



Bolts for rail vehicles

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

Available from stock



Table of Contents

Bolts according to standard.....	1-3
Bolts acc. to drawing.....	4-39
Guide bolts + socket acc. to drawing	39
Bolts with threaded ends acc. to drawing.....	40-44
Spring bolts acc. to drawing.....	44
Fixing bolts acc. to drawing	45
Coupling bolts acc. to drawing.....	45
Coupling bolts circle acc. to drawing	45
Round part bolts acc. to drawing	46
Adjusting ring acc. to drawing	46
Control bolts acc. to drawing.....	46
Bolts acc. to drawing.....	47

Bolts according to standard



Illustration as an example

FG- Article	DB- Article	Standard	Material	Shape	Dimension	PU
S0938075*	140993	DIN 1433	9S20K		8 h11x40	500
S0937720	141030	DIN 5526	C45N	B	B 8 c11x25x22	50
00083632	141032	DIN 5526	C45N	B	B 8 c11x35	600
16046347	141040	DIN 5526	C45N	B	B 10 c11x27x35	250
16049652	141041	DIN 5526	C45N	B	B 10 a11x30x26	500
16046311	141043	DIN 5526	C45N	A	A 10 A11x30	25
S0937746	141046	DIN 5526	C45N	A	A 10 a11x40	25
S0937775	141065	DIN 5526	C45N	B	B 16 c11x90x80	50
00083600	141066	DIN 5526	C45N	B	B 16 c11x105	50
17456294**	141076	DIN 5526	C45N	B	B 12 c11x90x85 H	100
S0964793	141103	DIN 5526	C45N	B	B 20 c11x60x50	50
S0937830	141111	DIN 5526	C45N	B	B 20 s6x55x46	50
00083599	141116	DIN 5526	C45N	B	B 22 c11x65x55 H	10
S0937843	141129	DIN 5526	C45N	B	B 24 c11x80x70	25
S0938538	141138	DIN 5526	C45N	B	B 24 c11x65x55 H	50
S0938619	141150	DIN 5526	C45N	B	B 24 c11x90x80 H	25
S0938622	141159	DIN 5526	C45N	B	B 24 c11x110x98 H	25
S0938648	141160	DIN 5526	C45N	B	B 24 c11x100x90 H	30
S0938677	141177	DIN 5526	C45N	B	B 30 c11x65x54 H	25
S0938680	141179	DIN 5526	C45N	B	B 24 c11x75x65 H	30
S0938703	141196	DIN 5526	C45N	A	A 30 c11x90 H	15
S0938716	141199	DIN 5526	C45N	B	B 50 c11x150x136 H	1
16047030	141206	DIN 5526	C45N	B	B 36 c11x100x85 H	10
S0938758	141209	DIN 5526	C45N	B	B 36 c11x110x99 H	10
00083598	141232	DIN 5526	C45N	A	A 50 a11x170 H	1
S0938800	141233	DIN 5526	C45N	B	B 50 c11x120x105 H	10
S0938813	141234	DIN 5526	C45N	B	B 50 c11x140x121 H	10
00083597	141368	DIN 5526	C45N	B	B 24 c11x160x145 H	5
S0938923	141369	DIN 5526	C45N	B	B 24 c11x220 H	10
S0938949	141370	DIN 5526	C45N	A	A 30 c11x50 H	25
S0938952	141374	DIN 5526	C45N	B	B 30 c11x260x246 H	1
16047029	254498	DIN 5526	C45N	B	B 30 c11x100x85 H	10
00083596	254500	DIN 5526	C45N	B	B 50 c11x110x92 H	1
S0938981	256029	DIN 5526	C45N	B	B 40 c11x240 H	10
S0964858	258748	DIN 5526	C45N	B	B 33 a11x270x255 H	10

