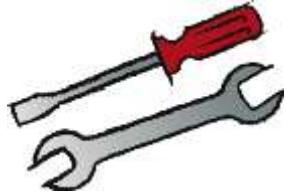


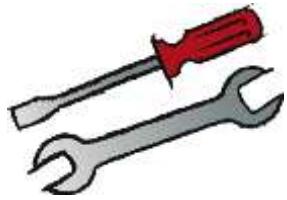


Das Original

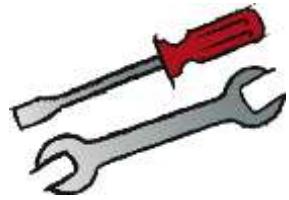
Zylinderkopfschrauben-Werkzeuge
Cylinder head bolt tools
Des Outils pour les vis de culasse
Herramientas tornillos
Chiavi per viti testate
1/9



003.930	19	111.590	35	189.380	12	372.940	15
004.210	22	111.630	6	189.610	12	373.000	24
004.260	18	114.270	7	198.730	3	373.280	13
005.610	34	114.300	7	198.740	12	373.320	15
007.190	26	124.791	17	199.300	6 + 7	374.180	6
008.860	32	124.810	12	215.000	32	374.210	20
010.180	18	124.930	32	220.780	31	374.230	4
010.230	11+12	125.920	12	220.790	23	374.240	36
015.920	16	125.930	12	221.280	14	374.270	38
022.490	13	125.990	7	221.490	3	431.440	12
022.540	7	129.900	13	221.530	3	456.111	32
022.590	3	129.950	13	257.910	4	476.130	31
022.670	30	130.110	32	258.180	13	476.140	31
022.690	32	130.120	32	258.270	12	476.660	31
022.820	32	130.830	34	258.610	21	497.410	38
027.850	28	130.850	34	258.920	13	535.860	13
028.230	27	132.180	13	262.780	37	542.360	7
049.630	13	136.630	32	262.820	13	584.500	15
057.220	32	136.680	7	267.460	32	655.350	15
057.240	32	136.910	27	267.550	13	655.490	34
057.260	32	148.110	2	267.660	24	698.530	17
057.290	32	151.800	20	267.790	32	706.120	3
057.380	32	151.890	12	270.130	3	706.150	3
057.410	34	152.080	37	270.190	28	707.630	19
057.440	32	152.090	37	272.010	13	707.640	19
057.450	34	152.420	37	272.080	25	707.650	6
057.510	32	152.440	38	273.150	15	707.660	24
060.190	22	152.480	13	290.330	24	707.670	19
060.220	22	152.510	13	290.390	30	707.680	20
060.350	22	152.550	13	290.440	34	707.700	24
061.330	32	152.570	13	302.250	32	708.190	3
068.410	24	152.760	38	305.430	32	708.210	18
076.980	27	156.550	27	325.040	34	708.240	20
077.890	13	156.570	27	325.930	34	708.250	20
083.200	19	156.580	2	326.430	33	708.270	30
087.830	27	156.700	3	330.060	13	709.170	23
098.190	6	156.800	16	330.390	13	709.190	24
104.270	36	167.540	5	331.520	24	709.240	19
104.510	32	169.660	4	332.830	32	709.270	18
104.930	34	175.580	2 + 6	372.820	13	709.300	24
111.460	13	182.430	15	372.920	15	709.310	24

