



WRENCHES
SCHLÜSSEL
CLÉS
LLAVES





AA - BA

DIN 3113

Combination wrench

Ringmaulschlüssel - Clé mixte - Llave combinada



Part No.	s mm	l mm	g
AA0006	6	120	30
AA0007	7	120	30
AA0008	8	150	50
AA0009	9	150	50
AA0010	10	175	75
AA0011	11	175	75
AA0012	12	205	115
AA0013	13	205	115
AA0014	14	205	115
AA0015	15	225	145
AA0016	16	225	145
AA0017	17	270	260
AA0018	18	270	260
AA0019	19	270	260
AA0020	20	295	300
AA0021	21	295	300
AA0022	22	295	300
AA0023	23	325	400
AA0024	24	325	400
AA0025	25	355	550
AA0026	26	355	550
AA0027	27	355	550
AA0028	28	390	690
AA0029	29	390	690
AA0030	30	390	690
AA0032	32	430	1000
AA0034	34	430	1000
AA0036	36	475	1100
AA0038	38	475	1100
AA0041	41	525	1450
AA0046	46	550	1900
AA0050	50	575	2200
AA0055	55	575	2600
AA0060	60	575	3150
AA0065	65	575	4580
AA0070	70	575	4580
AA0075	75	640	5450
AA0080	80	640	5450

Part No.	s inch	l mm	g
BA0006	1/4	120	30
BA0007	11/32	120	30
BA0008	5/16	150	50
BA0009	3/8	150	50
BA0010	13/32	175	75
BA0011	7/16	175	75
BA0013	1/2	205	115
BA0014	9/16	205	115
BA0015	19/32	225	145
BA0016	5/8	225	145
BA0018	11/16	270	260
BA0019	3/4	270	260
BA0020	25/32	295	300
BA0021	13/16	295	300
BA0022	7/8	295	300
BA0024	15/16	325	400
BA0025	31/32	325	400
BA0026	1	355	550
BA0027	1.1/16	355	550
BA0029	1.1/8	390	690
BA0030	1.3/16	390	690
BA0032	1.1/4	430	1000
BA0033	1.5/16	430	1000
BA0035	1.3/8	475	1100
BA0037	1.7/16	475	1100
BA0038	1.1/2	475	1100
BA0039	1.9/16	525	1450
BA0041	1.5/8	525	1450
BA0043	1.11/16	575	1900
BA0044	1.3/4	550	1900
BA0051	2	575	2200
BA0056	2.3/16	575	2600
BA0060	2.3/8	575	3150
BA0065	2.9/16	575	4580
BA0067	2.5/8	575	4580
BA0070	2.3/4	575	4580

AA - BA

Combination wrench, sets

Ringmaulschlüssel-Sätze - Clé mixte, set - Llave combinada, set



Part No.	Parts	s mm	g
AA9009	9	6,7,8,10,13,15,17,18,19	1225
AA9011	11	10,13,15,17,18,19,21 22,24,27,30	3355
AA9014	14	10,11,12,13,14,15,16 17,18,19,20,21,22,24	2865

Part No.	Parts	s inch	g
BA9007	7	3/8,7/16,1/2,9/16 5/8,3/4,7/8	1200



AB - BB

DIN 895

Double open end wrench

Doppelmaulschlüssel - Clé à fourche double - Llave de boca doble



Part No.	s1 x s2 mm	l mm	g
AB0607	6x7	95	25
AB0608	6x8	100	30
AB0708	7x8	100	30
AB0709	7x9	110	35
AB0809	8x9	110	35
AB0810	8x10	115	40
AB0910	9x10	115	40
AB0911	9x11	125	50
AB1011	10x11	125	50
AB1012	10x12	125	65
AB1013	10x13	125	65
AB1113	11x13	145	85
AB1114	11x14	145	85
AB1213	12x13	145	85
AB1214	12x14	145	85
AB1314	13x14	145	105
AB1315	13x15	155	105
AB1415	14x15	155	105
AB1416	14x16	155	105
AB1417	14x17	170	130
AB1617	16x17	170	130
AB1618	16x18	170	130
AB1719	17x19	185	165
AB1819	18x19	185	165
AB1820	18x20	185	165
AB1722	17x22	200	240
AB1922	19x22	200	240
AB2022	20x22	200	240
AB1924	19x24	220	300
AB2123	21x23	220	300
AB2223	22x23	220	300
AB2224	22x24	220	300
AB2227	22x27	240	390
AB2326	23x26	240	390
AB2426	24x26	240	390
AB2427	24x27	240	390
AB2528	25x28	260	485
AB2430	24x30	260	485
AB2730	27x30	260	485
AB2732	27x32	285	650
AB3032	30x32	285	650
AB3034	30x34	310	850
AB3036	30x36	310	850
AB3236	32x36	310	850
AB3436	34x36	310	850
AB3641	36x41	340	1150
AB4146	41x46	375	1500
AB4650	46x50	415	1900
AB5055	50x55	455	2500
AB5060	50x60	505	3200
AB5560	55x60	505	3200
AB6570	65x70	555	4600

