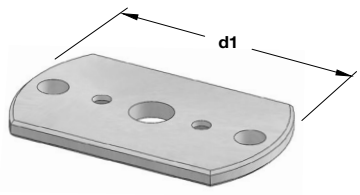
ORDER EXAMPLE	BMW CODE
	2 171 883

BMW CODE	d1	FORM
2 171 882	100	A
2 171 883	100	B
2 171 884	120	A
2 171 885	120	B

SHIM - ABSTIMMSCHEIBE - SPESSORE



FORM A



FORM B

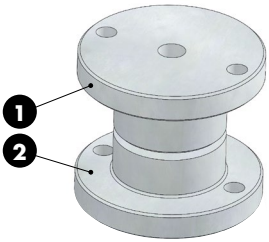
Notes
Material: CK45

STOCK

ORDER EXAMPLE	BMW CODE
	2 171 887

BMW CODE	d1	FORM
2 171 886	100	A
2 171 887	100	B
2 171 888	120	A
2 171 889	120	B

LOCATING CONE - KEGELDISTANZ - CONO DI CENTRAGGIO

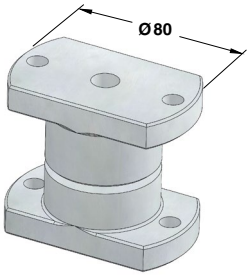


Notes

1 2

Material: 16MnCr5 - **HRC:** 60÷62

STOCK



FORM B

ORDER EXAMPLE	BMW CODE
	2 173 124

BMW CODE	FORM
2 173 123	A
2 173 124	B

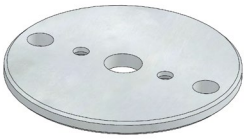
B2 2715 014

SHIM - ABSTIMMSCHEIBE - SPESSORE

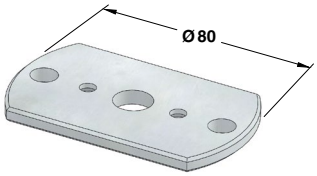
Notes

Material: CK45

STOCK



FORM A



FORM B

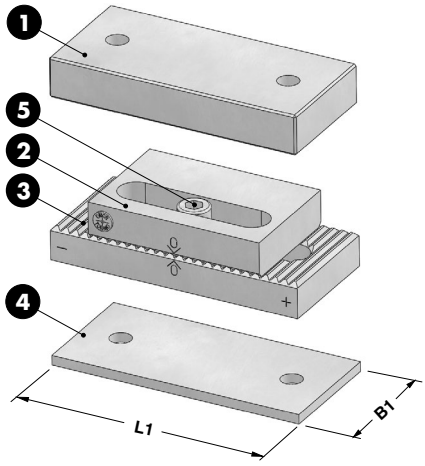
ORDER EXAMPLE	BMW CODE
	2 173 126

BMW CODE	FORM
2 173 125	A
2 173 126	B

B2 2717 012a-013a

OMCR

SPACER PLATE TOOTHED - DISTANZPLATTE GEZAHNT - TASSELLO DI COMPENSAZIONE



Notes

1 2 3 **Material:** 90MnCrV8 - **HRC**: 58÷60

4 **Material:** Steel

5 DIN 912

STOCK ...

ORDER EXAMPLE

BMW CODE
2 171 715

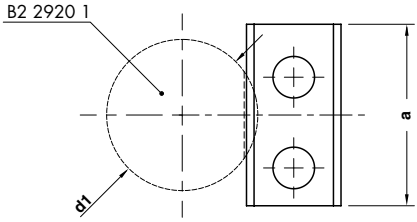
BMW CODE	B1	L1	*
2 171 714	60	130	12a
2 171 715	80	160	13a

B2 2904 009

OMCR

RETAINER - SICHERUNGSPLATTE - PIASTRINA





Notes

Material: St37

STOCK

ORDER EXAMPLE

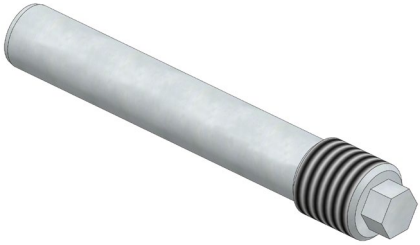
BMW CODE
2 174 517

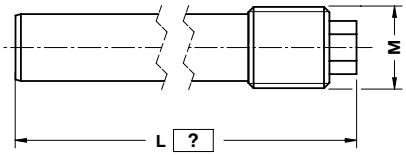
BMW CODE	a	d1
2 174 516	40	25÷32
2 174 517	48	40÷50

B2 2904 011

OMCR

RETAINING BOLT - SICHERUNGSBOLZEN - PERNO DI BLOCCAGGIO





Notes
Material: CK45

10

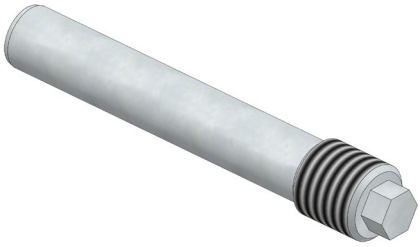
ORDER EXAMPLE	BMW CODE	L=240
	2 174 247	240

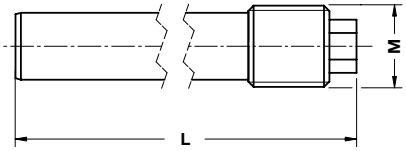
BMW CODE	L	M
2 174 247	≤ 300	M 30

B2 2904 011

OMCR

RETAINING BOLT - SICHERUNGSBOLZEN - PERNO DI BLOCCAGGIO





Notes
Material: CK45

STOCK

ORDER EXAMPLE	BMW CODE
	2 174 246

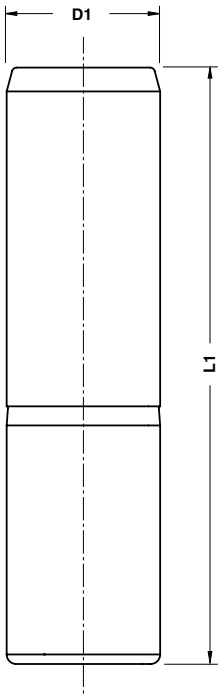
BMW CODE	L	M
2 174 780	180	M 30
2 174 246	230	M 30
2 175 009	200	M 20

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA

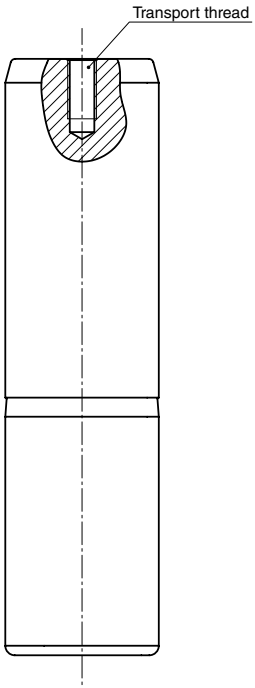
Notes
Material: Steel - **HRC** 60÷62

10





FORM A



FORM B

ORDER EXAMPLE

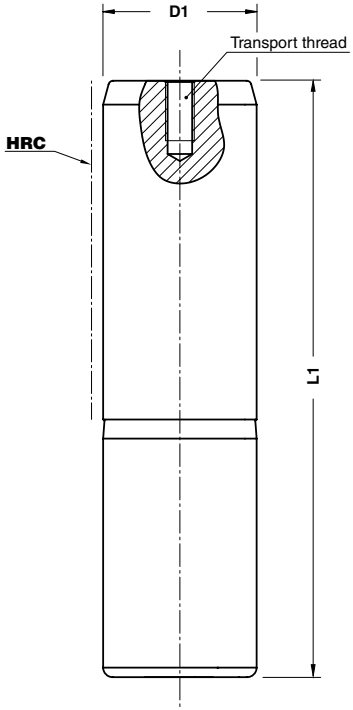
BMW CODE
2 168 678

BMW CODE	D1	L1	FORM	BMW CODE	D1	L1	FORM
2 168 677	63	200	A	**2 168 682**	80	250	B
2 168 678	63	250	A	**2 168 684**	80	280	B
2 175 085	63	280	A	**2 168 686**	80	315	B
2 168 679	63	315	A	**2 168 688**	80	355	B
2 168 680	63	355	A				

