



In professional hands
since 1886.





Aerospace Tools Catalogue



Bahco aerospace tools. Safety that gives your service the edge.



Tough demands deserve the best solutions. Therefore, when major airlines choose aerospace working tools from Bahco they choose them for their precision and reliability. You don't get second chance when you are tens of thousands feet above ground.

Our reputation for exacting precision and quality ensures tools that have been exhaustively tested to meet the tough quality requirements of the aerospace industry. Your service tools may never have to sustain launch, orbit and re-entry, but they will have to survive the tough tests of precision, cost-efficiency and long-term reliability.

Achieving this may appear a difficult task for some. To us it is a way of life. Ask any user what Bahco quality means to their operations. Tools that are always up to specification and that provide value for money.



Contents

Mechanics Tool Box	4
Spanners and wrenches	7
Sockets, socket sets and accessories	24
Torque tools	61
Impact tools and bits	67
Screwdrivers	79
Pliers	95
Tweezers	111
Engineering files	113
Hand hacksaw blades and frames	117
Electronics and fine mechanical tools	120
Extractors, pry bars and punches	126
Scrapers, chisels and hammers	132
Tool storage	136
Notes	140

Bahco Aviation Mechanics Tool Box.



We have developed a system for tailor made mechanics tool boxes. The upgraded standard tool box with two colour inlays (for safety reasons) is for service and repair in the aircraft hangar. We have now equipped the box with our tools including Ergo tools for airlines and airports.



Mechanics Tool Box.
Art. No. 3126N-LHFR

Each tool has its own place with a distinct colour mark, – which makes a missing tool easy to detect.

Tough demands deserve the best solutions. So when major airlines choose Bahco aerospace working tools they choose them for their precision and reliability. You don't get second chances when you are tens of thousands of feet above ground.

Our reputation for exacting precision and quality ensures tools that have been exhaustively tested to meet the tough quality requirements of the aerospace industry. Your service tools may never have to sustain launch, orbit and reentry. But they will have to survive the even tougher tests of precision, cost-efficiency and long-term dependability.

Achieving all this may seem a hard task for some. To us it is a fact of life. Ask any user what Bahco quality means to their operations. Tools that are always up to specifications and for which we have always proven the ultimate value of their purchase decision.





A range of Bahco spanners to suit demanding applications.



To accommodate the safety and precision demands of aerospace applications, the Bahco spanners are designed and manufactured to suit the workplace. They have thin, flat heads with narrow tolerances, an optimized shape and are comfortable to hold. Their shape – thin heads for hard-to-reach spaces, rounded shafts and contoured heads – allow higher loads and ensure comfortable, non-slip handling. Made of Vanadium Extra steel and with smooth, polished chrome-plated surfaces, they provide a long life and are easy to clean.

6M Double open-end spanner, Metric

DIN 3110/ISO 1085.

Finish: Nickel and chrome-plated, fine-polished.

Sizes 41-46 mm and 46-50 mm nickel and chrome-plated.

Material: VANADIUM-EXTRA. Angle 15°.

Model with extremely flat heads.



Product code	EAN 731415+			L mm	a mm	b1 mm	b2 mm	
6M-4-5	1832018	10	4x5	100	3.1	13.5	15.5	14
6M-4.5-5.5	1832025	10	4.5x5.5	100	3.1	13.5	15.5	15
6M-5-5.5	1832032	10	5x5.5	100	3.1	13.5	15.5	15
6M-5.5-7	1832049	10	5.5x7	122	3.4	16.5	18.5	20
6M-6-7	1832056	10	6x7	122	3.4	16.5	18.5	21
6M-7-8	1832063	10	7x8	130	3.4	17.5	20.5	21
6M-8-9	1832070	10	8x9	140	3.7	21.0	22.5	31
6M-8-10	1832087	10	8x10	145	3.7	21.0	24.5	34
6M-10-11	1832094	10	10x11	157	4.0	24.0	28.0	46
6M-10-12	1832100	10	10x12	157	4.0	24.0	28.0	46
6M-10-13	1832117	10	10x13	172	4.5	26.0	31.5	67
6M-12-13	1832131	10	12x13	172	4.5	28.5	31.5	59
6M-12-14	1832148	10	12x14	172	4.5	28.5	32.0	67
6M-13-14	1832155	10	13x14	180	4.5	31.0	32.0	65
6M-13-15	1832162	10	13x15	190	4.8	31.0	35.0	87
6M-13-16	1832179	10	13x16	190	5.0	33.5	36.5	95
6M-13-17	1832186	10	13x17	205	5.5	32.5	39.0	100
6M-14-15	1832193	10	14x15	190	4.8	32.5	35.0	83
6M-14-17	1832209	10	14x17	205	5.5	32.5	39.0	110
6M-16-17	1832216	10	16x17	205	5.5	36.5	39.0	125
6M-16-18	1832223	10	16x18	205	5.8	36.5	41.0	112
6M-17-19	1832230	10	17x19	222	5.8	40.5	43.0	152
6M-18-19	1832247	10	18x19	222	5.8	41.0	43.0	159
6M-18-21	1832254	10	18x21	236	6.3	41.0	46.5	193
6M-19-22	1832261	10	19x22	236	6.3	45.0	51.5	195
6M-19-24	1832278	10	19x24	250	6.8	45.0	51.5	240
6M-20-22	1832285	10	20x22	236	6.3	45.0	48.5	198
6M-21-23	1832292	10	21x23	245	6.8	46.5	50.5	230
6M-21-24	1838072	10	21x24	250	7.4	47.5	54.0	250
6M-22-24	1832308	10	22x24	266	7.4	48.5	53.0	270
6M-24-26	1832315	10	24x26	266	7.4	53.0	56.0	280
6M-24-27	1832322	10	24x27	275	8.0	55.0	58.0	360
6M-24-30	1832339	5	24x30	280	8.0	53.0	64.0	360
6M-25-28	1832353	5	25x28	280	8.0	55.0	59.0	340
6M-27-30	1832360	5	27x30	300	8.6	58.0	61.5	430
6M-27-32	1832377	5	27x32	300	8.6	58.0	65.0	420
6M-30-32	1832384	5	30x32	300	8.6	64.0	68.5	440
6M-30-34	1838089	5	30x34	330	9.5	64.0	73.0	600
6M-30-36	1832407	5	30x36	330	10.0	64.0	73.0	700
6M-32-36	1832414	5	32x36	345	10.0	68.5	74.5	740
6M-34-36	1832421	1	34x36	345	10.0	69.0	72.0	725
6M-36-41	1832438	1	36x41	395	11.8	77.5	85.5	1020
6M-38-42	1832445	1	38x42	395	11.8	75.0	83.0	1030
6M-41-46	1832452	1	41x46	400	13.3	85.0	94.0	1120
6M-46-50	1832469	1	46x50	446	14.2	94.0	100.5	1610

6M/6Z-Set Double open-end spanner, Metric or Inch

DIN 3110/ISO 1085.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

Angle 15°. Model with extremely flat heads. In plastic clip.

6M/S8 in attractive sales cardboard box. **6M/SH6** and **6M/SH12** on detachable spanner rack, with locking device.

Product code	EAN 731415+				L mm / inch	
6M/8T	1832476	1	8	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22		735
6M/10T	1832490	1	10	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 30x32		1570
6M/12T	1832506	1	12	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32		2070
6Z/8T	1832704	1	8	1/4x5/16 5/16x11/32 3/8x7/16 1/2x9/16 19/32x11/16 5/8x3/4 13/16x7/8 15/16x1		1005
6M/SH 6	3013262	1	6	8x9 10x11 12x13 14x15 16x17 18x19		553
6M/SH1	3013439	1	12	6x7 8x9 10x11 12x13 13x17 14x15 16x17 18x19 19x22 20x22 21x23 24x27		1704

6Z Double open-end spanner, Inch

DIN 3110/ISO 1085.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

Angle 15°. Model with extremely flat heads.



Product code	EAN 731415+			L mm	a mm	b1 mm	b2 mm	
6Z-1/4-5/16	1832520	5	1/4x5/16	130	3.4	17.0	20.0	21
6Z-5/16-11/32	1832537	5	5/16x11/32	140	3.7	21.0	24.5	33
6Z-3/8-7/16	1832544	5	3/8x7/16	157	4.0	24.0	28.0	46
6Z-7/16-1/2	1832551	5	7/16x1/2	172	4.3	27.5	31.5	66
6Z-1/2-9/16	1832568	5	1/2x9/16	180	4.5	30.0	34.0	82
6Z-9/16-5/8	1832575	5	9/16x5/8	190	5.0	31.0	35.0	88
6Z-19/32-11/16	1832582	5	19/32x11/16	205	5.3	34.0	39.0	113
6Z-5/8-3/4	1832605	5	5/8x3/4	205	5.8	39.0	43.0	156
6Z-11/16-3/4	1832612	5	11/16x3/4	222	5.8	39.0	43.0	147
6Z-3/4-7/8	1832629	5	3/4x7/8	236	6.3	42.0	48.0	190
6Z-25/32-13/16	1832636	5	25/32x13/16	236	6.3	45.5	50.0	230
6Z-13/16-7/8	1832643	5	13/16x7/8	245	6.8	45.0	50.0	235
6Z-7/8-15/16	1832650	5	7/8x15/16	266	7.4	51.5	55.0	305
6Z-15/16-1	1832667	5	15/16x1	266	7.4	52.0	55.0	280
6Z-1-1-1/8	1832674	1	1x1 1/8	280	8.0	54.0	59.0	340
6Z-1-1/16-1-1/4	1832681	1	1 1/16x1 1/4	300	8.6	58.0	65.0	430
6Z-1-1/4-1-3/8	1832698	1	1 1/4x1 3/8	345	10.0	67.0	72.0	720

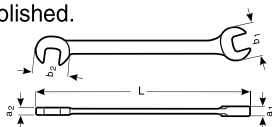
1931M Liliput double open-end spanner, Metric

Finish: Nickel and chrome-plated, polished.

Material: VANADIUM-EXTRA.

Angles 82.5° and 15°.

With equal openings at both ends.



Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	
1931M-4	1049171	5	4	80	2.5	12.5	10
1931M-4.5	1049188	5	4.5	80	2.5	12.5	9
1931M-5	1049195	5	5	80	2.5	12.5	9
1931M-5.5	1049201	5	5.5	80	2.5	12.5	9
1931M-6	1049218	5	6	80	2.5	12.5	9
1931M-7	1049225	5	7	90	3.5	15.0	11
1931M-8	1049232	5	8	90	3.5	15.0	11
1931M-9	1049249	5	9	105	4.0	19.0	19
1931M-10	1049256	5	10	105	4.0	19.0	19
1931M-11	1049263	5	11	120	4.0	25.0	35
1931M-12	1049270	5	12	120	4.0	25.0	36
1931M-13	1049287	5	13	120	4.0	25.0	32
1931M-14	1049294	5	14	130	5.0	28.0	39
1931M-17	1049324	5	17	160	5.5	36.0	74

1931M/1931-Z-Set Liliput double open-end spanner, Metric or Inch

DIN 3110/ISO 1085.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Angle 15°. Model with extremely flat heads.



Product code	EAN 731415+			mm / inch	
1931M/10T	1049409	1	10	4 4.5 5 5.5 6 7 8 9 10 11	275
1931Z/12T	0107674	1	12	5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2 9/16 5/8	275

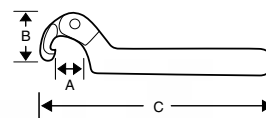
4106 Hook spanner, adjustable

Adjustable hook spanner for collars, rings and bearings.

Single jaw and roll pin construction with an industrial finish.

Finish: Matt chrome-plated.

Material: CHROME-VANADIUM.



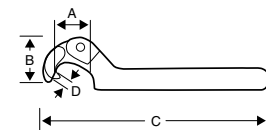
Prod code	EAN		a mm	b mm	c mm	d mm	
4106-19-50	3011886	10	19-50	3.2	158	130	
4106-32-75	3011893	10	32-75	4.0	203	220	
4106-50-120	3011909	10	50-120	4.8	283	430	
4106-115-165	3011916	10	115-165	6.2	303	480	

40B Pin spanners, adjustable

Adjustable pin spanner to remove rings, collars and lock nuts.

Finish: Matt chrome-plated.

Material: CHROME-VANADIUM.



Product code	EAN 731415+		a mm	b mm	c mm	d mm	
40B-19-50	3011848	10	19-50	3.2	158	3.2	130
40B-32-75	3011855	10	32-75	4.8	203	4.8	230
40B-50-120	3011862	10	50-120	6.4	285	6.4	435

NH10-19 Magnetic nut holder

Flexible stainless steel body with pivoting magnetic head clips onto open end and ring spanners. For nuts 3/8" up to 3/4" and 10 to 19 mm.



Product code	EAN 731415+		L mm	
NH10-19	3010742	1	75	5

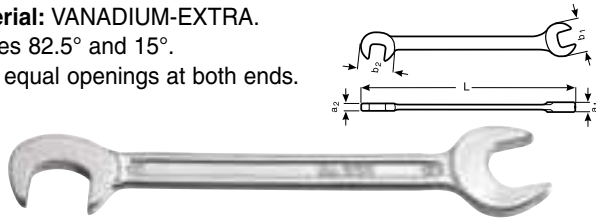
1931Z Liliput double open-end spanner, Inch

Finish: Nickel and chrome-plated, polished.

Material: VANADIUM-EXTRA.

Angles 82.5° and 15°.

With equal openings at both ends.



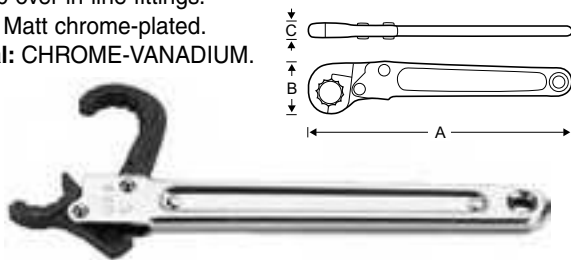
Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	
1931Z-5/32	1049669	5	5/32	80	2.5	12.5	10
1931Z-3/16	1049676	5	3/16	80	2.5	12.5	9
1931Z-7/32	1049690	5	7/32	80	2.5	12.5	8
1931Z-1/4	1049713	5	1/4	80	2.5	12.5	8
1931Z-9/32	1049720	5	9/32	90	3.5	15.0	11
1931Z-5/16	1049737	5	5/16	90	3.5	15.0	11
1931Z-11/32	1049744	5	11/32	105	4.0	19.0	21
1931Z-3/8	1049751	5	3/8	105	4.0	19.0	19
1931Z-7/16	1049768	5	7/16	120	4.0	25.0	35
1931Z-1/2	1049775	5	1/2	120	4.0	25.0	35
1931Z-9/16	1049782	5	9/16	130	5.0	28.0	40
1931Z-5/8	1049799	5	5/8	130	5.0	30.0	47

1322M Quick open spanner

Quick open spanners with ratchet-type action for tube fitting applications such as hydraulic, pneumatic, refrigeration and other fasteners using standard hexagon fittings. Jaws open up to clamp over in-line fittings.

Finish: Matt chrome-plated.

Material: CHROME-VANADIUM.



Product code	EAN 731415+			a mm	b mm	c mm	
1322M-8	3011923	1	8	135	26	7	76
1322M-9	3011930	1	9	135	26	7	76
1322M-10	3011947	1	10	135	26	7	76
1322M-11	3011954	1	11	135	26	7	76
1322M-12	8276737	1	15	135	26	7	76
1322M-13	8276744	1	13	135	34	7	134
1322M-14	8276751	1	14	185	34	10	145
1322M-15	8276768	1	15	185	34	10	141
1322M-16	8276775	1	16	185	34	10	140
1322M-17	8276782	1	17	185	34	10	137
1322M-18	8276799	1	18	185	34	10	136
1322M-19	8276805	1	19	185	34	10	130
1322M-21	8276812	1	21	235	42	12	249
1322M-22	8276829	1	22	235	42	12	243
1322M-23	8276836	1	23	235	42	12	242
1322M-24	8276843	1	24	235	42	12	242

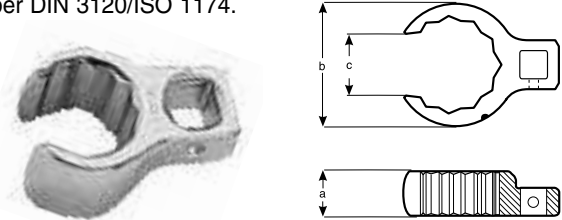
1950M Open-ring spanner, Metric

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Crowfoot spanner, flare nut.

As per DIN 3120/ISO 1174.



Product code	EAN 731415+				a mm	b mm	c mm	
1950M-10	1055738	1	10	1/4	13.5	18.2	7.1	16
1950M-12	1314941	1	12	1/4	14.0	20.6	9.0	20
1950M-13	1055752	1	13	1/4	14.0	22.2	10.0	20
1950M-14	1055769	1	14	1/4	14.0	22.2	11.0	20
1950M-17	1055783	1	17	3/8	17.5	27.3	14.0	40
1950M-19	1055790	1	19	3/8	18.5	29.0	15.8	40
1950M-21	1055806	1	21	3/8	18.5	31.3	16.2	45
1950M-22	1055813	1	22	3/8	19.0	33.5	17.0	57
1950M-24	1055820	1	24	3/8	19.5	35.7	18.0	57
1950M-26	1314996	1	26	3/8	20.0	37.7	19.0	63
1950M-27	1055844	1	27	3/8	21.4	40.0	20.0	92
1950M-30	1055868	1	30	1/2	22.5	48.0	22.0	155
1950M-32	1055875	1	32	1/2	22.5	48.0	24.0	137
1950M-36	1055905	1	36	1/2	24.0	52.0	27.0	107
1950M-41	1055936	1	41	1/2	24.5	58.0	31.0	169
1950M-46	1055967	1	46	1/2	26.0	64.2	34.0	229

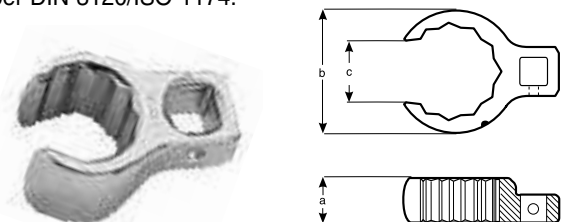
1950Z Open-ring spanner, Inch

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Crowfoot spanner, flare nut.

As per DIN 3120/ISO 1174.



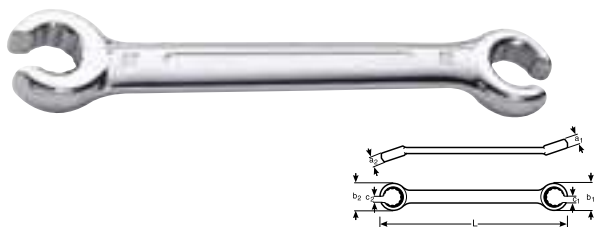
Product code	EAN 731415+				a mm	b mm	c mm	
1950Z-3/8	1803803	1	3/8	1/4	12.0	15.5	7.5	13
1950Z-7/16	1056032	1	7/16	1/4	12.5	17.5	8.5	16
1950Z-1/2	1056049	1	1/2	1/4	13.0	21.0	10.0	17
1950Z-9/16	1056056	1	9/16	1/4	13.0	22.0	11.0	21
1950Z-5/8	1056063	1	5/8	3/8	17.5	25.0	12.5	36
1950Z-11/16	1056070	1	11/16	3/8	17.5	25.0	12.5	32
1950Z-3/4	1056087	1	3/4	3/8	18.5	29.0	15.0	49
1950Z-13/16	1056094	1	13/16	3/8	18.5	31.5	16.0	48
1950Z-7/8	1056100	1	7/8	3/8	19.5	35.0	18.0	62
1950Z-15/16	1056117	1	15/16	3/8	19.5	36.0	18.0	65
1950Z-1	1056124	1	1	3/8	20.5	37.5	19.5	82




1949M Flare-nut spanner double end, offset, Metric 

Finish: Nickel and chrome-plated, fine-polished ends.

Material: VANADIUM-EXTRA.

Angle 15°, offset.



Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	c1xc2 mm	
1949M-8-9	1304539	1	8x9	140	7.0x8.0	18.0x20.0	6.0x6.5	50
1949M-10-11	1055394	1	10x11	150	8.5x9.0	20.0x22.0	7.0x8.5	70
1949M-10-12	1055400	1	10x12	150	8.5x9.0	20.0x22.0	7.0x9.0	70
1949M-12-13	1055417	1	12x13	170	9.5x11.0	24.0x28.0	9.0x10.0	95
1949M-12-14	1055424	1	12x14	170	9.5x11.0	24.0x28.0	9.0x11.0	95
1949M-14-15	1304546	1	14x15	170	10.5x11.0	26.0x28.0	11.0x12.0	100
1949M-14-17	1055448	1	14x17	200	11.0x12.0	28.0x30.0	11.0x14.0	135
1949M-17-19	1055455	1	17x19	210	12.5x13.5	31.5x34.5	14.0x15.0	145
1949M-19-22	1055462	1	19x22	220	13.5x15.5	34.0x40.0	15.0x17.0	215
1949M-22-24	1304553	1	22x24	235	15.5x16.5	38.0x42.0	17.0x18.0	260
1949M-24-27	1055479	1	24x27	255	16.5x17.5	44.5x47.5	18.0x20.0	335
1949M-30-32	1304577	1	30x32	280	20.5x22.5	50.0x52.0	22.0x24.0	440

2M Double ended ring spanner, deep offset, Metric 

DIN 838/ISO 1085.

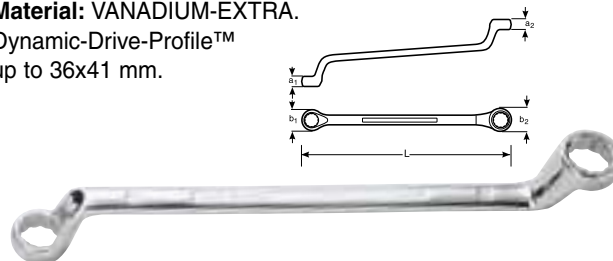
Finish: Nickel and chrome-plated, fine-polished.




Sizes 41-46 mm and 46-50 mm nickel and chrome-plated.

Material: VANADIUM-EXTRA.

Dynamic-Drive-Profile™

up to 36x41 mm.



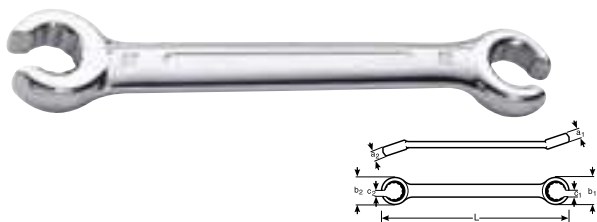
Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	
2M-6-7	1001209	5	6x7	168	5.4x5.9	10.5x12.2	40
2M-8-9	1001216	5	8x9	180	6.4x7.9	13.2x14.8	55
2M-8-10	1001506	5	8x10	185	6.7x7.5	13.2x16.0	65
2M-10-11	1001223	5	10x11	195	7.2x7.9	16.0x17.4	85
2M-10-13	1001513	5	10x13	220	7.9x9.1	16.6x20.0	120
2M-12-13	1001230	5	12x13	220	8.3x9.1	18.8x20.0	125
2M-13-14	1001544	5	13x14	220	8.7x9.5	20.0x21.8	140
2M-13-16	1001568	5	13x16	240	9.5x10.2	21.0x24.5	144
2M-13-17	1343972	5	13x17	240	9.5x10.8	21.0x26.0	180
2M-14-15	1001247	5	14x15	230	9.1x9.9	21.8x23.0	155
2M-14-17	1000837	5	14x17	245	9.5x10.8	22.5x26.0	180
2M-16-17	1001254	5	16x17	245	10.2x11.0	24.5x26.0	200
2M-16-18	1001575	5	16x18	250	10.2x11.0	24.5x27.4	190
2M-17-19	1000844	5	17x19	270	11.0x11.8	26.0x27.8	255
2M-18-19	1001261	5	18x19	275	11.0x11.8	28.0x29.0	260
2M-18-21	1001582	5	18x21	300	11.8x12.8	28.0x32.0	256
2M-19-22	1000868	5	19x22	300	11.8x12.8	29.0x33.0	340
2M-19-24	1001599	5	19x24	310	12.4x13.3	29.0x35.5	360
2M-20-22	1001278	5	20x22	300	12.3x12.8	30.6x33.0	350
2M-21-23	1001285	5	21x23	310	12.4x13.3	31.4x35.4	390
2M-21-24	1001605	5	21x24	310	12.4x13.3	31.4x35.4	366
2M-22-24	1001612	5	22x24	325	13.4x14.2	33.2x35.7	450
2M-24-26	1001292	5	24x26	330	13.6x14.3	35.7x38.5	470
2M-24-27	1000899	5	24x27	340	14.3x15.2	36.0x40.2	530
2M-24-30	1001629	5	24x30	345	13.8x15.8	36.5x44.0	540
2M-25-28	1001308	5	25x28	345	14.3x15.2	37.6x40.8	510
2M-27-30	1001636	5	27x30	360	15.2x16.0	40.5x44.0	610
2M-27-32	1001322	5	27x32	360	15.4x16.7	40.3x47.0	620
2M-30-32	1000929	5	30x32	365	16.2x16.7	44.5x47.0	650
2M-30-34	1001643	1	30x34	400	16.2x16.7	44.5x51.0	818
2M-30-36	1001650	1	30x36	400	17.2x18.5	44.5x52.7	790
2M-32-36	1001667	1	32x36	400	17.2x18.5	47.0x52.7	850
2M-36-41	1001681	1	36x41	440	19.2x20.5	53.2x60.0	1170
2M-41-46	1001704	1	41x46	502	19.7x21.2	61.9x69.9	1450
2M-46-50	1001711	1	46x50	522	21.2x22.2	69.9x75.8	1700




1949Z Flare-nut spanner double end, offset, Inch 

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Angle 15°, offset.



Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	c1xc2 mm	
1949Z-3/8-7/16	1055486	1	3/8x7/16	150	8.5x9.0	20.0x22.0	7.0x8.5	60
1949Z-1/2-9/16	1055509	1	1/2x9/16	170	10.5x11.0	26.0x28.0	10.0x11.0	95
1949Z-5/8-3/4	1055523	1	5/8x3/4	210	12.5x13.5	31.5x34.5	13.5x15.0	155
1949Z-3/4-7/8	1055530	1	3/4x7/8	220	13.5x15.5	34.0x40.0	15.0x17.0	205
1949Z-1-1.1/8	1055547	1	1x1.1/8	255	16.5x17.5	44.5x47.5	19.0x21.0	290

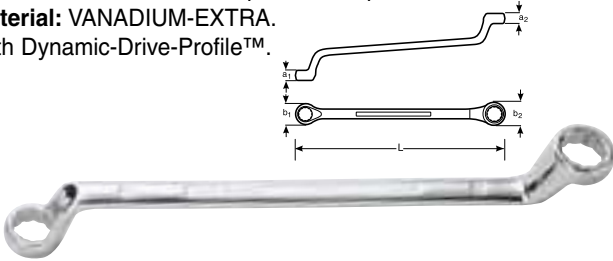
2Z Double ended ring spanner, deep offset, Inch

DIN 838/ISO 1085.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With Dynamic-Drive-Profile™.



Product code	EAN 731415+	Icon	mm	L mm	a1xa2 mm	b1xb2 mm	Icon
2Z-1/4-5/16	1001421	1	1/4 x 5/16	168	5.4x5.9	10.5x12.2	46
2Z-5/16-3/8	1001728	1	5/16x3/8	180	6.4x7.9	13.2x14.8	50
2Z-3/8-7/16	1001438	1	3/8x7/16	195	7.2x7.9	16.0x17.4	80
2Z-1/2-9/16	1001445	1	1/2x9/16	220	8.7x9.5	20.0x21.8	135
2Z-9/16-5/8	1001735	1	9/16x5/8	240	9.5x10.2	22.0x24.5	170
2Z-5/8-11/16	1001452	1	5/8x11/16	245	10.2x11.0	24.5x22.5	200
2Z-3/4-7/8	1001773	1	3/4x7/8	300	11.8x12.8	29.0x33.0	330
2Z-13/16-7/8	1001797	1	13/16x7/8	300	12.3x12.8	30.6x33.0	340
2Z-15/16-1	1001810	1	15/16x1	330	13.6x14.3	35.7x38.5	470
2Z-1-1/8	1001827	1	1x1/8	345	14.3x15.2	37.6x41.6	505
2Z-1.1/16-1.1/4	1001834	1	1 1/16x1 1/4	360	15.4x16.7	40.3x47.0	630

1300Z Double ended box spanner, Inch

Finish: Nickel and chrome plated, highly polished, extra thin-walled heads, ring ends with 15° swan neck.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+	Icon	mm	L mm	a1xa2 mm	b1xb2 mm	Icon
1300Z-1/4-5/16	3000965	1	1/4x5/16	156	6.0x6.9	10.1x12.2	35
1300Z-3/8-7/16	1039981	1	3/8x7/16	193	7.7x8.5	14.4x16.5	50
1300Z-1/2-9/16	1039998	1	1/2x9/16	220	9.0x9.4	18.7x20.8	105
1300Z-19/32-11/16	1040000	1	19/32x11/16	258	10.8x11.6	23.0x25.1	171
1300Z-5/8-3/4	1040017	1	5/8x3/4	268	10.8x12.3	23.0x27.3	210
1300Z-25/32-13/16	3000972	1	25/32x13/16	300	12.3x13.1	27.3x29.4	300
1300Z-7/8-15/16	3005649	1	7/8x15/16	334	13.8x14.6	31.6x33.8	410
1300Z-15/16-1	3005656	1	15/16x1	352	14.6x15.3	33.8x35.9	460
1300Z-1-1/8	3000989	1	1x1/8	404	16.0x17.3	38.1x42.2	680

4M Double ended ring spanner, flat pattern, Inch

DIN 837/ISO 1085.

Finish: Nickel and chrome-plated, polished.

Material: VANADIUM-EXTRA. Thin-walled heads, both sides chamfered. With Dynamic-Drive-Profile™.



Product code	EAN 731415+	Icon	inch	L mm	a mm	b1 mm	b2 mm	Icon
4M-6-7	1829407	5	6x7	100	4.7	9.9	11.2	12
4M-8-9	1829414	5	8x9	115	5.2	12.5	14.0	16
4M-10-11	1829438	5	10x11	130	6.4	15.5	16.5	24
4M-12-13	1829445	5	12x13	143	7.3	18.5	20.5	36
4M-13-15	1829452	5	13x15	155	7.0	20.0	22.0	42
4M-13-17	1829469	5	13x17	168	8.0	20.5	25.0	62
4M-14-15	1829476	5	14x15	157	7.3	21.0	22.5	48
4M-16-17	1829490	5	16x17	168	8.5	23.5	24.5	62
4M-17-19	1829506	5	17x19	185	9.0	25.5	27.0	76
4M-18-19	1829513	5	18x19	189	9.2	26.0	27.5	80
4M-20-22	1829520	5	20x22	200	10.5	28.0	31.5	120
4M-24-27	1829551	1	24x27	255	11.0	35.0	38.0	182
4M-30-32	1829575	1	30x32	285	12.8	42.5	45.0	280

4M/SET Set of double ended ring spanner flat pattern, Metric

DIN 837/ISO 1085.

Finish: Nickel and chrome-plated, polished.

Material: VANADIUM-EXTRA.

Thin-walled heads, both sides chamfered. With Dynamic-Drive-Profile™. In plastic clip.



Product code	EAN 731415+	Icon	mm	Icon
4M/8T	1829599	1	8 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	400
4M/10T	1829605	1	10 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 24x27 30x32	1070

2M/Z-Set Double ended ring spanner, deep offset, Metric or Inch

DIN 838/ISO 1085. **Finish:** Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With Dynamic-Drive-Profile™. In plastic wallet.



Product code	EAN 731415+	Icon	mm	Icon
2M/8T	1001391	1	8 6x7 8x9 10x11 12x13 14x15 6x17 18x19 20x22	1330
2M/12T	1001414	1	12 6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	3800
2Z/5T	1607685	1	5 1/4x5/16 3/8x7/16 1/2x9/16 5/8x11/16 5/8x3/4	960

1943M Starter and manifold spanner, Metric

Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-VANADIUM.

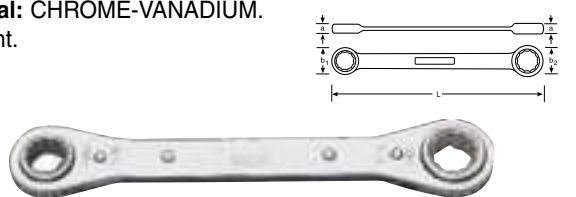


Product code EAN 731415+ mm L mm a1x2a2 mm b1xb2 mm g

Product code	EAN	mm	L mm	a1x2a2 mm	b1xb2 mm	g	
1943M-11-13	1052829	1	11x13	150	7.0x7.5	17.0x19.5	75
1943M-13-15	1804732	1	13x15	185	8.5x9.0	21.0x24.0	115
1943M-13-17	1804749	1	13x17	185	8.5x9.0	21.0x25.0	115
1943M-14-16	1052836	1	14x16	185	8.5x9.0	21.0x25.0	115
1943M-14-17	1052843	1	14x17	185	8.5x9.0	21.5x25.0	115
1943M-15-17	1052850	1	15x17	185	8.5x9.0	22.0x25.0	115
1943M-19-22	1052867	1	19x22	235	11.5x12.0	28.5x32.0	220

1320M Ratcheting ring spanner, Metric

Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-VANADIUM.
12-point.

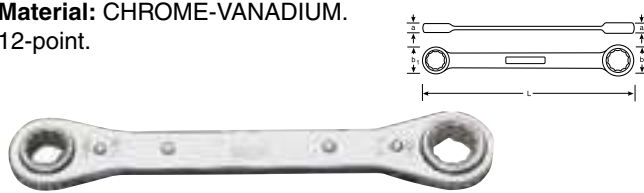


Product code EAN 731415+ mm L mm A mm b1xb2 mm g

Product code	EAN	mm	L mm	A mm	b1xb2 mm	g	
1320M-7-8	1740252	1	7x8	109	9.5	15.3x16.4	53
1320M-9-10	1740337	1	9x10	140	9.5	20.0x22.6	80
1320M-10-11	3000699	1	10x11	175	12.6	26.0x29.5	145
1320M-11-12	1740412	1	11x12	173	12.6	25.5x29.0	165
1320M-13-14	1740689	1	13x14	173	12.6	25.5x29.0	155
1320M-15-17	1740764	1	15x17	206	12.6	33.0x36.5	240
1320M-16-18	1740849	1	16x18	206	12.6	33.0x36.5	235
1320M-19-21	1740924	1	19x21	235	12.6	36.0x40.0	270

1320Z Ratcheting ring spanner, Inch

Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-VANADIUM.
12-point.



Product code EAN 731415+ inch L mm A mm b1xb2 mm g

Product code	EAN	inch	L mm	A mm	b1xb2 mm	g	
1320Z-1/4-5/16	1741068	1	1/4x5/16	119	9.5	15.5x16.6	55
1320Z-3/8-7/16	1741143	1	3/8x7/16	140	9.5	20.0x22.7	77
1320Z-1/2-9/16	1741228	1	1/2x9/16	173	12.6	25.3x29.0	155

1936M Double head socket spanner, Metric

DIN 896-B.
Finish: Nickel and chrome-plated, fine-polished.
Material: SPECIAL STEEL of CHROME-MOLYBDENUM.
Tubular, straight.

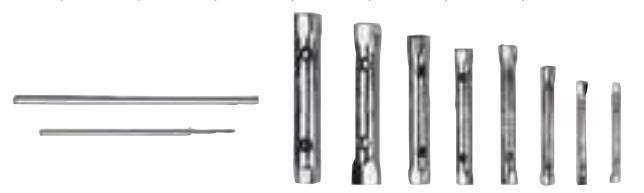


Product code EAN 731415+ mm L mm D1 mm D2 mm mm g

Product code	EAN	mm	L mm	D1 mm	D2 mm	mm	g
1936M-6-7	1051389	1	6x7	102	10.0	11.0	25
1936M-8-9	1051396	1	8x9	102	13.0	14.0	35
1936M-8-10	1830137	1	8x10	117	13.5	16.0	65
1936M-10-11	1051402	1	10x11	117	16.0	17.0	65
1936M-10-13	1344146	1	10x13	137	16.0	20.0	95
1936M-12-13	1051419	1	12x13	137	19.0	20.0	95
1936M-13-17	1830144	1	13x17	147	20.5	25.5	160
1936M-14-15	1051426	1	14x15	137	21.0	22.5	95
1936M-14-17	1051129	1	14x17	147	21.5	25.5	160
1936M-16-17	1051433	1	16x17	147	24.0	25.5	160
1936M-17-19	1051136	1	17x19	152	25.5	28.0	180
1936M-18-19	1051440	1	18x19	152	26.5	28.0	180
1936M-19-22	1051150	1	19x22	162	28.0	31.5	215
1936M-20-22	1830151	1	20x22	162	29.0	31.5	215
1936M-21-23	1830168	1	21x23	162	30.5	33.0	265
1936M-22-24	1830175	1	22x24	177	32.0	34.5	285
1936M-24-26	1830182	1	24x26	177	34.5	37.0	350
1936M-24-27	1051181	1	24x27	177	34.5	38.0	350
1936M-25-28	1830199	1	25x28	192	35.5	39.0	380
1936M-30-32	1051501	1	30x32	192	41.5	44.0	450
1936M-30-34	1838577	1	30x34	210	40.5	44.0	502
1936M-36-41	1830205	1	36x41	213	50.0	56.0	730
1936M-46-50	1830212	1	46x50	233	62.0	66.5	950

1936M/SET Set of double ended box spanner set, Metric.

DIN 896-B.
Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-MOLYBDENUM. In cardboard packaging.
1936M/7 1 pc of 26S-610, 26S-1216, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm.
1936M/12 1 pc of 26S-610, 26S-1216, 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm.



Product code EAN 731415+ g

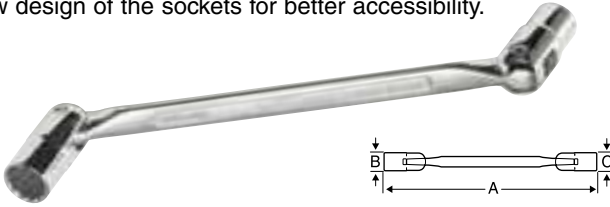
1936M/7	1830243	1	1185
1936M/12	1830250	1	2685

4040M Double ended flex-head spanner with double hexagon sockets, Metric

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With Dynamic-Drive-Profile™. Both heads 180° swivelling. New design of the sockets for better accessibility.



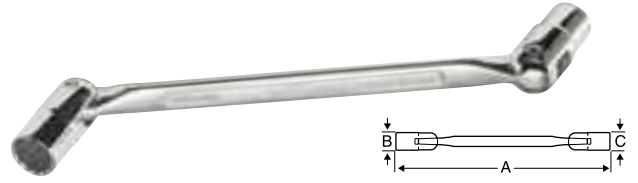
Product code	EAN 731415+			A mm	B mm	C mm	
4040M-6-7	1831967	1	6x7	192	9.1	10.3	77
4040M-8-9	1078270	1	8x9	194	11.6	12.8	78
4040M-10-11	1078287	1	10x11	199	14.1	15.3	87
4040M-10-13	3000750	1	10x13	221	14.1	17.8	155
4040M-12-13	1078294	1	12x13	224	16.6	17.8	160
4040M-13-16	3000781	1	13x16	227	17.8	21.6	192
4040M-13-17	1804565	1	13x17	249	17.8	22.8	198
4040M-14-15	1078300	1	14x15	249	19.1	20.3	198
4040M-16-17	1078317	1	16x17	253	21.6	22.8	209
4040M-16-18	1839635	1	16x18	279	21.6	24.2	298
4040M-17-19	1804572	1	17x19	280	22.8	25.3	312
4040M-18-19	1078324	1	18x19	303	24.2	25.3	393
4040M-20-22	1078331	1	20x22	305	26.6	29.1	403
4040M-21-23	1078348	1	21x23	306	27.8	30.5	490
4040M-24-27	1831974	1	24x27	333	31.8	36.7	648

4040Z Flex-head spanner, Inch

Finish: Forged, nickel and chrome-plated, heads highly polished.

Material: VANADIUM-EXTRA.

Both heads 180° swivelling. New design of the sockets for better accessibility and with Dynamic-Drive-Profile™.