Part No.	s1 x s2 inch	l mm	
BB0608	1/4x5/16	100	
BB0809	5/16x3/8	115	40
BB0911	3/8x7/16	125	50
BB1113	7/16x1/2	135	65
BB1316	1/2x5/8	155	105
BB1314	1/2x9/16	155	105
BB1416	9/16x5/8	170	130
BB1419	9/16x3/4	185	165
BB1518	19/32x11/16	185	165
BB1520	19/32x25/32	185	165
BB1618	5/8x11/16	185	165
BB1619	5/8x3/4	185	165
BB1820	11/16x25/32	185	165
BB1822	11/16x7/8	200	240
BB1920	3/4x25/32	200	240
BB1921	3/4x13/16	200	240
BB1922	3/4x7/8	200	240
BB2022	25/32x7/8	200	240
BB2122	13/16x7/8	200	240
BB2224	7/8x15/16	220	300
BB2225	7/8x31/32	220	300
BB2226	7/8x1	240	390
BB2227	7/8x1.1/16	240	390
BB2426	15/16x1	240	390
BB2427	15/16x1.1/16	240	390
BB2629	1x1.1/8	260	485
BB2633	1x1.5/16	285	650
BB2732	1.1/16x1.1/4	285	650
BB2933	1.1/8 x 1.5/16	285	650
BB2737	1.1/16 x 1.7/16	310	850
BB2938	1.1/8 x 1.1/2	310	850
BB3235	1.1/4 x 1.3/8	310	850
BB3237	1.1/4 x 1.7/16	310	850
BB3338	1.5/16 x 1.1/2	310	850
BB3241	1.1/4 x 1.5/8	340	1150
BB3538	1.3/8 x 1.1/2	340	1150
BB3741	1.7/16 x 1.5/8	340	1150
BB3843	1.1/2 x 1.11/16	340	1150
BB4146	1.5/8 x 1.13/16	375	1500
BB4144	1.5/8 x 1.3/4	375	1900
BB4348	1.11/16 x 1.7/8	375	1900
BB4651	1.13/16 x 2	415	1900
BB4452	1.3/4 x 2.1/16	415	2500
BB5156	2 x 2.3/16	455	2500
BB5660	2.3/16 x 2.3/8	505	3200

AB

Double open end wrench, sets

Doppelmaulschlüssel-Sätze - Clé à fourche double, set - Llave de boca doble, set



Part No.	Parts	s1 x s2 mm	g
AB9008	8	6x7,8x9,10x11,12x13,14x15 16x17,18x20,19x22	835
AB9012	12	6x7,8x9,10x11,12x13,14x15 16x17,18x19,20x22,21x23,24x26 27x32,30x34	2865



AC - BC

DIN 897

Double end box wrench offset

Doppelringschlüssel gekröpft - Clé polygonale double contre-coudée
Llave doble estrella acodada



Part No.	s1 x s2 mm	l mm	g
AC0607	6x7	155	40
AC0709	7x9	155	40
AC0809	8x9	155	40
AC0810	8x10	170	77
AC0911	9x11	170	77
AC1011	10x11	170	77
AC1012	10x12	180	105
AC1013	10x13	180	105
AC1112	11x12	180	105
AC1213	12x13	180	105
AC1014	10x14	200	130
AC1114	11x14	200	130
AC1214	12x14	200	130
AC1315	13x15	220	180
AC1415	14x15	220	180
AC1417	14x17	230	200
AC1617	16x17	260	255
AC1618	16x18	260	255
AC1719	17x19	280	300
AC1819	18x19	280	300
AC1722	17x22	330	420
AC1922	19x22	330	420
AC1924	19x24	360	560
AC2022	20x22	330	420
AC2123	21x23	360	560
AC2224	22x24	360	560
AC2426	24x26	400	660
AC2427	24x27	400	660
AC2528	25x28	400	660
AC2430	24x30	410	820
AC2730	27x30	410	820
AC2732	27x32	410	820
AC3032	30x32	430	960
AC3034	30x34	480	1350
AC3036	30x36	480	1350
AC3236	32x36	480	1350
AC3436	34x36	480	1350
AC3641	36x41	510	1750
AC4146	41x46	580	2550
AC4650	46x50	630	3300
AC5055	50x55	690	4250
AC5060	50x60	740	5300
AC5560	55x60	740	5300
AC6570	65x70	800	7600
AC7075	70x75	830	9400