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA

Notes
Material: Steel - **HRC** 60÷62





ORDER EXAMPLE	BMW CODE
	2 175 006

BMW CODE	D1	L1	BMW CODE	D1	L1
2 175 005	80	250	**2 171 214**	100	355
2 175 006	80	280	**2 171 216**	100	400
2 175 007	80	315	**2 171 218**	125	355
2 175 008	80	355	**2 172 239**	125	400
2 174 777	100	280	**2 171 220**	125	450
2 174 778	100	315			

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA

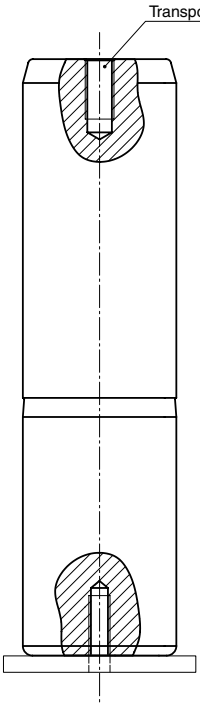
Notes

Material: Steel - **HRC** 60÷62

10



FORM A



FORM B

ORDER EXAMPLE

BMW CODE
2 173 907

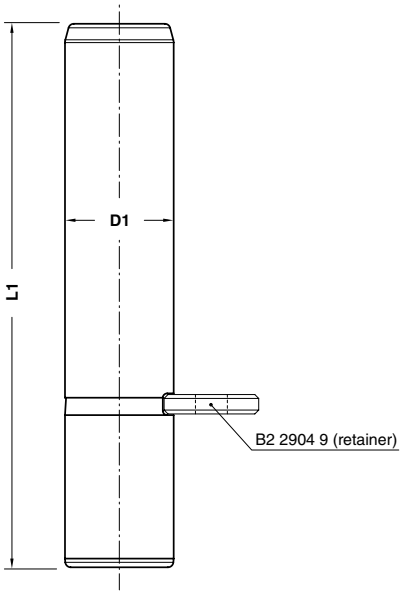
BMW CODE	D1	L1	FORM	Washer Code
2 173 906	40	160	A	2173912
2 173 907	40	180	A	2173912
2 173 908	40	200	A	2173912
2 173 909	40	224	A	2173912
2 173 910	40	250	A	2173912
2 173 911	40	280	A	2173912
2 173 913	50	160	A	2173919
2 173 914	50	200	A	2173919
2 173 915	50	250	A	2173919
2 173 916	50	280	A	2173919
2 173 917	50	315	A	2173919
2 173 918	50	355	A	2173919
2 173 920	63	200	A	2173925
2 173 921	63	250	A	2173925
2 175 086	63	280	A	2173925
2 173 922	63	315	A	2173925
2 173 923	63	355	A	2173925
2 173 926	80	250	B	2 173 930
2 173 927	80	280	B	2 173 930
2 173 928	80	315	B	2 173 930
2 173 929	80	355	B	2 173 930

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA

Notes

Material: Steel - **HRC** 60÷62





ORDER EXAMPLE

BMW CODE
2 174 493

BMW CODE	D1	L1	Retainer Code	BMW CODE	D1	L1	Retainer Code	BMW CODE	D1	L1	Retainer Code
2 174 492	25	125	2 174 516	**2 174 499**	40	160	2 174 517	**2 174 506**	50	200	2 174 517
2 174 493	25	140	2 174 516	**2 174 500**	40	180	2 174 517	**2 174 507**	50	250	2 174 517
2 174 494	25	160	2 174 516	**2 174 501**	40	200	2 174 517	**2 174 508**	50	280	2 174 517
2 174 495	25	180	2 174 516	**2 174 502**	40	224	2 174 517	**2 174 509**	50	315	2 174 517
2 174 496	25	200	2 174 516	**2 174 503**	40	250	2 174 517	**2 174 510**	50	355	2 174 517
2 174 497	32	160	2 174 516	**2 174 504**	40	280	2 174 517				
2 174 498	32	200	2 174 516	**2 174 505**	50	160	2 174 517				

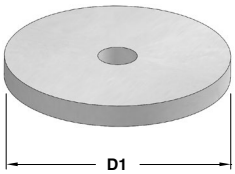
B2 2920 003

OMCR

WASHER - FEDERSCHEIBE - RONDELLA PER COLONNE

Notes
Material: CK45

STOCK



ORDER EXAMPLE

BMW CODE
2 173 919

BMW CODE	D1
2 173 912	60
2 173 919	70
2 173 925	83
2 173 930	100

B2 2920 003

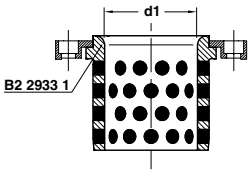
OMCR

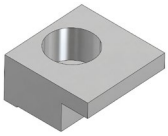
TOE CLAMP - HALTESTÜCK - RITEGNO PER BOCCOLA

STOCK

Notes
Material: CK45

Application example





ORDER EXAMPLE

BMW CODE
2 168 842

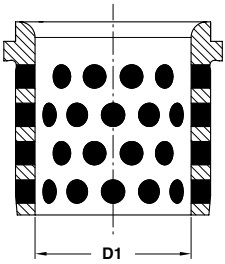
BMW CODE	d1
2 168 834	25÷50
2 168 842	63÷160

B2 2933 001

OMCR

GUIDE BUSH DIN 9834 - FÜHRUNGSBUCHSE DIN 9834 - BOCCOLA DIN 9834





Notes

Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE	BMW CODE
	2 168 700

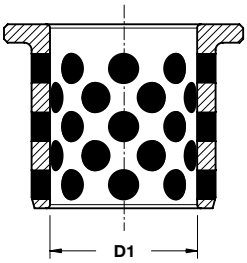
BMW CODE	D1
2 168 699	25
2 168 700	32
2 168 701	40
2 168 702	50
2 168 703	63
2 168 704	80
2 168 705	100
2 168 706	125
2 168 707	160