Product code	EAN 731415+			A mm	B mm	C mm	
4040Z-3/8-7/16	1831981	1	3/8x7/16	199	13.5	15.5	87
4040Z-1/2-9/16	1831998	1	1/2x9/16	248	17.5	19.5	175
4040Z-5/8-11/16	1832001	1	5/8x11/16	253	21.4	23.4	209
4040Z-5/8-3/4	3001023	1	5/8x3/4	280	21.6	25.3	307
4040Z-13/16-7/8	3001047	1	13/16x7/8	306	27.8	29.1	440



4040M/SET Set of double ended flex-head spanner with double hexagon sockets, Metric

4040M/6T in attractive black plastic wallet with Velcro® fastening.

4040M/S6 on functional black plastic wall holder.



4040M/6T



4040M/S6

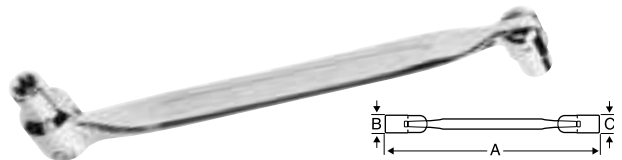
Product code	EAN 731415+				
4040M/6T	0112197	1	6	8x9 10x11 12x13 14x15 16x17 18x19	1220
4040M/S6	0112180	1	6	8x9 10x11 12x13 14x15 16x17 18x19	1250

4040TORX®-E Flex-head spanner Torx®, sockets external

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Both heads 180° swivelling.



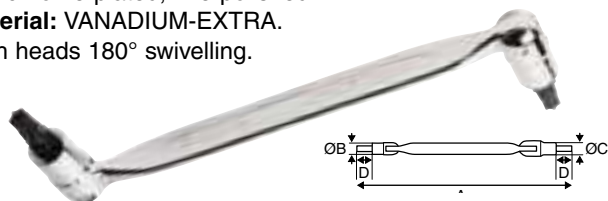
Product code	EAN 731415+			A mm	B mm	C mm	
4040TORX-E6-E8	3002242	1	E6xE8	191	9.1	10.3	211
4040TORX-E10-E12	3002358	1	E10xE12	274	14.1	15.3	302
4040TORX-E14-E18	3002259	1	E14xE18	330	16.6	20.3	410
4040TORX-E20-E24	3002266	1	E20xE24	361	25.3	29.1	413

4040TORX® Flex-head spanner Torx®, drivers

Finish: Bit in gunmetal, forged handle and holder nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Both heads 180° swivelling.



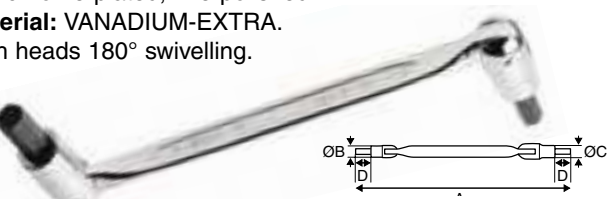
Product code	EAN 731415+			A mm	B mm	C mm	D mm	
4040TORX-T15-T20	3001092	1	T15x20	204	14.1	11.0	11.0	100
4040TORX-T25-T27	3001108	1	T25x27	204	14.4	14.1	11.0	101
4040TORX-T30-T40	3001115	1	T30x40	222	16.6	16.6	11.0	192
4040TORX-T45-T50	3001122	1	T45x50	264	16.6	16.6	17.0	240
4040TORX-T55-T60	3002273	1	T55x60	341	19.0	20.3	17.0	300

4040HEX-M Flex-head spanner hexagon, Metric

Finish: Bit gunmetal, forged handle and holder, nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Both heads 180° swivelling.



Product code	EAN 731415+			A mm	B mm	C mm	D mm	
4040HEX-3-4	3002280	1	3x4	192	10.3	10.3	5.0	145
4040HEX-5-6	3002297	1	5x6	194	10.3	10.3	6.0	145
4040HEX-8-10	3001078	1	8x10	231	16.6	17.8	10.0	217

BE-76 Nut drivers with handle, with flexible blade

Finish: Blade fine-polished and bright chrome-plated, entirely hardened. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomer.



Product code	EAN 731415+			A mm	B mm	C mm	D mm	
BE-7606	1839017	1	6	150	27x122	272	85	
BE-7607	1839024	1	7	150	27x122	272	85	
BE-7608	1839031	1	8	150	27x122	272	95	

BE-78 Nut drivers with handle, long bore

Finish: Blade fine-polished and bright chrome-plated, entirely hardened. Permanent colour code on both ends of handle for easy identification of screw type. Long bore for projecting studs.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomer.



Product code	EAN 731415+			A mm	B mm	C mm	D mm	
BE-7803	1838867	1	3	40	125	20x122	247	70
BE-7835	1838874	1	3.5	40	125	20x122	247	70
BE-7804	1838881	1	4	50	125	20x122	247	70
BE-7845	1838898	1	4.5	50	125	20x122	247	70
BE-7805	1838904	1	5	50	125	20x122	247	72
BE-7855	1838911	1	5.5	50	125	20x122	247	72
BE-7806	1838928	1	6	50	125	20x122	247	85
BE-7807	1838935	1	7	50	125	27x122	247	85
BE-7808	1838942	1	8	50	125	27x122	247	90
BE-7809	1838959	1	9	50	125	36x122	247	95
BE-7810	1838966	1	10	50	125	36x122	247	117
BE-7811	1838973	1	11	50	125	36x122	247	140
BE-7812	1838980	1	12	50	125	36x122	247	145
BE-7813	1838997	1	13	50	125	36x161	286	145
BE-7814	1839000	1	14	50	125	36x161	286	213

BE-6400M Nut driver with extra thin walls, Metric

Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomer. Permanent colour code on both ends of handle for easy identification of screw nut type. For applications in electronics.

Finish: Blade matt chrome-plated.

Material: Blade of VANADIUM-EXTRA.



Product code	EAN 731415+			A mm	B mm	C mm	D mm	
BE-6400M-2.5	3011114	1	2.5	100	20x120	220	35	
BE-6400M-3	3011121	1	3	100	20x120	220	35	
BE-6400M-3.5	3011138	1	3.5	100	20x120	220	35	
BE-6400M-4	3011145	1	4	100	20x120	220	35	
BE-6400M-4.5	3011152	1	4.5	100	20x120	220	35	
BE-6400M-5	3011169	1	5	100	20x120	220	35	
BE-6400M-5.5	3011176	1	5.5	100	20x120	220	35	
BE-6400M-6	3011183	1	6	100	20x120	220	35	
BE-6400M-7	3011190	1	7	100	20x120	220	35	

BE-6400M/SET Set of extra thin-walled nut drivers, Metric

Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomer. Permanent colour code on both ends of handle for easy identification of screw nut type. For applications in electronics.

Finish: Blade matt chrome-plated.

Material: Blade of VANADIUM-EXTRA.

In black heavy duty canvas material with individual PVS pocket for each size of nut driver.



Product code	EAN 731415+	pcs			
BE-6400M/6T	3012203	1	6	4 4.5 5 5.5 6 7	300
BE-6400M/9T	3012210	1	9	2.5 3 3.5 4 4.5 5 5.5 6 7	420

1945TLM Nut drivers with T-handle Long type, with magnet

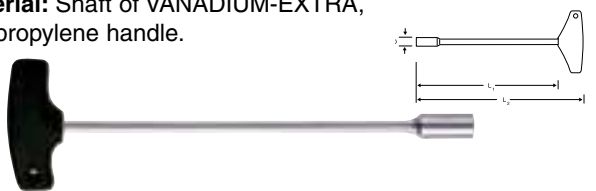
Finish: Shaft nickel and chrome-plated, with plastic T-handle.
Material: Shaft of VANADIUM-EXTRA, polypropylene handle.



Product code	EAN 731415+	mm	L1 mm	L2 mm	D mm		
1945TLM-8	1830601	1	8	350	370	12	150
1945TLM-10	1830618	1	10	350	370	15	175
1945TLM-13	1830625	1	13	350	370	18	200

1945T Nut drivers with T-handle

Finish: Shaft nickel and chrome-plated, with plastic T-handle.
Material: Shaft of VANADIUM-EXTRA, polypropylene handle.



Product code	EAN 731415+	mm	L1 mm	L2 mm	D mm		
1945T-5.5	1830502	1	5.5	230	260	9	90
1945T-6	1830519	1	6	230	260	9	100
1945T-7	1830526	1	7	230	260	11	110
1945T-8	1830533	1	8	230	260	12	130
1945T-9	1830540	1	9	230	260	13	150
1945T-10	1830557	1	10	230	260	15	155
1945T-11	1830564	1	11	230	260	16	170
1945T-12	1830571	1	12	230	260	17	180
1945T-13	1830588	1	13	230	260	18	190

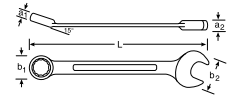
111M Combination spanner, offset Metric

DIN 3113/ISO 3318.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 15°, ring end 15° offset, equal openings at both ends, short type. Dynamic-Drive-Profile™.



Product code	EAN 731415+	pcs	mm	L mm	a1xa2 mm	b1xb2 mm	g
111M-5.5	1828608	1	5.5	105	5.0x3.2	9.5x14	12
111M-6	1828615	1	6	105	5.0x3.2	10.0x14	13
111M-7	1828622	1	7	110	5.6x3.5	11.0x17	18
111M-8	1828639	1	8	110	5.6x3.5	12.0x18	18
111M-9	1828646	1	9	120	6.0x3.8	13.8x20	22
111M-10	1828653	1	10	135	6.6x4.2	15.0x22	30
111M-11	1828660	1	11	135	6.6x4.2	16.5x23	30
111M-12	1828677	1	12	150	7.4x4.7	18.0x26	45
111M-13	1828684	1	13	160	7.4x4.7	19.5x28	45
111M-14	1828691	1	14	168	8.2x5.3	20.6x31	65
111M-15	1828707	1	15	170	8.2x5.3	22.0x32	65
111M-16	1828714	1	16	178	8.8x5.6	23.4x34	80
111M-17	1828721	1	17	190	9.4x6.0	24.8x37	110
111M-18	1828738	1	18	210	10.0x6.3	26.4x39	115
111M-19	1828745	1	19	220	10.0x6.3	27.6x40	120
111M-20	1828752	1	20	232	11.0x7.0	29.0x42	150
111M-21	1828769	1	21	250	11.0x7.0	30.4x44	150
111M-22	1828776	1	22	255	12.0x7.7	31.8x48	200
111M-23	1828783	1	23	255	12.0x7.7	33.4x48	210
111M-24	1828790	1	24	280	13.0x8.4	34.6x50	265
111M-25	1828806	1	25	280	13.0x8.4	36.0x51	270
111M-26	1828813	1	26	280	13.0x8.4	37.5x53	270
111M-27	1828820	1	27	310	14.0x9.2	38.8x57	350
111M-28	1828837	1	28	310	14.0x9.2	40.5x58	365
111M-29	1828844	1	29	310	14.0x9.2	41.0x58	380
111M-30	1828851	1	30	355	15.0x10.0	43.5x62	480
111M-32	1828868	1	32	360	15.0x10.0	46.0x65	500
111M-34	1828875	1	34	380	15.0x10.0	47.0x65	500

111M/111Z SET Combination spanner, Metric or inch

DIN 3113/ISO 3318/ISO 7738.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 15°, ring end 15° offset, equal openings at both ends, short type. With Dynamic-Drive-Profile™. T sets in black plastic wallet.

111M/10 in cardboard box.

111M/SH12 on a functional black plastic wall holder, flexible for wall or to carry in the handle with locking function of the spanners.



111M/11T



111M/10



111M/SH12

Product code	EAN 731415+			mm/inch	
111M/SH6	3013279	1	6	8 10 12 13 14 17	338
111M/7T	1828882	1	7	8 10 13 14 17 19 22	575
111M/11T	1828899	1	11	8 9 10 11 12 13 14 15 17 19 22	740
111M/14T	1828905	1	14	6 8 9 10 13 14 15 17 19 22 24 27 30 32	2270
111M/17T	1828912	1	17	6 7 8 9 10 13 14 15 16 17 18 19 20 21 22	1615
111M/26T	1828929	1	26	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32	4355
111M/10	1828936	1	10	8 9 10 11 12 13 14 17 19 22	960
111M/SH12	3013347	1	12	8 9 10 11 12 13 14 15 16 17 18 19	1050
111Z/8T	1829117	1	8	3/8 7/16 1/2 9/16 5/8 11/16 3/4 7/8	660
111Z/11T	1829124	1	11	3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1	1660

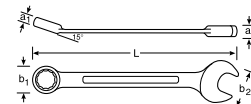
111Z Combination spanner, offset, Inch

DIN 3113/ISO 3318.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 15°, ring end 15° offset, equal openings at both ends, short type. Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	a1xa2 mm	b1xb2 mm	
111Z-1/4	1828943	1	1/4	105	5.0x3.2	10.0x14	12
111Z-5/16	1828950	1	5/16	110	5.6x3.5	12.0x18	18
111Z-3/8	1828967	1	3/8	120	6.0x3.8	14.0x20	25
111Z-7/16	1828974	1	7/16	135	6.6x4.2	16.5x23	30
111Z-1/2	1828981	1	1/2	150	7.4x4.7	19.0x27	50
111Z-9/16	1828998	1	9/16	168	8.2x5.3	21.0x31	65
111Z-5/8	1829001	1	5/8	178	8.8x5.6	23.4x34	75
111Z-11/16	1829018	1	11/16	188	9.4x6.0	25.4x37	85
111Z-3/4	1829025	1	3/4	210	10.0x6.3	27.6x40	120
111Z-13/16	1829032	1	13/16	232	11.0x7.0	30.0x43	165
111Z-7/8	1829049	1	7/8	255	12.0x7.7	32.0x48	210
111Z-15/16	1829056	1	15/16	280	13.0x8.4	34.4x50	260
111Z-1	1829063	1	1	280	13.0x8.4	36.6x51	260
111Z-1.1/16	1829070	1	1 1/16	310	14.0x9.2	38.8x57	360
111Z-1.1/8	1829087	1	1 1/8	310	14.0x9.2	40.5x58	375
111Z-1.1/4	1829094	1	1 1/4	360	15.0x15.0	46.0x65	510
111Z-1.5/16	1829100	1	1 5/16	380	15.0x10.0	47.0x65	500

1952M/1952Z SET Set of combination spanners, offset, Metric

DIN 3113/ISO 3318/ISO 7738.

Finish: Nickel and chrome-plated.

Material: VANADIUM-EXTRA.

Open-end angle 15°, box end 10° offset, equal openings at both ends. With Dynamic-Drive-Profile™. **1952M/SH6** and **1952M/SH12** on a functional black plastic wall holder, flexible for wall or to carry in the handle with locking function of the spanners.



Product code	EAN 731415+			mm/inch	
1952M/SH6	3013286	1	6	8 10 12 13 14 17	421
1952M/7T	1806637	1	7	8 10 13 14 17 19 22	820
1952M/14T	1057695	1	14	6 8 9 10 13 14 15 17 19 22 24 27 30 32	3500
1952M/17T	1057473	1	17	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1900
1952M/26T	1057701	1	26	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32	7000
1952M/10	1057688	1	10	8 9 10 11 12 13 14 15 17 19	770
1952M/SH12	3013330	1	12	8 9 10 11 12 13 14 15 17 18 19	1050
1952Z/11T	1057725	1	11	1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8	1500

1952M Combination spanner, offset, Metric

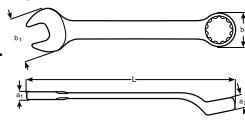
DIN 3113/ISO 3318.




Finish: Nickel and chrome-plated, fine-polished.

Sizes 41 up to 60 mm nickel and chrome-plated.

Material: VANADIUM-EXTRA.Open-end angle 15°, ring end 10° offset,
equal openings at both ends.

Dynamic-Drive-Profile™ up to 36 mm.



Product code	EAN 731415+		 mm	L mm	a2xa1 mm	b2xb1 mm	 g
1952M-6	1057176	10	6	100	4.5x3.7	9.5x14.0	15
1952M-7	1057183	10	7	110	5.0x3.8	11.0x16.0	19
1952M-8	1057190	10	8	120	5.5x4.2	12.2x18.0	23
1952M-9	1057206	10	9	130	6.0x4.5	13.2x20.0	30
1952M-10	1057213	10	10	140	6.5x4.8	14.6x22.0	40
1952M-11	1057220	10	11	150	7.0x5.0	16.2x24.0	49
1952M-12	1057237	10	12	160	7.5x5.2	17.5x26.5	61
1952M-13	1057244	10	13	175	8.0x5.6	19.0x28.5	68
1952M-14	1057251	10	14	185	8.5x6.0	20.0x31.0	80
1952M-15	1057268	10	15	195	9.0x6.2	21.5x33.0	100
1952M-16	1057275	10	16	205	9.8x6.5	23.0x35.0	110
1952M-17	1057282	10	17	220	10.6x7.0	24.5x37.0	135
1952M-18	1057299	10	18	235	11.4x7.2	26.0x39.0	155
1952M-19	1057305	10	19	250	12.2x7.5	27.0x41.5	195
1952M-20	1057312	10	20	275	13.0x8.0	28.5x43.5	217
1952M-21	1057329	10	21	275	13.0x8.0	30.0x43.5	240
1952M-22	1057336	5	22	300	13.5x8.5	32.0x48.0	297
1952M-23	1057343	5	23	300	13.5x8.5	33.0x48.0	290
1952M-24	1057350	5	24	315	14.5x9.0	34.5x52.0	375
1952M-25	1057367	5	25	330	15.5x9.5	36.0x54.5	400
1952M-26	1057374	5	26	330	15.5x9.5	36.5x54.5	400
1952M-27	1057381	5	27	350	16.5x10.0	38.5x59.0	590
1952M-28	1057398	1	28	370	17.0x10.0	40.0x61.0	700
1952M-29	1325763	1	29	370	17.0x10.0	40.0x61.0	690
1952M-30	1057404	1	30	390	18.0x10.7	42.5x64.0	727
1952M-32	1057411	1	32	405	19.0x11.5	45.5x68.0	745
1952M-34	1838553	1	34	425	20.0x12.0	48.0x72.0	800
1952M-36	1057428	1	36	475	21.0x13.5	52.0x78.0	1230
1952M-41	1057435	1	41	510	24.4x14.4	61.5x86.7	1350
1952M-46	1840105	1	46	520	25.4x15.4	67.0x93.6	1750
1952M-50	1840112	1	50	555	26.2x16.3	74.9x104.4	2200
1952M-55	1840129	1	55	565	28.6x19.1	82.7x113.3	3200
1952M-60	1840136	1	60	655	31.0x20.0	90.0x123.0	3600

1952Z Combination spanner, offset, Inch

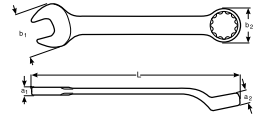
DIN 3113/ISO 3318.




Finish: Nickel and chrome-plated, fine-polished.

Size 1.5/8" nickel and chrome-plated.

Material: VANADIUM-EXTRA.Open-end angle 15°, ring end
10° offset, equal openings
at both ends.

Dynamic-Drive-Profile™ up to 1.1/2".



Product code	EAN 731415+		 mm/inch	L mm	a2xa1 mm	b2xb1 mm	 g
1952Z-1/4	1057480	1	1/4	100	4.5x3.7	9.5x14.0	15
1952Z-5/16	1057497	1	5/16	120	5.5x4.2	12.2x18.0	23
1952Z-11/32	0111046	1	11/32	130	6.0x4.5	13.2x20.0	30
1952Z-3/8	1057503	1	3/8	130	6.0x4.5	13.2x20.0	30
1952Z-7/16	1057510	1	7/16	150	7.0x5.0	16.2x24.0	49
1952Z-1/2	1057527	1	1/2	175	8.0x5.6	19.0x28.5	68
1952Z-9/16	1057534	1	9/16	185	8.5x6.0	20.5x31.0	80
1952Z-5/8	1057541	1	5/8	205	9.8x6.5	23.5x35.0	110
1952Z-11/16	1057558	1	11/16	220	10.6x7.0	24.5x37.0	135
1952Z-3/4	1057565	1	3/4	250	12.2x7.5	27.0x41.5	195
1952Z-13/16	1057572	1	13/16	275	13.0x8.0	28.5x43.5	217
1952Z-7/8	1057589	1	7/8	300	13.5x8.5	32.0x48.0	297
1952Z-15/16	1057596	1	15/16	315	14.5x9.0	34.5x52.0	375
1952Z-1	1057602	1	1	330	15.5x9.5	36.0x54.5	400
1952Z-1.1/16	1057619	1	1 1/16	350	16.5x10.0	38.5x59.0	590
1952Z-1.1/8	1057626	1	1 1/8	370	17.0x10.0	40.0x61.0	700
1952Z-1.1/4	1057633	1	1 1/4	405	19.0x11.5	45.5x68.0	745
1952Z-1.5/16	1057718	1	1 5/16	425	20.0x12.0	48.0x72.0	800
1952Z-1.3/8	1057732	1	1 3/8	425	20.0x12.0	48.0x72.0	800
1952Z-1.7/16	1057749	1	1 7/16	475	21.0x13.5	52.0x78.0	990
1952Z-1.1/2	1057756	1	1 1/2	475	21.0x13.5	52.0x78.0	990
1952Z-1.5/8	1057763	1	1 5/8	510	24.4x14.4	61.5x86.7	1350

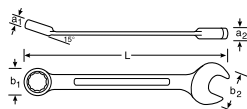
11M Combination spanner, offset, long type Metric

DIN 3113/ISO 3318/ISO 7738.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 15°, box end 15° offset, equal openings at both ends, long type. For sizes 41 mm to 60 mm please see 1952M. With Dynamic-Drive-Profile™.



Product code	EAN 731415+		mm	L mm	a1xa2 mm	b1xb2 mm	
11M-8	1829131	1	8	180	7.5x4.0	13.0x22.0	45
11M-9	1829148	1	9	180	7.5x4.0	14.5x22.0	45
11M-10	1829155	1	10	200	8.5x5.0	16.0x26.0	65
11M-11	1829162	1	11	200	8.5x5.0	17.5x26.0	65
11M-12	1829179	1	12	225	9.8x6.0	19.0x29.0	100
11M-13	1829186	1	13	225	9.8x6.0	20.0x29.0	100
11M-14	1829193	1	14	250	11.4x7.0	22.0x33.0	150
11M-15	1829209	1	15	250	11.4x7.0	23.0x33.0	150
11M-16	1829216	1	16	280	12.8x8.0	24.5x36.0	210
11M-17	1829223	1	17	280	12.8x8.2	26.0x39.0	210
11M-18	1829230	1	18	280	13.0x8.2	27.0x40.0	210
11M-19	1829247	1	19	310	14.5x8.2	29.0x43.0	290
11M-21	1829254	1	21	310	14.5x9.5	31.0x44.5	290
11M-22	1829261	1	22	350	16.4x10.8	33.0x49.0	410
11M-24	1829278	1	24	400	18.4x11.8	36.0x53.0	560
11M-27	1829285	1	27	450	20.5x13.0	40.0x59.0	750
11M-30	1829292	1	30	500	22.5x14.0	44.5x67.0	1000
11M-32	1829308	1	32	500	22.5x14.0	47.0x67.0	1000
11M-36	1829315	1	36	550	24.5x15.0	52.0x77.0	1380
11M-38	1829322	1	38	550	24.5x15.0	55.0x79.0	1380

11M/SET Set of combination spanners in Metric sizes

Offset, long type.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 15°, ring end 15° offset, equal openings at both ends, long type. Dynamic-Drive-Profile™.

In attractive sales cardboard box.



Product code	EAN 731415+		mm	
11M/S8	1829384	1	8	8 9 10 11 13 14 17 19 1050

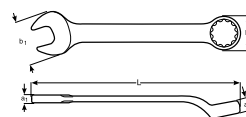


100M Combination spanner, offset Metric with the Rapid function

Open end angle 15°, ring end 15° offset.

Finish: Nickel and chrome-plated, fine-polished.

Material: Cr V. Dynamic-Drive-Profile™. Patent No. 5551322 valid until August 2nd 2015.



Product code	EAN 731415+		mm	L mm	a1xa2 mm	b1xb2 mm	
100M-10	0112012	5	10	130	4.5x7.0	16.0x23.0	34
100M-11	0112029	5	11	139	4.5x7.5	17.0x26.0	40
100M-12	0112036	5	12	150	5.0x8.0	19.0x28.0	57
100M-13	0112043	5	13	160	5.0x8.3	20.0x30.0	62
100M-14	0112050	5	14	169	5.6x8.9	21.0x31.0	72
100M-15	0112067	5	15	177	5.6x9.0	23.0x34.0	86
100M-16	0112074	5	16	188	6.3x9.5	24.0x35.0	102
100M-17	0112081	5	17	197	6.3x10.0	26.0x37.0	118
100M-18	0112098	5	18	206	6.3x10.5	27.0x39.0	132
100M-19	0112104	5	19	221	6.7x11.2	29.0x41.0	160

100M/SET Combination spanner, offset Metric with the Rapid function

Finish: Nickel and chrome-plated, fine-polished.

Material: Cr V. Dynamic-Drive-Profile™. Patent No. 5551322 valid until August 2nd, 2015. Sets with practical plastic holder to carry or for the wall.



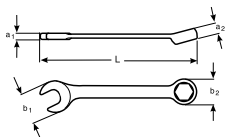
Product code	EAN 731415+		mm	
100M/S6	0112241	1	6	10 12 13 15 16 17 580
100M/S10	0112234	1	10	10 11 12 13 14 15 16 17 18 19 1010




4020L-M Liliput combination spanner, Metric

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 22.5°. Ring spanner end: hexagon, angle 15° offset. Equal openings at both ends. For radio, telecommunications, electrical and precision engineering, carburetors, etc.



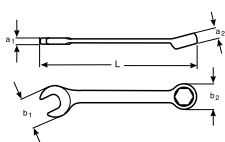
Product code	EAN 731415+		 mm	L mm	a1x2 mm	b1xb2 mm	
4020L-M-3	1077693	1	3	70	2.3x2.5	9.0x7.5	6
4020L-M-3.2	1405038	1	3.2	70	2.3x2.5	9.0x7.5	6
4020L-M-3.5	1077709	1	3.5	70	2.3x2.5	9.0x7.5	6
4020L-M-4	1077716	1	4	70	2.3x2.5	9.0x7.5	6
4020L-M-4.5	1077723	1	4.5	80	2.5x4.0	11.5x9.0	9
4020L-M-5	1077730	1	5	80	2.5x4.0	11.5x9.0	9
4020L-M-5.5	1077747	1	5.5	80	2.5x4.0	11.5x9.0	9




4020L-Z Liliput combination spanner, Inch

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Open-end angle 22.5°. Ring spanner end: hexagon, angle 15° offset. For aviation, radio, telecommunication, electrical and precision engineering, carburetors, etc.



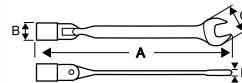
Product code	EAN 731415+		 mm	L mm	a1x2 mm	b1xb2 mm	
4020L-Z-1/8	3010537	5	1/8	70	2.3x2.5	9.0x7.5	6
4020L-Z-5/32	3010544	5	5/32	70	2.3x2.5	9.0x7.5	6
4020L-Z-13/64	3010582	5	13/64	70	2.3x2.5	9.0x7.5	6
4020L-Z-7/32	3010575	5	7/32	80	2.5x4.0	11.5x9.0	9
4020L-Z-3/16	3010599	5	3/16	80	2.5x4.0	11.5x9.0	9




4040MC Flex head combination spanner with double hexagon socket, Metric

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

New design of the socket for better accessibility and with 180° swivelling head with Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	A mm	B mm	C mm	D mm	
4040MC-10	3005960	1	10x10	178	14.1	24.3	4.9	49
4040MC-11	3005977	1	11x11	179	15.3	24.3	4.9	49
4040MC-12	3005984	1	12x12	201	16.6	28.1	5.3	49
4040MC-13	3005991	1	13x13	202	17.8	28.1	5.3	55
4040MC-14	3006004	1	14x14	222	19.1	33.5	6.1	55
4040MC-15	3006011	1	15x15	225	20.3	33.5	6.1	61
4040MC-16	3006028	1	16x16	246	21.6	37.6	6.9	68
4040MC-17	3006035	1	17x17	246	22.8	37.6	6.9	68
4040MC-18	3006042	1	18x18	270	24.2	42.2	7.4	77
4040MC-19	3006059	1	19x19	271	25.3	42.2	7.4	77

41RM Ratchet flex combination spanner

DIN 3113/ISO 3318.

Ratchet combination wrenches with swivel head in metric sizes.

Finish: Forged, nickel and chrome-plated, fine-polished.

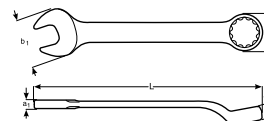
Material: CrV.




Ratchet swivel head in 180°, with fixed steps in every 15°. Turnable for left and right direction. 5° action. 12-point, with Dynamic-Drive Profile™.

US Patent No. 695 7600.

Retail packed on a plastic card.

41RM/S8 set of eight.



Product code	EAN 731415+		 mm	a mm	b mm	c mm	c1 mm	L mm	
41RM-8	3014412	1	8	17.0	17.0	4.3	6.5	127	35
41RM-10	3014429	1	10	21.0	20.0	5.0	7.3	136	55
41RM-11	3014436	1	11	23.0	22.0	5.4	7.7	141	63
41RM-12	3014443	1	12	25.0	23.0	5.8	8.2	148	83
41RM-13	3014450	1	13	27.0	25.0	6.1	8.6	154	93
41RM-14	3014467	1	14	29.0	27.0	6.4	9.0	160	113
41RM-17	3014474	1	17	36.0	32.0	7.6	10.3	190	173
41RM-19	3014481	1	19	40.0	34.0	8.6	11.2	215	233
41RM/S8	3014405	1							

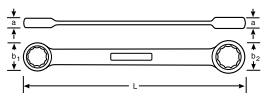
1320RZ Ratcheting box spanner, Inch

Ratcheting box spanner in inch sizes.

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: CrV.

Turnable for left and right direction. 5° action. 12-point with Dynamic-Drive Profile™. Retail packed on a plastic card. US Patent No. 614 8695.



Product code	EAN 731415+		mm	L mm	A mm	b1xb2 mm	
1320RZ-1/4-5/16	3014566	1	1/4-5/16	115	6.3x6.5	14.2x17.2	35
1320RZ-3/8-7/16	3014573	1	3/8-7/16	128	6.5x6.9	16.8x20.2	45
1320RZ-1/2-9/16	3014580	1	1/2-9/16	170	8.2x8.8	23.0x24.8	80

1320RM Ratcheting box spanner, Metric

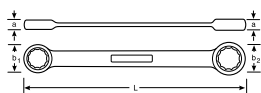
Ratcheting box spanner in metric sizes.

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: CrV.

Turnable for left and right direction. 5° action. 12-point with Dynamic-Drive Profile™. Retail packed on a plastic card. US Patent No. 614 8695.

1320RM/S7 set of seven, sizes 6x7, 8x9, 10x11, 12x13, 14x15, 16x17.



Product code	EAN 731415+		mm	L mm	A mm	b1xb2 mm	
1320RM-6-7	3014498	1	6-7	115	6.3x6.5	14.2x17.2	35
1320RM-8-9	3014504	1	8-9	128	6.5x6.9	16.8x20.2	45
1320RM-10-11	3014511	1	10-11	150	7.3x7.7	20.2x21.8	60
1320RM-12-13	3014528	1	12-13	170	8.2x8.6	23.0x24.8	80
1320RM-14-15	3014535	1	14-15	190	9.0x9.4	26.5x29.5	120
1320RM-16-17	3014542	1	16-17	200	9.9x10.3	29.5x31.5	160
1320RM-18-19	3014559	1	18-19	230	10.3x11.2	31.5x33.5	200
1320RM/S7	3014597	1					

10RM Ratchet combination stubby spanner

DIN 3113/ISO 3318.

Stubby version of ratchet combination wrenches in Metric sizes.

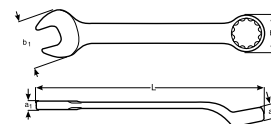
Finish: Forged, nickel and chrome-plated, fine-polished.

Material: CrV.

Ratchet in the ring and a switch for quick change of right and left direction. 5° action. 13° offset head. With Dynamic-Drive Profile™. Retail packed on a plastic card. Patent EP 1 118 433, US Patent No. 628 2992, 645 7387, 614 8695.

10RM/S5 set of five.

Sizes 8, 10, 13, 17 and 19.



Product code	EAN 731415+		mm	a mm	b mm	c mm	c1 mm	L mm	
10RM-8	3014344	1	8	16.7	16.6	4.0	6.5	90	25
10RM-10	3014351	1	10	20.8	20.0	4.8	7.3	95	35
10RM-13	3014368	1	13	27.1	24.7	5.8	8.6	108	63
10RM-17	3014375	1	17	35.5	31.8	7.2	10.3	127	113
10RM-19	3014382	1	19	39.7	33.8	8.2	11.2	139	143
10RM/S5	3014399	1							

1RZ Ratchet combination spanner, Inch

DIN 3113/ISO 3318.

Ratchet combination wrench in inch sizes.

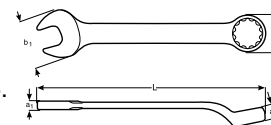
Finish: Forged, nickel and chrome-plated, fine-polished.

Material: Crv.

Ratchet in the ring and a switch for quick change of right and left direction, 5° action. 15° offset head. With Dynamic-Drive Profile™.

Retail packed on a plastic card. Patent EP 1 118 433. US Patent No. 628 2992, 645 7387, 614 8695.

1RZ/S8 set of 8: 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4.



Product code	EAN 731415+		mm	a mm	b mm	c mm	c1 mm	L mm	
1RZ-5/16	3014207	1	5/16	16.7	17.0	4.3	6.5	140	38
1RZ-3/8	3014214	1	3/8	20.8	20.2	5.0	7.3	158	57
1RZ-7/16	3014221	1	7/16	23.0	22.0	5.3	7.7	165	67
1RZ-1/2	3014245	1	1/2	26.8	25.5	6.1	8.6	178	95
1RZ-9/16	3014238	1	9/16	29.0	26.9	6.5	9.0	190	113
1RZ-5/8	3014252	1	5/8	33.0	29.8	7.1	9.9	208	158
1RZ-11/16	3014269	1	11/16	36.5	31.8	7.5	10.3	225	180
1RZ-3/4	3014276	1	3/4	39.4	34.0	8.6	11.2	247	233
1RZ/S8	3014283	1							

1RM Ratchet combination spanner

DIN 3113/ISO 3318.

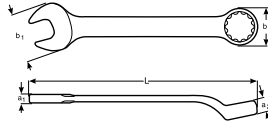
Finish: Forged, nickel and chrome-plated, fine-polished.

Material: CrV.

Ratchet in the ring and a switch for quick change of right and left direction. 5° Action.

15° offset head.

With Dynamic-Drive-Profile™.



Product code	EAN 731415+			a mm	b mm	c mm	c1 mm	L mm	
1RM-6	3014146	1	6	15.0	14.0	3.9	6.3	128	27
1RM-7	3014153	1	7	16.7	16.6	4.6	6.5	140	35
1RM-8	3000552	1	8	17	17.0	4.0	6.5	140	38
1RM-9	3000569	1	9	19	18.5	4.4	6.9	150	48
1RM-10	3000576	1	10	21	20.0	4.8	7.3	159	57
1RM-11	3000583	1	11	23	22.0	5.2	7.7	165	67
1RM-12	3000590	1	12	25	23.0	5.5	8.2	172	82
1RM-13	3000606	1	13	27	25.0	5.8	8.6	178	95
1RM-14	3000613	1	14	29	27.0	6.2	9.0	191	113
1RM-15	3000620	1	15	31	28.0	6.5	9.4	200	130
1RM-16	3000637	1	16	33	30.0	6.8	9.9	208	158
1RM-17	3000644	1	17	36	32.0	7.2	10.3	226	180
1RM-18	3000651	1	18	38	33.0	7.7	10.7	237	213
1RM-19	3000668	1	19	40	34.0	8.2	11.2	248	233
1RM-22	3005915	1	22	46	42.0	9.0	13.0	290	343
1RM-24	3005922	1	24	52	48.0	9.8	14.5	323	503
1RM-27	3014177	1	27	56.5	52.5	10.5	15.5	359	550
1RM-30	3014184	1	30	62.7	58.5	11.4	17.0	493	750
1RM-32	3014191	1	32	66.4	62.5	12.5	17.5	425	900

1RM/SET Ratchet combination wrench

DIN 3113/ISO 3318.

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: Cr V.

Ratchet in the ring and a switch for quick change of right and left direction. 5° Action. 15° offset head. Supplied with practical pl



Product code	EAN 731415+				
1RM/S6	3000675	1	6	8 10 12 13 14 17	625
1RM/S12	3000682	1	12	8 9 10 11 12 13 14 15 16 17 18 19	1510

1RMA Adaptor

ISO 1173/DIN 3126-E 6.3.

Adaptor with quick release button 1/4" square and 10 mm hexagon.

Finish: Forged, nickel and chrome-plated, fine-polished.

Material: CrV.

1RMA-10-1/4-SQ adaptor 1/4" square, easy to add on 1RM-10.

1RMA-13-3/8-SQ adaptor 3/8" square, easy to add on 1RM-13.

1RMA-19-1/2-SO adaptor 1/2" square, easy to add on 1RM-19.

1RMA-10-1/4-BIT adaptor for 1/4" bits, easy to add on 1RM-10.

Retail packed on plastic card. US Patent No. 6691593.



Product code	EAN 731415+					L mm	
1RMA-10-1/4-SQ	3014603	1	1/4	10.0	18.0	10	
1RMA-13-3/8-SQ	3014610	1	3/8	13.0	23.0	20	
1RMA-19-1/2-SQ	3014627	1	1/2	19.0	30.0	45	
1RMA-10-1/4-BIT	3014634	1	1/4	10.0	11.1	15.0	5
1RMA-13-5/16-BIT	3014641	1	5/16	13.0	15.5	16.0	15

1RMA / Adaptor set

Finish: Nickel and chrome-plated, fine-polished.

Material: CrV.

1RMA/S4: Set of ratcheting wrench adaptors. ISO 1174/DIN 3120.

Adaptors for 1/4", 3/8" and 1/2" sockets with quick release press

button. Adaptor for 1/4" bits with retaining ring. Supplied with a compact plastic pocket box.

1RMA/S8: Set of ratcheting combination wrenches and adaptors. ISO 3318/DIN 3113 and ISO 1174/DIN 3120.

Ratcheting wrenches 1RM-10, -13, -19 with 5° ratchet action, reverse lever and 15° offset.

Adaptor for 1/4", 3/8" and 1/2" sockets with quick release press button.

Adaptors for 1/4" and 5/16" bits with retaining ring. Case in high density Polythene (HDPE).



Product code	EAN 731415+			
1RMA/S4	3014658	1	35x100x 84	45
1RMA/S8	3014665	1	75x283x160	95

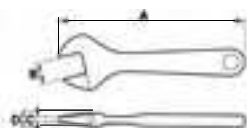
The sixth generation of the ORIGINAL Adjustable wrench since 1892.



90C 90-series, chrome-plated

As per DIN 3117 Form A, angle 15°, BS 6333, ISO 6787 and ASME B107. 8M-1996.

Finish: Chrome-plated.

Precision-hardened and anti-corrosion treated. With comfortable thermoplastic handle and larger grip width. The sixth generation of the adjustable wrench.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	
9070C	0100187	5	158	20	4.9	11.3	139
9071C	0100200	5	208	27	6.0	12.9	272
9031C	0113507	5	218	38	6.0	13.0	340
9072C	0055616	5	257	31	8.7	15.2	425
9073C	0101719	3	308	34	11.9	17.6	730

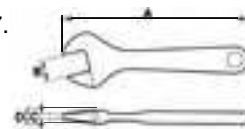
80C 80-series, chrome-plated



As per DIN 3117 Form A, angle 15°, BS 6333, ISO 6787 and ASME B107. 8M-1996.

Finish: Chrome-plated.

Precision-hardened and anti-corrosion treated. Left-going, measurement scale in mm.

IP = Industrial pack.