Part No.	s1 x s2 inch	l mm	g
BC0608	1/4x5/16	155	40
BC0809	5/16x3/8	155	40
BC0911	3/8x7/16	170	77
BC1113	7/16x1/2	180	105
BC1314	1/2x9/16	220	130
BC1315	1/2x19/32	220	130
BC1416	9/16x5/8	220	180
BC1619	5/8x3/4	260	255
BC1820	11/16x25/32	280	300
BC1922	3/4x7/8	330	420
BC2122	13/16x7/8	330	420
BC2426	15/16x1	400	660
BC2427	15/16x1 1/16	400	660
BC2629	1x1.1/8	410	820
BC2729	1.1/16x1.1/8	410	820
BC2732	1.1/16x1.1/4	410	820
BC2933	1.1/8x1.5/16	430	960
BC2938	1.1/8x1.1/2	480	1350
BC3237	1.1/4x1.7/16	480	1350
BC3741	1.7/16x1.5/8	510	1750
BC4146	1.5/8x1.13/16	580	2550
BC4651	1.13/16x2	630	3300
BC5156	2x2.3/16	690	4250
BC5160	2x2.3/8	740	5300
BC5660	2.3/16x2.3/8	740	5300
BC6570	2.9/16x2.3/4	800	7600
BC7075	2.3/4x2.15/16	830	9400

AC

Double end box wrench offset, sets

Doppelringschlüssel-Sätze, gekröpft
Clé polygonale double droite contre-coudée, set
Llave doble estrella acodada, set



Part No.	Parts	s1 x s2 mm	g
AC9008	8	6x7,8x9,10x11,12x13,14x15 16x17,18x20,19x22	1420
AC9012	12	6x7,8x9,10x11,12x13,14x15 16x17,18x19,20x22,21x23,24x26 27x32,30x34	4810

AD - BD

DIN 837

Double end box wrench flat

Doppelringschlüssel gerade - Clé polygonale double droite
Llave doble de estrella plana



Part No.	s1 x s2 mm	l mm	g
AD0607	6x7	100	15
AD0810	8x10	125	30
AD0911	9x11	133	45
AD1214	12x14	155	60
AD1315	13x15	170	90
AD1417	14x17	170	90
AD1618	16x18	190	125
AD1719	17x19	190	125
AD1922	19x22	215	195
AD2123	21x23	235	215
AD2427	24x27	270	280
AD2628	26x28	295	370
AD3032	30x32	330	450
AD3036	30x36	360	715
AD3236	32x36	360	715
AD3641	36x41	400	800

Part No.	s1 x s2 inch	l mm	g
BD0608	1/4x5/16	100	15
BD0809	5/16x3/8	125	30
BD0910	3/8x7/16	133	45
BD1114	7/16x9/16	155	60
BD1315	1/2x19/32	170	90
BD1316	1/2x5/8	170	90
BD1418	9/16x11/16	170	125
BD1620	5/8x25/32	190	125
BD1821	11/16x13/16	215	195
BD1922	3/4x7/8	215	195
BD2124	13/16x15/16	235	215
BD2427	15/16x1.1/16	270	280
BD2629	1x1.1/8	295	370
BD2933	1.1/8x1.5/16	330	450
BD3032	1.3/16x1.1/4	330	450
BD3235	1.1/4x1.3/8	360	715
BD3337	1.5/16x1.7/16	360	715
BD3840	1.1/2x1.5/8	400	800