B2 2933 001

OMCR

GUIDE BUSH - FÜHRUNGSBUCHSE - BOCCOLA





Notes

Material: Bronze + Graphite
HB > 190

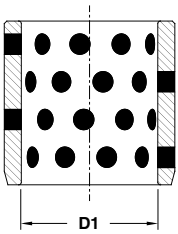
STOCK

ORDER EXAMPLE	BMW CODE
	2 172 557

BMW CODE	D1
2 172 556	16
2 172 557	20

GUIDE BUSH - FÜHRUNGSBUCHSE - BOCCOLA





Notes
Material: Bronze + Graphite **HB** > 190

STOCK

ORDER EXAMPLE	BMW CODE
	2 172 559

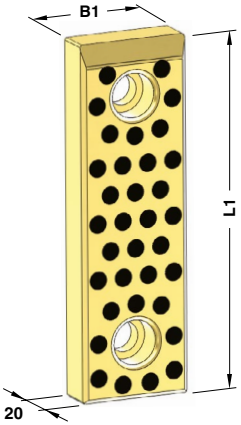
BMW CODE	D1
2 172 558	16
2 172 559	20

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

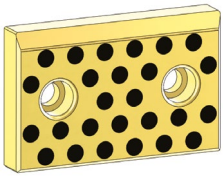
Notes

Material: Bronze + Graphite
HB > 190

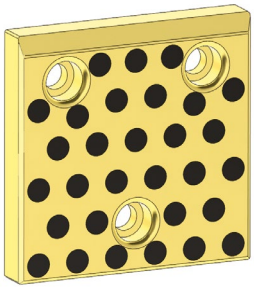
STOCK



FORM A



FORM B



FORM C

ORDER EXAMPLE

BMW CODE
2 168 338

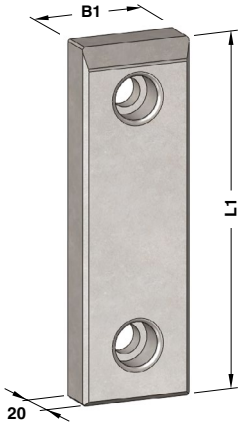
BMW CODE	B1	L1	FORM	BMW CODE	B1	L1	FORM
2 168 337	50	80	A	2 168 352	100	160	B
2 168 338	50	100	A	2 168 353	100	200	B
2 168 339	50	125	A	2 168 354	125	50	B
2 168 340	50	160	A	2 168 355	125	80	B
2 168 341	50	200	A	2 168 356	125	100	C
2 168 342	80	50	B	2 168 357	125	125	C
2 168 343	80	80	A	2 168 358	125	160	C
2 168 344	80	100	A	2 168 359	125	200	C
2 168 345	80	125	A	2 168 360	160	50	B
2 168 346	80	160	A	2 168 361	160	80	B
2 168 347	80	200	A	2 168 362	160	100	C
2 168 348	100	50	B	2 168 363	160	125	C
2 168 349	100	80	B	2 168 364	160	160	C
2 168 350	100	100	A	2 168 365	160	200	C
2 168 351	100	125	A				

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

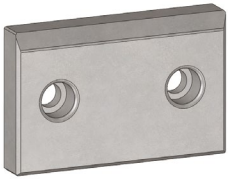
Notes

Material: X153CrMoV12 - **HRC** 58÷60

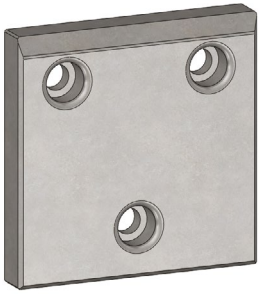
STOCK



FORM A



FORM B



FORM C

ORDER EXAMPLE

BMW CODE
2 168 367

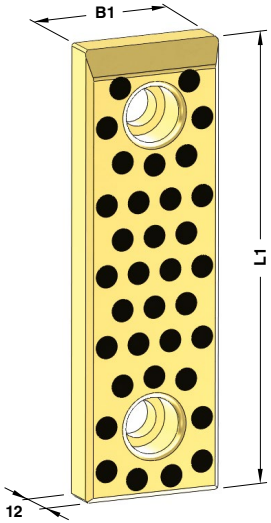
BMW CODE	B1	L1	FORM	BMW CODE	B1	L1	FORM
2 168 366	50	80	A	2 168 381	100	160	B
2 168 367	50	100	A	2 168 382	100	200	B
2 168 368	50	125	A	2 168 383	125	50	B
2 168 369	50	160	A	2 168 384	125	80	B
2 168 370	50	200	A	2 168 385	125	100	C
2 168 371	80	50	B	2 168 386	125	125	C
2 168 372	80	80	A	2 168 387	125	160	C
2 168 373	80	100	A	2 168 388	125	200	C
2 168 374	80	125	A	2 168 389	160	50	B
2 168 375	80	160	A	2 168 390	160	80	B
2 168 376	80	200	A	2 168 391	160	100	C
2 168 377	100	50	B	2 168 392	160	125	C
2 168 378	100	80	B	2 168 393	160	160	C
2 168 379	100	100	A	2 168 394	160	200	C
2 168 380	100	125	A				

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

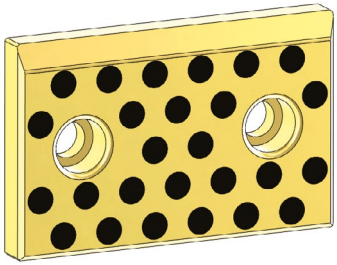
Notes

Material: Bronze + Graphite
HB > 190

STOCK



FORM A



FORM B

ORDER EXAMPLE

BMW CODE
2 169 172

BMW CODE	B1	L1	FORM
2 169 171	30	80	A
2 169 172	30	100	A
2 169 173	30	125	A
2 169 174	30	160	A
2 169 175	30	200	A
2 169 176	40	80	A
2 169 177	40	100	A
2 169 178	40	125	A
2 169 179	40	160	A
2 169 180	40	200	A
2 169 181	50	80	A
2 169 182	50	100	A
2 169 183	50	125	A
2 169 184	50	160	A
2 169 185	50	200	A
2 169 186	60	80	A
2 169 187	60	100	A
2 169 188	60	125	A
2 169 189	60	160	A
2 169 190	60	200	A
2 169 191	80	80	A
2 169 192	80	100	A
2 169 193	80	125	A
2 169 194	80	160	A
2 169 195	80	200	A
3 007 727	80	50	B

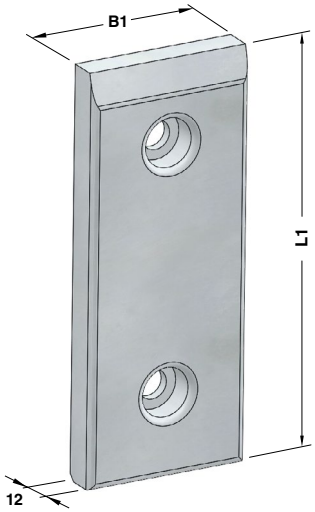
OMCR

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

Notes

Material: 16MnCr5 - **HRC** 58÷60

STOCK



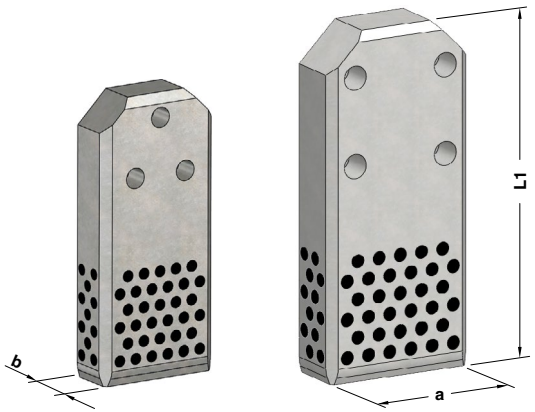
ORDER EXAMPLE

BMW CODE
2 170 889

BMW CODE	B1	L1	BMW CODE	B1	L1
2 170 888	30	80	**2 170 901**	50	160
2 170 889	30	100	**2 170 902**	50	200
2 170 890	30	125	**2 170 903**	60	80
2 170 891	30	160	**2 170 904**	60	100
2 170 892	30	200	**2 170 905**	60	125
2 170 893	40	80	**2 170 906**	60	160
2 170 894	40	100	**2 170 907**	60	200
2 170 895	40	125	**2 170 908**	80	80
2 170 896	40	160	**2 170 909**	80	100
2 170 897	40	200	**2 170 910**	80	125
2 170 898	50	80	**2 170 911**	80	160
2 170 899	50	100	**2 170 912**	80	200
2 170 900	50	125			

