

Special parts for rail vehicles

Ferdinand Gross GmbH & Co. KG
www.schrauben-gross.de

Available from stock

Status 02/23

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Self-locking nut with metallic clamping element

ISO 7042 FS
Rail standard 205107-1

8
zinc plated and yellow passivated



Manufacturer: Flaig & Hommel

Further versions on request:
Steel: Grade 10
Stainless steel: A2/A4
Surface: zinc plated
Versions: fine thread

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	0581004645	143082	M 6	1000	
●	0581006245	143083	M 8	1000	
●	0581007545	143054	M 10	1000	
●	0581008845	143057	M 12	1000	
●	16008866 *		M 14	400	
●	0581010145	143062	M 16	500	DIN EN 10204 - 3.1
●	0583011004 *	1153952	M 18	100	DIN EN 10204 - 3.1
●	0581012745	143068	M 20	200	DIN EN 10204 - 3.1
●	0581014345	143072	M 24	200	DIN EN 10204 - 3.1
●	0581016945	143076	M 30	100	DIN EN 10204 - 3.1
●	1966026645	143079	M 36	50	DIN EN 10204 - 3.1

● stock goods

*DIN 980 FS

Self-locking nut with metallic clamping element

ISO 7042 FS
Rail standard 205107-1

8
Geomet 500 B



Manufacturer: Flaig & Hommel

Further versions on request:
Steel: Grade 10
Surface: Geomet 321
Versions: fine thread

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	00430748	1171433	M 10	500	
●	16000709	1171431	M 12	500	
●	00430715 *	807172	M 16	100	DIN EN 10204 - 3.1
●	16001002	902905	M 20	100	DIN EN 10204 - 3.1
●	19662251	775100	M 36	50	DIN EN 10204 - 3.1

● stock goods

*Geomet 500 A

Self-locking nut with polyamide clamping element

ISO 7040 brown ring
Rail standard 205107-3

8
zinc plated



Manufacturer: Flaig & Hommel

Further versions on request:
Steel: Grade 10
Stainless steel: A2/A4
Versions: fine thread
Low type acc. to DIN 985

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	0580004301	142990	M 6	2000	
●	0580006901	142991	M 8	2000	
●	0580007201	142992	M 10	1000	
●	0580008501	142993	M 12	1000	
●	00430666		M 14	100	
●	0580010801	933735	M 16	500	DIN EN 10204 - 3.1
●	00430455	1150277	M 18	100	DIN EN 10204 - 3.1
●	0580012401	142995	M 20	200	DIN EN 10204 - 3.1
●	0580014001	142996	M 24	100	DIN EN 10204 - 3.1
●	16041313	977699	M 30	50	DIN EN 10204 - 3.1
●	00430713	1173175	M 36	10	DIN EN 10204 - 3.1

● stock goods

Self-locking nut with polyamide clamping element

ISO 7040 brown ring
Rail standard 205107-3

8
Geomet 500 A



Manufacturer: Flaig & Hommel

Further versions on request:
Steel: Grade 10
Surface: Geomet 321
Versions: fine thread
Low type acc. to DIN 985

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	16042606 *		M 10	100	
●	00430762	1158898	M 12	250	
●	00430601	899779	M 16	200	DIN EN 10204 - 3.1
●	18360729	899768	M 20	200	DIN EN 10204 - 3.1

● stock goods

*Geomet 321 A

Vargal self-locking nut

Rail standard 205107-5

8
gal.Zn12blueCr3-240h



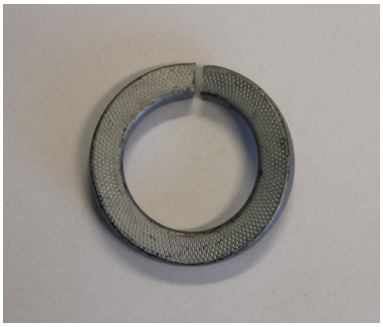
Further versions on request:
Steel: Grade 10
Stainless steel: A2
Versions: Low type
fine thread