* Surface: A2P

** DIN EN 10204 - 3.1

Continued from previous page

Bolts according to standard



Illustration as an example

FG-Article	DB-Article	Standard	Material	Shape	Dimension	PU
S0939045	262811	DIN 5526	C45N	B	B 36 c11x110x96 H	10
S0964829	262869	DIN 5526	C45N	B	B 50 c11x120x98 H	1
S0939058	262874	DIN 5526	C45N	B	B 24 c11x85x74 H	30
00083627	262962	DIN 5526	C45N	B	B 36 c11x140x128 H	10
00083628	262966	DIN 5526	C45N	B	B 40 c11x110x98 H	25
S0964816	262967	DIN 5526	C45N	B	B 40 c11x140x128 H	25
S0964845	284916	DIN 1436	C45		12 h11x60x53	100
S0937555	285008	DIN EN 22341	ST	B	B 20 h11x125x117	25
S0937461	285019	DIN EN 22341 AE	ST	B	B 25 h11x55x45	10
00083631	285168	DIN 5526	C45N		29.5 c11x130	5
00083629	285214	DIN 5526	C45N	A	A 39.5 h11x160	10
00083630	285223	DIN 5526	C45N		44,5 h11x120 H	10
00083695	285249	DIN 5526	C45N	A	A 54.5 h1x170 H	1
00083610	364211	DIN 5526	C45N	A	A 22.5 h11x65 H	30
S0937607	489175	DIN EN 22341	9SMnPb 28K	B	B 22 a11x85x76	25
S0964641	502667	DIN 5526	C45N	B	B 24 c11x80x70 H	30
S0938088	504322	DIN 1433	X20Cr		10 h11x85x73	50
S0939087	546373	DIN 5526	C45N	B	B 20 c11x65x56 H	20
S0939090	546374	DIN 5526	C45N	B	B 20 c11x55x46 H	20
S0937490**	564646	DIN EN 22341 AE	34CrNiMo	B	B 33 c11x120	25
19560890	579384	DIN 5526	C45N	B	B 36 c11x85x74 H	15
00082967	579385	DIN 5526	C45N	B	B 36 c11x110x95 H	1
S0937704	624396	DIN 5526	C45N	B	B 16 a11x120x111 H	25
00021573	645822	DIN 5526	C45N	B	B 20 C11x70x61 H	20
S0937500	659266	DIN 5526	C45N	B	B 20 a11x100x91 H	50
S0937513	662560	DIN 5526	C45N	B	B 24 c11x140x122 H	20
00083602	663160	DIN 5526	C45N	B	B 20 a11x40x34 H	100
00082364	672311	DIN 5526	C45N	B	B 40 c11x110x98 H	1
S0507338	687380	DIN EN 22341	A2-70	B	B 6 c11x16	50
S0937542	690860	DIN 5526	C45N	B	B 36 c11x160x145 H	1
S0963367	728158	DIN EN 22341	S235JRG2	B	B 14x42 but head Ø 25 mm	20
00083603	728856	DIN 5526	C45N	B	B 24 a11x110x102 H	20

** DIN EN 10204 - 3.1

Continued from previous page

Bolts according to standard



Illustration as an example

FG- Article	DB- Article	Standard	Material	Shape	Dimension	PU
00083604*	795290	DIN 5526	C45N	A	A 24 a11x270 H	10
00081609	796316	DIN 5526	C45N	B	B 24 a11x60 H	50
00083605**	822856	ISO 2341	ST	B	B 18x75x67.5	10
S0937364	823807	DIN EN 22341	A2	B	B 10x45x41	300
00082811	825429	DIN 5526	C45N	B	B 20 c11x115x106.4 H	30
00083611	831477	DIN 1445	X20Cr13v		12 h11x13x30	50
00083606	846620	DIN 5526	C45N	B	B 30 30 a11x85x71 H	25
00083607	873897	DIN 5526	X46Cr	B	B 12 c11x90x84 H	25
S0938143	943082	DIN 5526	C45N	A	A 16 c11x58 H	100
S0937636	995143	DIN 5526	C45N	B	B 40 c11x95x84 H	1
S0937856	995627	DIN 5526	C45N	B	B 36 c11x105x94 H	10
00083608	1123301	DIN 5526	C45N	B	B 12 c11x100x94	30
S0930633	1142454	DIN 5526	C45N	B	B 36 c11x95x81 H	10
00083609	1142455	DIN 5526	C45N	B	B 60 c11x110x92 H	1

* Surface: Zn12mtCc

** Surface: A3C

**Bolts acc. to drawing
STW 505.91.048**



FG- Article	DB- Article	Material	Dimension	PU
S0964719	105508	1.4034 (X46Cr13)	16/41c11x164 with head and thread-Z	10

**Bolts acc. to drawing
STW505.24.007 "D"Pos.1
Ed. 05**



FG- Article	DB- Article	Material	Dimension	PU
S0938172	105509	X46CR13	10 c11x35x27 with big head	150

**Bolts acc. to drawing
STW505.27.040 "E"Pos.1
Ed. 06**



FG- Article	DB- Article	Material	Dimension	PU
S0938208	105518	X46CR13	30 c11x95 with big head	15