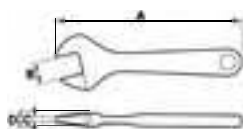




Product code	EAN 731415+		A mm	B mm	C mm	D mm	
8069C IP	0101634	5	110	13	4.0	9.0	60
8070C IP	0101641	5	155	20	4.9	11.5	132
8071C IP	0101658	5	205	27	6.0	13.0	255
8072C IP	0101665	5	255	30	8.6	15.5	400
8073C IP	0101672	3	305	34	11.9	18.0	665
8074C IP	0101689	3	380	44	14.0	20.0	1035
8075C IP	0101696	3	455	53	17.7	22.5	1665

86/87 Traditional models, phosphated

As per DIN 3117 Form A, angle 22.5° BS 6333, ISO 6787 and ASME B107. 8M-1996.

Finish: Phosphated.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	
86	0005376	1	614	63	27.5	29.0	3165
87	0005406	1	770	85	31.0	33.0	5700

Performance sockets and socket sets to suit your needs.



Bahco sockets, ratchets and socket sets match your highest requirements for power, safety and precision. Sockets, drive handles and attachments are made to exacting tolerances and provide excellent resistance to wear. Manufactured with thin walls and made of chrome plated Vanadium-Extra steel, they will continue to deliver superior performance when other tools have already failed.

Easy to carry and use, Bahco socket sets are available in many sizes and styles, each optimized for maximum flexibility in service and maintenance tasks. All parts are made of Chromo- and Chrome Extra steel conforming to tensile strength and tolerances stipulated in ISO/DIN standards.

Whichever set you choose you will experience tools manufactured to the highest standards of precision and safety.

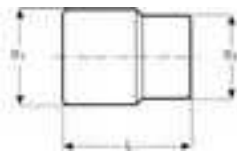
6700SM Hexagon socket, Metric  1/4"




DIN 3124/ISO 2725.

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. With Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
6700SM-4	1087944	1	4	22.2	6.7	12.1	9
6700SM-4.5	1087951	1	4.5	22.2	7.2	12.1	10
6700SM-5	1087968	1	5	22.2	7.7	12.1	10
6700SM-5.5	1087975	1	5.5	22.1	8.3	12.1	10
6700SM-6	1087982	1	6	22.3	9.3	12.1	10
6700SM-7	1087999	1	7	22.2	10.5	12.1	12
6700SM-8	1088002	1	8	22.2	11.5	12.1	12
6700SM-9	1088019	1	9	22.2	12.7	12.1	12
6700SM-10	1088026	1	10	22.2	14.0	12.1	15
6700SM-11	1088033	1	11	22.2	15.4	13.1	18
6700SM-12	1088040	1	12	22.2	16.5	14.0	18
6700SM-13	1088057	1	13	22.2	17.6	15.0	20
6700SM-14	1088064	1	14	23.0	18.8	16.0	22

6700SZ Hexagon socket, Inch  1/4"

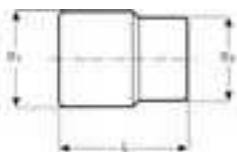
DIN 3124/ISO 2725.




1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.

With Dynamic-Drive-Profile™.



Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	 g
6700SZ-1/8	3002563	1	1/8	22.2	6.7	12.1	9
6700SZ-5/32	1808556	1	5/32	22.2	6.7	12.1	9
6700SZ-3/16	1088118	1	3/16	22.2	7.7	12.1	10
6700SZ-7/32	1088125	1	7/32	22.2	8.5	12.1	10
6700SZ-1/4	1088132	1	1/4	22.2	9.3	12.1	11
6700SZ-9/32	1088149	1	9/32	22.2	10.5	12.1	12
6700SZ-5/16	1088156	1	5/16	22.2	11.5	12.1	12
6700SZ-11/32	1088163	1	11/32	22.2	12.6	12.1	13
6700SZ-3/8	1088170	1	3/8	22.2	13.7	12.1	16
6700SZ-7/16	1088187	1	7/16	22.2	15.4	13.0	16
6700SZ-1/2	1088194	1	1/2	22.2	17.5	15.0	23
6700SZ-9/16	1088200	1	9/16	23.0	18.8	16.0	29

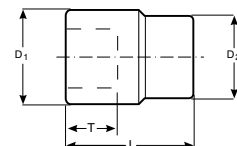
A6700DM Double hexagon socket, Metric  1/4"




DIN 3214/ISO 2725.

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. High performance sockets, thin-walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	T mm	 g
A6700DM-5.5	1821678	1	5.5	22.2	8.3	12.1	4.6	10
A6700DM-6	1821685	1	6	22.2	9.3	12.2	5.6	10
A6700DM-7	1821692	1	7	22.2	10.5	12.1	5.6	10
A6700DM-8	1821708	1	8	22.2	11.5	12.2	6.9	11
A6700DM-9	1821715	1	9	22.2	12.7	12.1	7.4	14
A6700DM-10	1821722	1	10	22.2	14.0	12.1	7.4	15
A6700DM-11	1821739	1	11	22.2	15.4	13.0	9.4	18
A6700DM-12	1821746	1	12	22.2	16.5	14.0	9.4	20
A6700DM-13	1821753	1	13	22.2	17.7	15.0	9.4	25
A6700DM-14	1821760	1	14	23.0	18.8	16.0	10.5	27

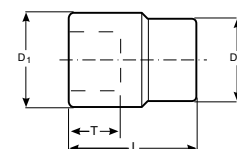
A6700DZ Double hexagon socket, Inch  1/4"




DIN 3214/ISO 2725.

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. High performance sockets, thin-walled, Dynamic-Drive-Profile™.



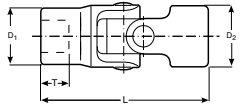
Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	T mm	 g
A6700DZ-3/16	1751029	1	3/16	22.2	7.7	12.1	4.8	10
A6700DZ-7/32	1751296	1	7/32	22.2	8.5	12.1	4.8	10
A6700DZ-1/4	1751371	1	1/4	22.2	9.3	12.1	5.6	10
A6700DZ-9/32	1751456	1	9/32	22.2	10.5	12.1	6.1	10
A6700DZ-5/16	1751531	1	5/16	22.2	11.5	12.1	6.6	10
A6700DZ-11/32	1819842	1	11/32	22.2	12.6	12.1	7.4	10
A6700DZ-3/8	1751616	1	3/8	22.2	13.8	12.1	7.4	16
A6700DZ-7/16	1819859	1	7/16	22.2	15.4	13.0	9.4	25
A6700DZ-1/2	1751883	1	1/2	22.2	17.5	15.0	9.4	27
A6700DZ-9/16	1751968	1	9/16	23.0	18.8	16.0	10.5	28




A6710DM Double hexagon socket, Metric 

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. High performance swivel sockets, thin-walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	T mm	 g
A6710DM-5.5	1756178	1	5.5	30.5	8.4	12	5.5	15
A6710DM-6	1756253	1	6	31.0	9.0	12	6.0	16
A6710DM-7	1756338	1	7	32.0	10.3	12	6.5	18
A6710DM-8	1756413	1	8	33.0	11.5	12	7.0	20
A6710DM-9	1756680	1	9	34.5	12.8	12	8.0	21
A6710DM-10	1756765	1	10	35.5	14.0	12	9.0	25
A6710DM-11	1756840	1	11	37.0	15.3	12	10.0	30
A6710DM-12	1756925	1	12	38.0	16.5	12	11.0	33
A6710DM-13	1757069	1	13	39.5	17.8	12	12.0	36
A6710DM-14	1757144	1	14	40.5	19.0	12	12.5	40

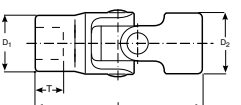
These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65546, 65438, 65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29894, 29919, 65414. VLN 29953. EN 2907, 3013




A6710DZ Double hexagon socket, Inch 

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. High performance swivel sockets, thin-walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	T mm	 g
A6710DZ-3/16	1820435	1	3/16	30.5	7.5	12	5.0	12
A6710DZ-7/32	1820442	1	7/32	30.5	8.5	12	5.5	12
A6710DZ-1/4	1757229	1	1/4	31.0	9.5	12	6.0	12
A6710DZ-9/32	1820459	1	9/32	32.0	10.5	12	6.5	12
A6710DZ-5/16	1757496	1	5/16	33.0	11.5	12	7.0	12
A6710DZ-11/32	1757571	1	11/32	34.5	12.5	12	8.0	13
A6710DZ-3/8	1757656	1	3/8	35.0	13.5	12	8.5	14
A6710DZ-7/16	1757731	1	7/16	37.0	15.4	12	10.0	16
A6710DZ-1/2	1820466	1	1/2	39.0	17.4	12	11.5	25
A6710DZ-9/16	1820473	1	9/16	40.5	19.4	12	12.5	30

These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65546, 65438, 65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29894, 29919, 65414. VLN 29953. EN 2907, 3013

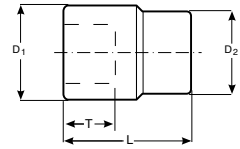
A6800DM Double hexagon socket long series, Metric 




ISO2725-1 1/4" 6.3 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.

High performance sockets, thin-walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	T mm	 g
A6800DM-4	1821777	1	4	50.6	6.7	12.1	4.6	16
A6800DM-5	1821784	1	5	50.6	7.7	12.1	5.1	20
A6800DM-5.5	1821791	1	5.5	50.6	8.3	12.1	5.3	19
A6800DM-6	1821807	1	6	50.6	9.3	12.1	5.9	21
A6800DM-7	1821814	1	7	50.6	10.5	12.1	6.6	25
A6800DM-8	1821821	1	8	50.6	11.5	12.1	8.1	26
A6800DM-9	1821838	1	9	50.6	12.7	12.1	8.1	30
A6800DM-10	1821845	1	10	50.6	14.0	12.1	9.7	33
A6800DM-11	1821852	1	11	50.6	15.4	13.1	11.2	41
A6800DM-12	1821869	1	12	50.6	16.5	14.0	12.7	33
A6800DM-13	1821876	1	13	50.6	17.6	15.0	12.7	53
A6800DM-14	1821883	1	14	50.6	18.8	16.0	15.8	58

These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65528-65531, 65546, 65438-65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 9339, 9481, 29529, 29894, 29919, 29942, 65057, 65414, 65415. VLN 29953. EN 2907, 3013

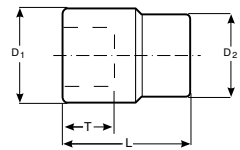
A6800DZ Double hexagon socket long series, Inch 




ISO2725-1.1/4" 6.3 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.

High performance sockets, thin-walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	T mm	 g
A6800DZ-3/16	1758035	1	3/16	50.6	7.7	12.1	5.1	21
A6800DZ-7/32	1758110	1	7/32	50.6	8.5	12.1	5.3	21
A6800DZ-1/4	1758387	1	1/4	50.6	9.3	12.1	5.8	23
A6800DZ-9/32	1758462	1	9/32	50.6	10.5	12.1	6.6	21
A6800DZ-5/16	1758547	1	5/16	50.6	11.5	12.1	8.1	23
A6800DZ-11/32	1803872	1	11/32	50.6	12.6	12.1	8.1	25
A6800DZ-3/8	1758622	1	3/8	50.6	14.1	12.1	8.1	28
A6800DZ-7/16	1803889	1	7/16	50.6	15.4	13.0	11.2	30
A6800DZ-1/2	1758899	1	1/2	50.6	17.5	15.0	12.7	41
A6800DZ-9/16	1758974	1	9/16	50.6	18.8	16.0	12.7	49

These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65528-65531, 65546, 65438-65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 9339, 9481, 29529, 29894, 29919, 29942, 65057, 65414, 65415. VLN 29953. EN 2907, 3013

A6800SM Hexagon socket long series Metric 




ISO 2725-1 1/4" 6.3 DIN 3120/ISO 1174-1. Socket hexagon long series, Metric. High performance, thin-walled.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.

Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	D1 mm	D2 mm	
A6800SM-4	3011534	1	4	50.6	6.7	12.1	16
A6800SM-4.5	3011541	1	4.5	50.6	6.7	12.1	16
A6800SM-5	3011558	1	5	50.6	7.7	12.1	20
A6800SM-6	3011572	1	6	50.6	9.3	12.1	21
A6800SM-7	3011589	1	7	50.6	10.5	12.1	25
A6800SM-8	3011596	1	8	50.6	11.5	12.1	26
A6800SM-9	3011602	1	9	50.6	12.7	12.1	30
A6800SM-10	3011619	1	10	50.6	14.0	12.1	33
A6800SM-11	3011625	1	11	50.6	15.4	13.1	41
A6800SM-12	3011633	1	12	50.6	15.4	13.1	41
A6800SM-13	3011640	1	13	50.6	17.6	15.0	53
A6800SM-14	3011657	1	14	50.6	18.8	16.0	58
A6800SM-15	3011664	1	15	50.6	18.8	16.0	58




6709PH Socket driver for Phillips® PH-head screws 

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm	
6709PH-1	1830700	1	1	11.0	29.0	12.0	11
6709PH-2	1830717	1	2	11.0	29.0	12.0	12
6709PH-3	1830724	1	3	11.0	29.0	12.0	12





6709F Socket driver for slotted head screws 

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+		L mm	I mm			D mm	
6709F-4.5	1830762	5	29.0	11.0	0.6	4.5	12.0	9
6709F-5.5	1830779	5	29.0	11.0	0.8	5.5	12.0	11
6709F-8	1830786	5	29.0	11.0	1.2	8.0	12.0	12

6709TORX® Socket driver for Torx® head screws 





1/4" 6.3 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated.

Material: CHROMO-EXTRA.

** = special screws.



Product code	EAN 731415+			I mm	L mm	D mm		
6709TORX-T8	3002440	1	T8	11.0	29.0	12.0	M2.5	10
6709TORX-T9	1811662	1	T9	11.0	29.0	12.0	**	10
6709TORX-T10	1811679	1	T10	11.0	29.0	12.0	M3	10
6709TORX-T15	1811686	1	T15	11.0	29.0	12.0	M3.5	12
6709TORX-T20	1811693	1	T20	11.0	29.0	12.0	M4	12
6709TORX-T25	1811709	1	T25	11.0	29.0	12.0	M5	15
6709TORX-T27	1811716	1	T27	11.0	29.0	12.0	**	15
6709TORX-T30	1811723	1	T30	11.0	29.0	12.0	M6	15
6709TORX-T40	3002457	1	T40	11.0	29.0	12.0	M8	15




6709PZ Socket driver for Pozidriv® PZ-head screws 

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished, tip gunmetal.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm	
6709PZ-1	1830731	1	1	11.0	29.0	12.0	11
6709PZ-2	1830748	1	2	11.0	29.0	12.0	12
6709PZ-3	1830755	1	3	11.0	29.0	12.0	12

6700TORX®-E Sockets for Torx® head screws, external

DIN 3124/ISO 2725.
1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: CHROMO-EXTRA.



Product code	EAN 731415+			L mm	D1 mm	D2 mm		
6700TORX-E4	3011671	5	E4	25	12	12	M3	9
6700TORX-E5	3011688	5	E5	25	12	12	M4	9
6700TORX-E6	3011695	5	E6	25	12	12	M5	10
6700TORX-E7	3011701	5	E7	25	12	12	M6	10
6700TORX-E8	3011718	5	E8	25	12	12	M6, M8	10
6700TORX-E10	3011725	5	E10	24	12	12	M6+M8	12

6709M Hex head socket driver, Metric

1/4" 6.3 DIN 3120/ISO 1174.
Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.
Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm	
6709M-3	1830656	1	3	11.0	29.0	12.0	10
6709M-4	1830663	1	4	11.0	29.0	12.0	10
6709M-5	1830670	1	5	11.0	29.0	12.0	11
6709M-6	1830687	1	6	11.0	29.0	12.0	12
6709M-8	1830694	1	8	11.0	29.0	12.0	13

A6709M Hex head drivers, long Metric

1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished, tip gunmetal.
Material: VANADIUM-EXTRA.
High performance socket drivers.



Product code	EAN 731415+			I mm	L mm	D mm	
A6709M-2.5	1753740	1	2.5	7.5	50.0	12.0	20
A6709M-3	1753825	1	3	8.5	50.0	12.0	20
A6709M-4	1754129	1	4	10.5	50.0	12.0	20
A6709M-5	1754471	1	5	12.5	50.0	12.0	20
A6709M-6	1754556	1	6	14.0	50.0	12.0	20

6709TORX®-R Socket driver for Torx® head screws, tamper resistant

1/4" 6.3 DIN 3120/ISO 1174.
Finish: Bit gunmetal, holder chrome-plated, fine polished.
Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm		
6709TORX-R-T8	3002464	1	T8	11.0	29.0	12.0	M2.5	10
6709TORX-R-T10	3002471	1	T10	11.0	29.0	12.0	M3	10
6709TORX-R-T15	3002488	1	T15	11.0	29.0	12.0	M4	12
6709TORX-R-T20	3002495	1	T20	11.0	29.0	12.0	M4	12
6709TORX-R-T25	3002501	1	T25	11.0	29.0	12.0	M5	12

A6709Z Hex head drivers, long Inch

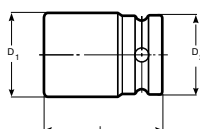
1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished, tip gunmetal.
Material: VANADIUM-EXTRA.
High performance socket drivers.



Product code	EAN 731415+			I inch	L mm	D mm	
A6709Z-1/8	1755447	1	1/8	9.0	50.0	12.0	20
A6709Z-9/64	1755522	1	9/64	9.5	50.0	12.0	20
A6709Z-5/32	1755799	1	5/32	10.5	50.0	12.0	20
A6709Z-3/16	1755874	1	3/16	12.0	50.0	12.0	20

6972H Adaptor, bit holder

DIN 7427 Form A.
 Drive 1/4" DIN 3121-G 6.3 ISO 1174.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.
 For screwdriver bits with 1/4" male hexagon drive:
 DIN 3126-C 6,3 ISO 1173. * with spring collar.



Product code	EAN 731415+				L mm	D2 mm		
6972H	1215934	1	1/4**	1/4"	26.0	13.0	K560F-1	18

6951 Ratchet adaptor

DIN 3122 and 3123.
 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 Reversible. 60 teeth. 6° action.
 Max head Ø: 23 mm.



Product code	EAN 731415+		L mm	
6951	1089764	1	35	50

6950 Reversible ratchet

DIN 3122 and 3123.
 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With plastic handle. 30 teeth/12° action and with quick release button.



Product code	EAN 731415+		L mm	
6950	1089641	1	130	95

6952 Speeder

DIN 3122 and 3123.
 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With a rotatory steel handle.



Product code	EAN 731415+		L mm	
6952	1089771	1	410	270

6950RN Reversible ratchet

DIN 3122 and 3123.
 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With plastic handle. 60 teeth/6° action.



Product code	EAN 731415+		L mm	
6950RN	1831189	1	130	85

6958 Breaker bar

DIN 3122 and 3123.
 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With plastic handle.






Product code	EAN 731415+		L mm	
6958	1089849	1	153	95

6963 Flexible extension 1/4"

Finish: Nickel and chrome-plated, fine-polished.
Not designed for final tightening or initial loosening!






Product code	EAN 731415+		 L mm	 g
6963	1089931	1	155	45

6959 – 6962L Extension bars

DIN 3122 and 3123. 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.






Product code	EAN 731415+		 L mm	 g
6959	3011817	5	32	15
6960	1089856	5	50	23
6961	1089870	5	100	45
6962	1089894	5	150	65
6962L	1089917	5	355	158

6960-W – 6962-W Extension bars

Wobbler Extension bar. Maximum angle 15°.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 Retail packed on a plastic info card.






Product code	EAN 731415+		 L mm	 g
6960-W	3010506	10	50	36
6961-W	3010513	10	100	57
6962-W	3010520	10	150	83

6966 Universal joint 1/4"

DIN 3122, 3123 ISO 3316. 1/4" 6.3 DIN 3122/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		 L mm	 g
6966	1089986	1	32.5	18






7765 Adaptor

DIN 3122 and 3123. 1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+				 L mm	 g
7765	1096687	1	1/4	3/8	25	25






7767 Adaptor

DIN 3123. 1/4" 6.3 and 3/8" 10 DIN 3120 ISO 1174. Adapter 1/4" female square and 3/8" male square.

Finish: Tumbled, high bright galvanised.

Material: Chrome-Vanadium with magnet in the drive disc.
8967/S3 set of 3.



Product code	EAN 731415+				 L mm	 g
7767	3003577	1	1/4"	3/8"	3.0	18
8967/S3	3003607	1			30x194x110	109

6956 Spinner handles with bi-material handle

6956: Black/orange with a 1/4" female square drive in the handle for use as extension bar or to attach sliding T-handle.



Product code	EAN 731415+			
6956	1089825	1	150	102

6954 Sliding T-handle

DIN 3122 and 3123. 1/4" 6.3 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
6954	1089795	1	125	40

6950-SO/1 Spare parts assortment

For 1/4" ratchet. No. 6950.

Parts: 13. 2 shifters, 1 cover, 1 ratchet gear, 1 ratchet locking wheel, 2 spiral springs, 2 balls, 4 screws.



Product code	EAN 731415+		
6950-SO/1	1798673	1	23

187/264/340 Socket rails

Socket rails in zinc coated metal with 2 holes for screws, (-340 with 3 holes). On the rail CLIPS-1/4 (1/4"), CLIPS-3/8 (3/8") and CLIPS-1/2 (1/2") can be mounted, fitting sockets or socket drivers, in the respective square size.



Product code	EAN 731415+			
RAIL-187	3003621	3	187	15
RAIL-264	3003638	3	264	20
RAIL-340	3003645	3	340	30

6950-SO/2 Spare parts assortment

Spare part set for 1/4" ratchet for No. 6950.

5 parts: 1 shifter, 1 ratchet gear, 1 ratchet locking wheel, 2 screws.



Product code	EAN 731415+		
6950-SO/2	111305	1	15

C1/4 Clips

Rail-clips 1/4" for sockets and socket drivers. Nickel plated, spring metal. To be used on RAIL-187, -264 or -340.



Product code	EAN 731415+			
CLIPS-1/4	3003188	25	19	1

A6716DM Socket Set

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
A6716DM	1820824	1	220x110x35	1175
A6700DM 5.5 6 7 8 9 10 11 12 13 14 mm				
6950				
6956				
6954				
6962 150 mm				
6966 150 mm				

A6716DZ Socket Set

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
A6716DZ	1820831	1	220x110x35	1185
A6700DZ 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2 9/16				
6950				
6956				
6954				
6962 150 mm				
6966				

6715MG Socket Set

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
6715MG	1831349	1	220x110x35	1330
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm				
6950RN				
6958				
6956				
6954				
6960 50 mm				
6962 150 mm				
6966				

6721NM Socket Set

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
6721NM	1088309	1	220x110x35	1345
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm				
6950				
6958				
6956				
6954				
6960 50 mm				
6962 150 mm				
6951				
6966				

6715PZ Socket Set














1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™. Combined set.



Product code	EAN 731415+			
6715PZ	1837525	1	220x110x35	1370
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
6950				
6956				
6954				
6709F 0.6x4.5 1.0x5.5 1.2x8.0 mm				
6709PZ No.1 2 3				
6709M 3 4 5 6 8 mm				
6960 50 mm				
6962 150 mm				
6966				

6715GJ Socket Set














1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™. Combined set.



Product code	EAN 731415+			
6715GJ	1831363	1	220x110x35	1370
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
6950				
6956				
6954				
6709F 0.6x4.5 1.0x5.5 1.2x8.0 mm				
6709PH PH 1 2 3				
6709M 3 4 5 6 8 mm				
6960 50 mm				
6962 150 mm				
6966				

6821NZ Socket Set

1/4" 6.3 DIN 3120/ISO 1174.












Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold the tools.

Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
6821NZ	1089269	1	220x110x35	1385
6700SZ 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2 9/16				
6950				
6958				
6956				
6954				
6960 50 mm				
6962 150 mm				
6951				
6966				



6774 Socket Set

1/4" 6.3 and 3/8" 10
DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM- EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™. Combined set.



6724NM Socket Set





















1/4" 6.3 DIN 3120/ISO 1174.



















Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box with plastic insert. Sockets with Dynamic-Drive-Profile™. Combined set.



Product code	EAN 731415+			
6774	3003409	1	500x160x44	3424
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
7400SM 10 11 12 13 14 15 16 17 18 19 21 mm				
6950				
7750				
6956				
7409F 4.5 5.5 6.5 mm				
7409PH PH 1 2				
7409PZ PZ 1 2				
7409M 3 4 5 6 8 mm				
6960 50 mm				
6961 100 mm				
7761-W 150 mm				
7762 250 mm				
6972H				
7407H				
6966				
7766				

Product code	EAN 731415+			
6724NM	1088323	1	400x110x25	2945
6700SM 4 4.5 5 5.5 6 7 8 9 10 11 12 13 14 mm				
A6800DM 4 5 5.5 6 7 8 9 10 11 12 13 14 mm				
6950				
6958				
6956				
6954				
50MH 0.8x4,1x6,1.2x8, 1.6x9				
52H PH No.1 2				
6972H				
6960 50 mm				
6961 100 mm				
6962 150 mm				
6963 155 mm				
6951				
6966				

6720NM Socket Set

1/4" 6.3 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™. Combined set.



Product code	EAN 731415+			
6720NM	1088262	1	355x115x40	2150
6700SM				
4 4.5 5 5.5 6 7 8 9				
10 11 12 13 14 mm				
6950				
1931M				
4 4.5 5 5.5 6 7 8 9				
10 11 12 13 14 mm				
6956				
6954				
6962				
150 mm				
2565L				
7372				
0.5x3x80 mm				
6966				

7750 Reversible ratchet

DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With plastic grip, 34 teeth, 10.6° action and with quick release button.



Product code	EAN 731415+			
7750	1096427	1	200	235

7750RN Reversible ratchet

DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With plastic handle, 60 teeth, 6° action.



Product code	EAN 731415+			
7750RN	1831240	1	200	255

7710 Reversible flex-head ratchet

DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

With Flex-head and plastic handle. 60 teeth, 6° action.



Product code	EAN 731415+			
7710	1551445	1	280	340

7755-3/8 Reversible ratchet, single hand operation

DIN 3122 and DIN 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA and two component handle.

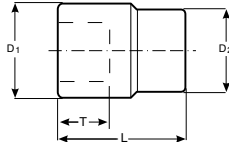
72 teeth, 5° action. The new ratchet generation: Easy change of direction with one hand by a short turn of reversing ring, leaving the other hand free to steady the workpiece. Locking mechanism keeps the socket captive. Easy change of sockets by pressing the quick release button. The integrated quick-rotary disc simplifies and accelerates the fastening and release of all kinds of easy running fasteners. Patented.






Product code	EAN 731415+			
7755-3/8	3002372	1	215	245

A7400DM Double hexagon, Metric 

DIN 3124/ISO 2725. 3/8" 10 DIN 3120/ISO 1174.

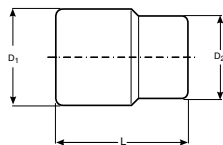
Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA. Thin-walled, high performance sockets with Dynamic-Drive-Profile™.




Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	T mm	 g
A7400DM-9	1819965	1	9	25.8	12.8	17.3	7.6	19
A7400DM-10	1819972	1	10	25.8	14.3	17.3	7.6	19
A7400DM-11	1819989	1	11	25.8	15.7	17.3	7.6	19
A7400DM-12	1819996	1	12	25.8	16.5	17.3	8.5	22
A7400DM-13	1820008	1	13	25.8	18.0	17.3	8.6	22
A7400DM-14	1820015	1	14	26.2	19.6	18.0	10.7	22
A7400DM-15	1820022	1	15	27.8	20.4	19.0	10.7	26
A7400DM-16	1820039	1	16	28.3	21.1	20.0	12.2	28
A7400DM-17	1820046	1	17	28.8	22.8	20.0	12.2	30
A7400DM-18	1820053	1	18	29.5	24.3	21.0	12.7	36
A7400DM-19	1820060	1	19	30.2	25.2	22.0	12.7	39
A7400DM-20	1820077	1	20	31.0	26.3	24.0	12.7	42
A7400DM-21	1820084	1	21	31.3	28.3	25.0	12.7	49
A7400DM-22	1820091	1	22	32.6	29.1	26.0	14.5	50

These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65546, 65438-65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29894, 29919, 65414. VLN 29953. EN 2907, 3013

7400SZ Hexagon, Inch 

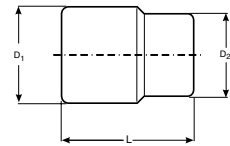
DIN 3124/ISO 2725. 3/8" 10 DIN 3120 ISO 1174.




Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA with Dynamic-Drive-Profile™.

Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
7400SZ-1/4	3002600	1	1/4	25.8	10.0	17.3	24
7400SZ-5/16	3002617	1	5/16	25.8	10.0	17.3	24
7400SZ-11/32	3002624	1	11/32	25.8	12.8	17.3	24
7400SZ-3/8	3002631	1	3/8	25.8	14.3	17.3	24
7400SZ-7/16	3002648	1	7/16	25.8	15.7	17.3	25
7400SZ-1/2	3002655	1	1/2	25.8	18.0	17.3	27
7400SZ-9/16	3002662	1	9/16	27.4	19.6	17.3	28
7400SZ-5/8	3002679	1	5/8	28.3	21.1	19.0	34
7400SZ-11/16	3002686	1	11/16	28.8	23.63	20.5	34
7400SZ-3/4	3002693	1	3/4	30.2	25.2	22.0	52
7400SZ-13/16	3002709	1	13/16	31.3	26.7	24.0	63
7400SZ-7/8	3002716	1	7/8	32.5	29.1	26.0	78

7400SM Hexagon, Metric 

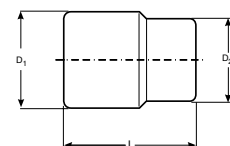
DIN 3124/ISO 2725. 3/8" 10 DIN 3120/ISO 1174.




Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA. With Dynamic-Drive-Profile™.

Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
7400SM-6	1092917	1	6	25.9	10.0	17.3	15
7400SM-7	1092924	1	7	25.8	10.5	17.3	15
7400SM-8	1092931	1	8	25.8	11.4	17.3	16
7400SM-9	1092948	1	9	25.8	12.8	17.3	19
7400SM-10	1092955	1	10	25.8	14.3	17.3	19
7400SM-11	1092962	1	11	25.8	15.7	17.3	20
7400SM-12	1092979	1	12	25.8	16.6	17.3	22
7400SM-13	1092986	1	13	25.8	18.0	17.3	22
7400SM-14	1092993	1	14	26.2	19.6	18.0	23
7400SM-15	1093006	1	15	27.8	20.4	19.0	25
7400SM-16	1831127	1	16	28.3	21.1	20.0	25
7400SM-17	1093020	1	17	28.8	22.8	20.0	30
7400SM-18	1831134	1	18	29.5	24.3	21.0	30
7400SM-19	1093044	1	19	30.1	25.1	22.0	40
7400SM-20	3002570	1	20	31.0	26.3	24.0	63
7400SM-21	3002587	1	21	31.3	28.3	25.0	73
7400SM-22	3002594	1	22	32.5	29.1	26.0	78

A7402DZ Hexagon long series, Inch 

3/8" 10 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA. High performance sockets, thin-walled, with Dynamic-Drive-Profile™.

Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	 g
A7402DZ-1/4	1759940	1	1/4	56	10.0	17.3	41
A7402DZ-5/16	1760014	1	5/16	56	11.4	17.3	42
A7402DZ-11/32	1760281	1	11/32	56	12.8	17.3	44
A7402DZ-3/8	1760366	1	3/8	56	14.3	17.3	45
A7402DZ-7/16	1760441	1	7/16	56	15.7	17.3	45
A7402DZ-1/2	1760526	1	1/2	60	18.0	17.3	60
A7402DZ-9/16	1760793	1	9/16	60	19.6	18.0	69
A7402DZ-19/32	3003041	1	19/32	60	20.4	18.5	76
A7402DZ-5/8	1820107	1	5/8	60	21.1	19.0	79
A7402DZ-11/16	1820114	1	11/16	60	23.6	20.5	95
A7402DZ-3/4	1820121	1	3/4	60	25.2	22.0	100
A7402DZ-13/16	3003027	1	13/16	60	26.7	23.5	109
A7402DZ-7/8	3003034	1	7/8	60	29.1	26.0	109

These sockets are applicable to all nuts and bolts used in the aerospace industry. DIN 65546, 65438-65443. LN: 269520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29824, 29919, 65414. VLN: 29953. EN: 2907, 3013

A7402DM Double hexagon long series, Metric



ISO 2725-1. 3/8" 10 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. High performance sockets, thin-walled, with Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	D1 mm	D2 mm	
A7402DM-9	1820336	1	9	56	2.8	17.3	40
A7402DM-10	1820138	1	10	56	14.3	17.3	41
A7402DM-11	1820145	1	11	56	15.8	17.3	42
A7402DM-12	1820152	1	12	56	16.6	17.3	44
A7402DM-13	1820169	1	13	60	18.0	17.3	58
A7402DM-14	1820176	1	14	60	19.6	18.0	63
A7402DM-15	1820183	1	15	60	20.4	19.0	75
A7402DM-16	1820190	1	16	60	21.1	20.0	79
A7402DM-17	1820206	1	17	60	22.8	20.0	93
A7402DM-18	1820213	1	18	60	24.3	21.0	100
A7402DM-19	1820220	1	19	60	25.1	22.0	109

These sockets are applicable to all nuts and bolts used in the aerospace industry. DIN 65546, 65438-65443. LN 269520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29824, 29919, 65414. VLN: 29953. EN: 2907, 3013

A7400DZ Double hexagon socket, Inch

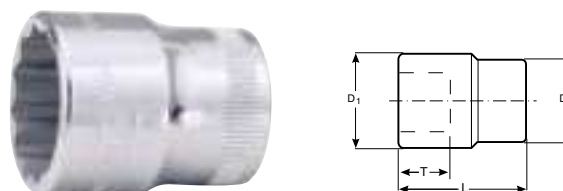


ISO 2725-1.

3/8" 10 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. High performance sockets, thin-walled, with Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	D1 mm	D2 mm	T mm	
A7400DZ-1/4	1759193	1	1/4	25.8	10.0	17.3	5.6	15
A7400DZ-5/16	1759278	1	5/16	25.8	11.4	17.3	6.4	16
A7400DZ-3/8	1759438	1	3/8	25.8	14.3	17.3	7.1	19
A7400DZ-7/16	1759513	1	7/16	25.8	15.7	17.3	7.6	21
A7400DZ-1/2	1759780	1	1/2	25.8	18.0	17.3	8.6	22
A7400DZ-17/32	1819866	1	17/32	25.8	18.8	17.3	8.6	23
A7400DZ-9/16	1759865	1	9/16	27.4	19.6	17.3	10.7	25
A7400DZ-19/32	1819873	1	19/32	27.8	20.4	18.0	10.7	26
A7400DZ-5/8	1819880	1	5/8	28.3	21.1	19.0	12.2	28
A7400DZ-11/16	1819897	1	11/16	28.8	23.6	20.5	12.7	30
A7400DZ-3/4	1819903	1	3/4	30.2	25.1	22.0	12.7	40
A7400DZ-13/16	1819910	1	13/16	31.3	26.7	24.0	12.7	44
A7400DZ-7/8	1819927	1	7/8	32.5	29.1	26.0	14.5	50

These sockets are suitable for all nuts and bolts used in the aerospace industry. DIN 65546, 65438-65443. LN 29520, 29542, 29550, 29551, 29769, 29901-29903, 29934, 29955, 65056, 65101-65106, 65416-65418, 29529, 29894, 29919, 65414. VLN 29953. EN 2907, 3013

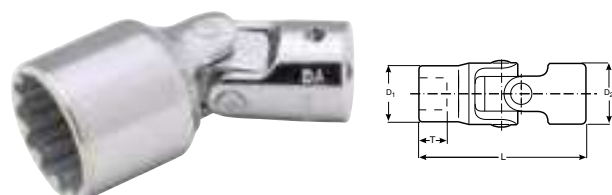
A7410DZ Double hexagon, Inch



3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. High performance swivel sockets, thin walled, Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	D1 mm	D2 mm	T mm	
A7410DZ-5/16	3006271	1	5/16	55.9	11.4	19.0	6.0	39
A7410DZ-3/8	3006288	1	3/8	55.9	11.4	19.0	6.0	39
A7410DZ-7/16	3006295	1	7/16	55.9	15.7	19.0	7.6	45
A7410DZ-1/2	3006301	1	1/2	55.9	18.0	19.0	8.7	60
A7410DZ-9/16	3006318	1	9/16	55.9	16.6	19.0	10.7	69
A7410DZ-5/8	3006325	1	5/8	57.8	21.2	19.0	12.2	79
A7410DZ-11/16	3006332	1	11/16	57.8	23.6	19.0	13.8	95
A7410DZ-3/4	3006349	1	3/4	59.9	25.2	19.0	15.5	100

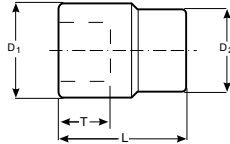
A7402DM Double hexagon socket long series, Metric 




ISO 2725-1.

3/8" 10 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

High performance sockets, thin-walled, with Dynamic-Drive-Profile™.



Product code	EAN 731415+			L mm	D1 mm	D2 mm	T mm	
A7402DM-9	1820336	1	9	56	12.8	17.3	7.4	40
A7402DM-10	1820138	1	10	56	14.3	17.3	9.7	41
A7402DM-11	1820145	1	11	56	15.8	17.3	11.2	42
A7402DM-12	1820152	1	12	56	16.6	17.3	12.7	44
A7402DM-13	1820169	1	13	60	18.0	17.3	12.7	58
A7402DM-14	1820176	1	14	60	19.6	18.0	15.5	63
A7402DM-15	1820183	1	15	60	20.4	19.0	15.5	75
A7402DM-16	1820190	1	16	60	21.1	20.0	15.5	79
A7402DM-17	1820206	1	17	60	22.8	20.0	15.5	93
A7402DM-18	1820213	1	18	60	24.3	21.0	18.5	100
A7402DM-19	1820220	1	19	60	25.1	22.0	18.5	109

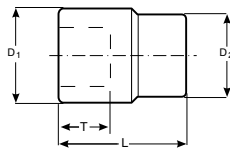
A7402DZ Double hexagon socket long series, Inch 




ISO 2725-1.

3/8" 10 DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

High performance sockets, thin-walled, with Dynamic-Drive-Profile™.






Product code	EAN 731415+			L mm	D1 mm	D2 mm	T mm	
A7402DZ-1/4	1759940	1	1/4	56	10.0	17.3	5.8	41
A7402DZ-5/16	1760014	1	5/16	56	11.4	17.3	7.4	42
A7402DZ-11/32	1760281	1	11/32	56	12.8	17.3	7.4	44
A7402DZ-3/8	1760366	1	3/8	56	14.3	17.3	10.2	45
A7402DZ-7/16	1760441	1	7/16	56	15.7	17.3	11.2	45
A7402DZ-1/2	1760526	1	1/2	60	18.0	17.3	12.7	60
A7402DZ-9/16	1760793	1	9/16	60	19.6	18.0	15.5	69
A7402DZ-19/32	3003041	1	19/32	60	20.4	18.5	10.7	76
A7402DZ-5/8	1820107	1	5/8	60	21.1	19.0	15.5	79
A7402DZ-11/16	1820114	1	11/16	60	23.6	20.5	15.5	95
A7402DZ-3/4	1820121	1	3/4	60	25.2	22.0	18.5	100
A7402DZ-13/16	3003027	1	13/16	60	26.7	23.5	17.0	109
A7402DZ-7/8	3003034	1	7/8	60	29.1	26.0	18.3	109

7400SZ Hexagon socket, Inch 

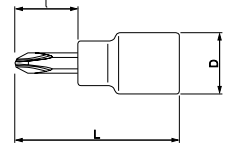
Socket set with 12, 7400SZ sockets, inch on Rail-264.




Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.Dynamic-Drive-Profile™. **A7402SZ** long series.