B2 2969 011

GIB VDI 3387 - FÜHRUNGSLASCHE VDI 3387 - GUIDA VDI 3387



FORM A FORM B

Notes

Material: CK45 + Graphite
HRC: 58÷60
Only for replacement
Nur für Reparatur
Solo per riparazione

STOCK

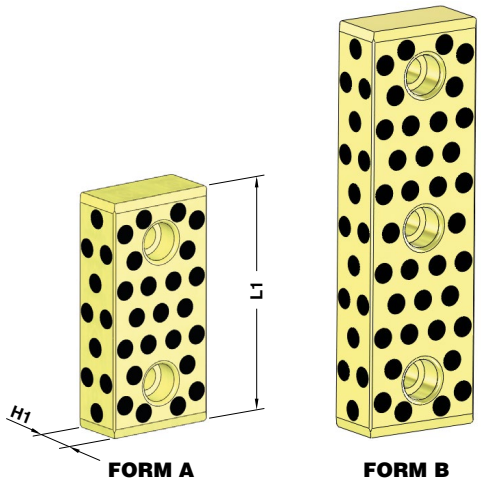
ORDER EXAMPLE

BMW CODE
2 168 880

BMW CODE	a	b	L1	FORM
2 168 879	112	45	250	A
2 168 880	140	45	315	B
2 168 881	190	56	400	B
2 174 248	240	56	500	B

B2 2975 011

GUIDE BAR VDI 3357 - FÜHRUNGSLEISTE VDI 3357 - LARDONE VDI 3357



FORM A FORM B

Notes

Material: Bronze + Graphite - **HB** >190

STOCK

ORDER EXAMPLE

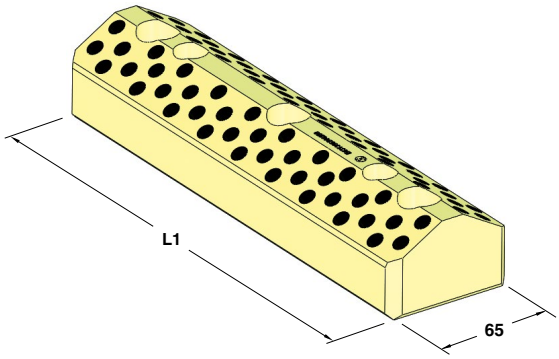
BMW CODE
2 168 884

BMW CODE	H1	L1	FORM
2 168 883	30	125	A
2 168 884	30	160	A
2 168 885	30	200	B
2 168 886	40	125	A
2 168 887	40	160	A
2 168 888	40	200	B

B2 2978 021

OMCR

"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

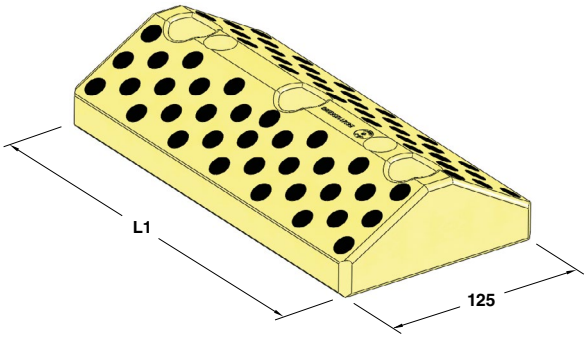
BMW CODE
2 168 900

BMW CODE	L1
2 168 899	150
2 168 900	200
2 168 901	250
2 168 902	300

B2 2978 021

OMCR

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



Notes

Material: Bronze + Graphite - **HB**>190

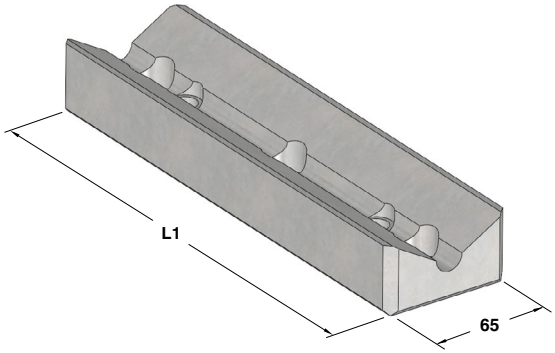
STOCK

ORDER EXAMPLE

BMW CODE
2 168 904

BMW CODE	L1
2 168 903	150
2 168 904	200
2 168 905	250
2 168 906	300

"V" DRIVER VDI 3357 - PRISMENFÜHRUNG VDI 3357 - GUIDA A "V" VDI 3357



Notes
Material: CK45 - **HRC:** 58÷60

STOCK

ORDER EXAMPLE

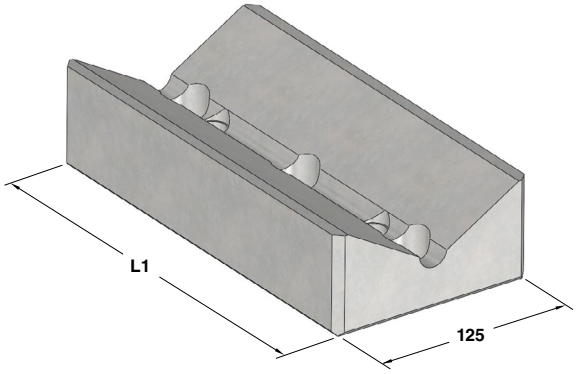
BMW CODE
2 168 919

BMW CODE	L1
2 168 918	150
2 168 919	200
2 168 920	250
2 168 921	300

B2 2978 021

OMCR

"V" DRIVER VDI 3357 - PRISMENFÜHRUNG VDI 3357 - GUIDA A "V" VDI 3357



Notes
Material: CK45 - **HRC:** 58÷60

STOCK

ORDER EXAMPLE

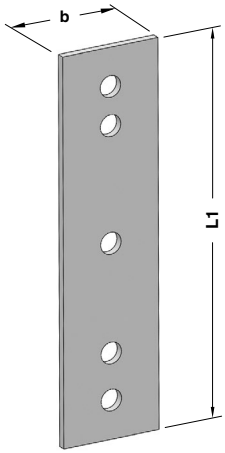
BMW CODE
2 168 923

BMW CODE	L1
2 168 922	150
2 168 923	200
2 168 924	250
2 168 925	300

B2 2978 023

OMCR

DISTANCE PLATE FOR "V" DRIVER
HÖHENAUSGLEICH FÜR PRISMENFUHRUNG
DISTANZIALE PER GUIDA A "V"