**Bolts acc. to drawing
STW505.27.040 "E"Pos.2
Ed. 06**



FG- Article	DB- Article	Material	Dimension	PU
S0938211	105523	X46CR13	30c11x140 with big head	10

**Bolts acc. to drawing
STW505.18.044**



FG- Article	DB- Article	Material	Dimension	PU
S0964625	140979	X12CrMoS17	42 h11x175	10

**Bolts acc. to drawing
Stw505.24.001"02"Type22**



FG- Article	DB- Article	Material	Dimension	PU
18634196	141031	C45N	8 a11x35	100

**Bolts acc. to drawing
STW505.27.028**

zinc plated



FG-Article	DB-Article	Material	Dimension	PU
S0938266	141189	C60	33a11x105 with big head	15

**Bolts acc. to drawing
STW 505.28.002*c* Status 3**



FG-Article	DB-Article	Material	Dimension	PU
S0963176	141205	C45N	41a11x110 - H with big head	1

**Bolts acc. to drawing
Stw505.30.005 "F"Pos.6
Ed. 06**



FG-Article	DB-Article	Material	Dimension	PU
S0693705	141289	1.0503 (C45N)	29.5 c11x90x80	25

**Bolts acc. to drawing
Stw505.31.003"02"Type57**



FG- Article	DB- Article	Material	Dimension	PU
18634219	141308	C45N	35,5 c11x80	15

**Bolts acc. to drawing
STW505.31.60 "4"**



FG- Article	DB- Article	Material	Dimension	PU
S0938282	141309	C45	32.5 c11x85 with big head	1

**Bolts acc. to drawing
Stw 505.31.003*02*Ed. 2**



FG- Article	DB- Article	Material	Dimension	PU
S0963189	141317	C45N	35.5 c11x110 with big head	1

**Bolts acc. to drawing
Stw 505.27.037"B" Ed. 03**



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
18611203	141362	C45N	23a11x80js15	1	DIN EN 10204 - 3.1

**Bolts acc. to drawing
Stw 505.27.036"B" Ed. 03**



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
18611216	141363	C45N	23a11x90js15	25	DIN EN 10204 - 3.1

**Bolts acc. to drawing
STW505.27.038 "C" Ed. 03**



FG- Article	DB- Article	Material	Dimension	PU
S0938318	141366	C45N	24 a11x90 with big head	30

**Bolts acc. to drawing
STW505.50.060 Ed. 01**



FG- Article	DB- Article	Material	Dimension	PU
S0938321	141377	115CRV3	12x40 w/o head	100

**Bolts acc. to drawing
Stw505.51.004 "4"**



FG- Article	DB- Article	Material	Dimension	PU
S0891536	141394	St60K	75 h11x265	5

**Bolts acc. to drawing
STW505.51.024 Ed.16
Ind. *D***



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
S0938347	141416	C45N	79 h11x180 w/o head	1	DIN EN 10204 - 3.1

**Bolts acc. to drawing
STW505.51.108 "E" Ed. 03**

A2C



FG- Article	DB- Article	Material	Dimension	PU
S0938350	141418	C45	24 c11x65,5 P with head	1

**Bolts acc. to drawing
Stw505.53.011**



FG- Article	DB- Article	Material	Dimension	PU
18634222	141438	C45	26 c11/50x62	25

**Bolts acc. to drawing
STW505.53.019**



FG- Article	DB- Article	Material	Dimension	PU
S0938376	141439	C45	25.5x62 with head	25

**Bolts acc. to drawing
STW505.53.012 "4" Pos. 1**



FG- Article	DB- Article	Material	Dimension	PU
S0938392	141441	C45	26/32x187 w/o head	10

**Bolts acc. to drawing
Stw505.53.012"3" Ed. 05**



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
16000941	141442	C45	26/32 d9x288	1	DIN EN 10204 - 3.1

**Bolts acc. to drawing
Stw505.54.71 Ed. 4**



FG- Article	DB- Article	Material	Dimension	PU
S0695952	141443	C45	50a11x150	5

**Bolts acc. to drawing
Stw505.71.006"C" Ed. 04**

A4C



FG-Article	DB-Article	Material	Dimension	PU
1861139704	141474	C45N	M20 Dia.22.5c11x146x117	25

**Bolts acc. to drawing
STW505.81.012"4"Pos.1
Ed. 05**



FG-Article	DB-Article	Material	Dimension	PU
S0936909	141515	C45N	C45N 32 c11x406	10