Product code	EAN 731415+			
7400SZR/S12	3003652	1	1/4 5/16 11/32 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8	438
7400SR/S12	3003294	1	8 9 10 11 12 13 14 15 16 17 18 19	438
A7402SMR/S12	3003287	1	8 9 10 11 12 13 14 15 16 17 18 19	934

7409PH For Phillips® PH head screws 

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

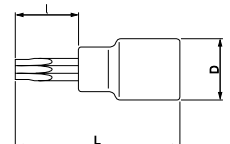
Product code	EAN 731415+			I mm	L mm	D mm	
7409PH-1	3002150	1	1	23	51	17.3	55
7409PH-2	3002167	1	2	23	51	17.3	55
7409PH-3	3002174	1	3	23	51	17.3	60
7409PH-4	3002181	1	4	23	51	17.3	65





7409TORX®-R Tamper resistant 

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

** = special screws.



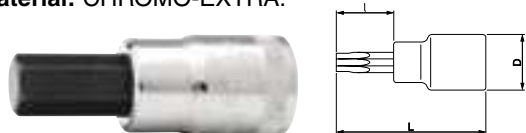
Product code	EAN 731415+			I mm	L mm	D mm		
7409TORX-R-T27	3001856	1	T27	25	51	17.3	**	54
7409TORX-R-T30	3001863	1	T30	25	51	17.3	M6	54
7409TORX-R-T40	3001870	1	T40	25	51	17.3	M8	55
7409TORX-R-T45	3001887	1	T45	25	51	17.3	**	55
7409TORX-R-T50	3001894	1	T50	25	51	17.3	M10	55

7409M Hex head drivers, Metric

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm	
7409M-3	3002235	1	3	25	51	17.3	32
7409M-4	3001900	1	4	25	51	17.3	32
7409M-5	3001917	1	5	25	51	17.3	35
7409M-6	3001924	1	6	25	51	17.3	40
7409M-7	3001931	1	7	25	51	17.3	45
7409M-8	3001948	1	8	25	51	17.3	50
7409M-9	3001955	1	9	25	51	17.3	54
7409M-10	3001962	1	10	25	51	17.3	54
7409M-11	3001979	1	11	25	51	19.0	61
7409M-12	3001986	1	12	25	51	19.0	63
7409M-13	3001993	1	13	25	51	20.0	68
7409M-14	3002006	1	14	25	51	20.0	68

7409Z Hex head drivers, Inch

Hex head socket driver in inch sizes.

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm	
7409Z-1/8	3002013	1	1/8	25	51	17.3	32
7409Z-5/32	3002020	1	5/32	25	51	17.3	32
7409Z-3/16	3002037	1	3/16	25	51	17.3	32
7409Z-7/32	3002044	1	7/32	25	51	17.3	32
7409Z-1/4	3002051	1	1/4	25	51	17.3	40
7409Z-3/8	3002068	1	3/8	25	51	17.3	59

7409F Sockets drivers for slotted screws

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+		L mm	I mm		D mm	
7409F-6.5	3002129	1	51	25	0.8	6.4	55
7409F-8	3002136	1	51	25	1.2	7.9	55
7409F-10	3002143	1	51	25	1.5	9.5	59

7400TORX®-E TORX®-E sockets, external

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. ** = special screws.



Product code	EAN 731415+			L mm	D1 mm	D2 mm		
7400TORX-E10	3003058	5	E10	27	17	15	M6+M8	25
7400TORX-E11	3003065	5	E11	27	17	15	**	25
7400TORX-E12	3003072	5	E12	27	17	15	M8+M10	25
7400TORX-E14	3003089	5	E14	27	17	15	M10+M12	25
7400TORX-E16	3003096	5	E16	30	18	16	**	26
7400TORX-E18	3003102	5	E18	30	20	18	M12+M14	27
7400TORX-E20	3003119	5	E20	33	23	20	M14+M16	28

7400TORX®-E, -R, -TRR sockets, external

Socket set with 7, 7400TORX®-E, sockets for external Torx® head screws, on Rail-187. 3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			
7400TORX-ER/S7	3003300	1	E10 E11 E12 E14 E16 E17 E18 E20	333
7409TORX-R/S8	3003270	1	T25 T26 T30 T40 T45 T50 T55 T60	565
7409TORX-TRR/S5	300326	1	T27 T30 T40 T45 T50	333

7409TORX® Sockets drivers for Torx® screws

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			I mm	L mm	D mm		
7409TORX-T25	3001771	1	T25	25	51	17.3	M5	54
7409TORX-T27	3001788	1	T27	25	51	17.3	**	54
7409TORX-T30	3001795	1	T30	25	51	17.3	M6	54
7409TORX-T40	3001801	1	T40	25	51	17.3	M8	55
7409TORX-T45	3001818	1	T45	25	51	17.3	**	55
7409TORX-T50	3001825	1	T50	25	51	17.3	M10	55
7409TORX-T55	3001832	1	T55	25	51	19.0	M12	58
7409TORX-T60	3001849	1	T60	25	51	19.0	M14	58

7409TORX® Sockets drivers for Torx® screws 





Socket driver, long series for Torx® head screws.

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.**Material:** CHROMO-EXTRA,

** = special screws.






Product code	EAN 731415+			I mm	L mm	D mm		
7409TORX-T26-L	3011237	5	T25	115	140	17.3	M5	108
7409TORX-T30-L	3011244	5	T30	115	140	17.3	M6	108
7409TORX-T40-L	3011251	5	T40	115	140	17.3	M7	109
7409TORX-T45-L	3011268	5	T45	115	140	17.3	**	109
7409TORX-T50-L	3011275	5	T50	115	140	17.3	M10	110
7409TORX-T55-L	3011282	5	T55	115	140	19.0	M12	140
7409TORX-T60-L	3011299	5	T60	115	140	19.0	M14	150

7409MIXR Mixed set on rail 

3 Socket driver set with 11 pcs for slotted, Phillips® PH and Pozidriv® PZ head screws, on RAIL-187.



Product code	EAN 731415+			
7409MIXR/S11	3003317	1	41x273x44	726
7409MR/S7	3003256	1	190x55x25	332

7751 Ratchet adaptor

DIN 3122 and 3123.




3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

60 teeth, 6° action.

Max head Ø: 36 mm.






Product code	EAN 731415+			
7751	1096526	1	52	190

7409PZ Sockets drivers for Pozidriv® PZ head screws 

3/8" 10 DIN 3120/ISO 1174.




Finish: Bit gunmetal, holder chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

Product code	EAN 731415+			I mm	L mm	D mm	
7409PZ-1	3002198	1	1	23	51	17.3	55
7409PZ-2	3002204	1	2	23	51	17.3	55
7409PZ-3	3002211	1	3	23	51	17.3	60
7409PZ-4	3002228	1	4	23	51	17.3	65

7409BH Ball hex head socket drivers, Metric 

3/8" 10 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

Product code	EAN 731415+			I mm	L mm	D mm	
7409BH-4	3002075	1	4	68	95	17.3	54
7409BH-5	3002082	1	5	68	95	17.3	54
7409BH-6	3002099	1	6	68	95	17.3	55
7409BH-8	3002105	1	8	68	95	17.3	57
7409BH-10	3002112	1	10	68	95	17.3	59

7752 Speeder




DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

With a rotatory steel handle.



Product code	EAN 731415+			
7752	1096533	1	435	410

7758 Breaker bar

DIN 3122 and 3123.
 3/8" 10 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With plastic handle.



Product code	EAN 731415+			
7758	1096595	1	250	250

7754 Sliding T-handle

DIN 3122 and 3123.
 3/8" 10 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
7754	1096557	1	160	130

7757 Spinner handle

DIN 3122 and 3123.
 3/8" 10 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 With red, transparent plastic handle, 3/8" female square drive in the handle for use as extension bar or to attach sliding T-handle No. 7754.



Product code	EAN 731415+			
7757	1096588	1	150	170

7756 – 7763 Extension bars

DIN 3122 and 3123.
 3/8" 10 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
7756	3011824	1	32	50
7760	1096618	1	75	80
7761	1096632	1	125	115
7762	1096649	1	250	210
7763	3006103	1	450	300

7760-L – 7762-L Extension bars

Locking extension bar, 3/8". DIN 3123/ISO 3316.
 3/8" 10 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 Retail packed on a plastic info card.



Product code	EAN 731415+			
7760-L	3010476	10	75	94
7761-L	3010483	10	125	171
7762-L	3010490	10	250	260

7759-W – 7762-W Wobbler extension bar

Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA.
 Maximum angle 13°. Retail packed on a plastic card.



Product code	EAN 731415+		L1 mm	L2 mm	L3 mm	
7759-W	3012043	10	50	18	8	30
7760-W	0107155	1	75	18	8	75
7761-W	0107162	1	150	18	8	145
7762-W	0107179	1	250	18	8	235

7759 Flexible extension




Flexible extension 3/8".

3/8" DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Not designed for final tightening or initial loosening!






Product code	EAN 731415+		 L mm	 g
7759-W	3012043	1	208	125

7766 Universal joint

DIN 3122, 3123 ISO 3316.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.






Product code	EAN 731415+		 L mm	 g
7766	1096694	1	52	70

7764 Adaptors

DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.






Product code	EAN 731415+				 L mm	 g
7764	1096670	1	3/8"	1/4"	27	25

8164-1/2

DIN 3122 and 3123.

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.



Product code	EAN 731415+				 L mm	 g
8164-1/2	1105266	1	3/8"	1/2"	35	62

7710-SO/1 Spare part assortment

For 3/8" ratchet. No.7710, 7750RN.

2 hexagon nuts, 1 clamping device, 1 spring, 1 knurled disc, 1 locking device, 2 plates.






Product code	EAN 731415+		 g
7710-SO/1	1809744	1	109

187/264/340 Socket rails

Socket rails in zinc coated metal with 2 holes for screws, (-340 with 3 holes). On the rail CLIPS-1/4 (1/4"), CLIPS-3/8 (3/8") and CLIPS-1/2 (1/2") can be mounted, fitting sockets or socket drivers, in the respective square size.



Product code	EAN 731415+		 L mm	 g
RAIL-187	3003621	3	187	15
RAIL-264	3003638	3	264	20
RAIL-340	3003645	3	340	30






8167 Adaptors

Adapter 3/8" female square and 1/2" male square.

DIN 3123. 3/8" 10, 1/2" 12.5

DIN 3120/ISO 1174.

Finish: Tumbled, high bright galvanised.**Material:** Chrome-Vanadium with magnet in the drive disc.




Product code	EAN 731415+				 L mm	 g
8167	3003584	1	3/8"	1/2"	13	30
8967/S3	3003607	1			30x194x110	109

7755-3/8/S5

Starter socket set 3/8".

Content: Ergo ratchet 3/8, hexagon sockets in metric sizes 7400-SM-10, -13, -17, 19 mm. RAIL-187 and 8 pcs CLIPS-3/8. Packed in a cardboard box with hanging tab. For technical information refer to individual product details.






Product code	EAN 731415+			
7755-3/8/S5	3010452	1	30x270x145	430

7755-3/8/S4 Safety locking set

Safety locking set 3/8". Comprises the Ergo ratchet 7755-3/8 and 1 each locking extension bars 75, 125 and 250 mm. For technical information refer to individual product details. Supplied in cardboard box with hanging tab.



Product code	EAN 731415+			
7755-3/8/S4	3011107	1	30x300x195	800



7755 Spare part assortment

7755-SO/1: Spare part set for Ergo ratchet 7755-3/8. 1 pc ratchet gear, 2 pcs circlips, 1 pc spring, 1 pc locking unit, 1 pc rotary disc.



7755-SO/2: Spare part kit for Ergo ratchet 7755-3/8. 2 circlips, 1 pressure spring, 1 locking unit, 1 rotary disc.






Product code	EAN 731415+		
7755-SO/1	3010728	1	53
7755-SO/2	3010735	1	11

Clips c3/8

Rail-clips 3/8" for sockets and socket drivers. Nickel plated, spring metal. To be used on RAIL-187, -264 or -340.



Product code	EAN 731415+		 L mm	
CLIPS-3/8	3003195	25	19	2



A7440DZE Socket set

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
A7440DZE	3014993	1	312x115x50	2050
A7400DM 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm				
7755-3/8				
7758				
7761 125 mm				

A7435DME Socket set

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red. Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™ and Ergo ratchet.



Product code	EAN 731415+			
A7435DME	3015006	1	495x148x42	3300
A7400DM 9 10 11 12 13 14 15 16 17 18 19 20 21 22 mm				
7755-3/8				
7758				
7754				
7752				
7760 75 mm				
7761 & 7762 125 & 250 mm				
7766				

7430GE Socket set

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM EXTRA. In red, Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools.

Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7430GE	3014979	1	312x115x50	2300
7400SM 6 7 8 9 10 11 12 13 14 15 17 19 mm				
7755-3/8				
7754				
7761 & 7762 125 & 250 mm				
7766				

7429JDE Socket set

3/8" 10 DIN 3120/ ISO 1174.

Socket set, double hexagon in Inch sizes.

Finish: Nickel and chrome-plated, fine polished.

Material: VANADIUM-EXTRA and CHROMO-EXTRA.

In red, Skydrol-resistant baked enamelled metal box with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7429JDE	3003348	1	44x500x160	3743
A7400DM 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22				
7755-3/8				
7757				
7754				
7409F 6.5 8.0 mm				
7409PH PH 1 2 3				
7409M 3 4 5 6 8 mm				
7760, 7762, 75 250 mm				
7766				
7407H				

7429JDZE Socket set

3/8" 10 DIN 3120/ ISO 1174.

Socket set, double hexagon in Inch sizes.

Finish: Nickel and Chrome-plated, fine polished.

Material: VANADIUM-EXTRA and CHROMO-EXTRA.

In red, Skydrol-resistant baked enamelled metal box with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7429JDZE	3003379	1	44x500x160	4.0720
A7400DZ 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8				
7755-3/8				
7757				
7754				
7409F 6.5 8.0 mm				
7409PH PH 1 2 3				
7409M 3 4 5 6 8 mm				
7760, 7762, 75 250 mm				
7766				
7407H				

7429DMZE Socket set











3/8" 10 DIN 3120/ ISO 1174.

Socket set, double hexagon in Metric and Inch sizes.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA and CHROMO-EXTRA.

In red, Skydrol-resistant baked enamelled metal box with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7429DMZE	3015020	1	44x500x160	3429
A7400DM 7 8 9 10 11 12 13 14 15 19 17 18 19 20 21 22 mm				
A7400DZ 1/4 5/16 11/32 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8				
7755-3/8				
7754				
7760 75 mm				
7762 250 mm				
7766				









A7535DZE Socket set

3/8" 10 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

In red Skydrol-resistant baked enamelled metal box, with insert of elastic plastic material to hold the tools. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
A7535DZE	3015013	1	490x150x38	3150
A7400DZ 1/4 5/16 3/8 7/16 1/2 17/32 9/16 19/32 5/8 11/16 3/4 13/16 7/8				
7755-3/8				
7758				
7754				
7752				
7760 75 mm				
7762 250 mm				
7766				






7800SM Hexagon sockets, Metric 

DIN 3124/ISO 2725. 1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROME-EXTRA. With Dynamic-Drive-Profile™.



Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
7800SM-8	1830793	1	8	38	12.9	22.0	42
7800SM-9	1830809	1	9	38	14.2	22.0	42
7800SM-10	1097851	1	10	38	15.4	22.0	51
7800SM-11	1097868	1	11	38	16.6	22.0	51
7800SM-12	1097875	1	12	38	17.9	22.0	51
7800SM-13	1097882	1	13	38	19.1	22.0	53
7800SM-14	1097899	1	14	38	20.4	22.0	54
7800SM-15	1097905	1	15	38	21.6	22.0	64
7800SM-16	1097912	1	16	38	22.9	22.0	64
7800SM-17	1097929	1	17	38	24.1	23.0	72
7800SM-18	1097936	1	18	38	25.4	23.5	76
7800SM-19	1097943	1	19	38	26.6	24.0	80
7800SM-21	1097967	1	21	39	29.1	25.0	102
7800SM-22	1097974	1	22	39	30.4	25.5	109
7800SM-23	1097981	1	23	40	31.6	26.0	109
7800SM-24	1097998	1	24	41	32.9	26.5	121
7800SM-25	1098001	1	25	42	34.1	27.0	124
7800SM-26	1830823	1	26	43	35.4	28.0	136
7800SM-27	1098025	1	27	44	36.6	29.0	173
7800SM-28	1830830	1	28	45	37.9	29.0	173
7800SM-30	1098056	1	30	47	40.4	29.5	189
7800SM-32	1098063	1	32	47	42.9	30.5	227
7800SM-36	1098087	1	36	57	50.0	42.0	315




7800DM Double hexagon socket, Metric 

DIN 3124/ISO 2725. 1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

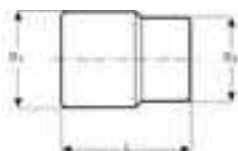
Material: CHROME-EXTRA. With Dynamic-Drive-Profile™.






Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
7800DM-8	1830854	1	8	38	12.9	22.0	42
7800DM-9	1830861	1	9	38	14.2	22.0	42
7800DM-10	1096991	1	10	38	15.4	22.0	51
7800DM-11	1097011	1	11	38	16.6	22.0	51
7800DM-12	1097035	1	12	38	17.9	22.0	51
7800DM-13	1097059	1	13	38	19.1	22.0	56
7800DM-14	1097073	1	14	38	20.4	22.0	56
7800DM-15	1097097	1	15	38	21.6	22.0	64
7800DM-16	1097110	1	16	38	22.9	22.0	64
7800DM-17	1097134	1	17	38	24.1	23.0	72
7800DM-18	1097158	1	18	38	25.4	23.5	76
7800DM-19	1097172	1	19	38	26.6	24.0	80
7800DM-20	1097196	1	20	38	27.9	24.5	81
7800DM-21	1097219	1	21	39	29.1	25.0	102
7800DM-22	1097233	1	22	39	30.4	25.5	109
7800DM-23	1097257	1	23	40	31.6	26.0	109
7800DM-24	1097271	1	24	41	32.9	26.5	121
7800DM-25	1097295	1	25	42	34.1	27.0	124
7800DM-26	1097318	1	26	43	35.4	28.0	136
7800DM-27	1097332	5	27	44	36.6	29.0	173
7800DM-28	1097356	1	28	45	37.9	27.6	173
7800DM-29	1097363	1	29	46	39.1	28.6	175
7800DM-30	1097370	1	30	47	40.4	29.5	189
7800DM-32	1097387	1	32	47	42.9	30.5	227
7800DM-36	1097400	1	36	57	50.0	42.0	315

7800DZ Double hexagon socket, Inch 

DIN 3124/ISO 2725. 1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROME-EXTRA. With Dynamic-Drive-Profile™.

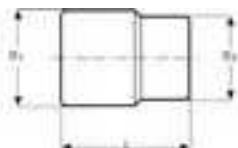
Product code	EAN 731415+		 inch	L mm	D1 mm	D2 mm	 g
7800DZ-3/8	1097431	1	3/8	38	14.5	22.0	41
7800DZ-7/16	1097448	1	7/16	38	16.6	22.0	46
7800DZ-1/2	1097455	1	1/2	38	18.8	22.0	51
7800DZ-9/16	1097462	1	9/16	38	20.8	22.0	53
7800DZ-19/32	1097479	1	19/32	38	21.6	22.0	56
7800DZ-5/8	1097486	1	5/8	38	22.9	22.0	65
7800DZ-11/16	1097493	1	11/16	38	24.7	23.0	75
7800DZ-3/4	1097509	1	3/4	38	26.6	24.0	76
7800DZ-25/32	1097516	1	25/32	38	27.9	24.5	85
7800DZ-13/16	1097523	1	13/16	39	28.7	25.0	92
7800DZ-7/8	1097530	1	7/8	39	30.7	25.5	99
7800DZ-15/16	1097554	1	15/16	41	32.7	26.0	120
7800DZ-1	1097561	1	1	42	34.7	27.5	139
7800DZ-1.1/16	1097578	1	1 1/16	44	36.6	29.0	142
7800DZ-1.1/8	1097585	1	1 1/8	46	38.6	29.0	157
7800DZ-1.3/16	1097592	1	1 3/16	47	40.4	29.0	178
7800DZ-1.1/4	1097608	1	1 1/4	47	42.3	30.5	185





7800TORX®-E Socket for Torx® head screws, external 

Socket for Torx® head screws, external.

DIN 3124/ISO 2725.

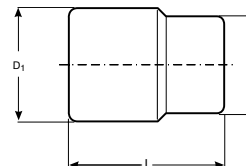
1/2" 12.5 DIN 3120/ISO 1174.




Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROME-EXTRA. **= special screws.

Product code	EAN 731415+		 mm	I mm	L mm	D mm		 g
7800TORX-E12	3011800	1	E12	38	22	22	M8+M10	35
7800TORX-E14	3011756	1	E14	38	22	22	M10+M12	35
7800TORX-E16	3011763	1	E16	38	22	22	**	35
7800TORX-E18	3011770	1	E18	38	22	22	M12+M14	35
7800TORX-E20	3011787	1	E20	38	22	22	M14+M16	35
7800TORX-E24	3011794	1	E24	38	22	22	M18+M20	35

7805SM Hexagon sockets long series Metric 

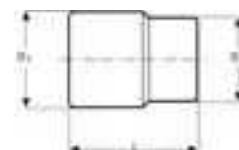
ISO 2725-1. 1/2" DIN 3120/ISO 1174-1.





Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA. With Dynamic-Drive-Profile™.

Product code	EAN 731415+		 mm	L mm	D1 mm	D2 mm	 g
7805SM-10	3011312	5	10	82.6	14.9	22.5	95
7805SM-12	3011329	5	12	82.6	17.9	22.5	103
7805SM-13	3011336	5	13	82.6	17.9	22.5	109
7805SM-14	3011343	5	14	82.6	20.4	22.5	135
7805SM-15	3011350	5	15	82.6	21.6	22.5	138
7805SM-16	3011367	5	16	82.6	22.9	22.5	150
7805SM-17	3011374	5	17	82.6	24.1	22.5	180
7805SM-18	3011381	5	18	82.6	25.2	22.5	164
7805SM-19	3011398	5	19	82.6	26.3	22.5	163
7805SM-20	3011404	5	20	82.6	26.3	22.5	163
7805SM-21	3011411	1	21	82.6	28.3	24.3	228
7805SM-22	3011428	1	22	82.6	29.9	25.9	234
7805SM-23	3011435	1	23	82.6	28.3	24.3	228
7805SM-24	3011442	1	24	82.6	32.0	28.0	296
7805SM-25	3011459	1	25	82.6	32.0	28.0	296
7805SM-26	3011466	1	26	82.6	34.7	30.7	320
7805SM-27	3011473	1	27	82.6	36.2	32.2	353
7805SM-28	3011480	1	28	82.6	36.2	32.2	353
7805SM-29	3011497	1	29	82.6	36.2	32.2	353
7805SM-30	3011503	1	30	82.6	40.9	36.4	421
7805SM-31	3011510	1	31	82.6	40.9	36.4	421
7805SM-32	3011527	1	32	82.6	40.9	36.4	421

7805ZZ Spark plug sockets with rubber collar 

1/2". 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** CHROME-EXTRA. With rubber collar to hold the spark plug and hole for Tommy bar No. 26S-610. For use with adaptor No. **8164-1/2** and flex-head reversible ratchet No. **7710**.

Product code	EAN 731415+		 mm	 inch	L mm	D1 mm	D2 mm	 g
7805ZZ-16	1822767	1	16	5/8	69	27.5	27.5	105
7805ZZ-21	1347338	1	21	13/16	69	27.5	27.5	155

7805DM Double hexagon sockets, long series Metric

ISO 2725-1. 1/2" DIN 3120/ISO 1174-1.

Finish: Nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA. With Dynamic-Drive-Profile™.



Product code	EAN 731415+		mm	L mm	D1 mm	D2 mm	g
7805DM-10	1822101	1	10	82.6	14.9	22.5	95
7805DM-12	1098452	1	12	82.6	17.9	22.5	103
7805DM-13	1098469	1	13	82.6	17.9	22.5	109
7805DM-14	1098476	1	14	82.6	20.4	22.5	135
7805DM-15	1098483	1	15	82.6	21.6	22.5	138
7805DM-16	1098490	1	16	82.6	22.9	22.5	150
7805DM-17	1098506	1	17	82.6	24.1	22.5	180
7805DM-18	1098513	1	18	82.6	25.2	22.5	164
7805DM-19	1098520	1	19	82.6	26.3	22.5	163
7805DM-21	1098544	1	21	82.6	28.3	24.3	228
7805DM-22	1098551	1	22	82.6	29.9	25.9	234
7805DM-24	1098568	1	24	82.6	32.0	28.0	296
7805DM-26	1098582	1	26	82.6	34.7	30.7	320
7805DM-27	1098599	1	27	82.6	36.2	32.2	353
7805DM-30	1098605	1	30	82.6	40.9	36.4	421

7809M Hex head socket drivers, metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.

Material: CHROME-EXTRA.



Product code	EAN 731415+		mm	I mm	L mm	D mm	g
7809M-5	1815561	1	5	23	60	22	70
7809M-5-180	1830922	1	5	143	180	22	115
7809M-6	1815578	1	6	23	60	22	75
7809M-6-140	1830946	1	6	103	140	22	115
7809M-7	1815585	1	7	23	60	22	80
7809M-7-100	1830960	1	7	100	63	22	115
7809M-8	1815592	1	8	60	23	22	85
7809M-8-120	1830984	1	8	120	83	22	125
7809M-9	1830991	1	9	60	23	22	55
7809M-10	1815608	1	10	60	23	22	90
7809M-10-140	1831011	1	10	140	103	22	125
7809M-12	1815615	1	12	60	23	22	100
7809M-14	1815622	1	14	60	23	23	115
7809M-17	1831028	1	17	60	20	27	85
7809M-19	1831035	1	19	60	20	30	90

7809F Socket driver for slotted screws

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.

Material: CHROME-EXTRA.



Product code	EAN 731415+		L mm	I mm	mm	mm	D mm	g
7809F-8	1830885	1	60	23	1.2	8.0	22	45
7809F-10	1830892	1	60	23	1.6	10.0	22	55

7809Z Hex head socket drivers, Inch

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.

Material: CHROMO-EXTRA.






Product code	EAN 731415+		inch	I mm	L mm	D mm	g
7809Z-3/16	3003461	1	3/16	22	60	22	70
7809Z-1/4	3003478	1	1/4	22	60	22	70
7809Z-5/16	3003485	1	5/16	22	60	22	70
7809Z-3/8	3003492	1	3/8	22	60	22	90
7809Z-7/16	3003508	1	7/16	22	60	22	95
7809Z-1/2	3003515	1	1/2	22	60	22	90
7809Z-17/32	3003522	1	17/32	23	60	23	115
7809Z-9/16	3003539	1	9/16	23	60	23	115
7809Z-19/32	3003546	5	19/32	23	60	23	115
7809Z-5/8	3003553	1	5/8	27	61	27	170

7809PH Socket drivers for Phillips® PH head screws 

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated.**Material:** CHROME-EXTRA.




Product code	EAN 731415+			I mm	L mm	D mm	
7809PH-2	1830908	1	2	23	60	22	45
7809PH-3	1830915	1	3	23	60	22	50
7809PH-4	3003423	5	4	22	60	22	50

7809PZ Socket drivers for Pozidriv® PZ head screws 

Socket driver for Pozidriv® PZ head screws.

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder nickel and chrome-plated, fine-polished.**Material:** CHROMO-EXTRA.

Product code	EAN 731415+			L mm	I mm	D mm	
7809PZ-2	3003430	5	2	23	60	22	50
7809PZ-3	3003447	5	3	23	60	22	50
7809PZ-4	3003454	5	4	23	60	22	50





7809TORX® Socket drivers for Torx® screws 

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated.**Material:** CHROME-EXTRA.

• = special screws.







Product code	EAN 731415+			I mm	L mm	D mm		
7809TORX-T20	1811730	1	T20	23	60	22	M 4	50
7809TORX-T25	1811747	1	T25	23	60	22	M 5	50
7809TORX-T27	1811754	1	T27	23	60	22	*	55
7809TORX-T30	1811761	1	T30	23	60	22	M 6	55
7809TORX-T40	1811778	1	T40	23	60	22	M 8	60
7809TORX-T45	1811785	1	T45	23	60	22	*	60
7809TORX-T50	1811792	1	T50	23	60	22	M 10	65
7809TORX-T55	1811808	1	T55	23	60	22	M 12	80
7809TORX-T60	1811815	1	T60	23	60	22	M 14	85

7809XZN Socket drivers for multiple screws 

Socket drivers for multiple screws XZN.

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Bit gunmetal, holder chrome-plated.**Material:** CHROME-EXTRA.






Product code	EAN 731415+			I mm	L mm	D mm		
7809XZN-8	1831066	1	8	23	60	22	M8	50
7809XZN-8-100	1831073	1	8	63	100	22	M8	75
7809XZN-10	1831080	1	10	23	60	22	M10	65
7809XZN-10-100	1831097	1	10	63	100	22	M10	95
7809XZN-12	1831103	1	12	23	60	22	M12	70
7809XZN-12-100	1831110	1	12	63	100	22	M12	110
7809XZN-14	3004574	1	14	23	60	22	M14	75
7809XZN-14-100	3004567	1	14	63	100	22	M14	120

9564 Adaptors

DIN 3122 and DIN 3123.

3/4" 20 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.






Product code	EAN 731415+					
9564	1107543	1	3/4"	1"	62	345

8965 Adaptors

DIN 3122 and DIN 3123.

3/4" 20 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+					
8965	1106881	1	3/4"	1/2"	58	260

8155-1/2 Reversible ratchet, one hand

DIN 3122 and DIN 3123.
 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA and two component handle.
 60 teeth, 6° action. The new ratchet generation: multi-functionality in perfect design. Easy change of direction with one hand, by a short turn of the reversing ring, while the other hand may safely fix the workpiece. Locking mechanism keeps the socket captive. Quick change of sockets by pressing the locking button. The integrated quick-rotary disc simplifies and accelerates the fastening and release of all kinds of easy running screwings. Patented.
 SB = Retail packed on a plastic info card.



Product code	EAN 731415+		 L mm	
8155-1/2	1827595	1	260	575

8150-1/2 Reversible ratchet

DIN 3122 and DIN 3123. 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA and two component handle.
 32 teeth/11.25° action and with quick release button.





Product code	EAN 731415+		 L mm	
8150-1/2	1105006	1	270	585

8150RN-1/2 Reversible ratchet

DIN 3122 and DIN 3123. 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA and two component handle.
 60 teeth/6° action.






Product code	EAN 731415+		 L mm	
8150RN-1/2	1831202	1	270	470

8110-1/2 Flex-head ratchet

With two component handle. DIN 3122 and DIN 3123.
 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated, fine-polished.
Material: VANADIUM-EXTRA and two component handle.
 60 teeth, 6° action.



Product code	EAN 731415+		 L mm	
8110-1/2	1808853	1	410	760

8152-1/2 Speeder

Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-VANADIUM. With a rotatory steel handle.






Product code	EAN 731415+		 L mm	
8152-1/2	1105129	1	417	690

8158-1/2 Breaker bar

1/2". With two component handle.
Finish: Nickel and chrome-plated, fine-polished.
Material: CHROME-VANADIUM.



Product code	EAN 731415+		 L mm	
8158-1/2	1105167	1	390	610




8151-1/2 Ratchet adaptor

DIN 3122 and DIN 3123. 1/2"
12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.
Reversible, 60 teeth. 6° action.
Max head Ø: 36 mm.






Product code	EAN 731415+		 L mm	
8151-1/2	1105112	1	55	200

187/264/340 Socket rails

Socket rails in zinc coated metal with 2 holes for screws, (-340 with 3 holes). On the rail CLIPS-1/4 (1/4"), CLIPS-3/8 (3/8") and CLIPS-1/2 (1/2") can be mounted, fitting sockets or socket drivers, in the respective square size.



Product code	EAN 731415+		 L mm	
RAIL-187	3003621	3	187	15
RAIL-264	3003638	3	264	20
RAIL-340	3003645	3	340	30

C1/2 Clips

Rail-clips 1/2" for sockets and socket drivers. Nickel plated, spring metal. To be used on RAIL-187, -264 or -340.



Product code	EAN 731415+		 L mm	
CLIPS-1/2	3003201	25	19	3




8154-1/2 Sliding T-handle

DIN 3122 and DIN 3123. 1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		 L mm	
8154-1/2	1105143	1	300	473

8157-1/2 – 8162-1/2 Extension bars




1/2". DIN 3122 and DIN 3123.

1/2" 12.5 DIN 3120/ISO1174.

Finish: Nickel and chrome-plated.

Material: VANADIUM-EXTRA.



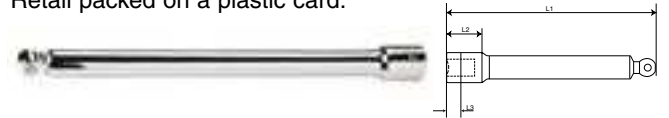
Product code	EAN 731415+		 L mm	
8157-1/2	3011831	1	52	60
8159-1/2	1105198	1	75	120
8160-1/2	1105204	1	125	185
8162-1/2	1105211	1	250	365



8157-W – 8162-W Wobbler extension bars

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. Maximum angle 14.5°.

Retail packed on a plastic card.



Product code	EAN 731415+		L1 mm	L2 mm	L3 mm	
8157-W	3012050	10	50	24	10.7	40
8159-W	0107186	1	75	24	10.7	135
8160-W	0107193	1	125	24	10.7	210
8162-W	0107209	1	250	24	10.7	420

8967 Adaptor set

1/4" 6.3, 3/8" 10, 1/2" 12.5
 DIN 3120/ISO 1174.
 Adapter set with 7767, 8167 and 8967.
 DIN 3123.
Finish: Tumbled, high bright galvanised.
Material: Chrome-Vanadium with magnet in the disc drive to fix the adaptor to the socket. Blister packed.



Product code	EAN 731415+					
8967	3003591	1	1/2	3/4	22	59
8967/S3	3003607	1			30x194x110	109

8110-8158-SO Spare parts assortment

8110-SO/1: For 1/2" ratchet No. 8110-1/2, 8150RN-1/2. 2 hexagon nuts, 1 clamping device, 1 spring, 1 knurled disc, 1 locking device, 2 plastic caps.
8150-SO/2: For 1/2" ratchet No. 8150-1/2. 1 shifter, 1 ratchet gear, 1 ratchet locking wheel, 2 screws.
8158-SO/1: Spare part set for 8158-1/2. 1 square drive, 1 pin, 1 spring washer.
8155-SO/1: Spare part set for 1/2" ratchet No.8155-1/2. 1 pcs toothed wheel, 2 pcs circlips, 1 pcs pressure spring, 1 pcs locking unit, 1 pcs rotary disc.
8155-SO/2: Spare part set for 1/2" ratchet No. 8155-1/2. 2 pcs circlips, 1 pcs pressure spring, 1 pcs locking unit, 1 pcs rotary disc.



Product code	EAN 731415+		
8158-SO/1	0111039	1	70
8110-SO/1	1809751	1	128
8150-SO/2	0111329	1	120
8155-SO/1	3000811	1	120
8155-SO/2	3000828	1	24

8166-1/2 Universal joint

1/2". DIN 3122, DIN 3123/ISO3316.
 1/2" 12.5 DIN 3120/ISO1174.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
8166-1/2	1105280	1	72	160

8165-1/2 Adaptors

DIN 3122 and DIN 3123.
 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+					
8165-1/2	1105273	1	1/2	3/8	37	70

8964 Adaptors

DIN 3122 and DIN 3123.
 1/2" 12.5 DIN 3120/ISO 1174.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.



Product code	EAN 731415+					
8964	1106874	1	1/2	3/4	45	140

8150-SO/1 Spare parts assortment

For 1/2" ratchet No. 8150-1/22 shifters, 1 cover, 1 ratchet gear, 1 ratchet locking wheel, 2 spiral springs, 2 balls, 4 screws.



Product code	EAN 731415+		
8150-SO/1	1798697	1	155

7819DME Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.

Product code	EAN 731415+			
7819DME	1838270	1	312x115x50	2570
7800DM 10 13 16 17 18 19 21 24 mm				
8155-1/2				
8160-1/2 125 mm				

7819SRE Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.

Product code	EAN 731415+			
7819SRE	1837921	1	312x115x50	1970
7800SM 10 11 12 13 17 19 22 24 mm				
8155-1/2				
8160-1/2 125 mm				

7819JE Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.

Product code	EAN 731415+			
7819JE	1837976	1	450x185x50	5585
7800SM 10 11 12 13 14 15 17 19 22 24 27 30 mm				
8155-1/2				
8154-1/2				
7809F 1.2x8 1.6x10 mm				
7809PH PH 2 3				
7809M 5 6 7 8 10 12 14 mm				
8160-1/2 125 mm				
8166-1/2				

7819HNRE Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.













7819DZE Socket set, Inch








1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7819HNRE	1837938	1	450x185x50	5725
7800SM				
10 11 12 13 14 15 16				
17 19 22 24 27 30 32 mm				
8155-1/2				
8154-1/2				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

Product code	EAN 731415+			
7819DZE	1838287	1	312x115x50	2570
7800DZ				
3/8 1/2 9/16 5/8 11/16				
3/4 7/8 15/16				
8155-1/2				
8160-1/2				
125 mm				



7886SME Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7886DME	1837952	1	445x225x51	6145
7800DM				
12 13 14 15 16 17 18 19 21				
22 23 24 27 30 32 mm				
8155-1/2				
8154-1/2				
8159-1/2				
75 mm				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

7886DME Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7886DME	1837952	1	445x225x51	6145
7800DM				
12 13 14 15 16 17 18				
19 21 22 23 24 27 30 32 mm				
8155-1/2				
8154-1/2				
8159-1/2				
75 mm				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

7886DZE Socket set, Inch

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.

Product code	EAN 731415+			
7886DZE	1837969	1	445x225x51	6245
7800DZ				
7/16 1/2 9/16 19/32 5/8				
11/16 3/4 25/32 13/16 7/8				
15/16 1 1 1/16 1 3/16 1 1/4				
8155-1/2				
8154-1/2				
8159-1/2				
75 mm				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

7888DM Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box, insert of elastic plastic material to hold tools in place. Sockets with Dynamic-Drive-Profile™.



Product code	EAN 731415+			
7888DM	1820923	1	445x225x51	6955
7800DM				
10 11 12 13 14 15 16 17				
18 19 21 22 23 24 25 27				
30 32 mm				
8150-1/2				
8158-1/2				
8154-1/2				
8159-1/2				
75 mm				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

7980NZ Socket set, Inch

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box. Sockets with Dynamic-Drive-Profile™.



7885M Socket set, Metric














1/2" 12.5 DIN 3120/ISO 1174.














Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

In red, Skydrol-resistant baked enamelled metal box. Sockets with Dynamic-Drive-Profile™.














Product code	EAN			
7980NZ	1099985	1	500x250x65	9100
7800DZ				
3/8 7/16 1/2 9/16 19/32 5/8				
11/16 3/4 25/32 13/16 7/8				
15/16 1 1 1/16 1 1/8 1 3/16				
8150-1/2				
8158-1/2				
8154-1/2				
8152-1/2				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8151-1/2				
8166-1/2				

Product code	EAN			
7885M	1099954	1	445x225x51	7400
7800DM				
10 11 12 13 14 15 16 17 18 19 20 21				
22 23 24 25 26 27 28 30 32 mm				
8150-1/2				
8158-1/2				
8154-1/2				
8152-1/2				
8159-1/2				
75 mm				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

4003M Socket set, Metric

1/2" 12.5 DIN 3120/ISO 1174.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled metal box. Sockets with Dynamic-Drive-Profile™.

Product code	EAN 731415+			
4003M	1077372	1	500x285x55	12300
1952M				
10 11 12 13 14 15 16				
17 18 19 22 24 27 32 mm				
7800DM				
10 11 12 13 14 15 16				
17 18 19 20 21 22 23				
24 25 26 27 28 30 32 mm				
8150-1/2				
8158-1/2				
8154-1/2				
8160-1/2				
125 mm				
8162-1/2				
250 mm				
8166-1/2				

SL25 Socket set 1/4" drive

DIN 3120 /ISO 1174.

Finish: Matt chrome-plated.**Material:** Chrome Vanadium. Case in High Density Polythene (HDPE). **Contents:** 25 pieces.

12 pcs 1/4" 6-pt Sockets Dynamic-Drive-Profile™

4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm.

1 pce ratchet 1/4" compact length (only 125 mm) with two component handle and quick release button.

2 pcs bit 1/4" PH 2.

2 pcs bit HEX 5, 6. 6 pcs bit TORX

10, 15, 20, 25, 30, 40.

1 pce bit holder 1/4" with locking spring, 1/4" female square.

1 pce 1/4" wobbler extension bar,

length 100 mm.








Product code	EAN 731415+			
SL25	3013422	1	35x165x85	235

7809M/10 Hexagon head driver set**Finish:** Bit gunmetal, holder chrome-plated.**Material:** VANADIUM-EXTRA. In red, Skydrol-resistant baked enamelled, metal box.

Product code	EAN 731415+			
7809M/10	1831448	1	312x115x50	1490
7809M				
5 6 7 8 9 10 12 14				
17 19 mm				

7809TORX/10 Driver set for TORX® and Phillips® PH head screws**Finish:** Bit gunmetal, holder chrome-plated.**Material:** CHROME-EXTRA. In red, Skydrol-resistant baked enamelled, metal box.