Notes

Material: St52

STOCK

ORDER EXAMPLE

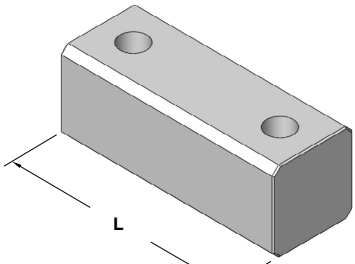
BMW CODE
2 172 953

BMW CODE	b	L1
2 172 952	65	150
2 172 953	65	200
2 172 954	65	250
2 172 955	65	300
2 172 956	125	150
2 172 957	125	200
2 172 958	125	250
2 172 959	125	300

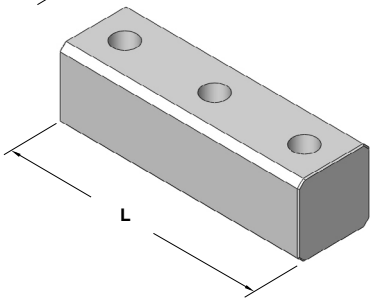
B2 2981 011

OMCR

CENTRAL GUIDE - MITTELFÜHRUNGEN - GUIDA CENTRALE



FORM A



FORM B

Notes

Material: 16MnCr5 - **HRC** 60÷62

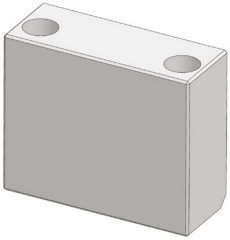
STOCK

ORDER EXAMPLE

BMW CODE
2 174 879

BMW CODE	L	FORM
2 174 878	125	A
2 174 879	160	A
2 174 880	200	B

SLIDE STOP BLOCK - SCHIEBERRANSCHLAG - ARRESTO SLITTA



Notes

Material: CK45

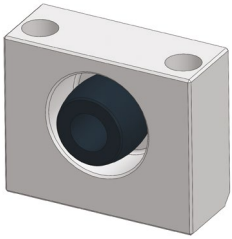
STOCK

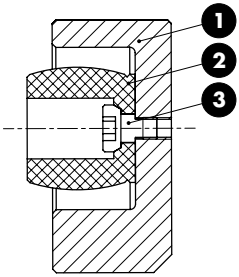
ORDER EXAMPLE	BMW CODE
	2 175 393

BMW CODE
2 175 393

B2 3001 021

SLIDE STOP BLOCK - SCHIEBERRANSCHLAG - ARRESTO SLITTA





Notes

1. **Material:** CK45
2. **Material:** CO-Polyester Elastomer
3. Screw

STOCK ...

ORDER EXAMPLE	BMW CODE
	2 174 768

BMW CODE
2 174 768

B2 3001 021

OMCR

ANTI-REBOUND ELASTOMER - DÄMPFUNGSELEMENT - AMMORTIZZATORE ANTIRIMBALZO



Notes
Material: CO-Polyester Elastomer

STOCK

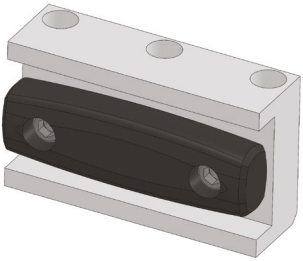
ORDER EXAMPLE	BMW CODE
	2 174 767

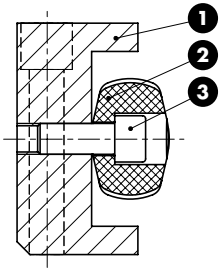
BMW CODE
2 174 767

B2 3001 021

OMCR

SLIDE STOP BLOCK - SCHIEBERRANSCHLAG - ARRESTO SLITTA





Notes
1 **Material:** CK45
2 **Material:** CO-Polyester Elastomer
3 M10x30 DIN 912

STOCK ...

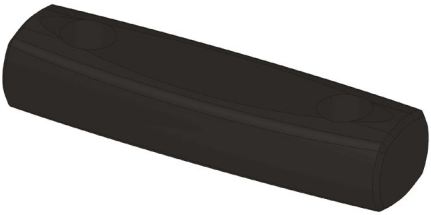
ORDER EXAMPLE	BMW CODE
	2 174 838

BMW CODE
2 174 838

B2 3001 021

OMCR

ANTI-REBOUND ELASTOMER - DÄMPFUNGSELEMENT - AMMORTIZZATORE ANTIRIMBALZO



Notes
Material: CO-Polyester Elastomer

STOCK

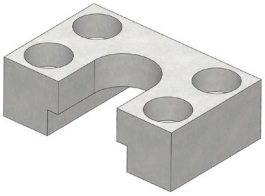
ORDER EXAMPLE	BMW CODE
	2 174 837

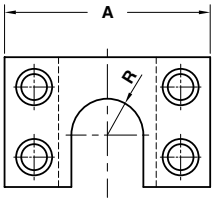
BMW CODE
2 174 837

B2 3302 021

OMCR

COUPLING PLATE – BEFESTIGUNGSPLATTE - STAFFA DI REAZIONE





Notes
Material: CK45

STOCK

ORDER EXAMPLE	BMW CODE
	2 175 052

BMW CODE	A	R
2 175 051	100	20
2 175 052	120	25

B2 3302 021

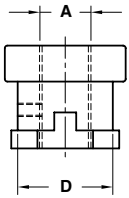
OMCR

COUPLING NUT - KUPPLUNGSMUTTER - AGGANCIO STAFFA

Notes
Material: CK45

STOCK





ORDER EXAMPLE

BMW CODE
2 175 054

BMW CODE	A	D
2 175 053	M16x1,5	37
2 175 054	M20x1,5	37
2 175 055	M27x2	47
2 175 056	M36x2	47

B2 3602 003

OMCR

SHIM - PRÄGESTEMPEL - SPESSORE

Notes
Material: St37

STOCK



ORDER EXAMPLE

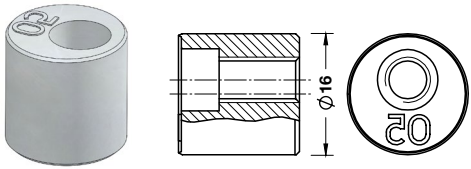
BMW CODE
2 168 546

BMW CODE
2 168 546

B2 3602 003

OMCR

VISUAL LOCATOR SETTING PUNCH
STEMPEL F. ENTGASUNGSNOPPEN
PUNZONE DI VISUALIZZAZIONE



STOCK

Notes

Material: X155CrVMo12 - **HRC:** 55÷58

Only for replacement. Nur für Reparatur. Solo per riparazione

ORDER EXAMPLE	BMW CODE	Option
	2 171 527	U 25

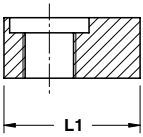
BMW CODE	Option	BMW CODE	Option	BMW CODE	Option
2 169 002	standard	2 175 114	two parallel straight line	3 064 969	LP2
2 169 003	two digit number	3 011 177	MU	3 064 970	RP1
2 171 527	U + two digit number	3 011 178	DG	3 064 971	RP2
2 171 528	A + two digit number	3 011 179	RG	3 064 972	MU
2 171 529	B + two digit number	3 011 180	LZ	3 064 973	DG
2 171 530	C + two digit number	3 011 181	SW	3 064 974	RG
2 171 531	L	3 011 954	DE	3 064 975	LZ
2 171 532	R	3 011 961	GB	3 064 976	SW
2 171 533	two digit number	3 011 968	US	3 064 977	DB
2 173 712	P1	3 011 975	ZA	3 064 978	CN
2 173 713	P2	3 011 982	HU	3 064 979	DE
2 173 714	LP1	3 011 989	MX	3 064 980	GB
2 173 715	LP2	3 064 962	L	3 064 981	US
2 173 716	RP1	3 064 963	R	3 064 982	ZA
2 173 717	RP2	3 064 964	P1	3 064 983	HU
2 173 812	P3	3 064 965	P2	3 064 984	MX
2 173 813	P4	3 064 966	P3	3 064 985	centre cross
2 174 593	centre cross	3 064 967	P4		
2 175 080	CN	3 064 968	LP1		