AE - BE

DIN 894

Single open end wrench

Einfachmaulschlüssel - Clé à fourche simple - Llave de boca sencilla



Part No.	s mm	l mm	g
AE0008	8	100	28
AE0009	9	110	30
AE0010	10	115	35
AE0011	11	125	45
AE0012	12	135	55
AE0013	13	145	70
AE0014	14	145	70
AE0015	15	155	90
AE0016	16	155	90
AE0017	17	170	115
AE0018	18	170	115
AE0019	19	185	155
AE0020	20	185	155
AE0021	21	200	180
AE0022	22	200	180
AE0023	23	220	250
AE0024	24	220	250
AE0025	25	240	350
AE0026	26	240	350
AE0027	27	240	350
AE0028	28	260	420
AE0029	29	260	420
AE0030	30	260	420
AE0032	32	285	550
AE0033	33	285	550
AE0034	34	285	550
AE0035	35	310	710
AE0036	36	310	710
AE0037	37	310	710
AE0038	38	310	710
AE0041	41	340	980
AE0042	42	340	980
AE0046	46	375	1160
AE0047	47	375	1160
AE0050	50	415	1660
AE0052	52	415	1660
AE0054	54	455	2210
AE0055	55	455	2210
AE0056	56	455	2210
AE0058	58	505	2940
AE0060	60	505	2940
AE0063	63	505	2940
AE0065	65	555	4000
AE0067	67	555	4000
AE0070	70	555	4000
AE0071	71	555	4000
AE0075	75	615	4800
AE0077	77	615	4800
AE0080	80	615	4800
AE0082	82	690	6250
AE0085	85	690	6250
AE0088	88	690	6250
AE0090	90	690	6250
AE0094	94	770	8300
AE0095	95	770	8300
AE0100	100	770	8300



Part No.	s inch	l mm	g
BE0008	5/16	100	28
BE0009	3/8	115	35
BE0010	13/32	115	35
BE0011	7/16	125	45
BE0013	1/2	145	70
BE0014	9/16	145	70
BE0015	19/32	155	90
BE0016	5/8	155	90
BE0018	11/16	170	115
BE0019	3/4	185	155
BE0020	25/32	185	155
BE0021	13/16	200	180
BE0022	7/8	200	180
BE0024	15/16	220	250
BE0025	31/32	220	250
BE0026	1	240	350
BE0027	1.1/16	240	350
BE0029	1.1/8	260	420
BE0030	1.3/16	260	420
BE0032	1.1/4	285	550
BE0033	1.5/16	285	550
BE0035	1.3/8	310	710
BE0037	1.7/16	310	710
BE0038	1.1/2	310	710
BE0039	1.9/16	340	980
BE0041	1.5/8	340	980
BE0043	1.11/16	375	1160
BE0044	1.3/4	375	1160
BE0046	1.13/16	375	1160
BE0048	1.7/8	415	1660
BE0051	2	415	1660
BE0052	2.1/16	455	2210
BE0054	2.1/8	455	2210
BE0056	2.3/16	455	2210
BE0057	2.1/4	455	2210
BE0059	2.5/16	505	2940
BE0060	2.3/8	505	2940
BE0062	2.7/16	505	2940
BE0064	2.1/2	555	4000
BE0065	2.9/16	555	4000
BE0067	2.5/8	555	4000
BE0070	2.3/4	555	4000
BE0071	2.13/16	555	4000
BE0075	2.15/16	615	4800
BE0076	3	615	4800
BE0079	3.1/8	615	4800
BE0083	3.1/4	690	6250
BE0086	3.3/8	690	6250
BE0089	3.1/2	690	6250
BE0092	3.5/8	770	8300
BE0095	3.3/4	770	8300
BE0098	3.7/8	770	8300

AF - BF

DIN 3111

Single end box wrench

Einfachringsschlüssel - Clé fermée - Llave de Cajón sencilla



Part No.	s mm	l mm	g
AF0013	13	138	65
AF0014	14	138	65
AF0015	15	138	65
AF0016	16	155	90
AF0017	17	155	90
AF0018	18	171	125
AF0019	19	171	125
AF0020	20	171	125
AF0021	21	190	160
AF0022	22	190	160
AF0023	23	190	160
AF0024	24	215	250
AF0025	25	215	250
AF0026	26	215	250
AF0027	27	230	280
AF0028	28	230	280
AF0029	29	230	280
AF0030	30	254	370
AF0032	32	265	400
AF0033	33	265	400
AF0034	34	295	610
AF0035	35	295	610
AF0036	36	295	610
AF0037	37	295	610
AF0038	38	295	610
AF0041	41	330	750
AF0042	42	330	750
AF0046	46	365	1050
AF0047	47	365	1050
AF0050	50	400	1400
AF0052	52	400	1400
AF0054	54	400	1400
AF0055	55	442	1700
AF0056	56	442	1700
AF0058	58	442	1700
AF0060	60	475	1900
AF0063	63	475	1900
AF0065	65	510	2300
AF0067	67	510	2300
AF0070	70	555	2900
AF0071	71	555	2900
AF0075	75	590	3050
AF0077	77	590	3050
AF0080	80	620	4700
AF0082	82	620	4700
AF0085	85	665	4900





Part No.	s mm	l mm	g
AF0088	88	665	4900
AF0090	90	700	5800
AF0094	94	700	5800
AF0095	95	700	5800