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	68058751	143050	M 6	100	
●	1746813043	143052	M 8	1000	
●	1746870343	143055	M 10	700	
●	1746872943	143058	M 12	400	
●	1746812743	143064	M 16	200	DIN EN 10204 - 3.1
●	1746783043	143069	M 20	100	DIN EN 10204 - 3.1
●	1746873243	143073	M 24	50	DIN EN 10204 - 3.1
●	1966057043	143080	M 36	10	DIN EN 10204 - 3.1

● stock goods

Locking rings VSK/SKR



Rail standard 208012-6

ST
Geomet 321 A - 480h

Further versions on request:
Surface:
zinc plated and yellow chromated
blank

Installation site: general rail vehicles

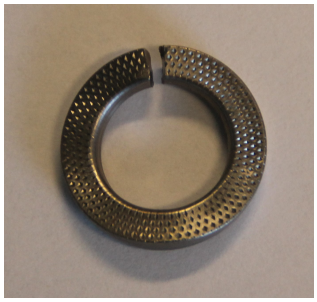
	FG-Article No.	DB-Article No.	Dimension	PU
●	0828010742	140349	4	1000
●	0828011042	140350	5	1000
●	0828012342	140351	6	1000
●	0828014942	140352	8	1000
●	0828016542	140353	10	500
●	0828017842	140354	12	500
●	0828018142	140355	14	250
●	0828019442	140356	16	200
●	0828020442	140357	18	100
●	0828021742	140358	20	100
●	0828022042	140359	22	100
●	0828023342	140360	24	50
●	0828024642	140361	27	50
●	0828025942	140362	30	25

● stock goods

Locking rings VSKD/SKR

Rail standard 208012-6

1.4310



Further versions on request:
SKS (narrow)
SKB (wide)
SKZ (for cheese-head screws)

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	11510107	140341	4	1000
●	11510110	140342	5	1000
●	11510123	140343	6	1000
●	11510149	140344	8	1000
●	11510165	140345	10	500
●	11510178	140346	12	500
●	11510194	140347	16	200
●	11510217	140348	20	100

● stock goods

Locking washers SKM/SKSM

Rail standard 208010-8

ST
Geomet 500-A/Geomet 321-A



Further versions on request:
SKS (narrow)
SKB (wide)
SKZ (for cheese-head screws)

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	0833005742		4	1000
●	0833006042		5	1000
●	0833007342		6	1000
●	0833009942		8	1000
●	0833010942		10	500
●	0833011242		12	500
●	0833012542	866744	14	250
●	0833013842	521620	16	200
●	0833015442	521623	20	50
●	0833017042	521624	24	25

● stock goods

Locking washers SKM/SKSM

Rail standard 208010-8

A4

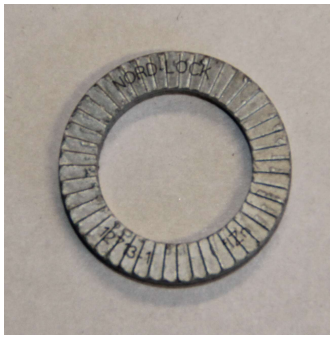


Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	16041070		4	1000
●	16041071	945256	5	1000
●	16041072		6	1000
●	16003742	925927	8	3000
●	16041074		10	500
●	16041075		12	500

● stock goods

Nord-Lock safety washers Type DNL



ST
D-Prot.KL100 VH302GZ

Manufacturer: Nord-Lock

More materials and versions on request.

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	0850002344		3	200
●	0850003644		3.5	200
●	0850004944		4	200
●	0850005244		5	200
●	0850006544	1215526	6	200
●	0850007844		8	200
●	0850008144	1100590	10	200
●	0850009444		11	200
●	0850010444	1100631	12	200
●	0850011744		14	100
●	0850012044	937432	16	100
●	0850013344		18	100
●	0850014644	810508	20	100
●	0850015944	810508	22	100
●	0850016244	951362	24	100
●	0850017544		27	50
●	0850018844	951361	30	50
●	0850019144		33	25
●	0850020144		36	25
●	0850021444		39	25
●	0850022744		42	25

● stock goods

Nord-Lock safety washers Type NL SS



A4

Manufacturer: Nord-Lock

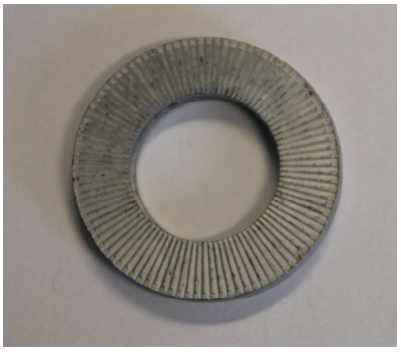
More materials and versions on request.