B2 3765 001

OMCR

KEY - PASSFEDER - CHIAVETTA





STOCK

Notes

Material: CK45

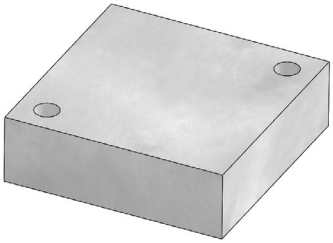
ORDER EXAMPLE	BMW CODE
	2 175 929

BMW CODE	L1	BMW CODE	L1
2 175 928	16	2 175 932	26
2 175 929	18	2 175 933	32
2 175 930	20	2 175 934	35
2 175 931	22	2 175 935	40

B2 4010 001

OMCR

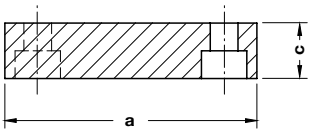
BACKING PLATE - DISTANZKAPPE - REAZIONE PER CILINDRO



Notes

Material: 90MnCrV8 - **HRC:** 50÷52

STOCK



ORDER EXAMPLE

BMW CODE
2 171 499

BMW CODE	a	c
2 171 498	40	12
2 171 499	60	15
2 171 500	70	15
2 171 501	100	20
2 175 147	110	20

B2 4068 001

OMCR

LOCATING PIN - ZENTRIERBOLZEN - CENTRAGGIO

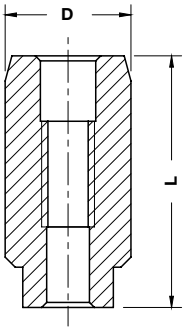


Notes

Material: 16MnCr5 - **HRC:** 58÷60

Only for replacement
Nur für Reparatur
Solo per riparazione

STOCK



ORDER EXAMPLE

BMW CODE
2 169 053

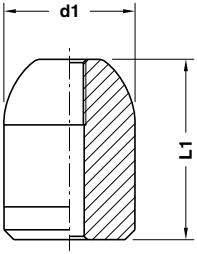
BMW CODE	D	L
0 970 435	25	50
0 970 413	32	50
0 970 412	40	50
0 970 411	50	50

B2 4068 002

OMCR

LOCATING PIN - ZENTRIERBOLZEN - CENTRAGGIO





Notes

Material: 16MnCr5 - **HRC:** 58÷60

STOCK

ORDER EXAMPLE

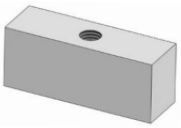
BMW CODE
2 172 411

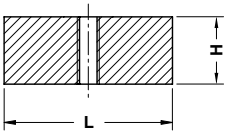
BMW CODE	d1	L1
2 172 410	22	45
2 172 411	32	50
2 172 412	40	55
2 172 413	50	55
2 173 658	56	80

B2 4069 001

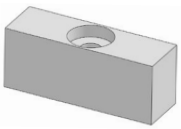
OMCR

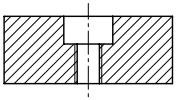
KEY - PASSFEDER - CHIAVETTA





FORM A





FORM B

Notes

Material: CK45

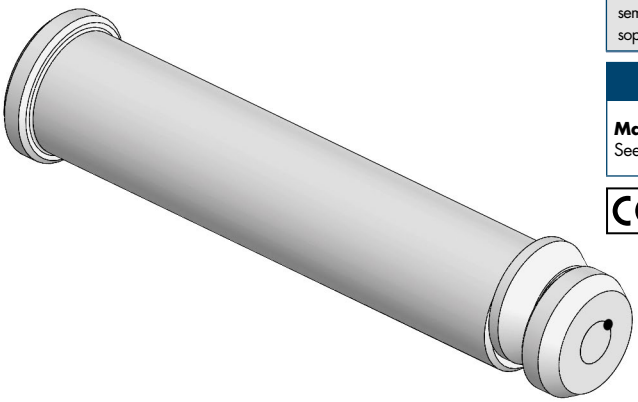
STOCK

ORDER EXAMPLE

BMW CODE	FORM
2 172 224	A

BMW CODE	H	L	FORM
2 172 053	14	80	A
2 172 224	30	80	A
2 172 808	14	50	A
2 172 809	30	120	A
2 174 226 A	20	50	A
2 174 226 B	20	50	B
2 174 227 A	20	80	A
2 174 227 B	20	80	B
2 174 835	10	50	B
2 174 836	10	80	B

LIFTING PIN - TRAGBOLZEN MIT FALLRINGSICHERUNG - PERNO DI SOLLEVAMENTO



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.

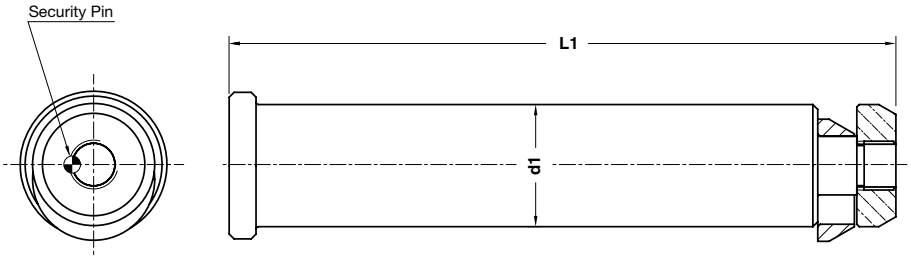
Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

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

Notes

Material:
See table - siehe Tabelle - vedi tabella

CE STOCK

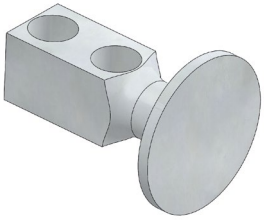


ORDER EXAMPLE

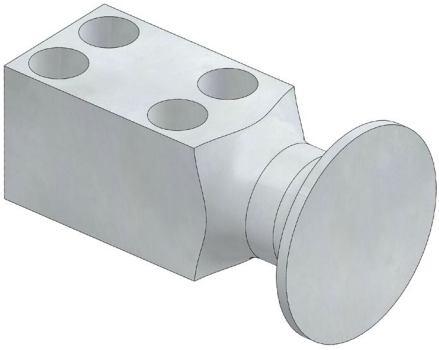
BMW CODE
2 168 396

BMW CODE	Max load (kg)	Max die weight (kg)	L1	d1	Material
2 168 395	3200	6400	175	32	CK45
2 168 396	5000	10000	225	40	CK45
2 168 397	8000	16000	273	50	CK45
2 168 398	12500	25000	347	63	CK45
2 168 399	31500	63000	422	76	42CrMo4 + QT

LIFTING BRACKET WITH ROPE STOP SAFETY
TRAGZAPFEN MIT SEILSICHERUNG
STAFFA DI SOLLEVAMENTO CON SICUREZZA FERMAFUNE



FORM A



FORM B

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 brackets.