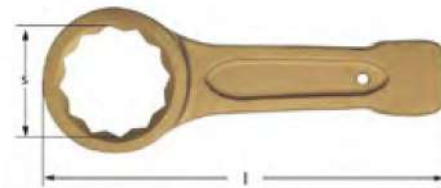
Part No.	s inch	l mm	g
BF0013	1/2	138	65
BF0014	9/16	138	65
BF0015	19/32	138	65
BF0016	5/8	155	90
BF0018	11/16	155	90
BF0019	3/4	171	125
BF0020	25/32	171	125
BF0021	13/16	171	125
BF0022	7/8	190	160
BF0024	15/16	215	250
BF0025	31/32	215	250
BF0026	1	215	250
BF0027	1.1/16	230	280
BF0029	1.1/8	230	280
BF0030	1.3/16	254	370
BF0032	1.1/4	265	400
BF0033	1.5/16	265	400
BF0035	1.3/8	295	610
BF0037	1.7/16	295	610
BF0038	1.1/2	295	610
BF0039	1.9/16	330	750
BF0041	1.5/8	330	750
BF0043	1.11/16	330	750
BF0044	1.3/4	365	1050
BF0046	1.13/16	365	1050
BF0048	1.7/8	365	1050
BF0051	2	400	1400
BF0052	2.1/16	400	1400
BF0054	2.1/8	442	1700
BF0056	2.3/16	442	1700
BF0057	2.1/4	442	1700
BF0059	2.5/16	475	1900
BF0060	2.3/8	475	1900
BF0062	2.7/16	475	1900
BF0064	2.1/2	510	2300
BF0065	2.9/16	510	2300
BF0070	2.3/4	555	2900
BF0075	2.15/16	590	3050
BF0076	3	590	3050
BF0079	3.1/8	620	4700
BF0086	3.3/8	665	4900
BF0089	3.1/2	700	5800
BF0095	3.3/4	700	5800

AH - BH

DIN 7444

Striking box wrench 12 point

Ringschlagschlüssel, 12-Kant - Clé à frapper polygonale, 12 pans
Llave estrella de golpe, 12-puntos



Part No.	s mm	l mm	g
AH0017	17	145	210
AH0019	19	145	210
AH0022	22	170	305
AH0024	24	170	305
AH0025	25	170	305
AH0026	26	180	350
AH0027	27	180	350
AH0028	28	180	350
AH0029	29	180	465
AH0030	30	190	465
AH0032	32	190	465
AH0033	33	190	465
AH0034	34	190	465
AH0035	35	205	575
AH0036	36	205	575
AH0037	37	205	575
AH0038	38	205	575
AH0041	41	230	760
AH0042	42	230	760
AH0046	46	242	1030
AH0047	47	242	1030
AH0050	50	254	1240
AH0052	52	254	1240
AH0054	54	254	1490
AH0055	55	268	1490
AH0056	56	268	1490
AH0058	58	268	1780
AH0060	60	283	1780
AH0063	63	283	1780
AH0065	65	300	2200
AH0067	67	300	2200
AH0070	70	325	3140
AH0071	71	325	3140
AH0075	75	325	3140
AH0077	77	325	3140
AH0080	80	358	4025
AH0082	82	358	4025
AH0085	85	358	4025
AH0088	88	388	5400
AH0090	90	388	5400
AH0094	94	388	5400
AH0095	95	388	5400
AH0100	100	415	7490
AH0105	105	415	7490
AH0110	110	450	8500
AH0115	115	450	8500
AH0120	120	475	12750
AH0125	125	475	12750
AH0130	130	505	17250
AH0135	135	505	17250
AH0145	145	575	21000
AH0150	150	575	21000
AH0155	155	575	21000