**Bolts acc. to drawing
STW505.81.011"B"Pos.1
Ed. 03**



FG-Article	DB-Article	Material	Dimension	PU
S0936925	141527	M ST60-2	45 a11x228	1

**Bolts acc. to drawing
STW505.81.94"02"**



FG- Article	DB- Article	Material	Dimension	PU
S0936938	141528	St50-2	14x75	50

**Bolts acc. to drawing
STW505.90.36"8"**



FG- Article	DB- Article	Material	Dimension	PU
S0936941	141540	C45	M33 / 33x650	2

**Bolts acc. to drawing
STW505.91.014"H"MSP B
Ed. 09**



FG- Article	DB- Article	Material	Dimension	PU
S0936996	141553	C45N	36 c11x161	1

**Bolts acc. to drawing
STW505.91.022"2"**



FG- Article	DB- Article	Material	Dimension	PU
S0937018	141555	C45	M24x1.5 / 35 h8x82	20

**Bolts acc. to drawing
STW505.92.18"8"**



FG- Article	DB- Article	Material	Dimension	PU
S0937092	141575	C45N	M56x4 / 60x205	1

**Bolts acc. to drawing
STW505.92.006"5"**



FG- Article	DB- Article	Material	Dimension	PU
S0937128	141576	C45V	M56x4 / 60x225	1

**Bolts acc. to drawing
3.EUR.010.3.07.059.425**



FG- Article	DB- Article	Material	Dimension	PU
S0937270	155409	16NiCr11	M16 / 25.6-25.5x101	50

**Bolts acc. to drawing
3.EUR.010.3.07.059.410**



FG- Article	DB- Article	Material	Dimension	PU
S0937283	155410	16NiCr11	M16 / 35.6 h10 x230	10

**Bolts acc. to drawing
3.EUR.010.3.07.059.491"1"**



FG- Article	DB- Article	Material	Dimension	PU
S0937296	155411	16NiCr11	11.6/33x22/5	30

**Bolts acc. to drawing
3.EUR.010.3.07.059.420"12"**



FG- Article	DB- Article	Material	Dimension	PU
S0937322	155413	16NiCr11	22.5/194x35/7	20

**Bolts acc. to drawing
3.EUR.010.3.07.059.489**



FG- Article	DB- Article	Material	Dimension	PU
S0937335	155414	16NiCr11	22.5/221x35/6	20

**Bolts acc. to drawing
3.EUR.010.3.07.059.421"01"**



FG- Article	DB- Article	Material	Dimension	PU
S0937348	155415	16NiCr11	22.5/251x35/7	10

**Bolts acc. to drawing
3.EUR.010.3.07.059.353**



FG- Article	DB- Article	Material	Dimension	PU
S0937351	155416	16NiCr11	25.5/51x46.5/4	50

**Bolts acc. to drawing
STW505.54.011"A" Ed. 02**



FG- Article	DB- Article	Material	Dimension	PU
S0938402	155417	C45N	25.5 a11x102x55	15

**Bolts acc. to drawing
3.EUR.010.3.07.059.488**



FG- Article	DB- Article	Material	Dimension	PU
S0938428	155418	16NiCr11	35.6 h10x170	10

Bolts acc. to drawing
33.EUR.010.3.07.059.487



FG- Article	DB- Article	Material	Dimension	PU
S0938473	155419	C45	35.5h10/206xD50/7	5

Bolts acc. to drawing
33.EUR.010.3.07.059.487



FG- Article	DB- Article	Material	Dimension	PU
S0938486	155420	16NiCr11	35.5/215x50/7	5

Bolts acc. to drawing
3.EUR.010.3.07.059.409



FG- Article	DB- Article	Material	Dimension	PU
S0938509	155421	16NiCr11	D35.5 h10x230	5

**Bolts acc. to drawing
4FWG690.0.07.078.021"E"
Ed. 01**



FG- Article	DB- Article	Material	Dimension	PU
S0938525	190022	C15K	20 a11x54	10

**Bolts acc. to drawing
3FLE120.0.07.017.034"01"**



FG- Article	DB- Article	Material	Dimension	PU
S0938541	190498	QSt 52-3	50 a11x221	1

**Bolts acc. to drawing
4FLE120.0.07.017.026 "01"**



FG- Article	DB- Article	Material	Dimension	PU
S0938965	190499	C45N	50 c11x240x220 H	1