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	11820020		3	200
●	11820033		3.5	200
●	11820046		4	200
●	11820059		5	200
●	11820062		6	200
●	11820075		8	200
●	11820088		10	200
●	11820091		11	200
●	11820101		12	200
●	11820114		14	100
●	11820127		16	100
●	11820130		18	500
●	11820143		20	100
●	11820156		22	50
●	11820169	833077	24	100
●	11820172		27	50
●	11820185		30	50
●	11820198		33	50
●	11820208		36	25
●	11820211		39	25
●	11820224		42	25

● stock goods

Nord-Lock safety washers Type DNL SP



ST
D-Prot.KL100 VH302GZ

Manufacturer: Nord-Lock

More materials and versions on request.

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	0859004644		4	200
●	0859005944		5	200
●	0859006244		6	200
●	0859007544		8	200
●	0859008844		10	200
●	0859009144		12	100
●	0859010144		14	100
●	0859011444	926738	16	100
●	0859012744		18	100
●	0859013044		20	100
●	0859014344		22	100
●	0859015644	796038	24	100
●	0859017244		30	10
●	0859018544		33	10
●	0859019844	1152010	36	25

- stock goods

Nord-Lock safety washers Type NL SP SS



A4

Manufacturer: Nord-Lock

More materials and versions on request.

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	11830036		3.5	200
●	11830049		4	200
●	11830052		5	200
●	11830065		6	200
●	11830078	957505	8	200
●	11830081	1120770	10	200
●	11830094		12	100
●	11830104		14	100
●	11830117		16	100
●	11830120		18	100
●	11830133		20	100
●	11830146		22	100
●	11830159		24	50
●	11830162		27	50
●	11830175		30	10

● stock goods

Blanking plug with seal ring

DIN 5586 B

ST
zinc plated and yellow chromated



Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
•	00030279	144328	G 1/4"	200
•	16042501	245375	G 3/8"	200
•	1744661504	245374	G 1/2"	100
•	1744662804	245367	G 3/4"	50
•	1744663104	245369	G 1"	25
•	16042499	278546	G 1.1/2"	25
•	1744664404	245371	G 2"	5

- stock goods

Screw clamp with 2 nibs

DIN 25193

4.6



Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	1668014201		M 12x60	50
	17456320	145223	M 12x70	upon request
●	17456333	936075	M 12x80	100
●	17456346	145225	M 12x90	100
●	17456359	145226	M 12x100	100
●	17456362	145227	M 12x110	100
●	17456375	145228	M 12x120	100

- stock goods

T-head bolts for rail vehicles

DIN 25192 B

8.8



Installation site: freight wagons

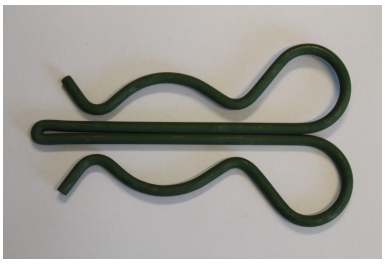
	FG-Article No.	DB-Article No.	Dimension	PU	Test certificate
●	00711117 *		M 12x50	25	
●	16680126		M 24x75	25	DIN EN 10204 - 3.1
●	16680139		M 24x80	25	DIN EN 10204 - 3.1
	17457125	1153978	M 24x90	upon request	DIN EN 10204 - 3.1
●	17456702	145233	M 16x120	100	DIN EN 10204 - 3.1

● stock goods

*zinc plated

Double spring cotter pin acc. to drawing Stw506.94.002"J"