Product code	EAN 731415+			
7809TORX/10	1831455	1	312x115x50	1490
7809TORX				
T 20 25 27 30 40				
45 50 55				
7809PH				
PH 2 3				

7809Z/10 Socket driver set

1/2" 12.5 DIN 3120/SO 1174.

Hex head driver set in a metal box, 10, 7809Z sockets, in inch sizes.




Finish: Bit gunmetal, holder nickel and chrome-plated, fine polished.**Material:** CHROMO-EXTRA.

Product code	EAN 731415+			
7809Z/10	3003560	1	50x325x30	1990

S290 Socket Set, Metric

1/4" DIN 3120/ISO 1174.
Finish: Matt chrome-plated.
Material: Chrome Vanadium.
 Plastic case oil and temperature resistant polypropene. Sockets with Dynamic-Drive-Profile™.
 Combined set.
Contents: 29 pieces.






Product code	EAN 731415+			
S290	3000859	1	280x160x70	1300
12 pcs 1/4" 6-pt sockets with Dynamic-Drive-Profile 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
3 pcs 1/4" Bit sockets Ph 1 2 3				
3 pcs 1/4" Bit sockets flat 4 5.5 7 mm				
5 pcs 1/4" Bit sockets Hex 3 4 5 6 8 mm				
1 pc 1/4" Extension bar 2"				
1 pc 1/4" Extension bar 6"				
1 pc 1/4" Sliding T-bar				
1 pc 1/4" Universal joint				
1 pc 1/4" Spinner handle				
1 pc Ratchet handle 45 teeth				

S460 Socket Set, Metric

1/4" DIN 3120/ISO 1174.
Finish: Matt chrome-plated.
Material: Chrome Vanadium.
 Plastic case oil and temperature resistant polypropene. Sockets with Dynamic-Drive-Profile™.
 Combined set.
Contents: 46 pieces.



Product code	EAN 731415+			
S460	0111060	1	375x215x100	2200
12 pcs 1/4" 6-pt sockets with Dynamic-Drive-Profile 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
4 pcs 1/4" Socket drivers Phillips # 1 2 3 4				
3 pcs 1/4" Socket drivers flat 4 5.5 7 mm				
6 pcs 1/4" Socket drivers Hex 3 4 5 6 8 10 mm				
7 pcs 1/4" Socket drivers Torx 8 10 15 20 25 27 30				
3 pcs 1/4" Sockets Torx E6 E7 E8				
1 pc 1/4" Spinner disc				
2 pcs 1/4" Extension bars 2" and 4"				
1 pc 1/4" Sliding T-bar				
1 pc 1/4" Universal joint				
1 pc 1/4" Spinner handle				
1 pc 1/4" Flexible extension bar 6"				
3 pcs L-Keys Hex 1.5 2 2.5 mm				
1 pc 1/4" Ratchet handle 45 teeth				



S240 Socket Set, Metric

1/2" DIN 3120/ISO 1174.

Finish: Matt chrome-plated.**Material:** Chrome Vanadium.

Plastic case oil and temperature resistant polypropene. Sockets with Dynamic-Drive-Profile™.

Combined set.

Contents: 24 pieces.

Product code	EAN 731415+			
S240	0104017	1	375x215x100	4710
18 pcs 1/2" 6-pt Sockets Dynamic-Drive-Profile 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 27 30 32 mm				
2 pcs 1/2" Extension bars 5" and 10"				
1 pc 1/2" Universal joint				
1 pc 1/2" T-adapter				
1 pc 1/2" Flexible handle 10" with grip				
1 pc 1/2" Ratchet handle 54 teeth				

S240AF Socket Set, Inch

1/2" DIN 3120/ISO 1174.

Finish: Matt chrome-plated.**Material:** Chrome Vanadium.

Plastic case oil and temperature resistant polypropene. Sockets with Dynamic-Drive-Profile™.

Combined set.

Contents: 23 pieces.

Product code	EAN 731415+			
S240AF	0111077	1	375x215x100	4880
15 pcs 1/2" 6-pt Sockets Dynamic-Drive AF 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1 1-1/16 1-1/8 1-3/16 1-1/4"				
2 pcs 1/2" Extension bars 5" and 10"				
1 pc 1/2" Universal joint				
1 pc 1/2" T-adapter				
2 pcs 1/2" Spark plug sockets 6-pt 5/8" (16), 13/16" (21)				
1 pc 1/2" Flexible handle 10" with grip				
1 pc 1/2" Ratchet handle 54 teeth				

S910 Socket Set, Inch

1/2" and 1/4" DIN 3120/ISO 1174.

Finish: Matt chrome-plated.**Material:** Chrome Vanadium.

Plastic case oil and temperature resistant polypropene. Sockets with Dynamic-Drive-Profile™.

Combined set.

Contents: 91 pieces.

Product code	EAN 731415+			
S910	0104000	1	375x320x110	6880
12 pcs 1/4" 6-pt Sockets Dynamic-Drive-Profile 4 4.5 5 5.5 6 7 8 9 10 11 12 13 mm				
10 pcs 1/4" 6-pt Deep Sockets Dynamic-Drive-Profile 4 5 6 7 8 9 10 11 12 13 mm				
13 pcs 1/2" 6-pt Sockets Dynamic-Drive-Profile 10 11 12 13 14 15 17 19 22 24 27 30 32 mm				
2 pcs 1/4" Extension bars 2" and 4"				
1 pc 1/4" Sliding T-bar				
1 pc 1/4" Universal joint				
1 pc 1/4" Bit holder				
1 pc 1/4" Bit adapter				
1 pc 1/4" Spinner handle				
1 pc 1/4" Magnetic adapter				
4 pcs 1/4" Bits Phillips # 0 1 2 3				
3 pcs 1/4" Bits flat 4 5.5 7 mm				
3 pcs 1/4" Bits Pozidriv # 1 2 3				
6 pcs 1/4" Bits Hex 3 4 5 6 8 10 mm				
8 pcs 1/4" Bits Torx 8 10 15 20 25 27 30 40				
3 pcs 5/16" Bits Torx 45 50 55				
2 pcs 1/2" Extension bars 5" and 10"				
1 pc 1/2" Universal joint				
1 pc 1/2" Spark plug socket 6-pt 21 mm (13/16")				
1 pc 1/2" x 5/16" Bit holder				
1 pc 1/2" T-adapter				
3 pcs L-keys Hex 1.5 2 2.5 mm				
1 pc 1/4" Ratchet handle 45 teeth				
1 pc 1/2" Ratchet handle 54 teeth				
4 pcs Flex head wrenches 8-9 10-11 12-13 14-15 mm				
6 pcs Comb. wrenches 8 10 12 13 14 17 mm				

Torque tools made to measure.



Using innovative design and manufacturing techniques, our family of torque measuring tools offers benefits such as greater reliability, flexibility and ease of use. All with a measuring precision that fulfils the exacting requirements of aerospace applications. Simply select the tool or combination of tools you want, depending on the degree of sophistication your application requires.



IZO-DR Torque wrench

Electronic tools which combines accuracy and ease of operating of modern electronic torque tools with a feelable signal when the set torque range is reached. This provides a modern and precise alternative to conventional mechanical torque tools. Feedback by feeling – FEELBACK. The correct torque value is sensed by your hand – you can trust what you feel.

- Tool body made from quality stainless steel with break-proof display cover.
- Tool handle from glass fibre filled nylon incorporating a softer more comfortable santoprene grip.
- Ranges programmable in Nm, Lbf.ft, Lbf.in.
- 2 scroll keys, for fast and easy programming, which are secured against accidental altering. Programmable torque value with tolerance accuracy $\pm 2\%$.
- Quick battery change with data and set value retention during battery exchange. Power safe feature and low battery warning.
- Auto zero check on power up.
- Dust and splash water protection.
- Operating temperature range: 5 °C – 42 °C and storage temperature range: -10 °C – 50 °C.
- Supplied with fixed ratchet head and three AA batteries.



IZO-DM, IZO-DFM and IZO-DRM Torque wrench

Electronic torque tools combine accuracy and ease of operating of modern electronic torque tools with a feelable signal when the set torque range is reached. This provides a modern and precise alternative to conventional mechanical torque tools. Feedback by FEELBACK: The correct torque value is sensed by your hand – you can trust what you feel.

- Tool body made from quality stainless steel with break-proof display cover.
- Tool handle from glass-fibre filled nylon, incorporating a softer more comfortable santoprene grip.
- Ranges programmable in Nm, Lbf.ft., Lbf.in. 2 scroll keys for fast and easy programming, which are secured against accidental altering. Programmable torque value with tolerance accuracy $\pm 2\%$, ± 1 digit.
- Quick battery change with data and set value retention during battery exchange. Power safe feature and low battery warning.
- Wrench gives up to 100 hours of continuous operation. Auto zero check on power up.
- Dust and splash water protection.
- Operating temperature range: 5 °C – 42 °C and storage temperature range: -10 °C – 50 °C.
- Memory capacity 1000 values. Storage of fastener No., unit of measurement and memory recall of stored data with fastener No.
- PC software (Excel format), RS 232 serial link. Supplied with reversible ratchet head, software, cable and three AA batteries.



Product code	EAN 731415+			Nm	lb.ft	lb.in.	mm	g
IZO-DR-810	1846817	1	3/4"	81-810	59.72-5974.2	716.9-7169	1230	4530

Product code	EAN 731415+		mm		Nm	lb.in.		mm	g
IZO-DM-30	1846909	1	9x12	1/4"	3-30	26.6-265.5	6852-1	405	930
IZO-DM-100	1848200	1	9x12	3/8"	7-135	62-1195	7452-1	450	1000
IZO-DM-200	1846916	1	14x18	1/2"	20-200	177-1770	7852-1	535	1345
IZO-DM-340	1846923	1	14x18	1/2"	34-340	301-3009	7852-1	650	1525
IZO-DFM-30	1846862	1	9x12	1/4"	3-30	26.6-265.5	-	405	775
IZO-DFM-100	1848217	1	9x12	3/8"	7-135	62-1195	-	450	1000
IZO-DFM-200	1846879	1	14x18	1/2"	20-200	177-1770	-	535	1500
IZO-DFM-340	1846886	1	14x18	1/2"	34-340	301-3009	-	650	1665
IZO-DRM-810	1846893	1		3/4"	81-810	716.9-7169		1230	4530

IZO-D Torque wrench

The IZO-D electronic tool combines accuracy and ease of operating of modern electronic torque tools with a feelable signal when the set torque range is reached. This provides a modern and precise alternative to conventional mechanical torque tools. Feedback by: FEELBACK. The correct torque value is sensed by your hand – you can rely on what you feel! Tool body made from quality stainless steel with break-proof display cover. Tool handle from glass filled nylon incorporating a santoprene grip. Ranges programmable in Nm, Lbf.ft, Lbf.in. 2 scroll keys, for fast and easy programming, which are secured against accidental altering. Programmable torque value with tolerance. Accuracy 2%. Quick battery changes. Power safe feature. Dust and splash water protection. Low battery warning. Auto zero check on power up. Data and set value retention during battery exchange. Operating temperature range: 5 °C – 42 °C. Storage temperature range: -10 °C – 50 °C. Supplied with reversible ratchet head and three AA batteries.



Product code	EAN 731415+	mm	Nm	lb.in.	mm	g	
IZO-D-30	1846824	1	9x12	1/4"	3–30	26.6–265.5	6852-1
IZO-D-135	1845827	1	9x12	3/8"	7–135	62–1195	7452-1 445 1000
IZO-D-200	1846831	1	14x18	1/2"	20–200	177–1770	7852-1
IZO-D-340	1846848	1	14x18	1/2"	34–340	301–3009	7852-1

IZO-DF Torque wrench

The IZO-DF electronic tool combines accuracy and ease of operating of modern electronic torque tools with a feelable signal when the set torque range is reached. This provides a modern and precise alternative to conventional mechanical torque tools. Feedback by: FEELBACK. The correct torque value is sensed by your hand – you can rely on what you feel! Tool body made from quality stainless steel with break-proof display cover. Tool handle from glass filled nylon incorporating a santoprene grip. Ranges programmable in Nm, Lbf.ft, Lbf.in. 2 scroll keys, for fast and easy programming, which are secured against accidental altering. Programmable torque value with tolerance. Accuracy 2%. Quick battery changes. Power safe feature. Dust and splash water protection. Low battery warning. Auto zero check on power up. Data and set value retention during battery exchange. Operating temperature range: 5 °C – 42 °C. Storage temperature range: -10 °C – 50 °C. Supplied with reversible ratchet head and three AA batteries.



Product code	EAN 731415+	mm	Nm	lb.in.	mm	g
IZO-DF-30	1846787	1			3–30	26.6–265.5
IZO-DF-135	1845834	1	3/8"	7–135	62–1195	445 1000
IZO-DF-200	1846794	1	1/2"	20–200	177–1770	
IZO-DF-340	1846800	1	1/2"	34–340	301–3009	

6973N-6978N Torque screwdriver with scale, adjustable

Micro adjustable torque screwdriver comfortable shape and user friendly designed grip. Cam-over torque limiting clutch for repeatability and accuracy. Accuracy: ± 6% according DIN/ISO 6789 EN 26789/1994. Easy to read scale under the display. 1/4" hexagon socket retainer with magnet for all bits (1/4" 6.3 DIN 3126, ISO 1174). The additional adapter makes it possible to use 1/4" sockets (1/4" 6.3 DIN 3120, ISO 1174).



Product code	EAN 731415+	inch	mm	g
6973N	1845605	1	1/4"	10–80 cNm 140 200
6976N	1845612	1	1/4"	40–200 cNm 160 260
6978N	1845629	1	1/4"	50–450 cNm 170 300

6873N-6880N Torque wrenches with preset torque value

Preset torque screwdriver comfortable shape and user friendly designed grip. Cam-over torque limiting clutch for repeatability and accuracy. Accuracy: ± 6% according DIN/ISO 6789 EN 26789/1994 1/4" hexagon socket retainer with magnet for all bits (1/4" 6.3 DIN 3120, ISO 1174). The additional adaptor makes it possible to use 1/4" sockets (1/4" DIN 3120, ISO 1174).



Product code	EAN 731415+	inch	mm	g
6873N	1845568	1	1/4"	4–22 cNm 115 145
6876N	1845575	1	1/4"	7–70 cNm 145 200
6878N	1845582	1	1/4"	15–170 cNm 145 200
6880N	1845599	1	1/4"	45–450 cNm 155 280

6981/7481/8181 Double-scale torque wrench

Indication torque wrenches for precise, rapid and easy working.

Finish: Housing black grey, tube pure orange with profiled rubber handle. Handle gives comfortable and positive grip.

Advantages and quality features:

- The unique spiral spring principle results in higher precision and more reliability throughout the scale range.
- Accuracy is in accordance with DIN/ISO 6789/EN 26789/1994.
- Slender main indication needle and slave pointer for precise reading and setting of the torque value.
- Light weight, easy handling, robust and reliable.
- Connecting square on either side to fasten or loosen right hand or left hand threads.
- Integrated ratchet for work in confined and restricted spaces, except for model No. 9581.

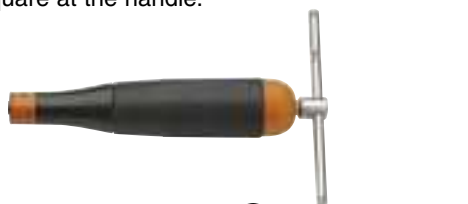


Product code	EAN 731415+						
				Nm	Nm	mm	g
6981A	1807863	1	1/4"	0.3-4	0.1	241	500
6981C	1807856	1	1/4"	0.5-13.5	0.5	241	500
7481A	1807887	1	3/8"	3-40	1	241	530
7481C	1807849	1	3/8"	6-80	2	430	1340
8181A	1807832	1	1/2"	6-80	2	430	1360
8181C	1807825	1	1/2"	20-215	5	505	1410

BE-6990-AH

4" female hexagon drive. **Material:** Three component handle made of polyamide, ESD Nitrile rubber, shore hardness 70 degrees and aluminium alloy with anodised black finish.

- Accuracy: +/- 6 %.
- Setting: Torque is increased by turning clockwise and decreased by turning anti-clockwise. Adjustment can be made easily and accurately with a torque calibration rig.
- T-handle: In order to apply the required torque with less effort, the self-locking T-handle can be inserted into the 1/4" female square at the handle.



Product code	EAN 731415+					
				Nm	mm	g
BE-6990-AH	1848691	1	1/4"	0.5-15	150	335

8981/9581 Double-scale torque wrench with signal light

Indication torque wrenches for precise, rapid and easy working.

Finish: Housing black grey, tube pure orange with profiled rubber handle. Handle gives comfortable and positive grip.

Advantages and quality features:

- The unique spiral spring principle results in higher precision and more reliability throughout the scale range.
- Accuracy is in accordance with DIN/ISO 6789/EN 26789/1994.
- Slender main indication needle and slave pointer for precise reading and setting of the torque value.
- Light weight, easy handling, robust and reliable.
- Connecting square on either side to fasten or loosen right hand or left hand threads.
- Integrated ratchet for work in confined and restricted spaces, except for model No. 9581.



Product code	EAN 731415+						
				Nm	Nm	mm	g
8981	1837518	1	3/4"	30-400	10	710	3150
8981A	1807818	1	3/4"	40-800	20	1001	4720
9581C	1807801	1	1"	200-2000	50	2040	17340

7451/7851 Torque wrenches with scale

Window clicker wrench.

Finish: Chrome-plated. Easy to read "window" scale.

Accuracy: ± 3%, single direction. A pull down locking knob on a grip for quick and easy torque adjustment. Single torque scale for easy use. Fixed ratchet head, 32 teeth, 11,25° action. Locking mechanism keeps the socket captive. Quick change of sockets by pressing the release button. Handle customised to give optimum user comfort and with a 0.1 Nm graduation.



Product code	EAN 731415+						
				mm	Nm	Nm	g
7451-20	1845452	1	3/8"	355	2-20	1	900
7451-100	1845469	1	3/8"	418	10-100	5	1000
7851-200	1845476	1	1/2"	515	20-200	10	1300
7851-340	1845483	1	1/2"	515	70-340	20	1300

6852/7452/7852 Torque wrenches with presetable torque value

Window clicker wrenches.

Finish: Chrome-plated. Easy to read "window" scale.

Accuracy: ± 3%, single direction. A pull down locking knob on a grip for quick and easy torque adjustment. Single torque scale for easy use. Interchangeable ratchet head.

Handle customised to give optimum user comfort and with a 0.1 Nm graduation.



Product code	EAN 731415+			Nm		Nm	mm		mm		g
6852-20	1845490	1	2-20	1	9x12	335	800				
7452-100	1845506	1	10-100	5	9x12	380	900				
7852-200	1845513	1	20-200	10	14x18	493	1300				
7852-340	1845520	1	70-340	20	14x18	493	1300				

8952F Torque wrench with scale, socket accommodation

Finish: Nickel and chrome-plated.

Material: VANADIUM-EXTRA.

- Reliable and rugged construction.
- Light weight, easy handling, slender, modern design.
- Easy to read measuring scale (Nm).
- When the preset torque value is reached the signal can be felt and heard.
- Lockable handle prevents accidental alteration of torque value.
- Accuracy is in accordance with DIN/ISO 6789/EN 26789/1994.
- Right-hand turn for controlled screw tightening (the torque wrench can also be used for controlled left screw tightening, when turned over by 180°). Left turn to loosen screws without torque indication.
- Micrometer measuring system.
- Signalling (automatic disengagement).
- Engraved scale.
- Setting handle with comfortable, fine-profile plastic hand-protection and a graduation of 2 Nm.
- Lockable for work with alternating torque values.
- Each torque tool is supplied with a serial number and a warranty certificate of its own.



Product code	EAN 731415+			Nm		Nm	mm		mm		g
8952F	1808433	1	120-600	Nm	20	Nm	14x18	928	4540		

6852/7452/7852/8952 Reversible ratchet insert tool

Finish: Forged, nickel and chrome-plated.

Material: VANADIUM-EXTRA. Assignment of ratchet heads to mechanical and electronic torque wrenches.

Inserts 9x12 mm:

(Ratchet head 1/4" drive) 6852P-25, 6852-20.

IZO-D-30, IZO-DM-30, IZO-DF-30, IZO-DFM-30.

(Ratchet head 3/8" drive) 7452P-50, 7452P-85, 7452-100.

IZO-D-135, IZO-DF-135, IZO-DM-135, IZO-DFM-135.

Inserts 14x18 mm:

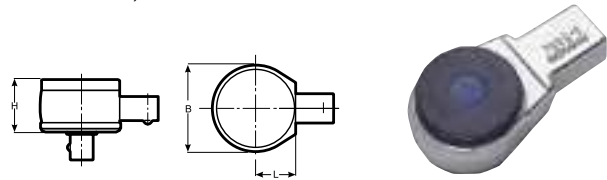
(Ratchet head 1/2" drive) 7852P-200, 7852-200.

IZO-D-200, IZO-DF-200, IZO-DM-200, IZO-DFM-200.

IZO-D-340, IZO-DF-340, IZO-DM-340, IZO-DFM-340.

(Ratchet head 3/4" drive) 8952F.

IZO-DR-810, IZO-DRM-810.



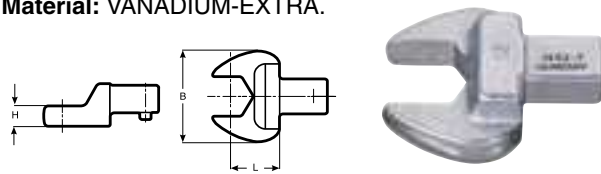
Product code	EAN 731415+			mm	L mm	B mm	H mm		g
6852-1	1827519	1	1/4"	9x12	15	20	14.0	65	
7452-1	1703646	1	3/8"	9x12	16	36	21.0	75	
7852-1	1703998	1	1/2"	14x18	25	38	22.5	200	
8952-1	1815493	1	3/4"	14x18	33	64	33.0	770	

7452-7 Open-end insert tool

Insert 9x12 mm.

Finish: Nickel and chrome-plated.

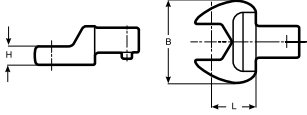
Material: VANADIUM-EXTRA.






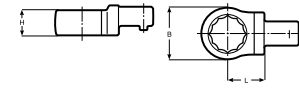
Product code	EAN 731415+			mm	L mm	B mm	H mm		g
7452-7-7	1713010	1	7	9x12	15	22	5.0	35	
7452-7-8	1713287	1	8	9x12	15	22	5.0	35	
7452-7-9	1705770	1	9	9x12	15	25	5.5	35	
7452-7-10	1705855	1	10	9x12	15	25	5.5	40	
7452-7-11	1705930	1	11	9x12	15	25	5.5	30	
7452-7-13	1706074	1	13	9x12	16	30	7.0	35	
7452-7-14	1706159	1	14	9x12	17	35	8.0	40	
7452-7-15	1707989	1	15	9x12	17	35	8.0	40	
7452-7-16	1708016	1	16	9x12	17	38	8.5	45	
7452-7-17	1708283	1	17	9x12	20	38	8.5	60	
7452-7-18	1839321	1	18	9x12	20	42	9.0	70	
7452-7-19	1708368	1	19	9x12	20	42	9.0	70	




7852-7 Open-end insert tool

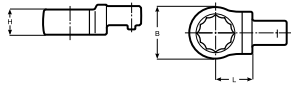
Insert 14x18 mm.




Finish: Nickel and chrome-plated.**Material:** VANADIUM-EXTRA.

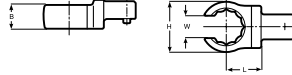
Product code	EAN 731415+		 mm	mm	L mm	B mm	H mm	 g
7852-7-13	1709334	1	13	14x18	25.0	30	7	120
7852-7-14	1709419	1	14	14x18	25.0	35	8	120
7852-7-15	1709686	1	15	14x18	25.0	35	8	120
7852-7-17	1709761	1	17	14x18	25.0	38	9	130
7852-7-18	1839338	1	18	14x18	25.0	42	10	145
7852-7-19	1709846	1	19	14x18	25.0	42	10	145
7852-7-22	1839345	1	22	14x18	25.0	53	10	175
7852-7-24	1710187	1	24	14x18	27.5	53	10	170
7852-7-27	1710262	1	27	14x18	30.0	60	11	185
7852-7-30	1839352	1	30	14x18	30.0	66	14	186
7852-7-32	1808693	1	32	14x18	32.5	66	14	220




7852-8**Finish:** Nickel and chrome-plated.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+		 mm	mm	L mm	B mm	H mm	 g
7852-8-13	1710347	1	13	14x18	25	20.5	11	120
7852-8-14	1710422	1	14	14x18	25	22.0	11	120
7852-8-15	1710699	1	15	14x18	25	23.3	11	115
7852-8-17	1710774	1	17	14x18	25	26.0	11	125
7852-8-19	1710859	1	19	14x18	25	29.0	11	125
7852-8-22	1713362	1	22	14x18	25	33.3	15	140
7852-8-24	1710934	1	24	14x18	25	36.0	15	140
7852-8-27	1711078	1	27	14x18	25	40.0	17	150
7852-8-30	1808716	1	30	14x18	25	45.0	19	160
7852-8-32	1808723	1	32	14x18	25	47.5	19	165

7452-8 Ring insert tool**Finish:** Nickel and chrome-plated.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+		 mm	mm	L mm	B mm	H mm	 g
7452-8-7	1706234	1	7	9x12	15	12.2	8	30
7452-8-8	1706319	1	8	9x12	15	13.5	8	30
7452-8-10	1706586	1	10	9x12	15	16.3	9	30
7452-8-11	1706661	1	11	9x12	15	17.5	9	30
7452-8-12	1706746	1	12	9x12	15	18.5	9	35
7452-8-13	1706821	1	13	9x12	15	20.5	11	35
7452-8-14	1707040	1	14	9x12	15	22.0	11	40
7452-8-15	1708443	1	15	9x12	15	23.3	11	40
7452-8-17	1708528	1	17	9x12	15	26.0	11	40
7452-8-19	1708795	1	19	9x12	15	29.0	11	40



7452-9 Flare nut insert tool**Finish:** Nickel and chrome-plated.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+		 mm	mm	L mm	B mm	H mm	W mm	 g
7452-9-10	1707125	1	10	9x12	15	21.5	11.0	7.1	40
7452-9-11	1707392	1	11	9x12	15	22.5	11.0	8.6	40
7452-9-12	1707477	1	12	9x12	15	23.5	11.0	9.0	40
7452-9-13	1707552	1	13	9x12	15	24.5	11.0	10.0	40
7452-9-14	1707637	1	14	9x12	15	27.0	12.0	11.0	50
7452-9-17	1708870	1	17	9x12	15	30.0	12.0	14.0	65
7452-9-18	1708955	1	18	9x12	15	32.5	14.5	14.9	65
7452-9-19	1709099	1	19	9x12	15	33.5	14.5	15.8	65

7452-10 Welding insert**Finish:** Phosphated.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+		mm	L mm	B mm	H mm	 g
7452-10	1848736	1	9x12	8	14	14.5	30

7852-10 Welding insert**Finish:** Phosphated.**Material:** VANADIUM-EXTRA.

Product code	EAN 731415+		mm	L mm	B mm	H mm	 g
7852-10	1848743	1	14x18	12	25	21.5	98

Impact tools and bits with power to spare.



Made for superior performance in any application, Bahco impact tools and bits offer the power, precision and safety needed in demanding tasks, whether used with an impact spanner or a power driver. A complete and wide assortment of bits and impact sockets are available from our main catalogue.

DF/ Impact socket short, 3/8"

DIN 3129, ISO 2725.

Sockets in metric sizes.

Drive: 3/8"




DIN 3121- F 10/ISO 1174.

Finish: Cold forged, phosphated.**Material:** CHROMO-EXTRA.

Sockets length 25 mm, 14, 15, 16, 17, 18, 19 mm with length 28 mm.

With Dynamic-Drive-Profile™. 2 pcs removable three section plastic box. For safety, use clamping springs!



Product code	EAN 731415+			
DF/S12	8280291	6	8 9 10 11 12 13 14 15 16 17 18 19	1065

DFD/ Impact socket deep, 3/8"

DIN 3129, ISO 2725.

Long sockets in metric sizes.

Drive: 3/8"




DIN 3121- F 10/ISO 1174.

Finish: Cold forged, phosphated.**Material:** CHROMO-EXTRA.

Sockets length 63 mm. With Dynamic-Drive-Profile™.

2 pcs removable three section plastic box. For safety, use clamping springs!



Product code	EAN 731415+			
DFD/S7	8280277	6	8 10 13 14 16 17 19	1375
DFD/S12	8280284	6	8 9 10 11 12 13 14 15 16 17 18 19	1880

**D-DD/ Impact socket deep, 1/2"**

DIN 3129, ISO 2725.

Mixed set with 10 pcs deep and 10 pcs standard impact sockets.




Drive: 1/2"

DIN 3121- F 10/ISO 1174.

Finish: Cold forged, phosphated.**Material:** CHROMO-EXTRA.

Sockets length 38 mm and 80 mm of each size. With Dynamic-Drive-Profile™. 3 pcs removable three section plastic box. Case with two component handle. For safety, use clamping springs!



Product code	EAN 731415+			
D-DD/S20	8280345	4	10 11 12 13 14 15 16 17 18 19	4765

DD/ Impact socket deep, 1/2"

DIN 3129, ISO 2725.

Long sockets in metric sizes.

Drive: 1/2"




DIN 3121-G 12.5, ISO 1174.

Finish: Cold forged, phosphated.**Material:** CHROMO-EXTRA.

Sockets length 80 mm, 22, 24, 27 mm with length 88 mm. With Dynamic-Drive-Profile™.

3 pcs removable three section plastic box in DD/S14. Case with two component handle. For safety, use clamping springs!



Product code	EAN 731415+			
DD/S10	8280321	6	10 11 12 13 14 15 16 17 18 19	3020
DD/S14	8280338	4	10 11 12 13 14 15 16 17 18 19 21 22 24 27	5085

D/ Impact socket, 1/2"

DIN 3129, ISO 2725.

Sockets in metric sizes.

Drive: 1/2"




DIN 3121-G 12.5, ISO 1174.

Finish: Cold forged, phosphated.**Material:** CHROMO-EXTRA.

Sockets length 38 mm, 24 and 27 mm with length 45 mm.

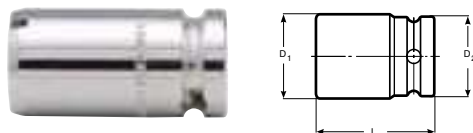
With Dynamic-Drive-Profile™. Removable three section plastic box, 1 pc in D/S14 and 2 pc in D/S10. For safety, use clamping springs!



Product code	EAN 731415+			
D/S10	8280307	6	10 11 12 13 14 15 16 17 18 19	1595
D/S14	8280314	6	10 11 12 13 14 15 16 17 18 19 21 22 24 27	2155

6972H Adaptor, bit holder

DIN 7427 Form A.
Drive: 1/4" DIN 3121-G 6,3 ISO 1174.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.
 For screwdriver bits with 1/4" male hexagon drive:
 DIN 3126-C 6.3 ISO 1173.
 * with spring collar.



Product code	EAN 731415+				L mm	D2 mm		
6972H	1215934	1	1/4**	1/4"	26.0	13.0	K560F-1	18

7807H-7809H Adaptors, holder

Finish:
Model 1: Phosphated.
Model 2: Phosphated.
Material: VANADIUM-EXTRA.
Bit-holding device: For screwdriver bits with 1/4", 5/16", 11 mm male hexagon drive: DIN 3126-C, ISO 1173.
Model 1: DIN 7427-A.
Model 2: Do not conform to DIN 3126-C, ISO 1173.
 * with spring collar.
 ** with locking screw.



Mo. 1



Mo. 2

Product code	EAN 731415+		Mo.			L mm	D2 mm		
7807H	1232764	1	* 1	1/4"	1/2"	38	25	K560F-4	70
7808H	1232771	1	* 1	5/16"	1/2"	38	25	K560F-4	75
7809H	1232788	1	** 2	11.2 mm	1/2"	38	25	K560F-4	90

7407H-7409H Adaptors, bit holders

Finish:
Model 1: Phosphated.
Model 2: Phosphated.
Material: VANADIUM-EXTRA.
Bit-holding device: For screwdriver bits with 1/4", 5/16", 11 mm male hexagon drive: DIN 3126-C, ISO 1173.
Model 1: DIN 7427-A.
Model 2: Do not conform to DIN 3126-C, ISO 1173.
 * with spring collar.
 ** with locking screw.



Product code	EAN 731415+				L mm	D2 mm		
7407H	1218249	1	* 1/4"	3/8"	26	19	K560F-2	35
7408H	1218300	1	* 5/16"	3/8"	26	19	K560F-2	43
7409H	1218355	1	** 11 mm	3/8"	34	22	K560F-3	43



KS7401 Swivel socket, Metric





Impact swivel sockets in metric sizes, eliminating the need for a universal joint.

Drive: 3/8".

Finish: Cold forged, phosphated.

Material: CHROMO-EXTRA.



Product code	EAN 731151+			 L mm	 g
KS7401M-8	8277437	10	8	50	70
KS7401M-9	8277444	10	9	50	70
KS7401M-10	8277451	10	10	51	70
KS7401M-11	8277468	10	11	52	70
KS7401M-12	8277475	10	12	53	75
KS7401M-13	8277482	10	13	54	80
KS7401M-14	8277499	10	14	55	90
KS7401M-15	8277505	10	15	56	90
KS7401M-16	8277512	10	16	57	95
KS7401M-17	8277529	10	17	62	100
KS7401M-18	8277536	10	18	64	105
KS7401M-19	8277543	10	19	65	110
KS7401M-22	8277550	10	22	68	135

K7401Z Socket, Inch

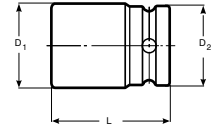
DIN 3129/ISO 2725.





Drive: 3/8" DIN 3121-G10, ISO 1174.

Finish: Cold forged, phosphated.

Material: CHROMO-EXTRA.

With Dynamic-Drive-Profile™.



Product code	EAN 731415+			D1 mm	D2 mm	 L mm	 g
K7401Z-3/8	1823078	1	3/8	15.2	19	26	30
K7401Z-7/16	1844375	1	7/16	16.7	19	26	35
K7401Z-1/2	1844332	1	1/2	18.8	19	27	45
K7401Z-9/16	1844349	1	9/16	20.5	22	27	55
K7401Z-5/8	1844356	1	5/8	22.5	22	28	60
K7401Z-11/16	1844363	1	11/16	24.4	22	29	65
K7401Z-3/4	1844387	1	3/4	26.8	22	30	75
K7401Z-13/16	1844394	1	13/16	28.5	22	31	85
K7401Z-7/8	1844370	1	7/8	30.0	22	32	95

KT7406M Deep socket, Metric

Power socket 3/8", deep and thin walled. Do not use thin wall socket with impact drivers!





Drive: 3/8" DIN 3121-F10/ISO 1174

DIN3129/ISO 2725.

Finish: Forged, phosphated.

Material: CHROMO-EXTRA.



Product code	EAN 731415+			 L mm	 g
KT7406M-13	1847630	1	13	65	80
KT7406M-14	1847647	1	14	65	84
KT7406M-15	1847654	1	15	65	95
KT7406M-17	1847661	1	17	66	100

K7401TORX® Socket, Torx® 

DIN 3129/ISO 2725. Socket for Torx® head screws, external.

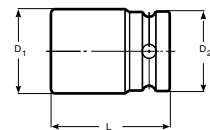
Drive: 3/8" DIN 3121-G10, ISO 1174.






Finish: Forged, phosphated.

Material: CHROMO-EXTRA.

Drive with through hole for power driven machines.

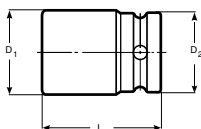
** = special screws.



Product code	EAN 731415+			D1 mm	D2 mm		 L mm	 g
K7401TORX-E5	1844400	1	E5	8.5	19	M4	28	28
K7401TORX-E6	1844417	1	E6	9.6	19	M4+5	28	28
K7401TORX-E7	1844424	1	E7	10.3	19	**	28	28
K7401TORX-E8	1844431	1	E8	11.5	19	M5+6	28	28
K7401TORX-E10	1844448	1	E10	13.5	19	M6+8	28	34
K7401TORX-E12	1844456	1	E12	15.3	19	M8+10	28	35
K7401TORX-E14	1844462	1	E14	17.5	19	M10+12	28	39

K7406M Long socket, Metric

Long sockets in metric sizes.
Drive: 3/8" DIN 3121-G10, ISO 1174.
Finish: Cold forged, phosphated.
Material: CHROMO-EXTRA.
 With Dynamic-Drive-Profile™.
 T = Depth of female hexagon.



Product code	EAN 731415+			D1 mm	D2 mm	T mm	L mm	
K7406M-10	1844479	1	10	15.9	19	7.0	54	47
K7406M-13	1844486	1	13	19.7	19	10.4	54	68
K7406M-17	1844493	1	17	24.5	22	11.2	66	100

K7760C Extensions

Long sockets in metric sizes.
Drive: 3/8" DIN 3121-G10, ISO 1174.
Finish: Forged, phosphated.
Material: VANADIUM-EXTRA.
 * with spring loaded pin.



Product code	EAN 731415+					mm		
K7760C-1	1222369	1	3/8	3/8	75	19	K560F-2	76
K7760C-2	1222376	1	3/8	3/8	150	19	K560F-2	148

K560 Clamping springs

Clamping springs.
Material: Spring steel.



Product code	EAN 731415+					
K560F-2	1825324	1	3/8	7-12	E5-E14	2
K560F-3	1825331	1	3/8	13-19		2

K6964C/K8164C Adaptors

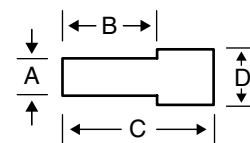
Adaptor 3/8" drive.
Drive: 3/8" DIN 3121-G10, ISO 1174.
Finish: Forged, phosphated.
Material: VANADIUM-EXTRA.
 With spring loaded pin.
 ** = with through hole.



Product code	EAN 731415+					mm		
K6964C	1215170	1	1/4	3/8	30	19	K560F-2	35
K8164C	1237523	1	**1/2	3/8	35	19	K560F-2	53

K172 Adaptors, universal holder

For screwdriver bits with 1/4" male hexagon drive:
 DIN-3126-C/ISO 1173.
Drive: 3/8" DIN 3121-G10, ISO 1174.
Finish: Forged, phosphated.
Material: VANADIUM-EXTRA.
 * with spring collar.








Product code	EAN 731415+				A mm	B mm	C mm	D mm		
K172	1149819	1	*1/4	3/8	11.1	32	50	19	K560F-2	50






50MH Bits for slotted head screws **Drive:** 1/4" DIN 3126-C 6.3, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA. DIN 3127 ISO 2351.

* additional sizes not included in the norm.



Product code	EAN 731415+				 L mm	 g
50MH-0.5-3.0	1141974	10	0.5	3.0	39	4
50MH-0.5-4.0	1803483	10	0.5	4.0	39	5
50MH-0.6-3.5	1141981	10	0.6	3.5	39	5
50MH-0.6-4.0	1614461	10	* 0.6	* 4.0	39	5
50MH-0.6-4.5	1142001	10	0.6	4.5	39	6
50MH-0.8-4.0	1803490	10	0.8	4.0	39	6
50MH-0.8-5.5	1142032	10	0.8	5.5	39	7
50MH-1.0-5.5	1142049	10	1.0	5.5	39	7
50MH-1.0-6.0	1142056	10	* 1.0	* 6.0	39	8
50MH-1.0-7.0	1142070	5	* 1.0	* 7.0	39	9
50MH-1.2-6.5	1142063	5	1.2	6.5	39	9
50MH-1.2-8.0	1142100	5	1.2	8.0	39	11
50MH-1.6-8.0	1142117	5	1.6	8.0	39	11
50MH-1.6-9.0	1142131	5	1.6	9.0	39	12
50MH-1.6-10.0	1803674	5	1.6	10.0	39	14





50K **Drive:** 1/4" DIN 3126-C 6.3, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA. DIN 3127 ISO 2351.