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

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

Notes

Material: CK45 - 700÷800 N/mm²

Screws not included

CE STOCK

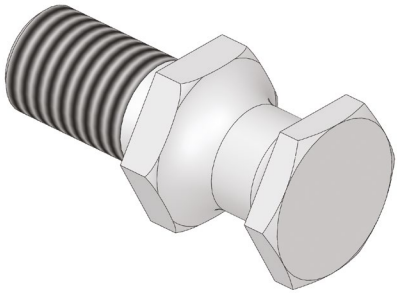
ORDER EXAMPLE

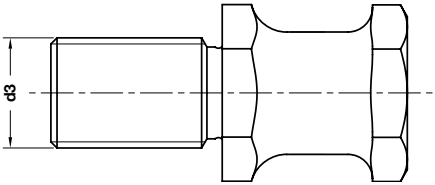
BMW CODE
3 275 834

BMW CODE	Max load (kg)	Max die weight (kg)	FORM
2 169 231	320	640	A
3 275 834	630	1260	A
3 275 835	1250	2500	A
3 275 836	2000	4000	A
3 275 838	3200	6400	A

BMW CODE	Max load (kg)	Max die weight (kg)	FORM
3 275 839	5000	10000	A
3 275 840	8000	16000	B
2 169 238	12500	25000	B
2 169 239	20000	40000	B

LIFTING PIN VDI 3366
TRAGSCHRAUBE VDI 3366
PERNO DI SOLLEVAMENTO VDI 3366





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: CK45 - 700÷800 N/mm²

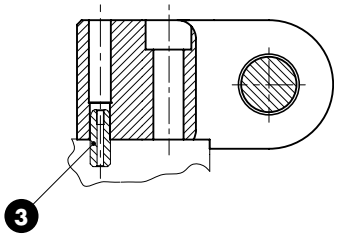
CE STOCK

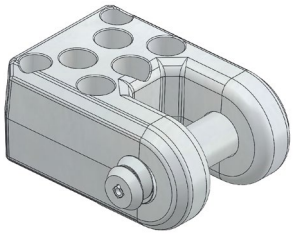
ORDER EXAMPLE

BMW CODE
2 172 289

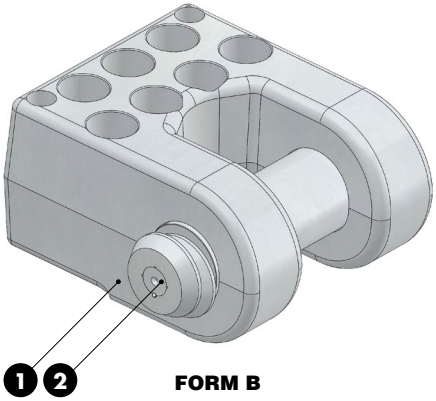
BMW CODE	Max load (kg)	Max die weight (kg)	d3
2 172 288	320	640	M16
2 172 289	500	1000	M20

LIFTING BRACKET WITH PIN AND LOCATING PINS
TRAGWANGE MIT TRAGBOLZEN UND ZENTRIERBOLZEN
STAFFA DI SOLLEVAMENTO COMPLETA DI PERNO E CENTRAGGI





FORM A



FORM B

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 brackets.

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

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

Notes

1. **Material:** St52
2. **Material:** CK45
3. B2 4068 2
   Material: 16MnCr5 - **HRC:** 58÷60

Including screws

STOCK

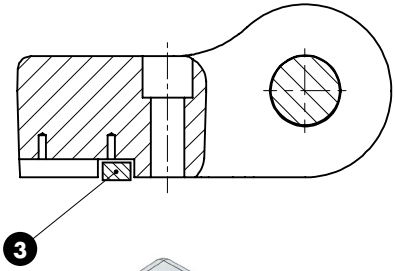
ORDER EXAMPLE

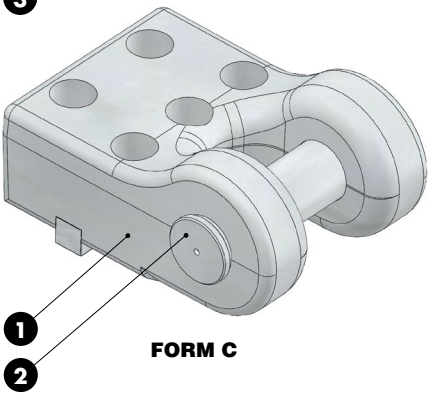
BMW CODE
2 174 861

BMW CODE	Max load (kg)	Max die weight (kg)	FORM
2 174 690	3200	6400	A
2 174 861	5000	10000	A
2 174 692	8000	16000	A

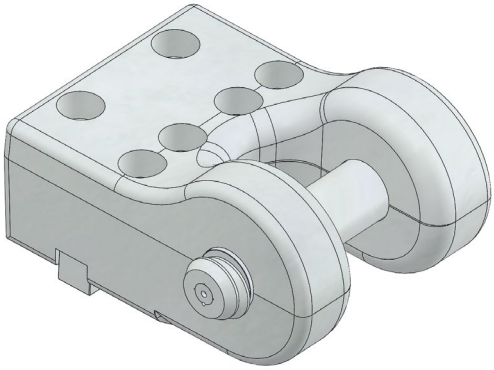
BMW CODE	Max load (kg)	Max die weight (kg)	FORM
2 175 233	12500	25000	A
2 174 694	18000	36000	B

LIFTING BRACKET WITH PIN AND KEYS
TRAGWANGE MIT TRAGBOLZEN UND PASSFEDER
STAFFA DI SOLLEVAMENTO COMPLETA DI PERNO E CHIAVETTE





FORM C



FORM D

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 brackets.

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

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

Notes

1 **Material:** St52

2 **Material:** CK45 - **FORM C**

2 **Material:** 42CrMo4 - **FORM D**

3 C14.20 - **Material:** CK45

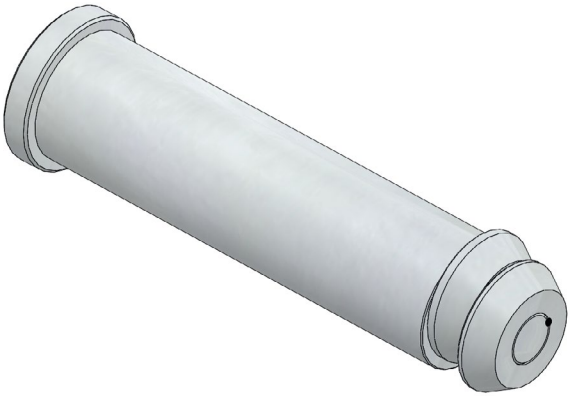
Including screws

STOCK

ORDER EXAMPLE	BMW CODE
	2 174 864

BMW CODE	Max load (kg)	Max die weight (kg)	FORM
2 174 863	25000	50000	C
2 174 864	31500	63000	D

REPLACEMENT LIFTING PIN FOR LIFTING BRACKET BMW
ERSATZTRAGBOLZEN FÜR TRAGWANGE BMW
PERNO DI RICAMBIO PER STAFFA DI SOLLEVAMENTO BMW



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

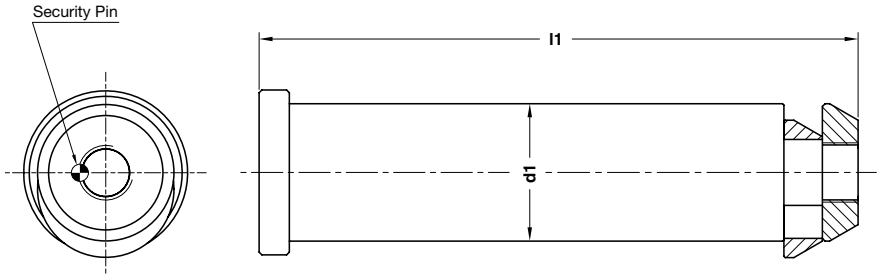
WARNING - ACHTUNG - ATTENZIONE:

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.