Type C DIN 17223



Installation site: general rail vehicles / bolts

	FG-Article No.	DB-Article No.	Dimension	PU
●	18631206	248850	size 1 D=1.4 green	500
●	18631207	248852	size 2 D=1,8 silver	500
●	18631208	248858	size 3 D=2,25 dark blue	500
●	18631210	248859	size 4 D=2,8 light blue	500
●	18631211	248867	size 5 D=3,0 silver	500
●	18631212	248878	size 6 D=3,5 green	250
●	18631213	255071	size 7 D=4,0 light blue	250
●	18631214	248882	size 8 D=4,25 dark blue	100
●	18631215	255072	size 9 D=4,5 green	100

● stock goods

Spring bolts acc. to drawing
Stw505.81.048
Edition 06 Pos. 1



E360 (St70-2)

Installation site: freight car bogie

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0945783	141524	35x260 normalized	250	test category 1 / DIN EN 10204 - 3.1

- stock goods

Locking tappet acc. to drawing Fwg750.02.027.03 "G" MSP C for spring bolts dia. 35



S235JR (1.0038) EN10025-2

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0948573	101055	62x40x21	100	DIN EN 10204 - 3.1

- stock goods

Locking tappet acc. to drawing Fwg750.02.027.03 "G" MSP A for spring bolts dia. 40



S235JR (1.0038) EN10025-2

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0953827	827176	67x45x25	50	DIN EN 10204 - 3.1

- stock goods

Bolts with head and split pin hole

DIN 5526 B

C45N



Further dimensions on request.

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	17456294	141076	12 c11x90x85 - H	200

- stock goods

Bolts with threaded ends acc. to drawing
Stw505.71.028 "F" Pos. 2



C45+N
surface induction hardened

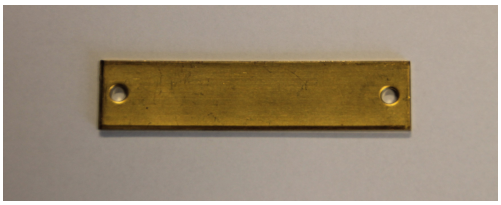
More bolts with threaded ends on request.

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0956565	258699	M16 / 24 c11x115x82	25	DIN EN 10204 - 3.1

- stock goods

Identification plate for freight wagons acc. to drawing
4Fwg000.0.10.030.073 "C"
unprinted



CuZn39Pb2-R420

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	S0687601	101414	80x18x2	100

- stock goods

Wheel set tape acc. to drawing
45.005.00 "A"
unstamped



Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU	Material
●	18603694	957526	52x40/17 t=2	200	ST zinc plated
●	S0625841		52x40/17 t=2	500	1.4301

- stock goods

Wheel set identification plate acc. to drawing
4Fwg000.0.02.001.035 "D" Pos.1
DB stamped



1.4301

Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
●	18602061	950791	dia. 18/70x40	200

- stock goods

Wheel set identification plate acc. to drawing
4Fwg000.0.02.001.035 "D" Pos.2
DB stamped



1.4301

Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
●	18602538	950792	dia. 22/70x40	100

- stock goods

Wheel set identification plate acc. to drawing
4Fwg000.0.02.001.035 "D" Pos.3
DB stamped



1.4301

Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
	18603870	956126	dia. 26/70x40	upon request

O-Rings



NBR 70

Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
●	18632382	151336	237x3.15	100

- stock goods

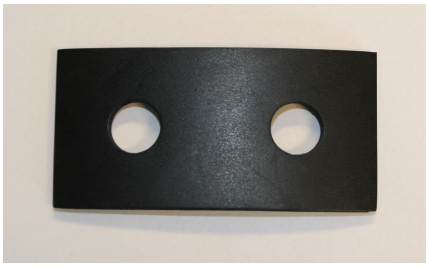
Interlayers acc. to drawing
Stw550.06.002 "F"

Elastomer 60 +/- 5 Shore A

Installation site: freight wagons

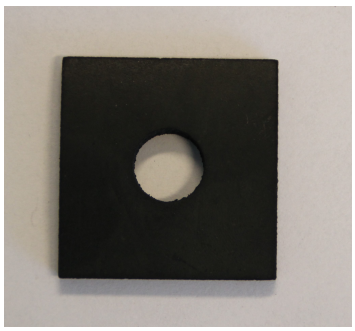
	FG-Article No.	DB-Article No.	Dimension	PU
●	S0931153	150465	40x4x80	300