Product code	EAN 731415+				 L mm	 g
50K-0.6-4.5	1825737	10	0.6	4.5	25	5
50K-0.8-5.5	1786670	10	0.8	5.5	25	5
50K-1.0-5.5	1840150	10	1.0	5.5	25	5
50K-1.2-6.5	1786755	10	1.2	6.5	25	6
50K-1.2-8.0	1798901	5	1.2	8.0	25	8
50K-1.6-10.0	1798895	5	1.6	10.0	25	9

52H Bits for Phillips® PH head screws **Drive:** 1/4" DIN 3126-C 6.3, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.
DIN 3127 ISO 2351. DIN 3128.

* additional sizes not included in the norm.







Product code	EAN 731415+			 L mm	 g
52H-0	1144203	10	0	25	5
52H-1	1144210	10	1	25	5
52H-1B	1799328	10	* 1	50	10
52H-2	1144227	10	2	25	5
52H-2B	1144241	10	* 2	50	10
52H-3	1144265	5	3	25	5
52H-4	1404147	5	4	32	8

51PZSDVH Bits for Pozidriv® PZ head screws **Drive:** 1/4" DIN 3126-C 6.3, ISO 1173**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.
DIN 3128.

* additional sizes not included in the norm.



Product code	EAN 731415+			 L mm	 g
51PZSDVH-0	1799373	10	0	25	5
51PZSDVH-1	1671693	10	1	25	5
51PZSDVH-1B	1799304	10	* 1	50	10
51PZSDVH-2	1671778	10	2	25	5
51PZSDVH-2B	1665029	10	* 2	50	10
51PZSDVH-3	1671853	5	3	25	5
51PZSDVH-4	1671938	5	4	32	6





64TORX® Bits for Torx® head screws 

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.








Product code	EAN 731415+					
64TORX-T4	1846947	5	T4	1.30	25	4
64TORX-T5	1846954	5	T5	1.43	25	4
64TORX-T6	1678432	10	T6	1.70	25	4
64TORX-T7	1678517	10	T7	1.99	25	5
64TORX-T8	1678784	10	T8	2.31	25	5
64TORX-T9	1678869	10	T9	2.50	25	5
64TORX-T10	1678944	10	T10	2.74	25	5
64TORX-T15	1679088	10	T15	3.27	25	5
64TORX-T20	1679163	10	T20	3.86	25	5
64TORX-T25	1679248	5	T25	4.43	25	5
64TORX-T27	1679323	5	T27	4.99	25	5
64TORX-T30	1679590	5	T30	5.52	25	6
64TORX-T40	1679675	5	T40	6.65	25	7

66TORX® Screwdriver bits for tamper resistant Torx® head screws 

Tamper resistant. A hole in the end of the bit tip fits over a peg in the centre of the TORX® tamper resistant fastener.



Product code	EAN 731415+					
66TORX-T10	1825522	5	T10	2.74	25	5
66TORX-T15	1825539	5	T15	3.27	25	5
66TORX-T20	1825546	5	T20	3.86	25	5
66TORX-T25	1825553	5	T25	4.43	25	5
66TORX-T27	1825560	5	T27	4.99	25	5
66TORX-T30	1825577	5	T30	5.52	25	6
66TORX-T40	1825584	5	T40	6.65	25	7





60 Bits for Torq-Set® head screws 

Drive: 1/4" DIN 3126-C 6.3, ISO 1173

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.



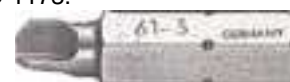
Product code	EAN 731415+				
60-0	1626716	5	0	25	5
60-1	1626983	5	1	25	5
60-2	1593797	5	2	25	5
60-3	1627010	5	3	25	5
60-4	1593872	5	4	25	5
60-5	1627287	5	5	25	5
60-6	1593957	5	6	25	6
60-8	1357399	5	8	25	6
60-10	1594091	5	10	25	6
60-1/4	1352417	5	1/4"	32	8





61 Screwdriver bits for Tri-Wing® head screws 

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+				
61-0	1629144	5	0	25	5
61-1	1545987	5	1	25	5
61-2	1546014	5	2	25	5
61-3	1546281	5	3	25	5
61-4	1546366	5	4	25	5
61-5	1546441	5	5	25	5

55M Bits for hexagon metric socket head screws 

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.





Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.

DIN 7426 ISO 3109.

• additional sizes not included in the norm.



Product code	EAN 731415+				
55M-1.5	1144364	5	1.5	25	3
55M-2.0	1144371	5	2	25	3
55M-2.5	1144388	5	2.5	25	3
55M-3.0	1144395	5	3	25	3
55M-4.0	1144401	5	4	25	5
55M-5.0	1144418	5	5	25	7
55M-6.0	1144425	5	6	25	10
55M-8.0	1090715	5	8	35	12
55M-10.0	1090722	5	10	35	17

55Z Screwdriver bits for hexagon inch socket head screws 





Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.

DIN 7426 ISO 3109.



Product code	EAN 731415+				
55Z-1/16	1144500	5	1/16	25	3
55Z-5/64	1144517	5	5/64	25	3
55Z-3/32	1144524	5	3/32	25	3
55Z-7/64	1847180	5	7/64	25	3
55Z-1/8	1144531	5	1/8	25	3
55Z-9/64	1847197	5	9/64	25	3
55Z-5/32	1144548	5	5/32	25	5
55Z-3/16	1144555	5	3/16	25	5
55Z-7/32	1144562	5	7/32	25	8
55Z-1/4	1144579	5	1/4	25	8
55Z-5/16	1090821	5	5/16	35	12
55Z-3/8	1090838	5	3/8	35	15

52HTIN TIN screwdriver bits for





Titanium-nitride coated bit for Phillips® PH head screws. Robust, durable and extremely long-wearing. TiN-Bits are equal to any challenge. With longer service life guaranteed. High level of durability even under maximum strain.

Finish: Titan-Nitride plated.

Material: VANADIUM-EXTRA.

DIN 3128. Drive 1/4" DIN 3126-C 6.3, ISO 1173.



Product code	EAN 731415+				
52HTIN-1	1840211	10	1	25	8
52HTIN-2	1840228	10	2	25	9
52HTIN-3	1840235	10	3	25	10

51PZTIN TIN screwdriver bits for





Robust. Durable. Extremely hard-wearing. Based on a titanium-nitride coating. TiN-Bits are equal to any challenge. With longer service life guaranteed. High level of durability even under maximum strain.

Finish: Titan-Nitride plated.

Material: VANADIUM-EXTRA

DIN 3128. Drive 1/4" DIN 3126-C 6.3, ISO 1173.



Product code	EAN 731415+				
51PZTIN-1	1840310	10	1	25	8
51PZTIN-2	1840327	10	2	25	9
51PZTIN-3	1840334	10	3	25	10

52H50TIN TIN screwdriver bits for





Titanium-nitride coated bit for Phillips® PH head screws. Robust, durable and extremely long-wearing. TiN-Bits are equal to any challenge. With longer service life guaranteed. High level of durability even under maximum strain.

Finish: Titan-Nitride plated.

Material: VANADIUM-EXTRA.

DIN 3128. Drive 1/4" DIN 3126-C 6.3, ISO 1173.



Product code	EAN 731415+				
52H50TIN-1	1840648	10	1	50	8
52H50TIN-2	1840655	10	2	50	9

51PZ50TIN TIN screwdriver bits for





Robust. Durable. Extremely long-wearing. Based on a titanium-nitride coating. TiN-Bits are equal to any challenge. With longer service life guaranteed. High level of durability even under maximum strain.

Finish: Titan-Nitride plated.

Material: VANADIUM-EXTRA.

DIN 3128. Drive 1/4" DIN 3126-C 6.3, ISO 1173.



Product code	EAN 731415+				
51PZ50TIN-1	1840679	10	1	50	8
51PZ50TIN-2	1840686	10	2	50	9



KM653 Adaptors with permanent magnet and spring collar

With permanent magnet. Male hexagon and female hexagon.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA. Shank length 34 mm/ 1 11/32". **KM653-1P** enduser units containing 1 adaptor.



Product code	EAN 731415+				Ø mm		
KM653	1786915	5	1/4"	1/4"	10	50	12
KM653-1P	1840709	1	1/4"	1/4"	10	50	20

KM6726 Power magnetic nut driver

Power magnetic nut driver. Hold ferrous metal fasteners positioned in driver for fast installation.

Drive: 1/4" DIN 3126-E 6.3, ISO 1173.

Finish: Steel-grey, greased. **Material:** VANADIUM-EXTRA.



Product code	EAN 731415+					
KM6726-1/4	1848569	50	1/4"	1/4"	65	29
KM6726-8	1848521	50	8	8	65	31
KM6726-10	1848538	50	10	10	65	36
KM6726-12	1848545	50	10	10	65	44

K6726 Power nut driver

Power nutdriver, with spring to hold non-ferrous metal fasteners positioned in driver for fast installation.

Drive: 1/4" DIN 3126-E 6.3, ISO 1173.

Finish: Steel-grey, greased. **Material:** VANADIUM-EXTRA.

K6726/S6 set of six.



Product code	EAN 731415+					
K6726-1/4	1848316	50	1/4"	1/4"	65	29
K6726-8	1848576	50	8	8	65	31
K6726-10	1848583	50	10	10	65	36

K6729 Adaptors

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Phosphated. **Material:** VANADIUM-EXTRA.

Hexagon male 1/4" to square male 1/4". * with spring loaded pin.



Product code	EAN 731415+					
K6729	1387389	5	1/4"	1/4"	21.5	14

KM653-QR Adaptors with permanent magnet and quick release

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased. **Material:** VANADIUM-EXTRA.

Shank length 34 mm/ 1 11/32".

KM653-QR-1P enduser units containing 1 adaptor.



Product code	EAN 731415+					
KM653-QR	0115983	5	1/4"	1/4"	60	15
KM653-QR-1P	1848507	1	1/4"	1/4"	60	20

K6726/ Power magnetic nut driver

Drive: 1/4" DIN 3126-E 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.

Set of power magnetic nut drivers. Ideal for use with cordless drills and screwdrivers. Magnets keep ferrous metal fasteners positioned in driver for fast installation and removal. Includes 8, 10, 12 and 14 mm magnetic drivers in plastic storage case.



Product code	EAN 731151+			
K6726/S4	8276508	5	100x80x30	200

7865 Impact driver bit set

Impact driver set. Driver delivers cam action impact when struck with a hammer for loosening or tightening fasteners.

Set includes driver and 12 bits.

Bits: Slotted 5, 6, 8, 10 mm.

Phillips® PH: 1, 2, 3, 4. Hex 4, 5, 6, 8.



Product code	EAN 731151+			
7865	8276720	1	220x90x55	1000

K6728C/K7428C Male hexagon to male square

DIN 7428.

Drive: 1/4" DIN 3126-E 6.3, ISO 1173.

Finish: Phosphated. **Material:** VANADIUM-EXTRA.

* with spring loaded pin.



Product code	EAN 731415+				L mm	
K6728C-1	1210533	1	1/4"	1/4"	50	14
K6728C-2	1210540	1	1/4"	1/4"	100	18
K7428C-1	1220624	1	3/8"	1/4"	50	20

59/S31 Bit set for slotted, Phillips® PH, Pozidriv® PZ, and hexagon head screws

Bit set with 31 pcs in a small plastic box.

Drive: 1/4" DIN 3126C 6.3, ISO 1173.

Finish: Steel grey greased.



Product code	EAN 731151+		
59/S31	8276713	1	230
SL 0.5x3.0 0.6x4.5 0.8x5.5			
PH1 4xPH2 PH3 2xGRAB PH2			
TORX® T10 2xT15 2xT20 T25 T27 2xT30			
PZ PZ1 4xPZ2 Pz3			
HEX 3 4 5 6 mm			
KM653-QR			

SB-59/S15-1 Bit magazine 1/4"

Bit magazine with 14 bits and one quick release adaptor.

Finish: Steel grey, greased.

Contents: Phillips 1 pce PH-1, 2 pcs PH-2. Pozidriv 1 pce PZ-1, 2 pcs PZ-2, 1 pce PZ-3. TORX T-10, T-15, T-20. Slotted 2 pcs 0.6-4.5, 2 pcs 1.0-5.5. Adaptor with hexagon drive 1/4" female, 1/4" male.



Product code	EAN 731415+		
SB-59/S15-1	1849078	12	153

59/S13-1 Bit set for slotted head, Phillips® PH Pozidriv® PZ head screws

Small, useful, practical. Box with 13-piece set. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		
59/S13-1	1840716	1	108
50K 0.6x4.5 0.8x5.5 1.0x5.5 1.2x6.5 1.2x8.0 mm			
52H PH 1 2 3			
51PZ PZ1 2xPZ2 PZ3			
KM653			

59/S13-2 Bit set for Torx® head screws

Small, useful, practical. Box with 13-piece set. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel-grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		
59/S13-2	1840723	1	108
64TORX T 6 7 8 9 10 15 20 23 25 27 30 40			
KM653			

SB-59/S15-4 Bit magazine 1/4"

Bit magazine with 14 bits and one quick release adaptor.

Finish: Steel grey, greased.

Contents: Phillips PH-1, PH-2, PH-3. Pozidrive PZ-1, PZ-2, PZ. TORX T-10, T-15, T-20, T-25, T-3. Slotted 0.6-4.5, 1.2-6.5, 1.2-8.0. Adaptor with hexagon drive 1/4" female, 1/4" male.



Product code	EAN 731415+		
SB-59/S15-4	1849108	12	153

59/S28-1 Bit set for slotted, Phillips® PH, Pozidriv® PZ, Torx® and socket head screws

Small useful practical box with 28 piece set. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		
59/S28-1	1846657	1	190
50K 0.6x4.5 0.8x5.5 1.2x6.5 mm			
52H 2xPH0 2xPH1 2xPH2			
51PZ PZ 0 1 2			
64TORX T 6 7 8 9 10 15 20 25 27			
55M 1.5 2.0 2.5 3.0 4.5 mm			
K6729			
KM653			

59/S28-3 Bit set for slotted, Phillips® PH, hexagon, Tri-wing and Torq-set head screws

1/4", 28 pcs. in a small useful practical box. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		
59/S28-3	1847074	1	210
50K 0.6x4.5 0.8x5.5 1.2x6.5			
52H PH 0 1 2			
55M 1.5 2.0 2.5 3.0 4.0			
60 0 1 2 3 4 5 6 8 10 1/4			
61 0 1 2 3 4 5			
KM653			

59/S28-2 Bit set for slotted, Phillips® PH, Pozidriv® PZ, Hexagon and Torx® tamper resistant head screws

1/4", 28 pcs in a small useful practical box. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126-C 6.3, ISO 1173.

Finish: Steel grey, greased.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+		
59/S28-2	1847067	1	190
50K 0.6x4.5 0.8x5.5 1.2x6.5 1.2x8.0			
52H 2xPH0 2xPH1 2xPH2			
51PZ PZ 0 1 2			
66TORX T10 T15 T20 T25 T27 T30 T40			
55M 1.5 2.0 2.5 3.0 4.0 5.0			
K6729			
KM653			

59/S28-4 Bit set for slotted, Phillips® PH, Torx®, hexagon and Torq-set head screws

1/4", 28 pcs in a small useful practical box. Always handy where professional bits are required. The box has rounded corners and can be easily stored in a pocket.

Drive: 1/4" DIN 3126C 6.3, ISO 1173.

Finish: Steel grey greased.

Material: VANADIUM-EXTRA.








Product code	EAN 731415+		
59/S28-4	1847173	1	210
50K 0.6x4.5 1.2x6.5 1.2x8.0			
52H 2xPH1 2xPH2 PH3			
64TORX® T6 T15			
55Z 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32"			
60 2x4 2x6 2x8 2x10			
K6729			
KM653			

70MH Bits for slotted head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.

DIN 3127 ISO 2351.

* additional sizes not included in the norm.








Product code	EAN 731415+					
					L mm	g
70MH-0.8-5.5	1616243	5	0.8	5.5	41	8
70MH-1.0-6.0	1145026	5	*1.0	*6.0	41	8
70MH-1.0-7.0	1145040	5	*1.0	*7.0	41	10
70MH-1.2-6.5	1145033	5	1.2	6.5	41	8
70MH-1.2-8.0	1145071	5	1.2	8.0	41	12
70MH-1.6-8.0	1145088	5	1.6	8.0	41	12
70MH-1.6-9.0	1145101	5	*1.6	*9.0	41	15
70MH-1.6-10.0	1803575	5	1.6	10.0	41	16
70MH-2.0-12.0	1616755	5	2.0	12.0	41	20
70MH-2.5-14.0	1727314	5	2.5	14.0	41	25





65TORX® Bits for Torx® head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.Suitable holders **K 357, KM 357**.

DIN 7426 ISO 3109.







Product code	EAN 731415+					
					L mm	g
65TORX-T27	1679750	5	T27	4.99	35	10
65TORX-T30	1679835	5	T30	5.52	35	11
65TORX-T40	1679910	5	T40	6.65	35	12
65TORX-T45	1680091	5	T45	7.82	35	13
65TORX-T50	1680176	5	T50	8.83	35	14
65TORX-T55	1680251	5	T55	11.22	35	18

7409KML Bits for hexagon metric socket head screws **Drive:** 11 mm.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.**Bit holding:** Locking screw. Suitable adaptors **7409H, 7809H**.

Product code	EAN 731415+				
				L mm	g
7409KML-3	1218461	5	3	35	15
7409KML-4	1218478	5	4	35	15
7409KML-5	1218485	5	5	35	15
7409KML-6	1218492	5	6	35	20
7409KML-7	1312190	5	7	35	20
7409KML-8	1218508	5	8	35	20
7409KML-10	1218515	5	10	35	22
7409KML-12	1218522	5	12	35	25
7409KML-14	1218539	5	14	35	30
7409KML-17	1233150	5	17	35	35





72H Bits for Phillips® PH head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA. DIN 3128.

Product code	EAN 731415+				
				L mm	g
72H-1	1404222	5	1	32	10
72H-2	1147044	5	2	32	10
72H-3	1147051	5	3	32	10
72H-4	1147068	5	4	38	10

62 Screwdriver bits for Torq-Set® head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.Suitable holders **K 357, KM 357**.

DIN 7426 ISO 3109.







Product code	EAN 731415+				
				L mm	g
62-8	1628680	5	8 mm	32	11
62-10	1628765	5	10 mm	32	11
62-1/4	1628840	5	1/4"	32	12
62-5/16	1628925	5	5/16"	32	12
62-3/8	1629069	5	3/8"	32	14





75M Bits for hexagon metric socket head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA.Suitable holders **K 357, KM 357**.

DIN 7426 ISO 3109.



Product code	EAN 731415+				
				L mm	g
75M-4	1147167	5	4	30	8
75M-5	1147174	5	5	30	10
75M-6	1147181	5	6	30	10
75M-8	1147198	5	8	30	14
75M-10	1091859	5	10	30	20

71PZSDVH Bits for Pozidriv® PZ head screws **Drive:** 5/16" DIN 3126-C 8, ISO 1173.**Finish:** Steel-grey, greased.**Material:** VANADIUM-EXTRA. DIN 3128.

Product code	EAN 731415+				
				L mm	g
71PZSDVH-1	1672584	5	1	32	10
71PZSDVH-2	1672669	5	2	32	10
71PZSDVH-3	1672744	5	3	32	10
71PZSDVH-4	1672829	5	4	38	10

Screwdrivers with superior performance.



Many sophisticated aerospace applications demand the superior precision and flexibility offered by our range of screwdrivers. With a hardened, fine-polished Vanadium-Extra blade, black oxidized tip and non-slip ergonomic handle they are easier to use, more comfortable to hold and significantly more functional. And finding the right tip is as easy, due to the permanent colour coding on both ends of the handle.

BE-8010–BE-8252 For slotted head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.








Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

DIN 5265, ISO 2380-2.

Tip DIN 5264-A, ISO 2380-1.

* additional sizes not included in the norm.



Product code	EAN 731415+							
BE-8010	0010615	5	0.4	2.5	*60	20x122	162	17
BE-8210	1838584	5	0.4	2.5	75	20x122	177	18
BE-8020	0010639	5	0.5	3.0	*60	20x122	162	20
BE-8020L	1838591	5	0.5	3.0	75	20x122	177	22
BE-8220	0047741	5	0.5	3.0	*125	20x122	227	22
BE-8030	0010653	5	0.6	3.5	75	20x122	197	35
BE-8230	0047758	5	0.6	3.5	125	20x122	247	38
BE-8040	0010677	5	0.8	4.0	100	20x122	222	38
BE-8240	0047765	5	0.8	4.0	*175	20x122	297	47
BE-8242	3010803	5	1.0	5.5	150	27x122	272	47
BE-8250L	1838607	5	1.0	5.5	*200	27x122	322	90
BE-8252	3010810	5	1.2	6.5	150	36x122	272	47

BE-8150–BE-8258 For slotted head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.








Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

DIN 5265, ISO 2380-2.

Tip DIN 5264-A, ISO 2380-1.

* additional sizes not included in the norm.



Product code	EAN 731415+							
BE-8150	0010707	5	1.0	5.5	100	27x122	222	70
BE-8155	0010721	5	1.2	6.5	125	36x122	247	101
BE-8250	0047772	5	1.0	5.5	150	27x122	272	75
BE-8255	0047789	5	1.2	6.5	150	36x122	272	114
BE-8256	3010827	5	1.6	8.0	150	36x122	272	135
BE-8257	3010834	5	1.6	8.0	175	36x122	297	140
BE-8258	3010841	5	1.6	10.0	200	36x161	361	195

BE-8330–BE-8455 For slotted head screws 








Stubby type for work in confined spaces.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN 5265 ISO 2380-2.

Tip DIN 5264-A, ISO 2380-1.



Product code	EAN 731415+							
BE-8330	1838614	5	0.6	3.5	25	36x58	83	43
BE-8340	1838621	5	0.8	4.0	25	36x58	83	43
BE-8350	1838638	5	1.0	5.5	25	36x58	83	43
BE-8450	1838645	5	1.0	5.5	45	36x58	103	51
BE-8355	1838652	5	1.2	6.5	25	36x58	83	43
BE-8455	1838669	5	1.2	6.5	45	36x58	103	25
BE-8360	1838676	5	1.2	8.0	25	36x58	83	50

BE-8158–BE-8890 For slotted head screws 

Featuring a hexagon collar for wrench assisted turning.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN 5265 ISO 2380-2.








Tip DIN 5264-A, ISO 2380-1.



BE-8159



BE-8865

Product code	EAN 731415+								
BE-8158	3010858	5	1.0	5.5	125	27x122	247	9	75
BE-8159	3010865	5	1.2	6.5	150	36x122	272	11	125
BE-8160	0010745	5	1.2	8	125	36x122	247	11	142
BE-8260	0047796	5	1.2	8	175	36x122	297	11	165
BE-8865	0010851	5	1.6	8	175	36x161	336	13	176
BE-8870	0010875	5	1.6	10	175	36x161	336	13	200
BE-8880	0010899	5	2.0	12	200	36x161	361	13	272
BE-8890	0010905	5	2.5	14	200	36x161	361	16	276







BE-8600 – BE-8624 For Phillips® PH head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.

* additional sizes not included in the norm.



Product code	EAN 731415+						
BE-8600	0010769	5	0	60	20x122	162	19
BE-8610	0010776	5	1	75	27x122	197	46
BE-8611	8292317	5	1	75	20x122	197	19
BE-8610L	1838683	5	1	* 200	20x122	322	75
BE-8620	0010783	5	2	100	36x122	222	72
BE-8621	8292324	5	2	100	27x222	222	21
BE-8620L	1838690	5	2	* 200	36x122	322	85
BE-8623	3010872	5	3	150	36x122	272	150
BE-8624	3010889	5	4	200	36x161	361	225








BE-8628 – BE-8640 For Phillips® PH-head screws 

Featuring a hexagon collar for wrench assisted turning.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN 731415+							
BE-8628	3010896	5	1	100	27x122	222	9	71
BE-8629	3010902	5	2	125	27x122	247	11	125
BE-8630	0010790	5	3	150	36x122	272	11	154
BE-8640	0010806	5	4	200	36x161	361	13	222







BE-8601/BE-8602 For Phillips® PH-head screws 

Stubby type for work in confined spaces.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN 731415+						
BE-8601	1838706	5	1	25	36x58	83	40
BE-8602	1838713	5	2	25	36x58	83	45







BE-8800 – BE-8824 For Pozidriv® PZ head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.

* additional sizes not included in the norm.



Product code	EAN 731415+						
BE-8800	0042012	5	0	60	20x122	162	19
BE-8810	0010813	5	1	75	27x122	197	40
BE-8811	8292331	5	1	75	20x122	197	21
BE-8810L	1838720	5	1	* 200	20x122	322	75
BE-8820	0010820	5	2	100	36x122	222	72
BE-8821	8292348	5	2	100	27x122	222	21
BE-8820L	1838737	5	2	* 200	36x122	322	85
BE-8823	3010919	5	3	150	36x122	272	155
BE-8824	3010926	5	4	200	36x161	361	225








BE-8828–BE-8840 For Pozidriv® PZ-head screws 

Featuring a hexagon collar for wrench assisted turning.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN 731415+							
BE-8828	3010933	5	1	100	27x122	222	9	XX
BE-8829	3010940	5	2	125	36x122	247	11	XX
BE-8830	0010837	5	3	150	36x122	272	11	136
BE-8840	0010844	5	4	200	36x161	361	13	222







BE-8801/BE-8802 For Pozidriv® PZ-head screws 

Stubby type for work in confined spaces.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle aid for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN ISO 8764-2, ISO 8764-2. Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN 731415+						
BE-8801	1838744	5	1	25	36x58	83	45
BE-8802	1838751	5	2	25	36x58	83	53







BE-8702–BE-8710 For hexagon socket head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. The ball end enables working with hexagon socket head screws in difficult-to-reach positions at angles of up to 30°. This screwdriver is a particularly time-saving tool, because of – quick and easy insertion into the socket head – natural turning movement of the hand without re-inserting the screwdriver tip. It is used in many industries including mechanical engineering, precision engineering, shipbuilding and automotive industries.

BE-8710 with double handle.









Product code	EAN 731415+						
BE-8702	1838768	5	2	100	20x122	222	22
BE-8725	1838775	5	2.5	100	20x122	222	22
BE-8703	0027651	5	3	100	20x122	222	25
BE-8704	0027668	5	4	100	20x122	222	41
BE-8705	0027675	5	5	100	36x122	222	65
BE-8706	0027682	5	6	125	36x122	247	97
BE-8708	0027699	5	8	150	36x122	272	178
BE-8710	0027705	5	10	150	36x161	311	250

BE-8080 For Torq-Set® screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized.

Material: Blade of VANADIUM-EXTRA. Handle of cellulose acetate, impact resistant. Black square plastic handle.



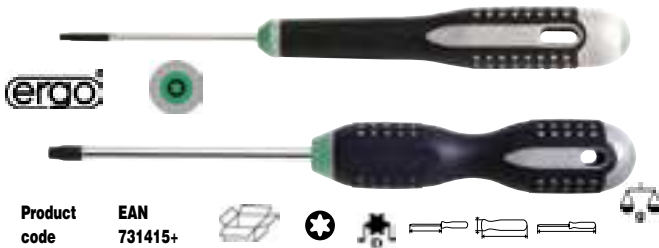
Product code	EAN 731415+						
8080-0	1627362	5	0	60	25x100	160	62
8080-1	1627447	5	1	60	25x100	160	62
8080-2	1593018	5	2	80	25x100	180	65
8080-3	1627522	5	3	80	25x100	180	65
8080-4	1593285	5	4	80	25x100	180	65
8080-5	1627799	5	5	80	25x100	180	65
8080-6	1593360	5	6	80	25x100	180	65

BE-8904 – BE-8945 For Torx® head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

BE-8940 and BE-8945 with double handle.



Product code **EAN**
731415+

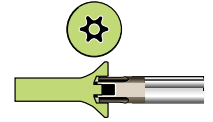
Product code	EAN							
BE-8904	3010957	5	T4	1,3	75	20x122	197	37
BE-8905	3010049	5	T5	1,42	50	16x102	152	15
BE-8906	0027729	5	T6	1.70	50	16x102	152	15
BE-8907	0027736	5	T7	1.99	55	16x102	157	22
BE-8908	0027743	5	T8	2.31	60	16x102	162	23
BE-8909	0027750	5	T9	2.50	60	20x122	182	41
BE-8910	0027767	5	T10	2.74	65	20x122	187	34
BE-8915	0027774	5	T15	3.27	70	20x122	192	35
BE-8920	0027781	5	T20	3.86	80	27x122	202	54
BE-8925	0027798	5	T25	4.43	80	27x122	202	58
BE-8927	0027804	5	T27	4.99	100	36x122	222	96
BE-8930	0027811	5	T30	5.52	100	36x122	222	96
BE-8940	0027828	5	T40	6.65	130	36x161	291	163
BE-8945	1838782	5	T45	7.82	130	36x161	291	163

BE-7907 – BE-7940 For Torx® head screws 

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

A hole in the end of the tip fits over a peg in the centre of the Torx® tamper resistant fastener.



Product code **EAN**
731415+

Product code	EAN							
BE-7907	3010964	5	T 7	2.00	75	20x122	197	37
BE-7908	3010971	5	T 8	2.32	75	20x122	197	37
BE-7909	3010988	5	T 9	2.50	75	20x122	197	37
BE-7910	1838799	5	T10	2.74	65	20x122	187	34
BE-7915	1838805	5	T15	3.27	70	20x122	192	35
BE-7920	1838812	5	T20	3.86	80	27x122	202	60
BE-7925	1838829	5	T25	4.43	80	27x122	202	55
BE-7927	1838836	5	T27	4.99	100	36x122	222	96
BE-7930	1838843	5	T30	5.52	100	36x122	222	96
BE-7940	1838850	5	T40	6.65	130	36x161	291	63

BE-8010S–BE-8065S IEC insulated for slotted head screws

For work on live equipment up to 1000 volts.
IEC 60900, EN 60900, DIN-EN 60900, VDE 0682 part 201.
Examination of screwdrivers according to latest national and international standards:








- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN 7437.

Tip DIN 5264-A, ISO 2380-1.



Product code	EAN							
BE-8010S	0033058	5	0.4	2.5	75	20x122	197	18
BE-8220S	0048243	5	0.5	3.0	100	20x122	222	25
BE-8230S	0048250	5	0.6	3.5	100	20x122	222	30
BE-8040S	0033089	5	0.8	4.0	100	20x122	222	40
BE-8050S	0033096	5	1.0	5.5	125	27x122	247	70
BE-8255S	0048281	5	1.2	6.5	150	36x122	272	124

BE-8725S–BE-8708S IEC insulated for Hexagon®-head screws

Insulated screwdriver for hexagon socket-head screws for work on live equipment up to 1000 volts.
IEC 60900, DIN-EN 60900, EN 60900, VDE 0682 part 201.
Examination of screwdrivers according to latest national and international standards:







- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. Permanent colour codes at both ends of the handle as a timesaving aid for application identification.

Finish: Blade black oxidized, entirely hardened.

Material: Blade of VANADIUM-EXTRA. DIN 7439. Tip DIN ISO 2936.



Product code	EAN						
BE-8725S	1839123	5	2.5	100	20x122	222	22
BE-8703S	1839130	5	3	125	27x122	247	25
BE-8704S	1839147	5	4	150	27x122	272	41
BE-8705S	1839154	5	5	175	36x122	297	65
BE-8706S	1839161	5	6	200	36x122	322	97
BE-8708S	1839178	5	8	200	36x161	361	178

BE-8600S–BE-8640S IEC insulated for Phillips® PH-head screws

For work on live equipment up to 1000 volts.
IEC 60900, EN 60900, DIN-EN 60900, VDE 0682/201.
Examination of screwdrivers according to latest national and international standards:







- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN 7438.

Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN						
BE-8600S	0033126	5	0	75	20x122	197	20
BE-8610S	0033133	5	1	80	27x122	202	60
BE-8620S	0033140	5	2	100	36x122	222	100
BE-8630S	0033157	5	3	150	36x122	272	175
BE-8640S	0033164	5	4	200	36x161	361	240

BE-8800S – BE-8840S IEC insulated   
for Pozidriv® PZ-head screws

For work on live equipment up to 1000 volts.
IEC 60900, DIN-EN 60900, EN 60900, VDE 0682 part 201.

Examination of screwdrivers according to latest national and international standards:







- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. DIN 7438.

Tip DIN ISO 8764-1, ISO 8764-1.



Product code	EAN 731415+						
BE-8800S	1839055	5	0	75	20x122	197	19
BE-8810S	0048298	5	1	80	27x122	202	60
BE-8820S	0048304	5	2	100	36x122	222	100
BE-8820SL	1839277	5	2	250	36x122	372	100
BE-8830S	0048311	5	3	150	36x122	272	175
BE-8840S	1839062	5	4	200	36x161	361	222

BE-8910S – BE-8930S IEC insulated 
for Torx®-head screws

Insulated screwdriver for Torx head screws for work on live equipment up to 1000 volts.

IEC 60900, DIN-EN 60900, EN 60900, VDE 0682 part 201.

Examination of screwdrivers according to latest national and international standards:








- Examination piece-wise in water bath with 10 kv.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. Permanent colour codes at both ends of the handle as a timesaving aid for application identification.

Finish: Blade black oxidized, entirely hardened.

Material: Blade of VANADIUM-EXTRA.



Product code	EAN 731415+								
BE-8910S	1839079	5		T10	2.74	100	20x122	222	34
BE-8915S	1839086	5		T15	3.27	125	27x122	247	35
BE-8920S	1839093	5		T20	3.86	125	27x122	247	55
BE-8925S	1839109	5		T25	4.43	125	27x122	247	61



BE-9881 Screwdriver sets for slotted and Phillips® PH-head screws

6 pcs.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.



Product code	EAN		
BE-9881	0043279	1	450
BE-8020 0.5x3x60 mm			
BE-8040 0.8x4x100 mm			
BE-8150 1.0x5.5x100 mm			
BE-8155 1.2x6.5x125 mm			
BE-8610 PH1x75			
BE-8620 PH2x100			

BE-9882 Screwdriver sets for slotted and Phillips® PZ-head screws

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.



Product code	EAN		
BE-9882	1839284	1	450
BE-8020 0.5x3x60 mm			
BE-8040 0.8x4x100 mm			
BE-8150 1.0x5.5x100 mm			
BE-8155 1.2x6.5x125 mm			
BE-8810 PZ1x75			
BE-8820 PZ2x100			

BE-9883 Screwdriver sets for Torx® head screws and Phillips® PZ-head screws

Set with 6 pcs of screwdrivers for Pozidriv® PZ and Torx® head screws. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. Permanent colour codes at both ends of the handle as a timesaving aid for application identification.

Finish: Blade matt chrome-plated, entirely hardened, tip black oxidized.

Material: Blade of VANADIUM-EXTRA.



Product code	EAN		
BE-9883	1839291	1	450
BE-8810 PZ1x75			
BE-8820 PZ2x100			
BE-8830 PZ3x150			
BE-8910 T10x75			
BE-8915 T15x100			
BE-8925 T25x125			

BE-9885 Screwdriver sets for Torx® head screws

5 pcs.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

Sizes: T10x65, T15x70, T20x80, T25x80, T30x100.



Product code	EAN		
	731415+		
BE-9885	0048465	1	355
BE-89XX			
T 10 15 20 25 30			

BE-9886 Screwdriver sets for slotted and Phillips® PH+PZ-head screws



Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.



Product code	EAN		
	731415+		
BE-9886	0048472	1	430
BE-8030			
0.6x3.5x75 mm			
BE-8150			
1x5.5x100 mm			
BE-8610			
PH1x75			
BE-8620			
PH2x100			
BE-8810			
PZ1x75			
BE-8820			
PZ2x100			



BE-9881S Screwdriver set, IEC insulated for slotted and Phillips® PH-head screws

Insulated screwdriver set for slotted and Phillips® PH-head screws. For work on live equipment up to 1000 volts. IEC 60900, DIN-EN 60900, EN 60900, VDE 0682 part 201.

Examination of screwdrivers according to latest national and international standards:

- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

**BE-9882S Screwdriver set, IEC insulated for slotted and Pozidriv® PZ-head screws**

Insulated screwdriver set for slotted and Pozidriv® PZ-head screws. For work on live equipment up to 1000 volts. IEC 60900, DIN-EN 60900, EN 60900, VDE 0682 part 201.

Examination of screwdrivers according to latest national and international standards:

- Examination piece-wise in water bath with 10 KV.
- Marking with the year of manufacture.
- Intensified cold stroke test.

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, tip black oxidized. Permanent colour code on both ends of handle for easy identification of screw type.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.



Product code	EAN		
	731415+		
BE-9881S	1839307	1	450
BE-8220S 0.5x3x100 mm			
BE-8040S 0.8x4x100 mm			
BE-8050S 1x5.5x125 mm			
BE-8610S PH1x80			
BE-8620S PH2x100			

Product code	EAN		
	731415+		
BE-9882S	1839314	1	450
BE-8220S 0.5x3x100 mm			
BE-8040S 0.8x4x100 mm			
BE-8050S 1x5.5x125 mm			
BE-8810S PZ1x80			
BE-8820S PZ2x100			









2003F Precision screwdrivers 
for slotted head screws

For the electronics, fine-mechanics and optics industries.

Finish: Blade black oxidized, entirely hardened, red transparent plastic handle with rotating conical hexagon-shaped aluminium finger tip, cap is for easy operation.

Material: Blade of VANADIUM-EXTRA. Handle of cellulose acetate, impact resistant. These special screwdrivers have been designed for watchmakers and precision machinists as a result of practical requirements studies. They cover the entire range of slotted screws, from M 0.3 to M 1.4.







Product code	EAN 731415+								
2003F-0.6-14	1619695	5	0.11	0.6	14	8x85	99	4	
2003F-0.8-14	1619770	5	0.15	0.8	14	8x85	99	4	
2003F-1-14	1060329	5	0.15	1.0	14	8x85	99	4	
2003F-1.4-18	1619855	5	0.25	1.4	18	8x85	103	5	
2003F-1.6-18	1060336	5	0.19	1.6	18	8x85	103	5	
2003F-2-20	1060343	5	0.25	2.0	20	8x85	105	6	
2003F-2.3-20	1060350	5	0.30	2.3	20	8x85	105	6	
2003F-3-20	1060367	5	0.30	3.0	20	8x85	105	6	

2003F/5-2 Screwdriver set

Finish: Blade black oxidized, entirely hardened, red transparent plastic handle with rotating conical hexagon-shaped aluminium finger tip cap for easy operation.

Material: Blade of VANADIUM-EXTRA. Handle of cellulose acetate, impact resistant. In transparent plastic case which can also be used as a stand for the screwdrivers.






Product code	EAN 731415+		
2003F/5-2	1812591	1	80
2003F 0.15x1x14 0.19x1.6x18 0.25x2x20 0.30x2.3x20 mm			
2003F PH PH 00			

2003F/7 Screwdriver set

Finish: Blade black oxidized, entirely hardened, red transparent plastic handle with rotating conical hexagon-shaped aluminium finger tip. Cap is for easy operation.

Material: Blade of VANADIUM-EXTRA. Handle of cellulose acetate, impact resistant. In transparent plastic case which can also be used as a stand for the screwdrivers.



Product code	EAN 731415+		
2003F/7	1619930	1	112
2003F 0.11x0.6x14 0.15x0.8x14 0.15x1x14 0.25x1.4x18 0.19x1.6x18 0.25x2x20 0.30x2.3x20			

M780 Magnetic box

Finish: Box of red, extremely durable, ABS plastic. For magnetising and demagnetising of screwdriver blades, tweezers and other tools made of iron.



Product code	EAN 731415+			
M780	1826215	1	50x52x29	95

BE-8980 Reamer

Reamer with ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

Finish: Blade matt chrome-plated, entirely hardened.

Square tip.

Material: Blade of VANADIUM-EXTRA.



Product code	EAN 731415+		Ø mm			
BE-8980	3010681	5	6.0	100	222	95

BE-8985 Awl

Awl with ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere.

Finish: Blade matt chrome-plated, entirely hardened.

Round tip.

Material: Blade of VANADIUM-EXTRA.



Product code	EAN 731415+		Ø mm			
BE-8985	3010698	5	6.0	100	222	80

9715 Flat screwdriver

Blade through screwdriver for slotted head screws, with black square plastic handle.

Finish: Blade hexagonal, entirely hardened, tip black oxidized, with impact cap.

Material: Blade of VANADIUM-EXTRA, 12 mm hexagonal. Handle of cellulose acetate, impact resistant.



Product code	EAN 731415+							
9715-14-250	3010148	5	2.5	14.0	250	140	395	12 460

8576 Bit holder, female hexagon 1/4"

Finish: Blade fine-polished and bright chrome-plated, entirely hardened, handle black, non-transparent.