**Bolts acc. to drawing
FLE4.07.02.34**



FG- Article	DB- Article	Material	Dimension	PU
S0938554	190500	C45N	50 a11x110	5

**Bolts acc. to drawing
4FLE111.0.07.100.072"01"**



FG- Article	DB- Article	Material	Dimension	PU
S0938570	190509	C45	60 a11x255	1

**Bolts acc. to drawing
3FLE151.2.07.020.023"B"
Ed.01**



Durni-Coat

FG- Article	DB- Article	Material	Dimension	PU
S0938606	190510	C45U	50 a12x234	1

**Bolts acc. to drawing
4FLE151.2.07.020.025"B"
Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0938091	190511	C45U	30/34 l=208 w. head and collar	1

**Bolts acc. to drawing
4Fle 151.2.07.020.026**



10-15µm Durni Coat

FG- Article	DB- Article	Material	Dimension	PU
S0964638	190512	C45U	M24/ 30 a12x126	10

**Bolts acc. to drawing
3FLE151.2.07.020.024"A"**



FG- Article	DB- Article	Material	Dimension	PU
S0938635	190513	C45U	54 / 50a12 l=295	1

**Bolts acc. to drawing
FLM3-145.07.10"1"**



FG- Article	DB- Article	Material	Dimension	PU
S0938651	190690	C45V	34 h9x283	1

**Bolts acc. to drawing
FLM4-150.07.145 Pos. 01**



FG- Article	DB- Article	Material	Dimension	PU
S0964683	190854	C45	B 20 h11x70	25

**Bolts acc. to drawing
FLM4-150.07.145 Pos.02**



FG- Article	DB- Article	Material	Dimension	PU
S0964667	190855	C45	B 20 h11x60	25

**Bolts acc. to drawing
FLM4-140.07.54**



FG- Article	DB- Article	Material	Dimension	PU
S0938729	190872	C45V	34 h9x102x92	10

**Bolts acc. to drawing
FLE4.85.37.04"A" - Picture 1**



FG- Article	DB- Article	Material	Dimension	PU
S0938761	235880	St37K	5 h11x37	150

**Bolts acc. to drawing
STW505.91.013"G"Pos.2
Ed.08**



FG- Article	DB- Article	Material	Dimension	PU
S0938826	242964	C45N	M20/30 c11x175	10

**Bolts acc. to drawing
4FTE401.0.87.015.004"B"
Ed.02**



FG- Article	DB- Article	Material	Dimension	PU
S0938897	245893	C45N	33d9/M24x104	20

**Bolts acc. to drawing
4FTE401.0.04.008.006"01"**



FG- Article	DB- Article	Material	Dimension	PU
S0938936	247297	C15	12x45	25

**Bolts acc. to drawing
Stw505.25.014"A"**



FG- Article	DB- Article	Material	Dimension	PU
S0361419	251758	C45	16 c11x60js15	25

**Bolts acc. to drawing
Stw505.27.045 "A"**



FG- Article	DB- Article	Material	Dimension	PU
S0920834	251807	C45V	24 c11x65x56	25

**Bolts acc. to drawing
LEW*031 342 040 0 "1"**



FG- Article	DB- Article	Material	Dimension	PU
S0939113	258554	C45	40 h11x220 C45	1

**Bolts acc. to drawing
LEW 03 1 342.401.0 A 75**



FG- Article	DB- Article	Material	Dimension	PU
S0964612	258557	C45	50/M36x145	1

**Bolts acc. to drawing
LEW 031 342.437 0 A.72**



FG- Article	DB- Article	Material	Dimension	PU
S0964586	258558	C45	50d9x119	1

**Bolts acc. to drawing
LEW*031 342 163 0 "2"**



FG- Article	DB- Article	Material	Dimension	PU
S0939139	258559	C45 SH	40 h11x270 internal thread M12	1

**Bolts acc. to drawing
LEW 71 3 458 610 1 A.83/2/**



FG- Article	DB- Article	Material	Dimension	PU
S0964560	258631	C45 SH	40h11x250	10

**Bolts acc. to drawing
LEW71 3 458 610 part 102**



FG-Article	DB-Article	Material	Dimension	PU
S0964832	258632	C45N	30 h11x200	10

**Bolts acc. to drawing
LEW71 3 458 610 part 103**



FG-Article	DB-Article	Material	Dimension	PU
S0964777	258633	C45	40 h11x185	25

**Bolts acc. to drawing
BSI122251-100/122"A"**



FG-Article	DB-Article	Werkstoff	Dimension	PU
S0937681	258749	C45+QT	D 22 a11x130x122	10