- stock goods

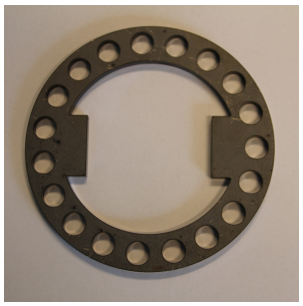


	FG-Article No.	DB-Article No.	Dimension	PU
●	S0931166	150466	40x4x40	400

- stock goods



Locking washers acc. to drawing
Fwg850.02.001.022



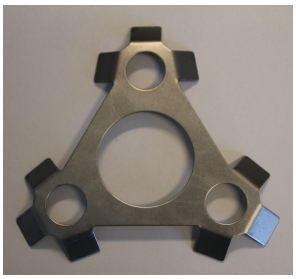
S235JRC
with 19 bores à 11 mm

Installation site: freight wagons / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
●	18605261	100866	84x120x5	100

- stock goods

Locking plate acc. to drawing 4Fwg665.0.02.001.030 Pos.2



BI 1.5 DIN EN 10130 Fe

Installation site: freight wagons / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU
●	18605812	1137398	95x150x35x50 t=1.5	100

- stock goods

Clamp plate acc. to drawing Fw0811.21.065.01.02 "6"



Steel

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	18617595	326790	50x36x6x15 /R6	200

- stock goods

Clamp plate acc. to drawing
Fwg601.21.065.01
Current No. 3



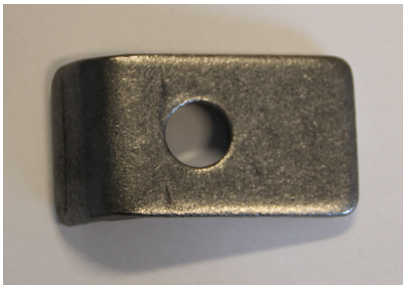
Steel

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	18633090	207289	50x35x22x6 /R6	100

- stock goods

Clamp plate acc. to drawing
Fwg601.21.065.01
Current No. 1



Steel

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	18618756		50x35x12x6 /R2.5	100

- stock goods

Slotted nut acc. to drawing
4Fwg850.02.001.21 *L*
Edition 12



S355J2

Installation site: freight wagons / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0926197	100865	M 90x4	1	DIN EN 10204 - 3.1

- stock goods

Dubo-screw lock for hexagon screws



PA
black, UV resistance

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU
●	16076533		M 6	500
●	16076534		M 16	500
●	16076535		M 12	500
●	16076536		M 10	500

- stock goods

Concave discs shape A

Rail standard 208001-1

CuZn37 nickel-plated



Installation site: passenger carriages

	FG-Article No.	DB-Article No.	Dimension	PU
●	1745418610	149888	Size 4	500
●	16041925	149889	Size 5	200
●	1745420910	149890	Size 6	500

- stock goods

Protection Washers shape B

Rail standard 208001-2

CuZn37 nickel-plated



Installation site: passenger carriages

	FG-Article No.	DB-Article No.	Dimension	PU
●	1940161910	149882	Size 3	5000
●	1940163510	149883	Size 3,5	5000
●	1940162210	149884	Size 4	5000
●	1745656610	149885	Size 5	1000
●	1745655310	149881	Size 6	1000

- stock goods

Expansion screw acc. to drawing
Stw510.55.022 *A*



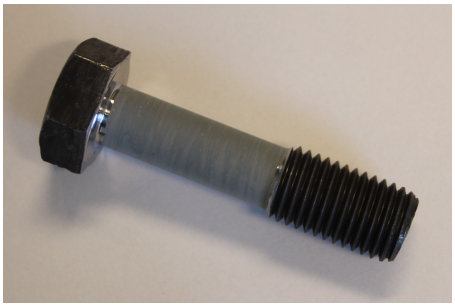
8.8
with primer coat

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18611232	143682	M 20x60	50	DIN EN 10204 - 3.1

- stock goods

Expansion screw acc. to drawing
Stw510.55.022 *A*



8.8
with primer coat

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18611245	143694	M 20x80	50	DIN EN 10204 - 3.1