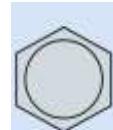


709.720	3	760.120	15	819.850	32
709.770	24	760.150	14	819.875	32
709.810	19	760.160	32	819.883	32
709.940	24	760.300	6	819.891	32
709.990	24	760.510	38	819.956	32
710.020	24	760.720	2	819.965	32
710.040	24	760.870	4	819.980	32
710.080	19	760.900	36	820.040	22
710.100	24	802.661	14	820.059	7
713.490	32	802.700	7	820.075	22
717.260	15	802.720	7	820.091	21
718.630	14	802.740	12	820.106	31
725.310	32	802.760	12	820.114	31
725.320	32	802.790	12	820.122	31
728.080	20	802.801	14	820.199	32
728.090	30	802.820	12	820.210	32
728.100	25	802.860	27	820.229	13
728.110	1	802.870	27	820.245	15
728.120	18	802.880	29	820.262	12
728.130	26	802.900	27	820.297	27
730.300	32	802.910	3	820.334	7
733.100	2 + 6	802.920	2	820.458	27
751.970	12	802.930	6	820.490	2
758.230	27	802.940	3	820.512	3
758.240	27	803.000	27	820.548	16
758.260	27	803.010	27	862.780	3
758.270	27	803.050	24	862.810	3
758.280	27	803.060	12	897.440	6
758.290	13	803.740	32	897.450	6
758.300	13	804.210	27	906.110	5
758.370	13	804.250	31	906.610	13
758.400	13	804.720	4		
759.180	13	804.780	4		
759.350	12	804.860	32		
759.370	12	804.870	34		
759.640	32	804.910	15		
759.970	27	819.808	32		
760.030	27	819.817	32		
760.060	32	819.824	32		
760.090	15	819.832	24		
760.110	15	819.840	32		



Antrieb | Drive | Transmission | Accion. | Attacco 12,5 = 1/2"

Außen-Sechskant- Schrauben | External hexagon bolts |
Vis à tête six pans | Tornillos de cabeza hex. ext. | Viti con testa esagonale



	SW	FACOM			GEDORE			HAZET			STAHLWILLE		
			mm			mm			mm		mm		mm
1	12	S.12H	f1	36	19 12	g1	38,0	900-12	h1	38	52-12	s1	38
2	13	S.13H	f1	36	19 13	g1	38,0	900-13	h1	38	52-13	s1	38
3	14	S.14H	f1	36	19 14	g1	38,0	900-14	h1	38	52-14	s1	38
4	15	S.15H	f1	36	19 15	g1	39,5	900-15	h1	38	52-15	s1	38
5	16	S.16H	f1	36	19 16	g1	39,5	900-16	h1	38	52-16	s1	38
6	17	S.17H	f1	36	19 17	g1	39,5	900-17	h1	38	52-17	s1	38
7	19	S.19H	f1	36	19 19	g1	40,0	900-19	h1	38	52-19	s1	38
8	21	S.21H	f1	38	19 21	g1	41,5	900-21	h1	38	52-21	s1	42
9	24	S.24H	f1	38	19 24	g1	41,5	900-24	h1	44	52-24	s1	42
10	27	S.27H	f1	44	19 27	g1	41,5	900-27	h1	46	52-27	s1	45



f1



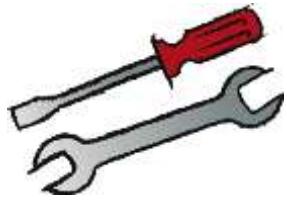
g1



h1



s1



Außen-Torx-Schrauben | External Torx bolts |
Vis à tête Torx | Tornillos Torx ext. | Viti con testa Torx



SW	FACOM			GEDORE			HAZET			STAHLWILLE		
			mm			mm			mm			mm
11	E 10	GSX.10	-	37,5	TX 19 E10	g2	38,0	900-E 10	h2	38	50TX-E10	s2 38
12	E 12	STX.12	f2	37	TX 19 E12	g2	38,0	900-E 12	h2	38	50TX-E12	s2 38
13	E 14	STX.14	f2	37	TX 19 E14	g2	38,0	900-E 14	h2	38	50TX-E14	s2 38
14	E 16	STX.16	f2	37	TX 19 E16	g2	38,0	900-E 16	h2	38	50TX-E16	s2 38
15	E 18	STX.18	f2	37	TX 19 E18	g2	40,0	900-E 18	h2	38	50TX-E18	s2 38
E 18 a]	-	-	-	-	-	-	2850-E 18	h3	110	-	-	-
16	E 20	STX.20	f2	37	TX 19 E20	g2	40,0	900-E 20	h2	38	50TX-E20	s2 38
E 20 a]	-	-	-	-	-	-	2850-E 20	h3	110	-	-	-
17	E 24	STX.24	f2	37	TX 19 E24	g2	41,5	900-E 24	h2	41,2	50TX-E24	s2 41,2
E 24 b]	-	-	-	-	-	-	2850-E 24	h3	110	-	-	-