**Bolts acc. to drawing
3Fle155.0.07.032.001"01"**



FG-Article	DB-Article	Material	Dimension	PU
S0937885	352912	C45	30 h11x80x70	20

**Bolts acc. to drawing
3Fle155.0.07.032.001"G"**



FG-Article	DB-Article	Material	Dimension	PU
S0939456	352913	C45	30 h11x60x46	25

**Bolts acc. to drawing
Stw505.30.001 "A"Pos.3
Ed.2**



FG-Article	DB-Article	Material	Dimension	PU
16000926	489083	C45N	19.5 c11x65x56.4	50

**Bolts acc. to drawing
Stw505.30.002"A"Pos.1
Ed.02**



FG- Article	DB- Article	Material	Dimension	PU
16000887	489088	C45N	22.5 c11x55x46.4 with head	25

**Bolts acc. to drawing
Stw505.30.002"A"Pos.2
Ed.02**



FG- Article	DB- Article	Material	Dimension	PU
18634206	489090	C45N	22.5 c11x65x56.4	1

**Bolts acc. to drawing
Stw505.30.003 "B"Pos.4
Ed.3**



FG- Article	DB- Article	Material	Dimension	PU
16000933	489091	C45N	25.5 c11x75x65.2 with head	30

**Bolts acc. to drawing
Stw505.30.003 "B"Pos.6
Ed.3**



FG- Article	DB- Article	Material	Dimension	PU
16000939	489094	C45N	25.5 c11x85x75.2 with head	50

**Bolts acc. to drawing
Stw505.30.003 "C"Pos.8 Ed.4**



FG- Article	DB- Article	Material	Dimension	PU
16000931	489098	C45N	25,5 c11x105x95,2	20

**Bolts acc. to drawing
4Fle143.0.60.003.397 Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0964803	519157	X20Cr13Kc2	12- M5x8 d9x25	100

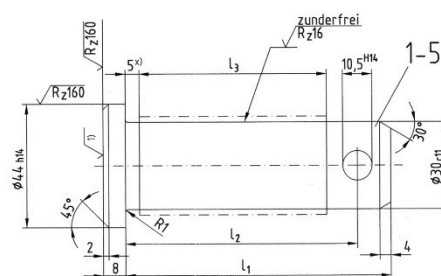
**Bolts acc. to drawing
4Fwp 263.0.25.011.116**

Fe/Zn8cX



FG-Article	DB-Article	Material	Dimension	PU
S0964573	527538	St50	10h11x102	50

**Bolts acc. to drawing
Stw505.27.040 "E"Pos.3
Ed.06**



FG-Article	DB-Article	Material	Dimension	PU
S0937034	562115	1.4034	30 c11x105x93	15

**Bolts acc. to drawing
Stw505.30.001 "A"Pos.1
Ed.2**



FG-Article	DB-Article	Material	Dimension	PU
S0937063	564314	C45N	19.5 c11x50x40	20

**Bolts acc. to drawing
Stw505.30.005 "F"Pos.4 Ed.6**



FG- Article	DB- Article	Material	Dimension	PU
S0937199	564386	C45N	29.5 c11x80x69	20

**Bolts acc. to drawing
Stw505.71.017"K"Pos.2
Ed. 11**



FG- Article	DB- Article	Material	Dimension	PU
S0964696	633591	C45N	M24/30 c11x116	25

**Bolts acc. to drawing
4Fle111.0.04.100.031*02*
Status 01**



FG- Article	DB- Article	Material	Dimension	PU
S0936899	683692	S355J2G3	M24x1.5/32x95	10

**Bolts acc. to drawing
Stw 505.71.016 Pos.2**



FG- Article	DB- Article	Material	Dimension	PU
S0964751	692483	C45	35 c11x217/175 M24	5

**Bolts acc. to drawing
Fw0192.24.036.01.06
Ed. 3**



FG- Article	DB- Article	Material	Dimension	PU
S0705583	709141	St38u-2k	14h11x35	25

**Bolts acc. to drawing
FLE151.1.07.020.013**



FG- Article	DB- Article	Material	Dimension	PU
S0964599	711286	C45U	49,5c11x135	25

**Bolts acc. to drawing
Stw 505.32.001**



FG- Article	DB- Article	Material	Dimension	PU
S0963370	722347	C45N	49,5 c11x115x100	20

**Bolts acc. to drawing
3FLE151.1.07.022.017*A*
Ed. 01**



FG- Article	DB- Article	Material	Dimension	PU
00082857	722349	C45N	59,5 c11x100	5

**Bolts acc. to drawing
4Fwg655.0.12.005.021
Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0917038	728685	42CrMo4V+K	A8 c11x120	100