Part No.	s inch	l mm	g
BH0019	3/4	145	210
BH0022	7/8	170	305
BH0024	15/16	170	305
BH0026	1	170	305
BH0027	1.1/16	180	350
BH0029	1.1/8	180	350
BH0030	1.3/16	190	465
BH0032	1.1/4	190	465
BH0033	1.5/16	190	465
BH0035	1.3/8	205	575
BH0037	1.7/16	205	575
BH0038	1.1/2	205	575
BH0039	1.9/16	230	760
BH0041	1.5/8	230	760
BH0043	1.11/16	230	760
BH0044	1.3/4	242	1030
BH0046	1.13/16	242	1030
BH0048	1.7/8	242	1030
BH0051	2	254	1240
BH0052	2.1/16	254	1240
BH0054	2.1/8	268	1490
BH0056	2.3/16	268	1490
BH0057	2.1/4	268	1490
BH0059	2.5/16	283	1760
BH0060	2.3/8	283	1760
BH0062	2.7/16	283	1760
BH0064	2.1/2	283	1760
BH0065	2.9/16	300	2200
BH0067	2.5/8	300	2200
BH0070	2.3/4	325	3140
BH0071	2.13/16	325	3140
BH0075	2.15/16	325	3140
BH0076	3	325	3140
BH0079	3.1/8	358	4025
BH0083	3.1/4	358	4025
BH0086	3.3/8	358	4025
BH0089	3.1/2	388	5400
BH0092	3.5/8	388	5400
BH0095	3.3/4	388	5400
BH0098	3.7/8	415	7490
BH0102	4	415	7490
BH0105	4.1/8	415	7490
BH0110	4.5/16	450	8500
BH0116	4.9/16	450	8500
BH0119	4.11/16	475	12570
BH0125	4.15/16	475	12570
BH0130	5.1/8	505	17250
BH0137	5.3/8	505	17250
BH0145	5.11/16	575	21000
BH0152	6	575	21000

AJ - BJ

DIN 133

Striking open end wrench

Maulschlagschlüssel - Clé à frapper à fourche - Llave de golpe



Part No.	s mm	l mm	g
AJ0027	27	180	380
AJ0028	28	180	380
AJ0029	29	180	380
AJ0030	30	190	440
AJ0032	32	190	440
AJ0033	33	190	440
AJ0034	34	190	440
AJ0035	35	215	750
AJ0036	36	215	750
AJ0037	37	215	750
AJ0038	38	215	750
AJ0041	41	235	1150
AJ0042	42	235	1150
AJ0046	46	255	1400
AJ0047	47	255	1400
AJ0050	50	275	1600
AJ0052	52	275	1600
AJ0054	54	300	1800
AJ0055	55	300	1800
AJ0056	56	300	1800
AJ0058	58	320	2500
AJ0060	60	320	2500
AJ0063	63	320	2500
AJ0065	65	340	3700
AJ0067	67	340	3700
AJ0070	70	375	4000
AJ0075	75	375	4000
AJ0080	80	410	6300
AJ0085	85	410	6300
AJ0090	90	445	8000
AJ0095	95	445	8000
AJ0100	100	485	9900
AJ0105	105	485	9900
AJ0110	110	510	19500
AJ0115	115	510	19500
AJ0120	120	545	23000
AJ0125	125	545	23000
AJ0130	130	575	28000
AJ0135	135	575	28000
AJ0145	145	640	38000
AJ0150	150	640	38000
AJ0155	155	640	38000

Part No.	s inch	l mm	g
BJ0027	1.1/16	180	380
BJ0029	1.1/8	180	380
BJ0030	1.3/16	190	440
BJ0032	1.1/4	190	440
BJ0033	1.5/16	190	440
BJ0035	1.3/8	215	750
BJ0037	1.7/16	215	750
BJ0038	1.1/2	215	750
BJ0039	1.9/16	235	1150
BJ0041	1.5/8	235	1150



Part No.	s inch	l mm	g
BJ0043	1.11/16	235	1150
BJ0044	1.3/4	255	1400
BJ0046	1.13/16	255	1400
BJ0048	1.7/8	255	1400
BJ0051	2	275	1600
BJ0052	2.1/16	275	1600
BJ0054	2.1/8	300	1800
BJ0056	2.3/16	300	1800
BJ0057	2.1/4	300	1800
BJ0059	2.5/16	320	2500
BJ0060	2.3/8	320	2500
BJ0062	2.7/16	320	2500
BJ0064	2.1/2	340	3700
BJ0065	2.9/16	340	3700
BJ0067	2.5/8	340	3700
BJ0070	2.3/4	375	4000
BJ0071	2.13/16	375	4000
BJ0075	2.15/16	375	4000
BJ0076	3	375	4000
BJ0079	3.1/8	410	6300
BJ0083	3.1/4	410	6300
BJ0086	3.3/8	410	6300
BJ0089	3.1/2	445	8000
BJ0092	3.5/8	445	8000
BJ0095	3.3/4	445	8000
BJ0098	3.7/8	485	9900
BJ0102	4	485	9900
BJ0105	4.1/8	485	9900
BJ0110	4.5/16	510	19500
BJ0116	4.9/16	510	19500
BJ0119	4.11/16	545	23000
BJ0125	4.15/16	545	23000
BJ0137	5.3/8	575	28000
BJ0152	6	640	38000