CE STOCK



ORDER EXAMPLE

BMW CODE
2 174 867

BMW CODE	Max load (kg)	Max die weight (kg)	l1	d1	Material
2 168 400	3200	6400	158	30	CK45
2 174 867	5000	10000	187	40	CK45
2 168 402	8000	16000	220	50	CK45
2 174 868	12500	25000	246	60	CK45
2 168 404	18000	36000	305	80	CK45
2 174 865	25000	50000	360	80	CK45
2 174 866	31500	63000	405	80	42CrMo4 + QT

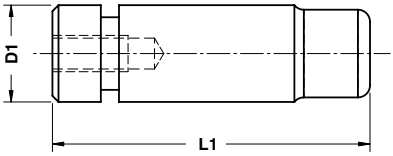
PAD RETAINER PIN - STECKBOLZEN - PERNO DI ARRESTO

Notes

Material: 42CrMo4
800÷1000 N/mm²

STOCK



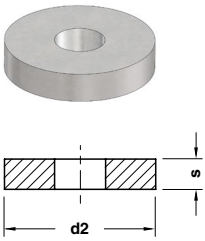


ORDER EXAMPLE

BMW CODE
2 173 660

BMW CODE	D1	L1	BMW CODE	D1	L1
2 173 659	32	111	2 173 663	32	128
2 173 660	40	145	2 173 664	40	165
2 173 661	50	171	2 173 665	50	196
2 173 662	63	206	2 173 666	63	241

WASHER - SCHEIBE - RONDELLA



Notes

Material: CK45 - **HRC:** 45÷50

STOCK

ORDER EXAMPLE

BMW CODE
0 281 619

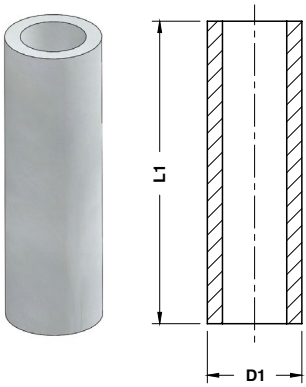
BMW CODE	d2	s
0 281 618	56	10
0 281 619	42	8
0 281 620	35	6
2 171 891	68	10

SPACER TUBE - DISTANZBUCHSE - TUBO DISTANZIALE

Notes

Material: St37 - **HRC:** 56÷60

10



ORDER EXAMPLE

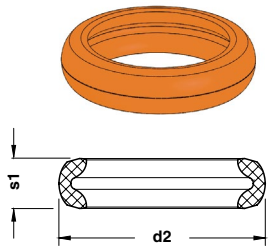
BMW CODE
2 171 895

BMW CODE	D1	L1	BMW CODE	D1	L1	BMW CODE	D1	L1	BMW CODE	D1	L1
2 168 799	13	50	**2 168 808**	20	50	**2 171 895**	25	150	**3 038 921**	42	80
2 168 800	13	63	**2 168 809**	20	63	**2 168 819**	25	200	**3 038 922**	42	100
3 380 926	13	100	**3 021 666**	20	80	**2 173 794**	25	< 200	**3 038 923**	42	125
2 174 881	13	< 100	**2 168 811**	20	100	**2 171 896**	25	> 200	**3 038 924**	42	150
2 171 892	13	> 100	**2 168 812**	20	125	**3 038 912**	36	50	**3 038 925**	42	200
2 168 802	16	50	**2 168 813**	20	200	**3 038 913**	36	63	**3 038 927**	42	< 200
2 168 803	16	63	**2 173 793**	20	< 200	**3 038 914**	36	80	**3 038 926**	42	> 200
2 168 804	16	80	**2 171 894**	20	> 200	**3 038 915**	36	100	**3 038 928**	55	150
3 021 663	16	100	**2 168 814**	25	50	**3 038 916**	36	125	**3 038 929**	55	200
0 266 957	16	125	**2 168 815**	25	63	**3 038 917**	36	150	**3 038 931**	55	< 200
2 168 807	16	200	**2 168 816**	25	80	**3 038 918**	36	200	**3 038 930**	55	> 200
2 173 792	16	< 200	**2 168 817**	25	100	**3 038 920**	36	< 200			
2 171 893	16	> 200	**2 168 818**	25	125	**3 038 919**	36	> 200			

B2 6202 005

OMCR

BUFFER - STOSSDÄMPFER - AMMORTIZZATORE



STOCK

Notes
Material: CO-Polyester Elastomer

ORDER EXAMPLE

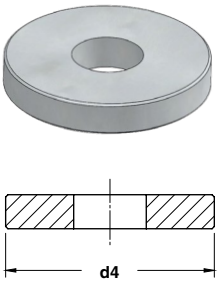
BMW CODE
2 173 881

BMW CODE	d2	s1	Shore	Max load (N)
2 173 880	26,2	7,7	55	5500
2 173 881	32,1	10,8	72	9000
2 173 882	46,3	17,7	72	20000
2 173 883	54,6	21,6	55	30000
2 173 884	61,8	21,5	55	46000
2 173 885	78,2	30	55	75000
3 039 562	99,5	33,2	55	97000

B2 6202 006

OMCR

WASHER - SCHEIBE - RONDELLA



STOCK

Notes
Material: CK45

ORDER EXAMPLE

BMW CODE
2 175 382

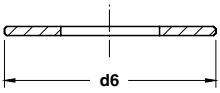
BMW CODE	d4
2 175 381	30
2 175 382	35
2 175 383	50
2 175 384	65
2 175 385	70
2 175 386	90

B2 6202 006

OMCR

WASHER - SCHEIBE - RONDELLA





STOCK

Notes

Material: 90MnCrV8 - **HRC:** 56

ORDER EXAMPLE

BMW CODE
2 175 388

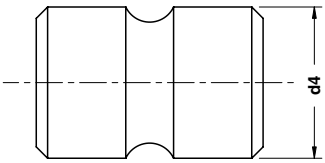
BMW CODE	d6
2 175 387	30
2 175 388	35
2 175 389	50
2 175 390	65
2 175 391	70
2 175 392	90

B2 6204 012

OMCR

SHOCK ABSORBER - HALTEELEMENT - AMMORTIZZATORE





Notes

Material: CO-Polyester Elastomer

STOCK

ORDER EXAMPLE

BMW CODE
2 173 698

BMW CODE	d4
2 173 697	40
2 173 698	50
2 173 699	63
2 173 700	80