**Bolts acc. to drawing
01.502-3008**



FG- Article	DB- Article	Material	Dimension	PU
S0928881	740348	C45	Ø70x45h11x247	10

**Bolts acc. to drawing
143.07.00.007 Ed. 01**



FG- Article	DB- Article	Material	Dimension	PU
S0937306	742777	C45N	40h11x87x70	10

**Bolts acc. to drawing
4PDB718.0.07.000.011
Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0938101	742979	C45N	B 18 c11x75x67.4 H	50

**Bolts acc. to drawing
Flb000.8.07.055.001 Part 2**



FG- Article	DB- Article	Material	Dimension	PU
S0964706	747022	E295K	12x113	50

**Bolts acc. to drawing
3Fle112.0.07.032.001*A*
Ed.02**



FG- Article	DB- Article	Material	Dimension	PU
S0937432	749782	C45K	20h11x60x48	25

**Bolts acc. to drawing
Fwp791.4.07.076.009*B*
Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0933038	758169	C45+C	170x25x28 / M16 / Sw24	10

**Bolts acc. to drawing
3Fwp266.0.04.013.001"B"
Ed.1**



FG- Article	DB- Article	Material	Dimension	PU
S0964654	769426	C45	30 a11x164	25

**Bolts acc. to drawing
Stw505.91.029"F" Ed. 07**



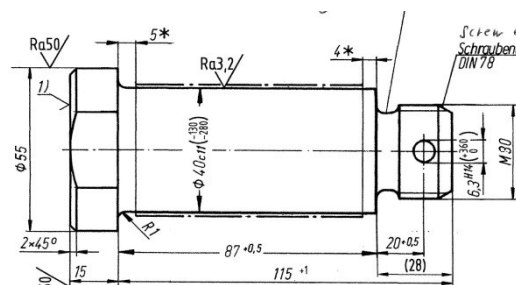
FG- Article	DB- Article	Material	Dimension	PU
S0937911	773670	C45N	36c11x87/112	1

**Bolts acc. to drawing
Stw505.91.026"E" Ed.06**



FG- Article	DB- Article	Material	Dimension	PU
S0937924	773671	C45N	40c11x96/149	1

**Bolts acc. to drawing
Stw505.91.031"D"Ed. 05**



FG- Article	DB- Article	Material	Dimension	PU
S0937940	773672	C45N	40c11x87/115	10

**Bolts acc. to drawing
Stw505.28.009*E* Pos.4
Ed.6**



FG - Article	DB- Article	Material	Dimension	PU
S0928878	813636	X46Cr1	36 c11x100x85	10

**Bolts acc. to drawing
Stw505.27.019**



FG - Article	DB- Article	Material	Dimension	PU
S0963338	832502	C45N	31 a11x130x120	5

**Bolts acc. to drawing
3Fte424.0.45.012.036*C*
Ed.01**



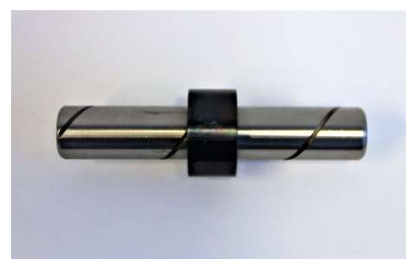
FG - Article	DB- Article	Material	Dimension	PU
S0937995	949720	42CrMo4V	80x220/M24	1

**Bolts acc. to drawing
Stw505.71.045 Ed. 01**



FG - Article	DB- Article	Material	Dimension	PU
S0938046	995330	C45N	40c11x217	1

**Guide bolts + socket
acc. to drawing
4FTE420.0.45.001.005"B"**



FG Article	DB Article	Material	Dimension	PU
16089060	197613	St50-2/C15	28 e7x158 / 46x25	5

**Bolts with threaded ends
acc. to drawing
STW505.71.007 "2"**



FG- Article	DB- Article	Material	Dimension	PU
S0938415	141460	C45	M20/25 e8x125	20

**Bolts with threaded ends
acc. to drawing
STW505.65.008"C"
Ed. 02**



phosphated

FG- Article	DB- Article	Material	Dimension	PU
S0938855	243220	C45V	22a11/M16x141	25

**Bolts with threaded ends
acc. to drawing
STW505.65.009 Ed.02
Ind. *A***



FG- Article	DB- Article	Material	Dimension	PU
S0938868	243221	41Cr4V	27 a11/M20x285	10