E 18 a] Antrieb 20 = 3/4" / Verstärkte Ausführung aus CH-VA-Sonderstahl für MAN Nfz. Typen M2000 und MAN Bussen mit D08 Motoren
E 20 a] Drive 20 = ¾" / reinforced construction of CH-VA special steel for MAN commercial veh. Types M2000 and MAN busses with engine D08
Transmission 20 0 ¾" / Version renforcée en acier spécial CH-VA pour véhicules utilitaires MAN Types M2000 et autocars/autobus MAN
à moteurs D08
Accion. 20 = ¾" / Versión reforzada de acero especial CH-VA para veh. comerciales MAN Tipos M2000 y autobuses MAN con mot. D08
Attacco 20 = ¾" / Versione rinforzata in acciaio speciale CH-VA per veicoli industriali MAN M2000 e autobus MAN con motori D08

E 24 b] Antrieb 20 = 3/4" / Verstärkte Ausführung aus CH-VA-Sonderstahl für MAN Nfz. Typen mit D20 / D26 Motoren
Drive 20 = ¾" / reinforced construction of CH-VA special steel for MAN commercial veh. Types M2000 with engines D20 / D26
Transmission 20 0 ¾" / Version renforcée en acier spécial CH-VA pour véhicules utilitaires MAN à moteurs D20 / D26
Accion. 20 = ¾" / Versión reforzada de acero especial CH-VA para veh. comerciales MAN con mot. D20 / D26
Attacco 20 = ¾" / Versione rinforzata in acciaio speciale CH-VA per veicoli industriali MAN con motori D20 / D26



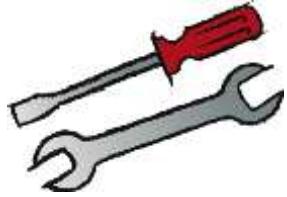
g2

f2

h2

h3

s2



Außen-Vielzahn-Schrauben | External multipoint bolts |
Vis à tête polygonale | Tornillos dentados ext. | Viti con testa a stella



	SW	FACOM			GEDORE			HAZET			STAHLWILLE		
				mm			mm			mm			mm
18	10	S.10	f3	36	D 19 10	g3	38,0	900 Z-10	h4	38	50-10	s3	38
19	12	S.12	f3	36	D 19 12	g3	38,0	900 Z-12	h4	38	50-12	s3	38
20	14	S.14	f3	36	D 19 14	g3	38,0	900 Z-14	h4	38	50-14	s3	38
	14 c]	DM.38	f4	95	-	-	-	-	-	-	-	-	-
21	17	S.17	f3	36	D 19 17	g3	39,5	900 Z-17	h4	38	50-17	s3	38
	17 d]	DM.21	-	267	-	-	-	-	-	-	-	-	-
22	19	S.19	f3	36	D 19 19	g3	40,0	900 Z-19	h4	38	50-19	s3	38
14 c]	Gekrümmte Ausführung für 1,9 / 2,1 / 2,3 / 2,5 ltr. Diesel, Granada, Sierra, auch Peugeot 504, 505 Diesel, Citroën Diesel, Isuzu Curved design for 1,9 / 2,1 / 2,3 / 2,5 ltr. Diesel, Granada, Sierra, also Peugeot 504, 505 Diesel, Citroën Diesel, Isuzu Version contrecoudée pour 1,9 / 2,1 / 2,3 / 2,5 ltr. Diesel, Granada, Sierra, également Peugeot 504, 505 Diesel, Citroën Diesel, Isuzu Versión acodada para 1,9 / 2,1 / 2,3 / 2,5 ltr. Diesel, Granada, Sierra, también Peugeot 504, 505 Diesel, Citroën Diesel, Isuzu Version ricurva per 1,9 / 2,1 / 2,3 / 2,5 ltr. Diesel, Granada, Sierra, e Peugeot 504, 505 Diesel, Citroën Diesel, Isuzu												
17 d]	Gekrümmte Ausführung für Mercedes-Benz Curved design for Mercedes-Benz Version contrcoudée pour Mercedes-Benz Versión acodada para Mercedes-Benz Version ricurva per Mercedes-Benz												



f3



f4



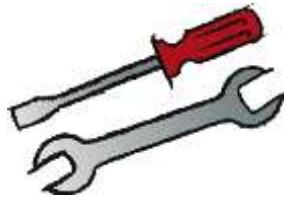
g3



h4



s3



Innen-Sechskant-Schrauben | Hexagon socket bolts |
Vis à six pans creux | Tornillos de cabeza hex. int. | Viti con testa esagonale incassata