- stock goods

Expansion screw acc. to drawing
4Fwp930.04.018.045 *01*



8.8
with primer coat

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18633509	832480	M 20x100	50	DIN EN 10204 - 3.1

- stock goods

Screw acc. to drawing
Stw510.55.019 *E*



8.8
zinc dust paint grey

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
	S0654249	105248	M 20x150	25	DIN EN 10204 - 3.1

Available on request

Expansion screw acc. to drawing
Fwp930.04.018.41 *H*



42CrMo4
with primer coat

Installation site: general rail vehicles

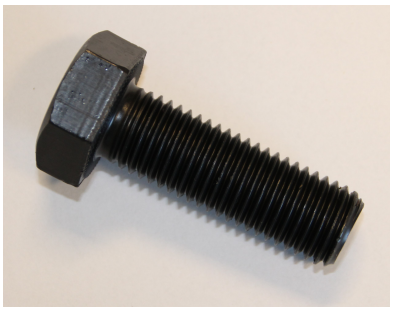
	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18610301	171423	M 24x1.5x163	25	DIN EN 10204 - 3.1

- stock goods

Hexagon screw ribbed acc. to drawing
DBS205031-02/143709 Stat.1

Rail standard 205031-2

KL 100



Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18608656	143709	M 20x60	50	DIN EN 10204 - 3.1

- stock goods

Hexagon screw ribbed

Rail standard 205031-1

FK 100



Further dimensions and with zinc scale surface on stock.

Installation site: general rail vehicles / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	03191055	143705	M 16x60	50	DIN EN 10204 - 3.1

- stock goods

Hexagon screw acc. to drawing
Stw510.06.005 *H*
Current No. 9



8.8

Installation site: general rail vehicles / wheel set

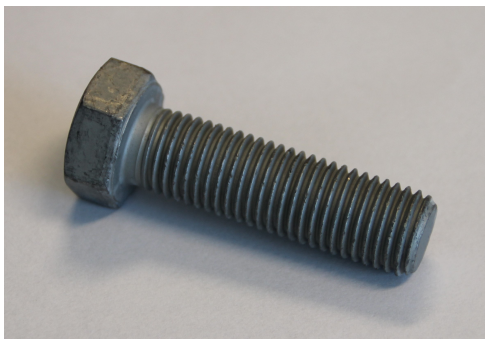
	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18610550	143317	M 20x65	50	DIN EN 10204 - 3.1

- stock goods

Hexagon screw with zinc scale surface

ISO 4017 / DIN 933

8.8
Geomet 321 A + VL



Further strength classes, standards and dimensions on request.
Partly from stock.

Installation site: general rail vehicles

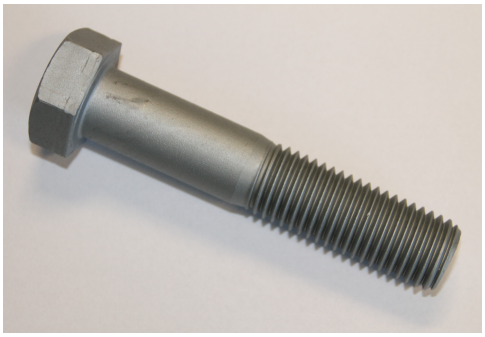
	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	00557621	1157697	M 16x40	50	DIN EN 10204 - 3.1
●	16042391	1123078	M 16x55	50	DIN EN 10204 - 3.1
●	00559414	1177038	M 20x70	100	DIN EN 10204 - 3.1

- stock goods

Hexagon screw with zinc scale surface

ISO 4014 / DIN 931

8.8
Geomet 321 A + VL



Further strength classes, standards and dimensions on request.
Partly from stock.