Scientifically developed design according to our Ergo guidelines for an ergonomically safe and comfortable grip.

Material: Blade of CHROME-VANADIUM. Handle of impact resistant plastic. With strong magnet to hold bits and screws.

Supplied with 5 bits.



Product code	EAN 731415+		inch					
8576A	0028054	5	1/4	118	246	0.8x5.5	PH1 2 PZ1 2	160
8576TORX	3000347	5	1/4	118	246	T 10 15 20 25 30		135

BE-8577 Bit holder

Finish: Blade fine-polished and bright chrome-plated, entirely hardened. Permanent colour code on both ends of handle as time-saving aid for identification of the respective screw.

Material: Blade of VANADIUM-EXTRA. Ergonomically developed 3-component handle of polypropylene and thermoplastic elastomere. With strong magnet to hold bits and screws.



Product code	EAN 731415+		inch			
BE-8577	1839048	5	1/4	118	240	155

BE-3529 O-ring lever

Finish: Blade steel gray, greased.

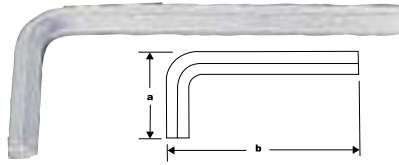





Product code	EAN 731415+				
BE-3529	1847845	5		175	18

1997M For hexagon socket head screws, Metric 

Finish: Black oxidized up to 3 mm, 3.5 mm and above nickel and chrome-plated.

Material:
VANADIUM-EXTRA.
DIN 911/ISO 2936.

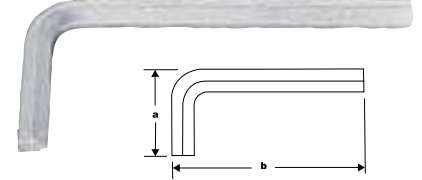





Product code	EAN 731415+			a mm	b mm	
1997M-1.5	1302054	10	1.5	16	47	1
1997M-2	1059262	10	2	18	52	1
1997M-2.5	1059279	10	2.5	21	59	3
1997M-3	1059286	10	3	23	66	4
1997M-3.5	1302078	10	3.5	26	70	6
1997M-4	1059293	10	4	29	74	10
1997M-4.5	1302085	10	4.5	31	80	15
1997M-5	1059309	10	5	33	85	17
1997M-6	1059316	10	6	38	96	30
1997M-7	1059323	10	7	41	102	45
1997M-8	1059330	10	8	44	108	65
1997M-9	1059347	10	9	47	114	90
1997M-10	1059354	10	10	50	122	115
1997M-11	1059361	10	11	53	129	150
1997M-12	1059378	5	12	57	137	190
1997M-14	1059385	5	14	70	154	250
1997M-16	1059392	1	16	73	168	375
1997M-17	1059408	1	17	80	177	508
1997M-19	1059415	1	19	89	199	690

1997LM For hexagon socket head screws, Metric 

Finish: Black oxidized up to 3 mm, 3.5 mm and above nickel and chrome-plated.

Material:
VANADIUM-EXTRA.



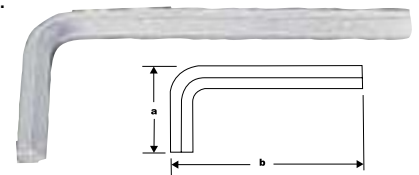
Product code	EAN 731415+			a mm	b mm	
1997LM-1.5	1302122	5	1.5	16	92	1
1997LM-2	1058821	5	2	18	102	3
1997LM-2.5	1058838	5	2.5	21	115	7
1997LM-3	1058845	5	3	23	129	7
1997LM-3.5	1302146	5	3.5	26	140	10
1997LM-4	1058852	5	4	29	144	13
1997LM-4.5	1302153	5	4.5	31	156	18
1997LM-5	1058869	5	5	33	165	23
1997LM-6	1058876	5	6	38	186	38
1997LM-7	1058883	5	7	41	197	55
1997LM-8	1058890	5	8	44	208	78
1997LM-9	1058906	5	9	47	219	106
1997LM-10	1058913	5	10	50	234	142
1997LM-11	1058920	5	11	53	247	185
1997LM-12	1058937	5	12	57	262	233
1997LM-14	1058944	5	14	70	294	370
1997LM-16	1058951	1	16	73	307	535
1997LM-17	1058968	1	17	80	337	635
1997LM-19	1058975	1	19	89	379	865




1997MZ For hexagon socket head screws, Inch 

Offset screwdriver for micro hexagon socket head screw.

Finish: Black oxidized.

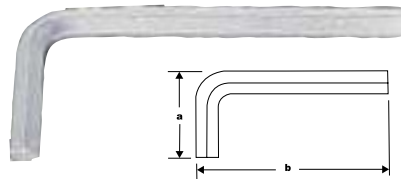
Material:
VANADIUM-EXTRA.






Product code	EAN 731415+			a mm	b mm	
1997MZ-0.7-.028	1302337	5	0.7/.028	7	33	1
1997MZ-0.9-.035	1302344	5	0.9/.035	11	33	1
1997MZ-1.3-.050	1302351	5	1.3/.050	13	41	1

1997Z For hexagon socket head screws, Inch 

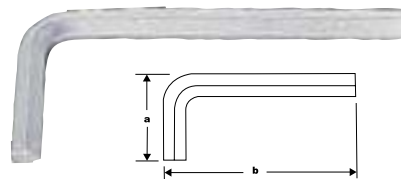
Finish: Black oxidized up to 7/64, 1/8 and above nickel and chrome-plated.
Material: VANADIUM-EXTRA.






Product code	EAN 731415+		 inch	a mm	b mm	 g
1997Z-3/64	1059798	5	3/64	13	41	1
1997Z-1/16	1059804	5	1/16	16	47	1
1997Z-5/64	1059811	5	5/64	18	52	2
1997Z-3/32	1059828	5	3/32	20	58	3
1997Z-7/64	1302368	5	7/64	23	66	4
1997Z-1/8	1059835	5	1/8	23	66	5
1997Z-9/64	1302375	5	9/64	26	72	7
1997Z-5/32	1059842	5	5/32	29	74	10
1997Z-3/16	1059859	5	3/16	33	85	15
1997Z-7/32	1059866	5	7/32	36	91	23
1997Z-1/4	1059873	5	1/4	38	96	31
1997Z-5/16	1059880	5	5/16	44	108	55
1997Z-3/8	1059897	5	3/8	50	122	90
1997Z-7/16	1059903	1	7/16	53	130	135
1997Z-1/2	1059910	1	1/2	63	145	200
1997Z-9/16	1059927	1	9/16	69	154	275
1997Z-5/8	1059934	1	5/8	76	176	355
1997Z-3/4	1059941	1	3/4	89	199	600

1997LZ For hexagon socket head screws, Inch 

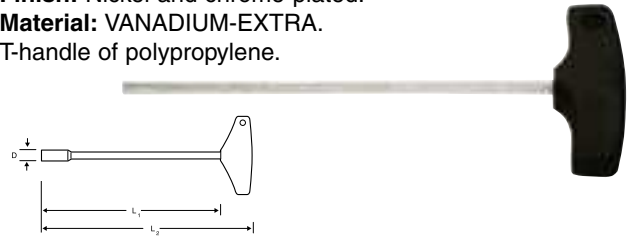
Offset screwdriver for hexagon socket head screws, long series, inch.
Finish: Black oxidized up to 7/64", 1/8" and above nickel and chrome-plated.
Material: VANADIUM-EXTRA.






Product code	EAN 731415+			a mm	b mm	 g
1997LZ-3/64	1059033	5	3/64	13	82	2
1997LZ-1/16	1059040	5	1/16	16	92	3
1997LZ-5/64	1059057	5	5/64	18	102	4
1997LZ-3/32	1059064	5	3/32	20	114	5
1997LZ-7/64	1302481	1	7/64	23	129	7
1997LZ-1/8	1059071	1	1/8	23	129	9
1997LZ-9/64	1302498	1	9/64	26	140	11
1997LZ-5/32	1059088	1	5/32	29	144	13
1997LZ-3/16	1059095	1	3/16	33	165	20
1997LZ-7/32	1059101	1	7/32	36	176	30
1997LZ-1/4	1059118	1	1/4	38	186	43
1997LZ-5/16	1059125	1	5/16	44	208	77
1997LZ-3/8	1059132	1	3/8	50	234	125
1997LZ-7/16	1059149	1	7/16	53	261	185
1997LZ-1/2	1059156	1	1/2	63	293	275

1997MT For hexagon socket head screws, Metric 

T-handle.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.
T-handle of polypropylene.







Product code	EAN 731415+		 mm	L1 mm	L2 mm	 g
1997MT-2.5	1833350	5	2.5	112	152	35
1997MT-3	1833367	5	3	126	165	45
1997MT-4	1833374	5	4	142	182	55
1997MT-5	1833381	5	5	160	200	70
1997MT-6	1833398	5	6	180	220	90
1997MT-8	1833404	5	8	200	240	150
1997MT-10	1833411	5	10	224	264	220

2047 Double offset screwdrivers for slotted head screws 

Finish: Blade nickel and chrome-plated, handle of polypropylene. DIN 5200.
Both ends offset. Tip angles 0° and 90° respectively.







Product code	EAN 731415+				 g	
2047-0.8-4	1060459	5	0.8	4.0	100	14
2047-1-5.5	1060473	5	1.0	5.5	125	21
2047-1.2-8	1060480	5	1.2	8.0	150	37
2047-1.6-10	1060497	1	1.6	10.0	175	60
2047-2-12	1060503	1	2.0	12.0	200	115

2047PR For Phillips® PH head screws 

Finish: Blade nickel and chrome-plated, handle of polypropylene. DIN 5208. Both ends offset.



Product code	EAN 731415+			 mm	 g
2047PR-1-2	1060558	5	PH 1 & 2	100	25
2047PR-3-4	1060565	5	PH 3 & 4	200	110

1997M/T For hexagon socket head screws, Metric

In black plastic wallet.



Product code	EAN 731415+			
1997M/7T	1059439	1	2 3 4 5 6 7 8	200
1997M/10T	1302108	1	1.5 2 2.5 3 3.5 4 4.5 5 6 8	195
1997M/11T	1059453	1	2 3 4 5 6 7 8 9 10 11 12	760
1997M/15T	1059460	1	2 3 4 5 6 7 8 9 10 11 12 14 16 17 19	2860

1997LM/T Set of offset hexagon head keys, long series, Metric.

In black plastic wallet.



Product code	EAN 731415+			
1997LM/10T	1302177	1	1.5 2 2.5 3 3.5 4 4.5 5 6 8	242
1997LM/11T	1059019	1	2 3 4 5 6 7 8 9 10 11 12	932
1997LM/15T	1059026	1	2 3 4 5 6 7 8 9 10 11 12 14 16 17 19	3500

1997MZ/ Combined sets, Metric/Inch

Offset screwdrivers, for micro-screws.

Finish: Black oxidized.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
1997MZ/7T	1542375	1	1997M: 1.5 2 2.5 3 mm 1997MZ: 0.7/.028 0.9/.035 1.3/.050 mm/"	18
1997MZ/10T	1497484	1	1997M: 1.5 2 2.5 3 4 mm 1997Z: 3/64 1/16" 1997MZ 0.7/.028 0.9/.035 1.3/.050 mm/"	29

1997MZ/ Combined sets, Metric/Inch

Offset screwdrivers, for micro-screws.

Finish: Black oxidized.

Material: VANADIUM-EXTRA.



Product code	EAN 731415+			
1997MZ/10T	1497484	1	1997M: 1.5 2 2.5 3 4 mm 1997Z: 3/64 1/16" 1997MZ 0.7/.028 0.9/.035 1.3/.050 mm/"	29

1997Z/ Sets, Inch

Finish: Black oxidized up to 7/64", 1/8" and above nickel and chrome-plated.

In black plastic wallet.

Material: VANADIUM-EXTRA.






Product code	EAN 731415+			
1997Z/9T	1059989	1	1997Z: 3/64 1/16 5/64 3/32 1/8 5/32 3/16 7/32 1/4"	102
1997Z/10T	1302399	1	1997MZ: 0.7/.028 0.9/.035 1.3/505050 mm/dec." 1997Z 3/64 1/16 5/64 3/32 7/64 1/8 9/64"	33
1997Z/11T	1059996	1	1997Z: 3/64 1/16 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8"	258
1997Z/14T	1060008	1	1997MZ: 3/64 1/16 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8 7/16 1/2 9/16"	853
1997Z/21T	1302436	1	1997MZ: 0.7/.028 0.9/.035 1.3/.050 mm/dec." 1997Z: 3/64 1/16 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4 5/16 3/8 7/16 1/2 9/16 5/8 3/4"	2000

1997LZ 

Finish: Black oxidized up to 7/64", 1/8" and above nickel and chrome-plated.

Material: VANADIUM-EXTRA. In black plastic wallet.






Product code	EAN 731415+		 inch	 g
1997LZ/10T	1302511	1	1997MZ:	48
1997LZ/11T	1059231	1	1997LZ: 3/64 1/16 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8	353
1997LZ/14T	1059248	1	1997LZ: 3/64 1/16 5/64 3/32 1/8 5/32 3/16 7/32 1/4 5/16 3/8 7/16 1/2 9/16	1400

BE-9765/BE-9770

Finish: Black oxidized.

Material: CHROME-VANADIUM.



Product code	EAN 731415+		 mm	 g
BE-9765	0055128	3	1.5 2 2.5 3 4 5	60
BE-9770	0027712	3	1.5 2 2.5 3 4 5 6 8 10	355




BE-9775-BE-9785

Finish: Black oxidized. The ball end enables working with hexagon socket head screws in difficult-to-reach positions at angles of up to 30°.

This wrench is a particularly time-saving tool, because of – quick and easy insertion into the socket head – natural turning movement of the hand without re-inserting the tip. It is used in many industries including mechanical engineering, precision engineering, automotive and ship building etc.

Material: CHROME-VANADIUM.



Product code	EAN 731415+		 inch	 g
BE-9775	0056330	3	5/64 3/32 7/64 1/8 9/64 5/32 3/16	70
BE-9780	0033386	3	0.050 1/16 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4 5/16	240
BE-9785	0056347	3	0.050 1/16 5/64 3/32 7/64 1/8 9/64 5/32 3/16 7/32 1/4 5/16 3/8	370

Pliers that make a difference.



Improving the performance and precision of handtools relies on a commitment to better designs and materials. The wide range of Bahco cutters and pliers meets the high quality demanded from professional tools today. The alloying of steel, advanced hardening methods together with precision engineering in a controlled manufacturing process is a guarantee for this. This also means that our cutters and pliers easily meet ISO and DIN standards. The result is a range of pliers with performance that really makes a difference, in all demanding application.

2101GC Side cutting pliers

ISO: 5749. DIN: 5749.

Finish: Nickel- and chromeplated, anti-corrosion treated.

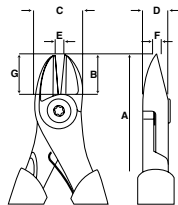
Material: CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: An "open" joint, in which the distance from the joint centre to the cutting edges is reduced, results in greater leverage and increased cutting capacity. Progressive cutting edge which cuts hard material near the joint and soft materials at the tip. Round shaped jaws give improved accessibility in confined spaces. Equipped with a return spring featuring an on/off function.

Application: The progressive edges are designed to cut hard material such as piano wire close to the joint and to cut softer material such as copper wire and plastic insulated wire at the tip.

Cutting capacity: Piano wire.

IP = Industrial Pack.



Product code	EAN 731415+	IP	A mm	B mm	C mm	D mm	E mm	F mm	G mm	mm	g
2101GC-125IP	0106547	5	125	14	17.5	8	1.0	1.2	14	1.6	105
2101GC-140IP	0106554	5	140	16	19.5	9	1.5	1.3	16	1.8	126
2101GC-160IP	0106561	5	160	18	21.5	10	2.0	1.5	18	2.0	162
2101GC-180IP	0106578	5	180	20	23.5	11	2.5	1.5	20	2.25	245
2101GC-200IP	0106585	5	200	22	25.5	11	2.5	1.5	22	2.5	304

2666NB-2676NB Side cutting pliers

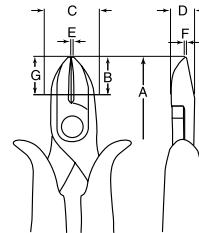
ISO: 5749. DIN: 5749.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. Handles of orange, transparent cellulose acetate.

Shape: With external edge bevel.

Cutting capacity: Hard steel wire.



Product code	EAN 731415+	IP	A mm	B mm	C mm	D mm	E mm	F mm	G mm	mm	g
2666NB	1066093	1	125	16	16	8.0	1.5	1.2	16	1.5	100
2667NB	1066192	1	140	17	18	8.5	1.8	1.2	17	1.75	145
2674NB	1066321	1	160	18	20	10.0	2.0	1.2	18	2.0	200
2676NB	1066413	1	180	21	22	11.0	2.1	1.2	21	2.5	250

2667B-2678B Side cutting pliers

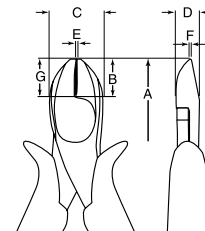
ISO: 5749. DIN: 5749.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. Handles of orange, transparent cellulose acetate.

Shape: With external edge bevel.

Cutting capacity: Piano wire.



Product code	EAN 731415+	IP	A mm	B mm	C mm	D mm	E mm	F mm	G mm	mm	g
2667B	1066154	1	125	14	18	8.0	1.5	1.2	14	1.6	120
2674B	1066307	1	140	17	20	10.0	2.0	1.5	17	1.8	150
2676B	1066390	1	160	19	23	11.0	2.1	2.0	19	2.0	215
2678B	1066468	1	200	21	26	11.0	2.1	2.0	21	2.5	325

3419A Automatic wire-stripping pliers

For conductors with PVC insulation. Precise stripping without damaging the cables, even in confined spaces where the conductors are difficult to reach. The blades automatically adjust to the respective conductor cross section from 0.08 to 1.00 mm² (AWG 28-17). Built-in wire cutter for conductors up to 1.00 mm², safe, with hand protection. Adjustable stripping length from 2.5 to 7.0 mm.
No. 3419A Wire stripping pliers.
No. 3419EA Replacement blade.



Product code	EAN 731415+		
3419A	1812409	1	110
3419EA	1812614	1	4

3419B Electrician's wire-stripping pliers

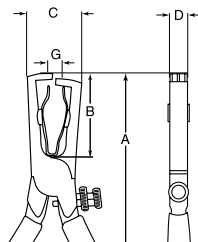
Light, almost unbreakable casing made of fibreglass reinforced polyamide, resistant to chemicals and corrosion. For stripping and cutting wire and cable in the diameter range 0.1-6.0 mm, such as fine wires and wires with PVC thick insulation of all hardness, stranded wires (for thin flat ribbon cables also multiple wires in one operation) and double insulated cable, in two steps without adjustment. Adjustment of the insulation strip length from 3-16 mm (0.12-0.65 inches). The tool will be delivered with the adjustment wheel in the middle position for the diameter range 0.5-4.0 mm² normal insulation. The wire cutter should only be used for copper and aluminium wire.
No. 3419B Wire stripping pliers.
No. 3419EB Replacement blade.





Product code	EAN 731415+		
3419B	1812416	1	145
3419EB	1812621	1	6

3417NFB Wire stripping pliers

Finish: As No.3417NF, coated handles of cellulose acetate.
Material: VANADIUM-EXTRA.
 Handles of orange cellulose acetate.
Cutting capacity:
 1 - copper wire.
 2 - cable.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	G mm	1 mm	2 mm ²	
3417NFB	1072216	1	160	38	15	9	6.0	0.5-5	0.5-10	160

2521GC Round nose pliers

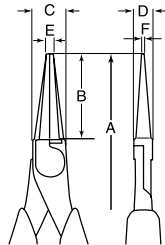
ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated.

Material: CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: Equipped with return spring with on/off function.

Application: Particularly suited for wire-bending work.



Product code EAN 731415+ A mm B mm C mm D mm E mm F mm g

2521GC-140IP	0102044	5	140	37	16	7	
3.0	1.5	115					

2628GC Combination pliers

ISO: 5746. DIN: 5746.

Finish: Nickel and chrome-plated, anti-corrosion treated.

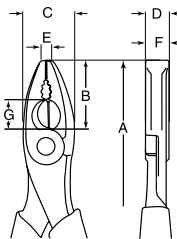
Material: CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: An "open" joint, in which the distance from the joint centre to the cutting edges is reduced, results in greater leverage and increased cutting capacity. Equipped with return spring with on/off function.

Round shaped jaws give improved accessibility in confined spaces.

Application: The edges specially designed to cut harder material such as piano wire and spring steel wire. Gripping surfaces particularly suited for gripping round and flat material.

Cutting capacity: Piano wire.



Product code EAN 731415+ A mm B mm C mm D mm E mm F mm G mm g

2628GC-160IP	0101863	5	160	33	23	10.5	3.5	10.5	12	1.8	190
2628GC-180IP	0101870	5	180	36	25	11.0	4.0	11.0	14	2.0	240
2628GC-200IP	0101887	5	200	39	27	12.0	4.5	12.0	16	2.5	300

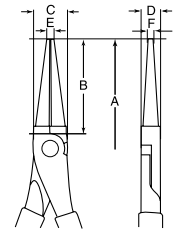
2727B/2698B Round nose pliers

ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. Handles of cellulose acetate.

2698B with short tips.



Product code EAN 731415+ A mm B mm C mm D mm E mm F mm g

2727B	1067731	1	140	38	15	8	4	2	120
2698B	1066888	1	160	30	15	8	4	2	150

2665B Combination pliers

ISO: 5746. DIN: 5746.

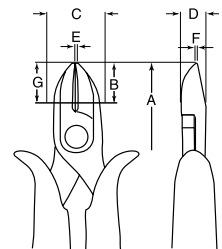
Finish: Nickel and chrome-plated, fine polished.

Material: VANADIUM-EXTRA. With transparent (cellulose acetate), orange coloured sleeves for better comfort.

Shape: an "open" joint, in which the distance from the joint centre to the cutting edges is reduced, results in greater leverage and increased cutting capacity. Round shaped jaws give improved accessibility in confined spaces.

Application: The edges specially designed to cut harder material such as piano wire and spring steel wire. Gripping surfaces particularly suited for gripping round and flat material.

Cutting capacity: Piano wire.



Product code EAN 731415+ A mm B mm C mm D mm E mm F mm G mm g

2665B-160	1066000	1	160	33	23	10.0	3	10.0	12	1.8	185
2665B-180	1066017	1	180	36	25	10.5	4	10.5	14	2.0	250
2665B-200	1066024	1	200	38	25	11.0	4	11.0	15	2.5	320

2430GC Snipe nose pliers

ISO: 5745. DIN: 5745.

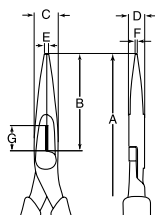
Finish: Black oxidized, anti-corrosion treated.

Material: CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: Slim, semi-circular shaped and serrated jaws. Accurately machined jaws provide a sure grip on the workpiece. Equipped with return spring with on/off function.

Application: Tips give good grip and improved accessibility in confined spaces. Sharp edges for cutting softer material such as copper wire and plastic insulated wire.

Cutting capacity: Hard steel wire. Model identical to 2430G but nickel and chrome-plated for better rust protection.



Product code	EAN 731415+	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
2430GC-140 IP	0102150	5	140	39	15	8	2.5	2.0	12	1.25	120
2430GC-160 IP	0102167	5	160	49	16	8	3.0	2.5	12	1.5	160
2430GC-200 IP	0102174	5	200	72	17	9	4.0	2.5	12	1.5	170

2427GC Snipe nose pliers, offset

ISO: 5745. DIN: 5745.

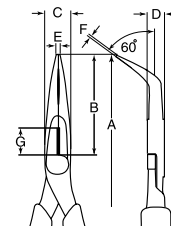
Finish: Nickel and chrome-plated, anti-corrosion treated.

Material: CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: Tips angled at 60°. Slim, semi-circular shaped serrated jaws. Accurately machined jaws provide a sure grip on the workpiece. Equipped with return spring with on/off function.

Application: Tips give good grip and improved accessibility in confined spaces. Sharp edges for cutting softer material such as copper wire and plastic insulated wire.

Cutting capacity: Hard steel wire.



Product code	EAN 731415+	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
2427GC-160IP	0102051	5	160	46	17	9	2	2	12	1.5	170
2427GC-200IP	0102075	5	200	70	17	9	2	2	12	1.5	180

2719SB/2457B Snipe nose pliers

ISO: 5745. DIN: 5745.

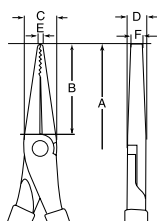
Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

Handles with cellulose acetate coating.

Shape: Serrated jaws.

Cutting capacity: Hard steel wire.



Product code	EAN 731415+	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
2719SB	1381189	1	140	38.5	15.0	8	3	1.5	12	1.25	125
2457B	1063221	1	160	49.0	16.0	8	3	2.0	12	1.5	125
2456AB	1063122	1	200	71.5	16.5	9	3	2.5	12	2.0	180

2456BB Snipe nose pliers, bent tip

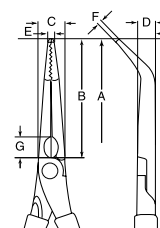
ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated, fine-polished, transparent hand protection.

Material: VANADIUM-EXTRA. Handles of orange transparent cellulose acetate coating.

Shape: Serrated jaws. Head 45°.

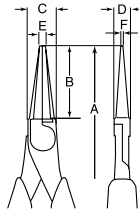
Cutting capacity: Hard steel wire.



Product code	EAN 731415+	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
2456BB	1063160	1	195	69	17.5	9	3	2.5	13	2.0	180

2477AB Machinist's pliers

ISO: 5745. DIN: 5745.

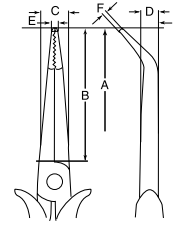
Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. With transparent (cellulose acetate), orange coloured sleeves for better comfort.**Shape:** With straight, pointed and serrated jaws.**Application:** Tips give good grip and improved accessibility in confined spaces. Particularly suited for precision work.

Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
--------------	-------------	--	------	------	------	------	------	------	--

2477AB	1063825	1	195	73.5	16.5	9	3	2.5	190
--------	---------	---	-----	------	------	---	---	-----	-----

2477BB Machinists pliers

ISO: 5745. DIN: 5745.

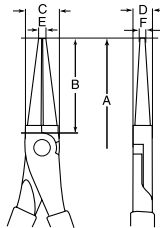
Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. With transparent (cellulose acetate), orange coloured sleeves for better comfort.**Shape:** 45° offset, pointed and serrated jaws.**Application:** tips give good grip and improved accessibility in confined spaces. Particularly suited for precision work.

Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
--------------	-------------	--	------	------	------	------	------	------	--

2477BB	1063849	1	195	73.5	16.5	9	3	2.5	190
--------	---------	---	-----	------	------	---	---	-----	-----

2724B/2694B Flat nose pliers

ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. Handles of orange transparent cellulose acetate.**Shape:** Serrated jaws.

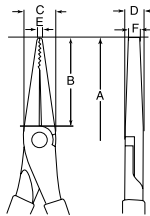
Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
--------------	-------------	--	------	------	------	------	------	------	--

2724B	1067601	1	125	22.0	14	7.5	2	4	120
-------	---------	---	-----	------	----	-----	---	---	-----

2694B	1066826	1	160	41.5	13	9.0	4	7	160
-------	---------	---	-----	------	----	-----	---	---	-----

2718B/2458B Flat nose pliers

ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated, fine-polished.**Material:** VANADIUM-EXTRA. Handles of cellulose acetate. **2718B** Serrated jaws.**2458B** Slender jaws, jaw width 10 mm.

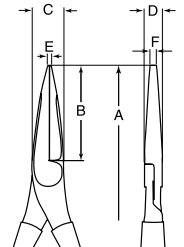
Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
--------------	-------------	--	------	------	------	------	------	------	--

2718B	1067380	1	140	40	13.0	7.5	2.5	4	95
-------	---------	---	-----	----	------	-----	-----	---	----

2458B	1063269	1	180	62	17.5	9.0	3.5	6	170
-------	---------	---	-----	----	------	-----	-----	---	-----

2421GC Flat nose pliers

ISO: 5745. DIN: 5745.

Finish: Nickel and chrome-plated, anti-corrosion treated.**Material:** CHROME-VANADIUM steel. With Ergo handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.**Shape:** Slim, flat jaws of rectangular section. Serrated, accurately machined jaws provide a sure grip on the workpiece. Equipped with return spring with on/off function.**Application:** Tips give good grip and improved accessibility in confined spaces.

ergo®



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
--------------	-------------	--	------	------	------	------	------	------	--

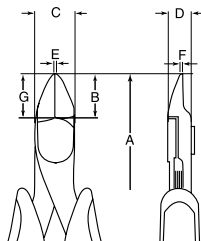
2421GC-140IP	0102013	5	140	39	14.5	8.0	2	4.0	120
--------------	---------	---	-----	----	------	-----	---	-----	-----

2421GC-160IP	0102020	5	160	49	16.5	8.5	3	5.0	170
--------------	---------	---	-----	----	------	-----	---	-----	-----

2421GC-180IP	0102037	5	180	64	17.0	8.5	3	6.5	180
--------------	---------	---	-----	----	------	-----	---	-----	-----

4130, 4131 Side cutters

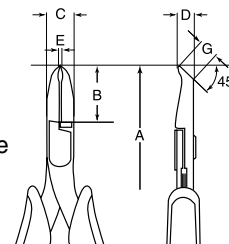
ISO: 5749.
DIN: 5749.
Finish: Black oxidized.
Material: High performance tool steel.
Shape: Numerically controlled machine grinding guarantees edge angle accuracy. Equipped with return spring.
Application: To be used mainly within the fine mechanical, telecommunication and electronics field.
Cutting capacity: Copper wire.



Product code	EAN	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
4130	0100019	3	120	9	11	6.8	0.5	0.9	10	0.3-1.5	Micro 60
4131	0100026	3	120	9	11	6.8	0.5	0.9	10	0.3-1.5	Flush 60

4239 Oblique cutters

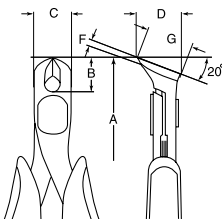
ISO: 5748.
DIN: 5748.
Material: High performance tool steel.
Finish: Black oxidized.
Shape: Numerically controlled machine grinding guarantees edge angle accuracy. 45° cutting angle. Equipped with return spring.
Application: To be used mainly within the fine mechanical, telecommunication and electronics field.
Cutting capacity: Copper wire.



Product code	EAN	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
4239	0100088	3	129	19	9	7	3.0	1.5	5.5	0.3-1.0	Flush 60

4231 Oblique cutters

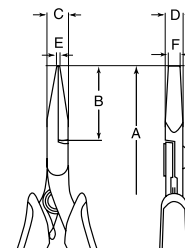
ISO: 5748.
DIN: 5748.
Material: High performance tool steel.
Finish: Black oxidized.
Shape: Numerically controlled machine grinding guarantees edge angle accuracy. 20° cutting angle. Equipped with return spring.
Application: To be used mainly within the fine mechanical, telecommunication and electronics field.
Cutting capacity: Copper wire.



Product code	EAN	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Spring icon	Weight icon
4231	0100033	3	119	-12	10	6.8	0.5	13	0.3-1.25	Flush	55

4430 Flat nose pliers

ISO: 5745.
DIN: 5745.
Material: High performance tool steel.
Finish: Black oxidized.
Shape: Numerically controlled machine grinding guarantees shape of tips. Equipped with return spring.
Application: To be used mainly within the fine mechanical, telecommunication and electronics field.



Product code	EAN	Box icon	A mm	B mm	C mm	D mm	E mm	F mm	Spring icon	Weight icon
4430	0100040	3	135	26	9	7	1.0	4.0		65

4530 Round nose pliers

ISO: 5745.

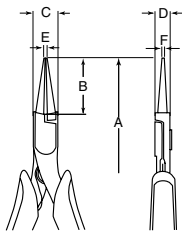
DIN: 5745.

Material: High performance tool steel.

Finish: Black oxidized.

Shape: Numerically controlled machine grinding guarantees shape of tips. Equipped with return spring.

Application: To be used mainly within the fine mechanical, telecommunication and electronics field.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
4530	0100095	3	135	22	9	7	1.6	0.8	60

4833 Snipe nose pliers, bent tip 60°

ISO: 5745.

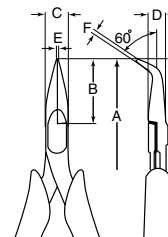
DIN: 5745.

Material: High performance tool steel.

Finish: Black oxidized.

Shape: Numerically controlled machine grinding guarantees shape of tips, bent 60°. Smooth jaws and equipped with return spring.

Application: To be used mainly within the fine mechanical, telecommunication and electronics field.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
4833	0100064	3	130	23	9	7	1.0	1.0	60

4830, 4831 Snipe nose pliers

ISO: 5745.

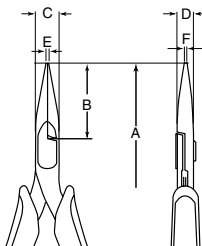
DIN: 5745.

Material: High performance tool steel

Finish: Black oxidized.

Shape: Numerically controlled machine grinding guarantees shape of tips. Equipped with return spring.

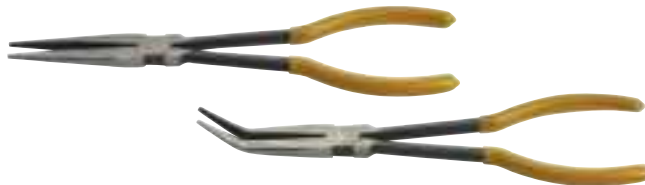
Application: To be used within the fine mechanical, telecommunication and electronics field.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
4830	0100057	3	135	25	9	7	1.0	1.0	60
4831	0103393	3	135	25	9	7	1.0	1.0	60

158 Snipe nose pliers

Extra long snipe nose plier with slim shaped and serrated jaws. Accurately machined jaws provide a sure grip on the workpiece. Tips give good grip and improved accessibility in confined spaces. **158-NB** with tips angled at 35°.



Product code	EAN 731151+		$\left \frac{L}{mm} \right $	
158-N	8277239		12	280
158-NB	8277246		12	270



8223-8225 Slip joint pliers

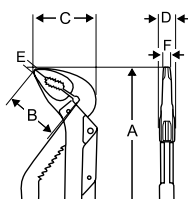
ISO: 8976.

DIN: 8976.

Finish: Phosphated, anti-corrosion treated.

Material: CHROME-VANADIUM. Parallel, specially hardened jaws. With Ergo-handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: With both flat and pipe grip jaws. Self locking jaws grip tightly at three points. Slip joint pliers with outstanding jaw opening and depth. Speedy one hand setting by pressing a button on the upper handle. Can be adjusted with parallel jaws in 11 different positions. Ergonomic design for maximum gripping comfort.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	$\frac{\downarrow}{\uparrow}$ max		g
8223IP	0113149	5	210	35	46	7.0	5	7.0	37		270
8224IP	0101757	5	250	40	51	8.0	6	8.0	45		350
8225IP	0101764	5	315	52	63	9.5	7	9.5	55		550

8224/8225C Slip joint pliers

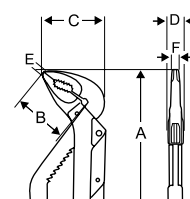
ISO: 8976.

DIN: 8976.

Finish: Nickel and chrome-plated, anti-corrosion treated.

Material: CHROME-VANADIUM. Parallel, specially hardened jaws. With Ergo-handles in two-material combination. Thermoplastic surface on tough polypropylene which gives a superior grip.

Shape: With both flat and pipe grip jaws. Self locking jaws grip tightly at three points. Slip joint plier with outstanding jaw opening and depth. Speedy one hand setting by pressing a button on the upper handle. Can be adjusted with parallel jaws in 11 different positions. Ergonomic design for maximum gripping comfort.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	$\frac{\downarrow}{\uparrow}$ max		g
8224CIP	0103607	5	250	40	51	8.0	6	8.0	45		350
8225CIP	0103614	5	315	52	48	9.5	7	9.5	55		550

2619LS Slip joint pliers

With box-joint, form D, recessed jaws.

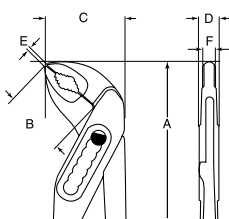
ISO: 8976.

DIN: 8976.

Finish: Red laquered.

Material: CHROME-VANADIUM.

Shape: With ground jaw faces, teeth induction hardened. 7 jaw positions, with jamming protection.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	$\frac{\downarrow}{\uparrow}$ max		g
2619LS-175	1809188	5	175	30	27	45	6.5	6	30		154
2619LS-250	1809195	5	250	37	37	57	7.0	3	36		300
2619LS-300	1809201	5	300	42	40	65	9.0	4	42		475

2650 Connector pliers

For specific use in the aviation industry. With interchangeable nylon inserts and slip joint. Adjustable to three positions.

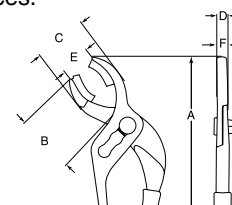
These pliers are especially suited for adjusting connectors on engines, for plumbing and work with light metals and threaded pipe joints, where surfaces must not be damaged. The slim jaws permit work in very confined spaces.

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

PVC coated handles.

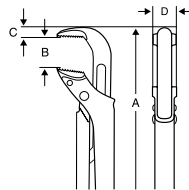
No. 2650B spare nylon inserts (per pair).



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	$\frac{\downarrow}{\uparrow}$ max		g
2650	1065829	1	235	65	38	88	8.5	65	275		275
2650B	1065843	1							3		3

1175 Universal pipewrenches

Multi purpose pipewrench with ergonomical design. DIN 5234. Nickel and chromeplated and anti-rust treated high-alloyed, hardened special steel with precision induction hardened jaws. Outer handle of hardened sheet metal with ergonomically designed soft, warm-to-the touch, high friction handle with a strong, stable core. Thermoplastic surface on tough polypropylene gives a superior grip. Optimized design with narrower jaws gives perfect accessibility, also in cramped corners. Patented progressive teeth angled aggressively inwards, fine at the inner part of the jaws and larger at the outer part gives a better grip on all sizes of pipes. The inner handle with built-in protection against pinching and a safety stop for the adjusting nut. Suitable for use with the pipe wrench lock **142-3**.



Product code	EAN 731415+		A mm	B mm	C mm	D mm		
1175-1	0106943	1	320	45	11.7	18.8	1	610
1175-11/2	0103768	1	430	65	15.0	20.0	1 1/2	1105

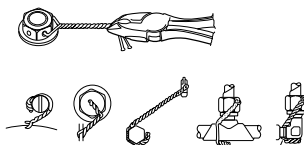
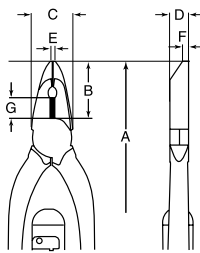
2855 Wire twisting pliers

Application: Extremely fast time-saving exact twisting. Can be used for any wire length and any twist length. When the pliers grip the wire any number of twists can be made by pulling out and pushing in the spinner knob. The reversible models eliminate the need for additional tools, by turning the patented reversing sleeve the tool has left or right hand twisting capabilities. This is a tool for securing with wire all critical places which are exposed to vibration.

Capacity: Perfectly twists wires up to Ø 1.04 mm (.041") including stainless steel wire. **Finish:** Black finish, corrosion treated, polished head.

Material: VANADIUM-EXTRA.

Shape: Jaws angled at 30° and serrated. Diagonal nose configuration. With additional cutter.



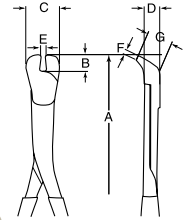
Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2855	1825805	1	224	22	14.5	9.5	3	2.5	8	240

2979D Nut pliers

Finish: Black oxidized, anti-corrosion treated special steel. **Application:** Service pliers for nut and bolt dimensions with 3-13 mm across-flats widths.

Shape: The design of the handles ensures good access in confined spaces. Serrated and slightly conical gripping surfaces for good grip round the hexagon.

Gripping capacity: 3-13 mm.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2979 D-180	0034246	5	180	12	23	11.5	5	3	17	200

2855D Wire twisting pliers

Application: With reversing switch automatic mechanism and additional cutter. These pliers can be used for any wire length and any twist length. When the pliers grip the wire and are locked, a number of twists can be made very quickly. The reversing switch mechanism allows a right and left twist of the locking wire, which is essential with continuous and successively lying screw fittings.