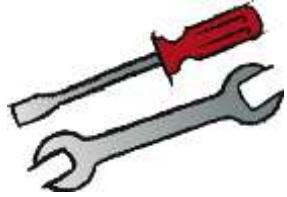


	SW	FACOM			GEDORE			HAZET			STAHLWILLE		
				mm			mm			mm			mm
23	8 e]	3/8"; D.107-8	f5	10 KL	-	-	-	985-8	h5	8 KL	-	-	-
	8	STM.8	f6	60	IN 19 8	g4	60	986-8	-	60	54-8	s4	60
	8	SHP.8LA	f7	100	IN 19 L 8-90	g5	90	986 Lg-8	h6	80	3054-8	s5	80
	8	-	-	-	IN 19 L 8-120	g5	120	986 S Lg-8	-	119	1054-8	s6	120
24	10 f]	3/8"; D.107-10	f5	10 KL	-	-	-	985-10	h5	10 KL	-	-	-
	10	STM.10	f6	60	IN 19 10	g4	60	986-10	-	60	54-10	s4	60
	10	SHP.10LA	f7	140	IN 19 L 10-140	g5	140	986 Lg-10	h6	141	1054-10	s6	140
25	12	3/8"; D.107-12	f5	10 KL	-	-	-	985-12	h5	12 KL	-	-	-
	12	STM.12	f6	60	IN 19 12	g4	60	986-12	-	60	54-12	s4	60
	12	SHP.12LA	f7	100	IN 19 L 12-140	g5	140	-	-	-	-	-	-

8 e] KL = Klingenlänge | blade length | longueur de lame | largo de cuchilla | lunghezza inserto

10 f] KL = Klingenlänge | blade length | longueur de lame | largo de cuchilla | lunghezza inserto





Innen-Torx-Schrauben | Internal Torx bolts |
Vis à Torx creux | Tornillos Torx int. | Viti con testa Torx incassata

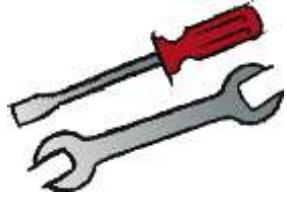


	SW	FACOM			GEDORE			HAZET			STAHLWILLE		
				mm			mm			mm			mm
26	T50	SXM.50	f8	60	ITX 19 T50	g6	55	992-T 50	h7	55	54TX-T50	s7	55
	T50	-	-	-	ITX 19 L T50-100	g7	100	992 Lg-T 50	h8	100	-	-	-
	T50	-	-	-	-	-	-	992 S Lg-T 50	h9	138	1054TX-T50	s8	140
27	T55	SXM.55	f8	60	ITX 19 T55	g6	55	992-T 55	h7	56	54TX-T55	s7	58
	T55	SX.55LA	f9	104	ITX 19 L T55-100	g7	100	992 Lg-T 55	h8	96	-	-	-
	T55	233.55	-	138	-	-	-	992 S Lg-T 55	h9	138	1054TX-T55	s8	140
28	T60	SXM.60	f8	60	ITX 19 T60	g6	55	992-T 60	h7	56	-	-	-
	T60	-	-	-	ITX 19 L T60-100	g7	100	992 Lg-T 60	-	83	1054TX-T60	-	100
29	T70	SX.70LA	f9	140	ITX 19 L T70-100	g7	100	992 Lg-T 70	h8	105	1054TX-T70	s8	107





Zylinderkopfschrauben-Werkzeuge
Cylinder head bolt tools
Des Outils pour les vis de culasse
Herramientas tornillos
Chiavi per viti testate
8/9



Innen-Vielzahn-Schrauben | Multipoint socket bolts |
Vis à polygone creux | Tornillos dentados int. | Viti con testa a stella incassata