Part No.	s mm	l mm	g
AK0047	47	280	1400
AK0050	50	290	1550
AK0052	52	290	1550
AK0054	54	300	1650
AK0055	55	300	1650
AK0056	56	300	1650
AK0058	58	345	2450
AK0060	60	345	2450
AK0063	63	345	2450
AK0065	65	355	2700
AK0067	67	355	2700
AK0070	70	365	2850
AK0071	71	365	2850
AK0075	75	375	3200
AK0077	77	375	3200
AK0080	80	385	3600
AK0082	82	385	3600
AK0085	85	385	3600

AK1700

AK1750

Part No.	s inch	l mm	g	Tube
BK0030	1.3/16	235	800	
BK0032	1.1/4	235	800	
BK0033	1.5/16	235	800	
BK0035	1.3/8	245	850	
BK0037	1.7/16	245	850	AK1600
BK0038	1.1/2	255	950	
BK0039	1.9/16	255	1000	
BK0041	1.5/8	265	1000	
BK0043	1.11/16	265	1000	
BK0044	1.3/4	280	1400	
BK0046	1.13/16	280	1400	
BK0048	1.7/8	290	1550	
BK0051	2	290	1550	
BK0052	2.1/16	290	1550	AK1700
BK0054	2.1/8	300	1650	
BK0056	2.3/16	300	1650	
BK0057	2.1/4	300	1650	
BK0059	2.5/16	345	2450	
BK0060	2.3/8	345	2450	
BK0062	2.7/16	345	2450	
BK0064	2.1/2	355	2700	
BK0065	2.9/16	355	2700	
BK0067	2.5/8	355	2700	
BK0070	2.3/4	365	2850	
BK0071	2.13/16	365	2850	AK1750
BK0075	2.15/16	375	3200	
BK0076	3	375	3200	
BK0079	3.1/8	385	3600	
BK0083	3.1/4	385	3600	
BK0086	3.3/8	385	3600	

AK - BK

Single end box wrench for extension tube

Ringzugschlüssel - Clé polygonale à traction
Llave estrella de extensión



Part No.	s mm	l mm	g	Tube
AK0024	30	235	800	
AK0027	30	235	800	
AK0030	30	235	800	
AK0032	32	235	800	
AK0033	33	235	800	
AK0034	34	235	800	
AK0035	35	245	850	
AK0036	36	245	850	AK1600
AK0037	37	245	850	
AK0038	38	255	950	
AK0041	41	265	1000	
AK0042	42	265	1000	
AK0046	46	280	1400	AK1700



AK

Extention tube

Aufsteckrohr für Ringzugschlüssel - Tube levier pour clé polygonale
Extensión para llave estrella



Part No.	OD/ID	l mm	g
AK1600	30/22	600	800
AK1700	35/25	700	1450
AK1750	40/30	750	2250

Part No.	s inch	l mm	g
BM0027	1.1/16	370	
BM0029	1.1/8	400	950
BM0030	1.3/16	400	950
BM0032	1.1/4	400	950
BM0033	1.5/16	400	950
BM0035	1.3/8	430	1400
BM0037	1.7/16	430	1400
BM0038	1.1/2	430	1400
BM0039	1.9/16	470	1900
BM0041	1.5/8	470	1900
BM0043	1.11/16	470	1900
BM0044	1.3/4	500	2700
BM0046	1.13/16	500	2700
BM0048	1.7/8	500	2700
BM0051	2	530	3550

AM - BM

Construction open end wrench with pin

Montageschlüssel mit Dorn - Clé à fourche avec pointe
Llave de construcción con perno



Part No.	s mm	l mm	g
AM0017	17	320	270
AM0018	18	320	270
AM0019	19	350	465
AM0020	20	350	465
AM0021	21	350	465
AM0022	22	350	465
AM0023	23	370	650
AM0024	24	370	650
AM0025	25	370	650
AM0026	26	370	650
AM0027	27	370	650
AM0028	28	400	950
AM0029	29	400	950
AM0030	30	400	950
AM0032	32	400	950
AM0033	33	400	950
AM0034	34	400	950
AM0035	35	430	1400
AM0036	36	430	1400
AM0037	37	430	1400
AM0038	38	430	1400
AM0041	41	470	1900
AM0042	42	470	1900
AM0046	46	500	2700
AM0047	47	500	2700
AM0050	50	500	3550

Part No.	s inch	l mm	g
BM0018	11/16	320	270
BM0019	3/4	350	465
BM0020	25/32	350	465
BM0021	13/16	350	465
BM0022	7/8	350	465
BM0024	15/16	370	650
BM0025	31/32	370	650
BM0026	1	370	650

AN - BN

Construction box wrench offset with pin

Montageringschlüssel gekröpft - Clé fermée à broche, coudée
Llave de construcción, acodada con perno