Installation site: general rail vehicles

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	00557211	1157733	M 16x70		DIN EN 10204 - 3.1
●	00557105	1151382	M 16x100		DIN EN 10204 - 3.1
●	1709588847	1150201	M 16x110		DIN EN 10204 - 3.1
●	00555609	1150108	M 16x120		DIN EN 10204 - 3.1
●	16041964	1123079	M 20x100		DIN EN 10204 - 3.1
●	00556056	1142728	M 20x90		DIN EN 10204 - 3.1
●	00555614	1150196	M 20x100		DIN EN 10204 - 3.1
●	00554859	1157681	M 20x120		DIN EN 10204 - 3.1
●	00558309	1156287	M 20x140		DIN EN 10204 - 3.1
●	00558310	1156351	M 20x180		DIN EN 10204 - 3.1

● stock goods

Hexagon trunnion screw acc. to drawing FG DB00940374

42CrMo4 TQ+T

zinc plated and yellow chromated

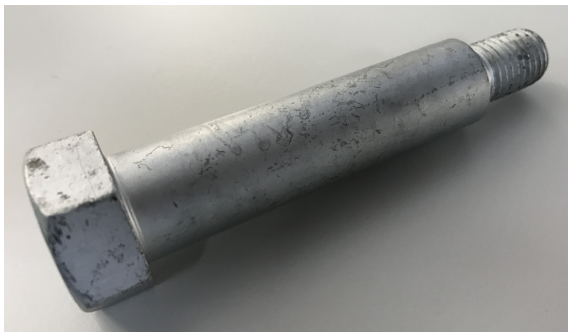


Installation site: brake caliper of electric locomotive

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0946038	940374	M 30x2x50	25	DIN EN 10204 - 3.1

- stock goods

Threaded bolt for brake caliper acc. to drawing FG DB00726606 Rev.1



C45 QT

zinc scale 480h

Further versions on request.

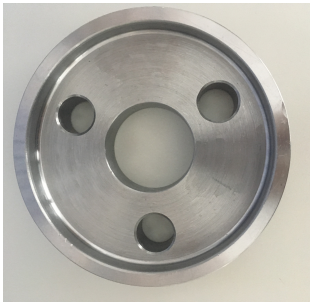
Installation site: brake caliper

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0940694	726606	M16/ dia. 22x83/108	24	DIN EN 10204 - 3.1

- stock goods

Push cap acc. to drawing
3Fwg665.0.02.001.025 *J*
Edition 10

EN 10025 - E295 St50-2



Installation site: freight wagons / wheel set

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0963192	100867	148x131.5+0.5x23+1	25	DIN EN 10204 - 3.1

- stock goods

Press-in socket

Rail standard 206104

C60
slitted



Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	00021413	516846	25x33x12	200

- stock goods

Stopper acc. to drawing
4Fwg106.0.04.082.031 *A*
MSP A Edition 02



C45
surface induction hardened

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	18681332	981156	M 20x117	10	DIN EN 10204 - 3.1

- stock goods

Pin acc. to drawing
3Fwg696.0.04.018.001
Pos. 1



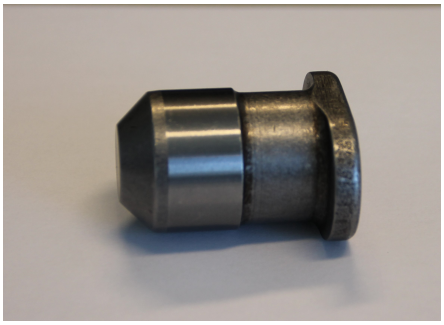
18CD4
hardened, blank

Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0979733	105888	32 s7x51	50	DIN EN 10204 - 3.1

- stock goods

Pin acc. to drawing
3Fwg696.0.04.018.001
Pos. 2



18CD4
hardened, blank

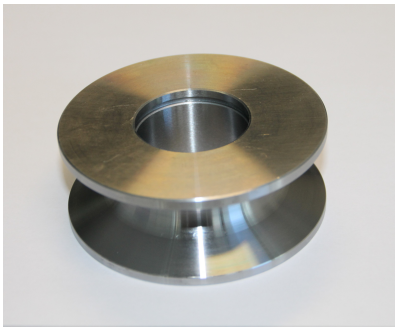
Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU	Test certificates
●	S0979746	105887	32 s7x45	50	DIN EN 10204 - 3.1

- stock goods

Caster acc. to drawing
4Fwg302.0.21.025.051
Edition 4 Index C

C35
blank



Installation site: freight wagons

	FG-Article No.	DB-Article No.	Dimension	PU
●	S0984139	206763	35x85x25.2	25

- stock goods