		FACOM			GEDORE			HAZET			STAHLWILLE		
	SW			mm			mm			mm			mm
30	9	-		-	INX 19 L 6-100	g9	100	990 Lg-9	h11	100	-	-	-
31	10	SV.10B	f10	60	INX 19 10	g8	55	990-10	h10	53	54X-M10	s9	60
	10	SV.10LB	f11	100	INX 19 L 10-100	g9	100	990 Lg-10	h11	100	2054X-M10	-	110
	10	SV.10ELB	-	120	-	-	-	990 S Lg-10	h12	120	-	-	-
	10 g]	-	-	-	-	-	-	2751	h13	140	3054X-M10	s10	140
32	12	SV.12B	f10	60	INX 19 12	g8	55	990-12	h10	55	54X-M12	s9	60
	12	SV.12LB	f11	100	INX 19 L 12-100	g9	100	990 Lg-12	h11	100	2054X-M12	-	110
	12	SV.12ELB	-	140	-	-	-	990 S Lg-12	h12	140	3054X-M12	s10	140
	12 h]	SV.12B	-	60	-	-	-	-	-	-	-	-	-
33	14	SV.14B	f10	60	INX 19 14	g8	57	990-14	h10	58	54X-M14	s9	60
	14 i]	SV.14LB	f11	100	INX 19 L 14-100	g9	100	990 Lg-14	h11	100	-	-	-
	14	-	-	-	-	-	-	-	-	-	3054X-M14	s10	140
	14	SV.14B	-	60	-	-	-	-	-	-	-	-	-

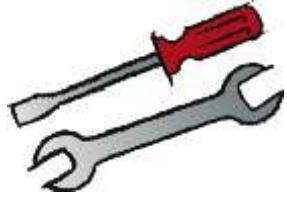
10 g] Für | for | pour | para | per Mercedes-Benz

12 h] Für Mercedes-Benz M 104 6-Zyl., M119 8-Zyl., M 120 12-Zyl. Mehrventiler-Motor
For Mercedes-Benz M 104 6-cyl., M119 8-cyl., M 120 12-cyl. Multivalve engine
Pour moteur Mercedes-Benz M 104 6-cyl., 1119 8-cyl., M 120 12-cyl. á plusieurs soupapes
Para Mercedes-Benz M 104 6-cil., M119 8-cil., M 120 12-cil. Motor multidistr.

Per Mercedes-Benz M 104 6-cil., M119 8-cil., M 120 12-cil. Motore multivalvole

14 i] Für Toyota Corolla 1,4 ltr.; Toyota Yaris 1,0 ltr. und VM Diesel-Motoren (Chrysler)
For Toyota Corolla 1,4 ltr.; Toyota Yaris 1,0 ltr. and VM Diesel-Engines (Chrysler)
Pour Toyota Corolla 1,4 ltr.; Toyota Yaris 1,0 ltr. et VM moteur Diesel (Chrysler)
Para Toyota Corolla 1,4 ltr.; Toyota Yaris 1,0 ltr. y VM motores Diesel (Chrysler)
Per Toyota Corolla 1,4 ltr.; Toyota Yaris 1,0 ltr. e VM motore Diesel (Chrysler)





Innen-Keilprofil-Schrauben | Spline socket bolts (Polydrive) |
Vis à créneaux creux (Polydrive) | Tornillos cuña int. (Polydrive) |
Viti con testa dentata incassata (Polydrive)



		FACOM			HAZET			KLANN			STAHLWILLE		
	SW			mm			mm			mm			mm
34	10 j]	-	-	-	2579-9	h15	168	KL-4051-3310	K1	140	-	-	-
35	10 k]	-	-	-	-	-	-	KL-4051-3311	K2	140	-	-	-
36	12	D.34B12L	f12	100	991-12	h14	63	KL-4051-3312	K1	140	54CV-M12	s11	60
37	13	-	-	-	991-13	h14	63	KL-4051-3313	K1	140	54CV-M13	s11	60
38	14	D.34B14L	f12	100	991-14	h14	63	KL-4051-3314	K1	140	54CV-M14	s11	60
10 j]	Montage tiefliegender Schrauben bei VW/Audi möglich Possible to mount sunken bolts for VW/Audi Montage de vis profondes possible pour VW/Audi Posibilidad de montaje de tornillos rebajados en VW/Audi Per montaggio su motori VW/Audi di viti incassate												
10 k]	Montage tiefliegender Schrauben bei Fiat möglich Possible to mount sunken bolts for Fiat Montage de vis profondes possible pour Fiat Posibilidad de montaje de tornillos rebajados en Fiat Per montaggio su motori Fiat di viti incassate												