Part No.	s mm	l mm	g
AN0017	17	320	295
AN0018	18	320	295
AN0019	19	350	510
AN0020	20	350	510
AN0021	21	350	510
AN0022	22	350	510
AN0023	23	370	715
AN0024	24	370	715
AN0025	25	370	715
AN0026	26	370	715
AN0027	27	370	715
AN0028	28	400	1145
AN0029	29	400	1145
AN0030	30	400	1145
AN0032	32	400	1145
AN0033	33	400	1145
AN0034	34	400	1145
AN0035	35	430	1540
AN0036	36	430	1540
AN0037	37	430	1540
AN0038	38	430	1540
AN0041	41	470	2090
AN0042	42	470	2090
AN0046	46	500	2970
AN0047	47	500	2970
AN0050	50	530	3900

Part No.	s inch	l mm	g
BN0018	11/16	320	295
BN0019	3/4	350	510
BN0020	25/32	350	510
BN0021	13/16	350	510
BN0022	7/8	350	510



Part No.	s inch	l mm	g
BN0024	15/16	370	715
BN0025	31/32	370	715
BN0026	1	370	715
BN0027	1.1/16	370	715
BN0029	1.1/8	400	1145
BN0030	1.3/16	400	1145
BN0032	1.1/4	400	1145
BN0033	1.5/16	400	1145
BN0035	1.3/8	430	1540
BN0037	1.7/16	430	1540
BN0038	1.1/2	430	1540
BN0039	1.9/16	470	2090
BN0041	1.5/8	470	2090
BN0043	1.11/16	470	2090
BN0044	1.3/4	500	2970
BN0046	1.13/4	500	2970
BN0048	1.7/8	500	2970
BN0051	2	530	3900

Part No.	s inch	l mm	g
BP0021	13/16	320	450
BP0022	7/8	320	450
BP0024	15/16	348	600
BP0025	31/32	348	600
BP0026	1	380	850
BP0027	1.1/16	380	850
BP0029	1.1/8	416	1050
BP0030	1.3/16	416	1050
BP0032	1.1/4	416	1050
BP0033	1.5/16	416	1050
BP0035	1.3/8	497	1700
BP0037	1.7/16	497	1700
BP0038	1.1/2	497	1700
BP0039	1.9/16	546	2350
BP0041	1.5/8	546	2350
BP0043	1.11/16	600	2800
BP0044	1.3/4	600	2800
BP0046	1.13/16	600	2800
BP0048	1.7/8	662	4000
BP0051	2	663	4000
BP0052	2.1/16	662	4000
BP0054	2.1/8	730	5300
BP0056	2.3/16	730	5300
BP0057	2.1/4	805	6850
BP0059	2.5/16	805	6850

AP - BP

Long handle open end wrench

Maulzugschlüssel - Clé à fourche à manche long
Llave de Boca de mango largo



Part No.	s mm	l mm	g
AP0022	22	320	450
AP0023	23	320	450
AP0024	24	348	600
AP0025	25	348	600
AP0026	26	380	850
AP0027	27	380	850
AP0028	28	416	1050
AP0029	29	416	1050
AP0030	30	416	1050
AP0032	32	453	1350
AP0033	33	453	1350
AP0034	34	453	1350
AP0035	35	497	1700
AP0036	36	497	1700
AP0037	37	497	1700
AP0038	38	497	1700
AP0041	41	546	2350
AP0042	42	546	2350
AP0046	46	600	2800
AP0047	47	600	2800
AP0050	50	662	4000
AP0052	52	662	4000
AP0054	54	662	4000
AP0055	55	730	5300
AP0056	56	730	5300
AP0058	58	805	6850
AP0060	60	805	6850

AT

Adjustable end wrench

Rollgabelschlüssel - Clé à molette - Llave ajustable



Part No.	l inch	l mm	s max mm	g
AT0150	6	150	19	120
AT0200	8	200	24	260
AT0250	10	250	30	400
AT0300	12	300	36	650
AT0380	15	380	45	1300
AT0460	18	450	55	2050
AT0600	24	600	60	4300

AU

Monkey (railroad) wrench

Verstellbarer Schraubenschlüssel - Clé anglaise (chemin de fer)
Llave Inglesa (Ferrocarriil)



Part No.	s max mm	s max inch	l mm	g
AU200	40	1.1/2	200	680
AU245	50	2	245	1005
AU290	60	2.3/8	290	1595
AU360	70	2.3/4	360	2415
AU415	80	3.1/8	415	3800
AU480	105	4	480	5080