**Bolts with threaded ends
acc. to drawing
STW505.69.029"02"**



FG- Article	DB- Article	Material	Dimension	PU
S0938871	243223	C45V	24 c11/M20x123.8	25

**Bolts with threaded ends
acc. to drawing
Stw505.71.037 "B"Pos.1
Ed.03**



FG- Article	DB- Article	Material	Dimension	PU
S0939074	250859	1.4034	M16/24 c11x115x82	25

**Bolts with threaded ends
acc. to drawing
Stw 505.70.011*E* Ed.02**



FG- Article	DB- Article	Material	Dimension	PU
S0963231	251223	C45	M20/24 a11x189x154-H	10

**Bolts with threaded ends
acc. to drawing
Stw505.71.028 "F" Pos.1**



FG- Article	DB- Article	Material	Dimension	PU
S0956552	258698	C45N	M16/ 24 c11x101x68	25

**Bolts with threaded ends
acc. to drawing
Stw505.71.028 "F"Pos.2
Ed.07**



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
S0956565	258699	C45N	M16/ 24 c11x115x82	25	DIN EN 10204 - 3.1

**Bolts with threaded ends
acc. to drawing
2Fle111.0.04.100.049 *A***



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
S0901471	629975	S355J2G3	M48x100 h11x320	5	DIN EN 10204 - 3.1

**Bolts with threaded ends
acc. to drawing
Stw505.70.95 "3" Ed. 03**



FG- Article	DB- Article	Material	Dimension	PU
S0938114	722344	C45	30a11 M24x65/95	20

**Bolts with threaded ends
acc. to drawing
Stw505.65.010*B* Ed.02**



FG- Article	DB- Article	Material	Dimension	PU	Test certificates
S0937186	738792	C45V	25d9x167	50	DIN EN 10204 - 3.1

**Bolts with threaded ends
acc. to drawing
4Fwp185.0.22.038.018*A*
Ed.01**



FG- Article	DB- Article	Material	Dimension	PU
S0937898	772129	X5CrNi1818	6x72/M6	50

**Bolts with threaded ends
acc. to drawing
Wbg000.0.07.076.001 "A"**

Mnph r15f



FG- Article	DB- Article	Material	Dimension	PU
S0951000	1149619	C45 + QT	M 16x140 surface induction hardened	20

**Spring bolts acc. to
drawing**



FG- Article	DB- Article	Drawing	Material	Dimension	PU
S0895914*	1106203	Stw505.81.048 Ed.06 Pos.2	E360 (St70-2)	35x231 Standardized	250
S0945783*	141524	Stw505.81. 048 Ed.06 Pos.1	E360 (St70-2)	35x260 Standardized	250
S0939210*	315938	FW0738.02.025.01.01 "11"	St70-2	35x260 Standardized	100
S0937144*	730912	Stw505.81.055 Ed.04 Ind.*C*	E360 EN 10025-2	40x260	200

* Test category 1 / DIN EN 10204 - 3.1

**Fixing bolts acc. to
drawing
FLD 1.509 BL.2001 TL.1**



FG- Article	DB- Article	Material	Dimension	PU
S0964670	363995	St37.12	16x130	10

**Coupling bolts acc. to
drawing**



FG- Article	DB- Article	Drawing	Material	Dimension	PU	Test certificates
S0537447	141252	Stw505.29.005	C60N	55a11x155	1	Test category 1 / DIN EN 10204 - 3.1
S0937416	606333	Stw505.29.007	C60	55x172x157	1	Test category 1 / DIN EN 10204 - 3.1

**Coupling bolts circle
acc. to drawing
STW507.58.008"01"**



FG- Article	DB- Article	Material	Dimension	PU
S0937238	142178	St35	55 H11 / 70x26	30

Round part bolts acc. to drawing
FWP116.0.04.066.011 Ed.01

AFC 10-15μ



FG- Article	DB- Article	Material	Dimension	PU
S0901442	733628	St52-3	28 a11x195	25

Adjusting ring acc. to drawing
STW515.27.035 "A"



FG- Article	DB- Article	Material	Dimension	PU
S0939317	251798	St37	D=24/40x16	150

Control bolts acc. to drawing
Stw505.91.014"H"Ed.09
MSP-A



FG- Article	DB- Article	Material	Dimension	PU
S0620901	962909	C45N	36c11x156	1

**Bolts acc. to drawing
Stw505.51.067*A***



FG- Article	DB- Article	Material	Dimension	PU
S0937966	799214	ISO/DIS683/XIII	25 h11x352	5