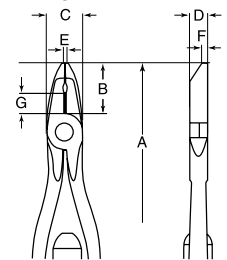
Due to the automatic return of the twist axle the locking wire is twisted and ready in one single operation, making this a faster method of working. These pliers may also be used as side cutting or gripping pliers. This tool is ideal for securing with wire, all fixings which are exposed to vibration.

Capacity: Wires up to max Ø 1.6 mm (0.60"), including stainless steel wire.

Finish: Black finish, corrosion treated, polished head.

Material: VANADIUM-EXTRA

Shape: Jaws angled at 30° and serrated.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2855 D	1822569	1	282	29	20	10.5	5	4	10	525

2855QT Wire twisting pliers

Application: Extremely fast, time-saving, exact twisting. Can be used for any wire length and any twist length. When the pliers grip the wire any number of twists can be made by pulling out and pushing in the spinner knob. This reversible model eliminates the need for an additional tool.

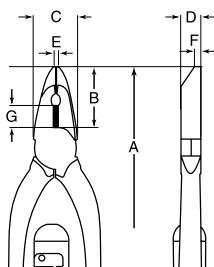
Shape: Jaws angled at 30°. Wave Jaw holds wire securely and eliminates nicks and scrapes on wire. Cushion throat traps cut wire. With additional cutter.

Application: Extremely fast, time-saving, exact twisting. Can be used for any wire length and any twist length. When the pliers grip the wire, any number of twists can be made by pulling out and pushing in the spinner knob. This is an ideal tool to secure, with wire, all critical places which are exposed to vibration.

Finish: Black finish, corrosion treated, polished head.

Material: VANADIUM-EXTRA

Capacity: Wires up to Ø 1.04 mm (.041"), including stainless steel wire.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2855QT	0107254	1	224	22	14.5	9.5	3	2.5	8	240

2855DQT Wire twisting pliers

Application: Extremely fast time-saving exact twisting. Can be used for any twist length. When the pliers grip the wire, any number of twists can quickly be made. The reversing mechanism allows right and left twists of the locking wire. This is essential with continuous and successively lying screw fittings. The locking wire will be twisted and ready in one single operation. This is a faster working method through automatic return of the twist axle. These pliers may also be used as side cutting or gripping pliers, because the centre position to the switch thrust arrests the twist axle. This is an ideal tool to secure, with wire, all critical places which are exposed to vibration.

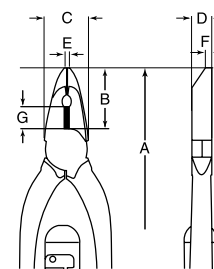
Capacity: Wires up to max Ø 1.6 mm (0.06"), including stainless steel wire.

Finish: Black finish, corrosion treated, polished head.

Material: VANADIUM-EXTRA.

Shape: Wave jaws angled at 30°.

Wave jaw holds wire securely and eliminates nicks and cuts on wire. Cushion throat traps cut wire. With reversing switch automatic mechanism and additional cutter.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2855DQT	0107261	1	282	29	20	10.5	5	4	10	525

2855R Wire twisting pliers

Application: Extremely fast time-saving, exact twisting. Can be used for any wire length and any twist length. When the pliers grip the wire, any number of twist can be made by pulling out and pushing in the spinner knob, right-hand twist operation only. This model has only a manual return.

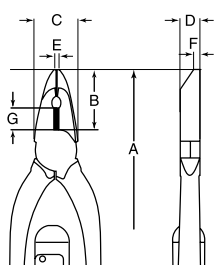
This is an ideal tool to secure, with wire, all critical places which are exposed to vibration.

Capacity: Perfectly twists wires up to Ø 1.6 mm (.06"), including stainless steel wire.

Finish: Black, finish, corrosion treated, polished head.

Material: VANADIUM-EXTRA.

Shape: Jaws angled at 30° and serrated.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2855R	0113576	1	270	22.0	14.5	9.5	3.0	2.5	8.0	240

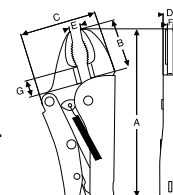
2951 Grip with cutter

Shape: Curved jaws for general purpose use. Thin, neat jaws for good accessibility.

Application: To be used on the car, in the garage, the workshop or factory for production or maintenance applications. Also good for plumbing and heating work. The cutting edges are good for cutting welding leads etc.

Finish: Black powder coating ensures good rust protection.

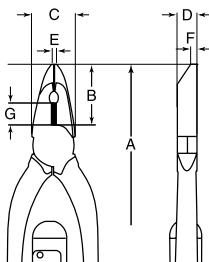
Cutting capacity: Iron wire.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	G mm	
2951-180	0102204	1	180	30	43	10.0	5	10.0	7	2 42 355
2951-250	0102211	1	250	35	54	11.0	6	11.0	11	3 63 540
2951-300	0102228	1	300	46	67	13.5	7	13.5	14	4 75 890

2952 Grip and welding pliers

Features: Long slim jaw design. Curved section.
Benefits: Enables pliers to reach deep into recessed areas. Same pliers can hold rounded objects.
Applications: Provides aid when holding, placing or extracting pieces in awkward areas, engines etc.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm		
2952-165	0103836	1	165	62	27	11	5	4	55	190
2952-235	0103843	1	235	81	41	14	7	5	70	400

9938 Set of circlip pliers

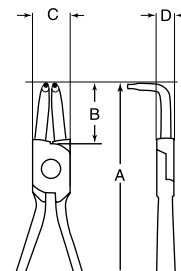
Set of three re-settable pliers for both internal and external circlips from the 2928.
Series: 160, 200 and 250 mm. These patented pliers are equipped with interchangeable tips (straight, 15° and 90°) which can easily be adapted for use with internal or external circlips as required. 5 sets of tips are supplied with the -160 and 200 and 6 sets with the -250.
 The pliers can be used for internal circlips from 8 to 100 mm diameter and for external circlips from 3 to 100 mm.
 This set covers a range of applications previously requiring up to ten conventional pliers. The pliers have a regulation stopmechanism (automatic on the 2928-250 model) which makes use easier and prevents the circlips from being damaged due to excessive force being applied.



Product code	EAN 731415+		
9938	0056491	1	1640
2928-160 8-25 3-25			
2928-200 10-48 10-48			
2928-250 31-100 31-100			

2461 Circlip pliers internal

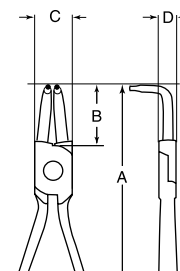
ISO: 5256 C. **DIN:** 5256 C.
Finish: Nickel and chrome-plated, fine-polished. Black phosphated tips.
Material: VANADIUM-EXTRA.
 Circlip pliers internal.
Shape: With straight jaws, for internal circlips.



Product code	EAN 731415+		A mm	B mm	C mm	D mm			
2461 C8	1063481	1	140	31.5	18.5	8.0	8-25	1.0-2.0	85
2461 C19	1063498	1	180	40.0	21.5	9.5	19-60	2.0-2.5	140
2461 C40	1063504	1	255	55.0	22.0	11.0	40-100	2.5-3.5	230

2463 Circlip pliers internal

ISO: 5256 D. **DIN:** 5256 D.
Finish: Nickel and chrome-plated, fine-polished. Black phosphated tips.
Material: VANADIUM-EXTRA.
 Circlip pliers internal.
Shape: With 90° offset jaws for internal circlips.



Product code	EAN 731415+		A mm	B mm	C mm	D mm			
2463 D8	1588878	1	130	20.0	15.0	8.0	8-25	1.0-2.0	85
2463 D19	1063511	1	170	27.5	21.5	9.5	19-60	2.0-2.5	150
2463 D40	1063528	1	210	40.0	22.0	11.0	40-100	2.5-3.5	240

849 Mini clamp

Mini clamp in lightweight aluminum for hard to reach places.
Range: 0-12 mm.



Product code	EAN 731151+			
849	8277277	1	92	277

2464 Circlip pliers external

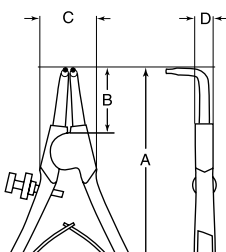
ISO: 5254 A.

DIN: 5254 A.

Finish: Nickel and chrome-plated, fine-polished. Black phosphated tips.

Material: VANADIUM-EXTRA.

Shape: With straight jaws, for external circlips. Stop screw and opening spring.



Product code	EAN 731415+		A mm	B mm	C mm	D mm			
2464 A3	1406516	1	120	32	20.0	8.0	3-10	1.0-1.5	95
2464 A10	1063535	1	120	32	20.0	8.0	10-25	1.5-2.0	95
2464 A19	1063542	1	180	40	21.5	9.5	19-60	2.0-25	140
2464 A40	1063559	1	210	60	29.5	10.5	40-100	2.5-3.0	260

2466 Circlip pliers external

ISO: 5254 B.

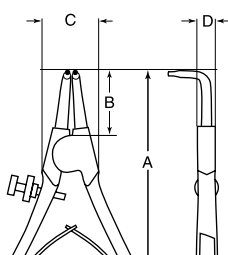
DIN: 5254 B.

Finish: Nickel and chrome-plated, fine-polished. Black phosphated tips.

Material: VANADIUM-EXTRA.

Circlip pliers external.

Shape: With 90° offset jaws for external circlips. Stop screw and opening spring.



Product code	EAN 731415+		A mm	B mm	C mm	D mm			
2466 B3	1406868	1	130	20	20	8	3-10	1.0-1.5	100
2466 B10	1063573	1	130	20	20	8	10-25	1.5-2.0	110
2466 B19	1063580	1	165	32	25	9	19-60	2.0-2.5	150
2466 B40	1063597	1	190	44	30	11	40-100	2.5-3.0	250

MA225 Aviation compound shears

Forged blades, made of specially hardened tool steel. Strong handles of glass fibre and nylon for safe and comfortable grip. Blade angles sharpened for long and consistent performance. Single hand operated safety lock.

Packaging: On informative card.

For straight cutting of hard and difficult-to-cut steel plate.

Cutting capacity:

- 1 - stainless,
- 2 - cold rolled.



Product code	EAN 731151+			1 mm	2 mm	
MA225	8161057	4	250 mm	0.8	1.2	420 g

MA225L Aviation compound shears

Forged blades, made of specially hardened tool steel. Strong handles of glass fibre and nylon for safe and comfortable grip. Blade angles sharpened for long and consistent performance. Single hand operated safety lock. For straight and left cutting of hard and difficult-to-cut steel plate.

Packaging: On informative card.

Cutting capacity:

- 1 - stainless,
- 2 - cold rolled.



Product code	EAN 731151+			1 mm	2 mm	
MA225L	8161033	4	250 mm	0.8	1.2	420 g

MA225R Aviation compound shears

Forged blades, made of specially hardened tool steel. Strong handles of glass fibre and nylon for safe and comfortable grip. Blade angles sharpened for long and consistent performance. Single hand operated safety lock.

Packaging: On informative card. For straight and right cutting of hard and difficult-to-cut steel plate.

Cutting capacity:

- 1 - stainless,
- 2 - cold rolled.



Product code	EAN 731151+			1 mm	2 mm	
MA225R	8161040	4	250 mm	0.8	1.2	420 g

MA325 Pass-through compound shears

Forged blades, made of specially hardened tool steel. Strong handles of glass fibre and nylon for safe and comfortable grip. Blade angles sharpened for long and consistent performance. Single hand operated safety lock.




Packaging: On informative card.

For straight cutting and passing through cuts in hard and difficult-to-cut steel plate.

Cutting capacity:

- 1 - stainless,
- 2 - cold rolled.






Product code	EAN 731151+		 L mm	1 mm	2 mm	 g
MA325	8161064	4	250	0.8	1.2	430

2744 Multi-purpose snip

A light, strong, heavy duty universal snip for cutting light metal plate, leather, wire, plastic, wood etc.



Product code	EAN 731151+		 L mm	 g
2744	1809096	6	190	130





2702 Special tin snips

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. With short straight cutting blades and big, handy ring handles.

Cutting capacity: for sheet steel and steel wire up to 0.4 mm. **2702A** with one cutting edge serrated.



Product code	EAN 731415+		 L mm	 L inch	 g
2702	1066932	1	110	4 3/8	45
2702A	1066949	1	110	4 3/8	45

2704 Special tin snips





Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA. Cutting blades curved.

Cutting capacity:

For sheet steel and steel wire up to 0.4 mm. **2704A** with one cutting edge serrated.



Product code	EAN 731415+		 L mm	 L inch	 g
2704	1066956	1	110	4 3/8	45
2704A	1066963	1	110	4 3/8	45

2707 Special tin snips

Finish: Nickel and chrome-plated, fine-polished.

Material: VANADIUM-EXTRA.

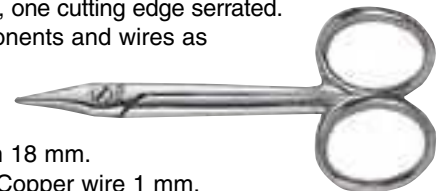
With pointed blades, one cutting edge serrated.





For severing components and wires as well as for cutting twine in cable forming.

Cutting edge length 18 mm.

Cutting capacity: Copper wire 1 mm.

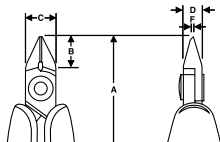
Metal sheet 0.4 mm.



Product code	EAN 731415+		 L mm	 L inch	 g
2707	1066994	1	115	4 1/2	45

RX 8143-RX 8145 Lindstrom Rx series diagonal cutters tapered head

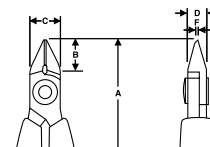
These cutters are made from high performance ball bearing steel, black oxidised. Numerically controlled machine grinding guarantees edge angle accuracy and contact which increases the tools reliability and consistency. Precision induction hardened edges 63-65 HRC. Handles in two component synthetic material and come with return spring. The cutting capacity that is given is for copper wire! These tapered head cutters are ideal for assembly work where accessibility is a consideration.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm		
RX 8143	0103065	1	135.5	10.5	10	6	0.8	0.2-1.25	Micro	68
RX 8144	0103072	1	135.5	10.5	10	6	0.8	0.1-1.25	Flush	68
RX 8145	0103089	1	135.5	10.5	10	6	0.8	0.1-1.0	Ultra	68

2646M-2649 Bahco-series diagonal cutters oval head

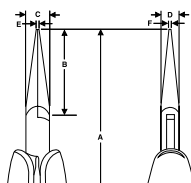
Produced in high performance ball-bearing steel, numerically controlled machine grinding guarantees edge angle accuracy and contact which increases tool reliability and consistency. Precision induction hardened edges, 63-65 HRC. Handles with return spring. **2646RK** with leadcatcher.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	F mm	$\frac{\pm}{\text{max}}$ mm		
2646 M	1487928	1	108.0	8.0	8.0	5	0.8	0.1-0.8	Ultra	44
2646 R	1304706	1	110.0	10.0	10.0	6	0.8	0.2-1.25	Micro	46
2646 RK	1496678	1	110.0	10.0	10.0	6	0.8	0.2-1.25	Micro	46
2646 RA	1834838	1	110.0	10.0	10.0	6	0.8	0.1-1.0	Ultra	46
2666	0058006	1	112.5	12.5	12.5	6	1.2	0.3-1.6	Micro	50
2649	0058013	1	125.0	16.0	16.0	8	1.6	0.4-2.0	Micro	88

RX 7890, RX 7891 Lindstrom Rx series snipe nose pliers

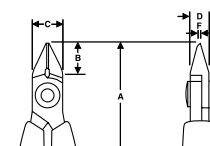
These pliers are made from high performance tools steel with specially forged box joint with polished surface, extra long contact surfaces made possible by a special manufacturing technique. The pliers are toughness hardened to 45-48 HRC. Handles in two component synthetic material and come with return spring. These pliers have 32 mm jaws with radiused edges, **7890** with smooth jaws and **7891** with serrated jaws.



Product code	EAN 731415+		A mm	B mm	C mm	D mm	E mm	F mm	
RX 7890	0103218	1	158.5	32	9	6	1.2	0.8	72
RX 7891	0103225	1	158.5	32	9	6	1.2	0.8	72

2646-2648A Bahco-series diagonal cutters tapered head

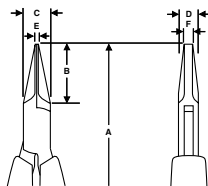
Produced in high performance ball-bearing steel, numerically controlled machine grinding guarantees edge angle accuracy and contact which increases tool reliability and consistency. Precision induction hardened edges, 63-65 HRC. Handles with return spring. **2646K, 2646AK, 2666FKK** with leadcatcher.





Product code	EAN 731415+		A mm	B mm	C mm	D mm	F mm	$\frac{\pm}{\text{max}}$ mm		
2646	1304638	1	110.0	10.0	10.0	6	0.8	0.2-1.25	Micro	46
2646 K	1495862	1	110.0	10.0	10.0	6	0.8	0.2-1.25	Micro	46
2646 A	1304645	1	110.0	10.0	10.0	6	0.8	0.1-1.0	Ultra	46
2646 AK	1396619	1	110.0	10.0	10.0	6	0.8	0.1-1.0	Ultra	46
2666 FK	1066079	1	112.5	12.5	12.5	6	1.2	0.2-1.25	Ultra	49
2666 FKK	1496593	1	112.5	12.5	12.5	6	1.2	0.2-1.25	Ultra	49
2648	1304713	1	125.0	16.0	16.0	8	1.6	0.4-2.0	Micro	88
2648 A	1304720	1	125.0	16.0	16.0	8	1.6	0.3-1.6	Ultra	88

2646MF Bahco-Series flat nose pliers

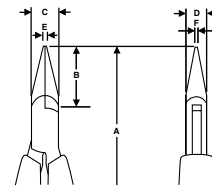
Produced in high performance tool steel with specially forged box joint with extra long contact surfaces made possible by a special manufacturing technique. Handles with return spring. This plier has 20 mm smooth gripping surface radius jaws.





Product code	EAN		A mm	B mm	C mm	D mm	E mm	F mm	
2646 MF	1573683	1	120	20	9	6			53

2646MS Bahco-Series chain nose pliers

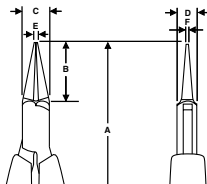
Produced in high performance tool steel with specially forged box joint with extra long contact surfaces made possible by a special manufacturing technique. This plier has 20 mm smooth jaws with radiused edges.



Product code	EAN		A mm	B mm	C mm	D mm	E mm	F mm	
2646 MS	1573768	1	120	20	9	6			56

2646MT Bahco-Series round nose pliers

Produced in high performance tool steel with specially forged box joint with extra long contact surfaces made possible by a special manufacturing technique. Short round nose. Handles with return spring. This plier has 20 mm round smooth jaws that are tapered and precision ground to a fine point.






Product code	EAN		A mm	B mm	C mm	D mm	E mm	F mm	
2646 MT	0058037	1	120	20	9	6	0.5		54

2681 Riveting tool

Swivel-head rivet tool. Head swivels 360° to rivet at any angle. Fasten metal, leather, canvas and vinyl, using 2.4, 3.2, 4.0 or 4.8 mm rivets. Three interchangeable nosepieces can be stored in handle, when not in use.






Product code	EAN			
2681	82767706	12	285	740

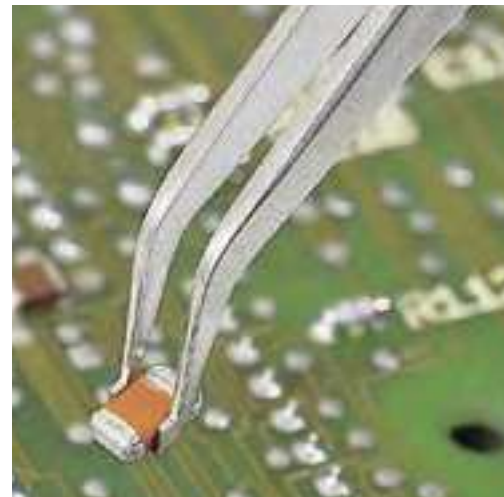
2635 Revolving punch

Revolving punch for punching round holes in leather, rubber, plastic, canvas, gaskets and other similar materials. Six punch sizes included in tool. Unique design reduces cutting power needed with 70%.



Product code	EAN			
2635	82767348	12	260	410

Precision tweezers that are second to none.



Engineered to assure the highest precision and quality. Bahco tweezers offer perfect balance, tip alignment and symmetry as well as a wide range of materials to meet your most sophisticated and demanding requirements, such as electronics and precision instrument adjustments.

5471F General purpose tweezers




Material: SPECIAL STEEL.

5471 F finely serrated, polished, nickel-plated, jaws rounded.

5471 FI rounded, hardened and finely serrated jaws, PVC coated.

5471 FR finely fluted, stainless, rounded and finely serrated jaws.

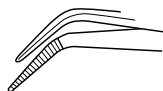





Product code	EAN 731415+		 mm	 g
5471 F-120	1085681	5	120	22
5471 F-145	1085704	5	145	25
5471 F-200	1085728	5	200	35
5471 F-250	1085742	5	250	40
5471 F-300	1085766	5	300	45
5471 FI-120	1085780	5	120	22
5471 FI-145	1085803	5	145	25
5471 FI-200	1085827	5	200	35
5471 FR-120	1085889	5	120	22
5471 FR-145	1085902	5	145	25

5516 College models

Finish: Polished, nickel-plated, jaws hardened.

5516 I PVC coated.



Product code	EAN 731415+		 mm	 g
5516	1086992	5	150	22
5516 I	1087029	5	150	30




5517 Pointed tweezers

Finish: Straight, with finely forged tips, polished, nickel-plated, jaws hardened.

Material: SPECIAL STEEL.

5517 I PVC coated.






Product code	EAN 731415+		 mm	 g
5517	1573843	5	155	22
5517 I	1573928	5	155	30

5518 Cross-leg tweezers

Finish: Polished, nickel-plated and hardened.



Product code	EAN 731415+		 mm	 g
5518	1087043	5	155	32

Engineering files designed to fit the way you work.



To ensure long life, Bahco files are made of high-grade steel and carefully heat-treated to maximum hardness. Designed to withstand high pressure on the workpiece while cutting smoothly and evenly, they feature the right combination of sharp teeth and true body straightness. The result is superior long-term sharpness and durability. With ergonomically designed handles they also provide a safe, non-slip grip for maximum ease of use and precision work.





1-100...-3 Hand file industry pack, with handle 

For filing flat surfaces, sharp corners and shoulders as well as for deburring. A double cut file should be used for work in high-alloy tool steels. Also useful for the sharpening of heavy implements. High removal rate.

Shape: Edges and surfaces parallel. Surfaces double cut, one edge uncut, one edge single cut.

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth.



Product code	EAN 731151+		A mm	B mm	C mm			
1-100-06-1-3	8202538	6	150	16	4.0	13	1	110
1-100-06-2-3	8202545	6	150	16	4.0	18	2	110
1-100-06-3-3	8202552	6	150	16	4.0	22	3	110
1-100-08-1-3	8202569	6	200	20	5.0	10	1	200
1-100-08-2-3	8202576	6	200	20	5.0	14	2	200
1-100-08-3-3	8202583	6	200	20	5.0	18	3	200
1-100-10-1-3	8202590	6	250	25	5.5	9	1	310
1-100-10-2-3	8202613	6	250	25	5.5	12	2	310
1-100-10-3-3	8202644	6	250	25	5.5	16	3	310
1-100-12-1-3	8202668	6	300	30	6.0	8	1	431
1-100-12-2-3	8202682	6	300	30	6.0	11	2	431
1-100-12-3-3	8202712	6	300	30	6.0	14	3	431





1-170...-3 Three square file industry pack, with handle 

For deburring and filing angles and internal corners. For filing of holes and large fillets as well as concave surfaces. Its tapered surfaces make it well suited for flat filing.

Shape: Equilateral triangle. Tapered towards the point. Double cut surfaces.

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth.



Product code	EAN 731151+		A mm	B mm			
1-170-06-1-3	8202651	6	150	11.0	13	1	103
1-170-06-2-3	8202675	6	150	11.0	18	2	103
1-170-06-3-3	8202699	6	150	11.0	22	3	103
1-170-08-1-3	8202705	6	200	15.5	10	1	203
1-170-08-2-3	8202767	6	200	15.5	14	2	203
1-170-08-3-3	8202774	6	200	15.5	18	3	203
1-170-10-1-3	8202781	6	250	17.5	9	1	295
1-170-10-2-3	8202798	6	250	17.5	12	2	295
1-170-10-3-3	8202804	6	250	17.5	16	3	295
1-170-12-1-3	8202811	6	300	19.5	8	1	420
1-170-12-2-3	8202828	6	300	19.5	11	2	420




1-160...-3 Square file industry pack, with handle 

For filing grooves, rectangular holes, internal corners and for fine-adjustment of cutting tools.

Shape: Surfaces tapered towards the point. Double cut.

Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth.







Product code	EAN 731151+		A mm	B mm	C mm		
1-160-06-1-3	8202446	6	150	6	13	1	79
1-160-06-2-3	8202453	6	150	6	18	2	79
1-160-06-3-3	8202460	6	150	6	22	3	79
1-160-08-1-3	8202477	6	200	8	10	1	132
1-160-08-2-3	8202484	6	200	8	14	2	132
1-160-08-3-3	8202491	6	200	8	18	3	132
1-160-10-1-3	8202507	6	250	10	9	1	212
1-160-10-2-3	8202514	6	250	10	12	2	212
1-160-10-3-3	8202521	6	250	10	16	3	212
1-160-12-1-3	8202606	6	300	12	8	1	347
1-160-12-2-3	8202620	6	300	12	11	2	347
1-160-12-3-3	8202637	6	300	12	15	3	347

1-210...-3 Half-round file industry pack, with handle 

For filing concave and flat surfaces and large holes. Suitable for deburring work.

Shape: Edges and surfaces tapered towards the point. 4" and 6" fully pointed, 8" and longer semi-pointed. Double cut. **Type of cut:** 1 = Bastard, 2 = Second, 3 = Smooth.






Product code	EAN 731151+		A mm	B mm			
1-210-06-1-3	8202651	6	150	11.0	13	1	103
1-210-06-2-3	8202675	6	150	11.0	18	2	103
1-210-06-3-3	8202699	6	150	11.0	22	3	103
1-210-08-1-3	8202705	6	200	15.5	10	1	203
1-210-08-2-3	8202767	6	200	15.5	14	2	203
1-210-08-3-3	8202774	6	200	15.5	18	3	203
1-210-10-1-3	8202781	6	250	17.5	9	1	295
1-210-10-2-3	8202798	6	250	17.5	12	2	295
1-210-10-3-3	8202804	6	250	17.5	16	3	295
1-210-12-1-3	8202811	6	300	19.5	8	1	420
1-210-12-2-3	8202828	6	300	19.5	11	2	420

1-230...-3 Round file industry pack, with handle 

For filing holes, large fillets and concave surfaces.
Shape: Tapered towards the point. 4" and 6" fully pointed, 8" and longer semi-pointed. Double cut.
Type of cut: 1 = Bastard, 2 = Second, 3 = Smooth.







Product code	EAN 731151+		A mm	B mm			
1-230-06-1-3	8202958	6	150	6.0	13	1	74
1-230-06-2-3	8202965	6	150	6.0	18	2	74
1-230-06-3-3	8202972	6	150	6.0	22	3	74
1-230-08-1-3	8202989	6	200	8.0	10	1	112
1-230-08-2-3	8202996	6	200	8.0	14	2	112
1-230-08-3-3	8203009	6	200	8.0	18	3	112
1-230-10-1-3	8203023	6	250	10.0	9	1	183
1-230-10-2-3	8203030	6	250	10.0	12	2	183
1-230-10-3-3	8203047	6	250	10.0	16	3	183
1-230-12-1-3	8203054	6	300	12.0	8	1	297
1-230-12-2-3	8203061	6	300	12.0	11	2	297
1-230-12-3-3	8203078	6	300	12.0	14	3	297

1-476 File sets

A set of six 4" smooth double cut files, for fine filing and polishing jobs. The set contains one of each handled files: hand, warding, square, three square, half round and round. Supplied in a snap-shut plastic wallet with hanging hole.
Type of cut: 3 = Smooth.







Product code	EAN 731151+		mm 		
1-476-04-3-2	8010928	1	100	3	200

1-478 Set of five engineering files



Sets of five 8" or 10" engineers files complete with handles and a plastic roll-up wallet with tie. Each set is supplied in a cardboard display box containing one each: hand bastard, hand second, square bastard, half round bastard, round bastard.
Type of cut:
 1 = Bastard, 2 = Second.



Product code	EAN 731151+		mm 		
1-478-08-1-2	8141127	5	200	1+2	900
1-478-10-1-2	8241995	5	250	1+2	1100

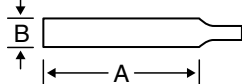
2-307 Round 





For fine filing and polishing jobs. Used by engravers, precision engineers, instrument makers, watchmakers and goldsmiths.

Shape: Round. Surfaces taper to a point.

Double cut. Industry pack, unhandled.

Type of cut: 0 = Bastard, 1 = Second, 2 = Smooth, 4 = Dead smooth.



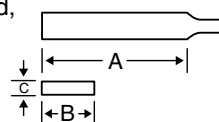
Product code	EAN 731151+		A mm	B mm			
2-307-14-0-0	8044206	10	140	2.8	22	0	5
2-307-14-2-0	8044213	10	140	2.8	34	2	5
2-307-14-4-0	8108885	10	140	2.8	48	4	5
2-307-16-0-0	8020651	10	160	3.0	22	0	7
2-307-16-1-0	8020668	10	160	3.0	26	1	7
2-307-16-2-0	8020675	10	160	3.0	34	2	7
2-307-16-4-0	8020682	10	160	3.0	48	4	7
2-307-18-0-0	8190965	10	180	3.3	22	0	13
2-307-18-2-0	8190972	10	180	3.3	34	2	13





2-301 Flat 

For fine filing and polishing jobs. Used by engravers, precision engineers, instrument makers, watchmakers and goldsmiths.

Shape: Surfaces parallel, edges taper to a point. Surfaces double cut, edges single cut. Industry pack, unhandled.

Type of cut: 0 = Bastard, 1 = Second, 2 = Smooth, 4 = Dead smooth.



Product code	EAN 731151+		A mm	B mm	C mm			
2-301-14-0-0	8190569	10	140	5.0	1.3	22	0	6
2-301-14-2-0	8108748	10	140	5.0	1.3	34	2	6
2-301-14-4-0	8190576	10	140	5.0	1.3	48	4	6
2-301-16-0-0	8108755	10	160	5.6	1.4	22	0	8
2-301-16-1-0	8020538	10	160	5.6	1.4	26	1	8
2-301-16-2-0	8020545	10	160	5.6	1.4	34	2	8
2-301-16-4-0	8190583	10	160	5.6	1.4	48	4	8
2-301-18-2-0	8190606	10	180	6.1	1.5	34	2	13



2-471 Needle file set





Set of 9 files in snap-shut plastic wallet with hanging hole.

Shape: Contains one file each of: hand, flat, half round, round, three square, square, oval, crossing and knife.

Includes one handle 9-488-02-10. Industry pack, unhandled.

Type of cut: 1 = Bastard.



Product code	EAN 731151+				
2-471-16-1-0	8010959	1	26	1	95

2-472 Needle file sets





Set of 12 files in snap-shut plastic wallet with hanging hole.

Shape: Contains one file each of: hand, flat, three square, square, half round, crossing, round, knife, barrette, slitting, round-edge joint and marking.

Includes one handle 9-488-02-10. Industry pack, unhandled.

Type of cut: 0 = Bastard, 1 = Second, 2 = Smooth, 4 = Dead smooth.



Product code	EAN 731151+				
2-472-14-2-0	8109103	5	34	2	90

Cutting edge hacksaws.



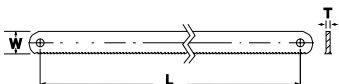
Lightweight, sturdy and compact, and with high blade tension, Bahco hacksaw frames offer exceptional ease of use, accessibility and precision. Together with a wide choice of conventional as well as a variety of shatterproof bi-metal blades with different toothings they cover an extremely wide range of demanding applications and specific needs.

3906 New Sandflex® Bi-metal

The virtually unbreakable and shatterproof bi-metal blade with precision ground teeth for all kinds of metal sawing. With a blade back of strong, flexible spring steel and a tooth line in high-alloyed super high speed steel, this blade is guaranteed to keep its sharpness for a long time. The new Sandflex® blade combines extreme cutting performance and wear resistance with a high degree of flexibility and is vastly superior to all-hard high speed blades or conventional, flexible blades. Packaging of -100: 10 bundles of 10 blades in black, plastic box with transparent cover. -100-RET: 100 individually bar coded blades in a unique dispenser package. -10P: 10 blades in a special package with hanging loop. -5P: 5 blades in a special package with hanging loop. -3P: 3 blades, 1 each of 18, 24 and 32 TPI, in plastic pouch, box of 10 packs. -2P: 2 carded blades, box of 10 packs.



100P



Product code	EAN 731151+		LxWxT mm	TPI	
3906-250-18-100	8233495	100	250x13x0.65	18	15
3906-250-24-100	8233501	100	250x13x0.65	24	15
3906-250-32-100	8233518	100	250x13x0.65	32	15
3906-300-14-100	8233525	100	300x13x0.65	14	17
3906-300-18-100	8233532	100	300x13x0.65	18	17
3906-300-24-100	8233549	100	300x13x0.65	24	17
3906-300-32-100	8233556	100	300x13x0.65	32	17
3906-300-14-100-RET	8233563	100	300x13x0.65	14	17
3906-300-18-100-RET	8233570	100	300x13x0.65	18	17
3906-300-24-100-RET	8233587	100	300x13x0.65	24	17
3906-300-32-100-RET	8233594	100	300x13x0.65	32	17
3906-300-18-2P	8233617	1	300x13x0.65	18	48
3906-300-24-2P	8233624	1	300x13x0.65	24	48
3906-300-32-2P	8233631	1	300x13x0.65	32	48
3906-300-3P	8233754	1	300x13x0.65	18/24/32	74
3906-300-18-5P	8237400	1	300x13x0.65	18	84
3906-300-24-5P	8237417	1	300x13x0.65	24	84
3906-300-32-5P	8237424	1	300x13x0.65	32	84
3906-300-14-10P	8233693	1	300x13x0.65	14	182
3906-300-18-10P	8233723	1	300x13x0.65	18	182
3906-300-24-10P	8233730	1	300x13x0.65	24	182
3906-300-32-10P	8233747	1	300x13x0.65	32	182

325 Hand hacksaw frame

A truly unique and professional hacksaw frame. Ergonomically designed with very high blade tension for straight, accurate and exact kerfs. Centred blade for correct balance and spring tensioned blade loading mechanism for quick blade changes. Alternative 55° blade mounting for flush cutting. Supplied with the reliable and shatterproof Bi-Metal blade 24 TPI with excellent cutting performance.



Product code	EAN 731151+		L mm	
325	8247454	5	300	720

319 Hand hacksaw frame

A truly unique and professional hacksaw frame with a design that allows very high blade tension for straight, accurate and exact kerfs. This is due to the steel tube core with comfortable plastic covering. Alternative 55° blade mounting for flush cutting. Supplied with the reliable and shatterproof New Sandflex® 3906 bi-metal blade with 24 TPI for excellent cutting performance.





Product code	EAN 731151+		L mm	
319	8240943	5	300	510

Hand hacksaw blades and frames

218 Junior hacksaw frame

With 6" (150 mm), 32-TPI blade for metalworking.





Product code	EAN		
218	8017521	10	90

268 Mini-hacksaw frame

Mini-hacksaw frame with solid steel profile. Frame chrome finished and fitted with a glass-fibre handle to give a good and comfortable grip. Practical and simple blade-tensioning screw. Complete with 6" (150 mm), 32-TPI blade for metalworking.



Product code	EAN		$\left \overset{L}{\text{---}} \right $ mm	
268	8017538	5	150	180

219 Junior hacksaw frame

With 6" (150 mm), 32-TPI blade for metalworking. Wooden handle.



Product code	EAN		
219	8140953	5	100

208 Mini hacksaw

A useful mini-hacksaw for difficult-to-reach positions. Easy to handle and supplied with a 10" (250 mm) Sandflex® Bi-Metal blade, 24 TPI.



Product code	EAN		
208	8017545	5	260

Electronics and fine mechanical tools that suit the job.



Whenever you may have a need for tools and tool sets that meet special requirements, you will find them in our assortment of special engineered tools made to measure for sophisticated electronics work and demanding fine mechanical applications. Each one of them based on the expertise that has established Bahco as the benchmark for quality and precision.




2816 Universal knives

Finish: Polished.

Material: LIGHT METAL.

Retractable blade knife with spare blade storage inside handle. Ideal for floor covering, rubber, cardboard, leather, wood etc. Sliding button for blade adjustment. Suspension hole and four standard blades in the handle.






Product code	EAN 731415+		 mm	 g
2816	1345501	1	160	67

2817 Fixed blade knife

With spare blade storage inside handle. Ideal for floor covering, rubber, cardboard, leather, wood etc. Suspension hole and four standard blades in the handle.



Product code	EAN 731415+		 mm	 g
2817	1068776	1	140	75




2817K Spare blades

For No. 2816 and No. 2817. Packed in sets of 10 pieces.

2817K Standard blades.

2817KH Curved blades.



Product code	EAN 731415+		 mm	 g
2817K	1068813	10	53.0	3
2817KH	1068820	10	50.5	3




2819 Electrician's knife

Folding knife.

Material: SPECIAL STEEL.

Extra large, strong stainless blade. With black plastic handle.




Product code	EAN 731415+		 mm	 g
2819	1068844	5	110 / 200	80

2490/2491 Universal knives

Ideal for many automotive/industrial applications like cutting textiles, fascia, headliner, carpet, rubber, plastics and cardboard. Full length stainless steel blade for long lasting use. Re-sharpen periodically with water stone.

2491 single edge, 2490 double edge.






Product code	EAN 731151+		 mm	 g
2490	8276089	12	210	75
2491	8276096	12	210	60

2488 Hook knife

Hook knife with two component handle for better grip. Easy to clean and resistant to most solvents. Full length stainless steel blade for long lasting use. Re-sharpen periodically with water stone.






Product code	EAN 731151+		 mm	 g
2488	8276072	12	190	80

2489 Putty knife

Putty knife with hardened steel blade that extends through the handle. To be used for applying and smoothing adhesives, putties and car body fillers. Two component plastic handle.



Product code	EAN 731151+		 mm	 g
2489	8276065	12	235	160




SQZ150003 Squeeze knife

Squeeze knife with quick change blade and 6 extra blades in special compartment.

SQZ150003-SBL spare blade box, 12 pcs.

SQZ150003-HSBL hook spare blade box, 12 pcs.



Product code	EAN 731415+		 mm	 g
SQZ150003	3013477	6	170	350
SQZ150003-SBL	3015372	12		6.3
SQZ150003-HSBL	3015389	12		6.3

5050 Polyscope

Material: Probe of STEEL, handle and sound-conducting tubes of plastic. Accoustic detector for locating mechanical defects. The flexible sound-conducting tube also works in inaccessible places.



Product code	EAN 731415+		L mm	g
5050	1083359	1	1000	155

5526 Universal inspection mirror, with clip and light

Finish: Adjustable mirror.
Material: Stainless steel mirror casing, extension of PVC tube. With clip and light, can be used as pocket mirror after removing PVC tube.



Product code	EAN 731415+		mm	L mm	g
5526	1401047	1	30	300	90

2510 Flexible workshop mirror

Finish: Mirror casing natural finish, chromed flexible shaft.
Material: Aluminium mirror casing, flexible brass shaft. The mirror position can be adjusted through the handle.
Mirror size: 50x70 mm. **Handle length:** 500 mm.



Product code	EAN 731415+		mm	L mm	g
2510	1064297	1	50x70	570	280

5523 Flexible inspection mirror, with light

Finish: Plastic handle, magnifying mirror.
Material: BRASS, flexible steel spiral of stainless steel. With light.



Product code	EAN 731415+		mm	L mm	g
5523	1087104	1	23	490	125

5515L Small mirror

Finish: Nickel-plated, blue sheath.
Material: BRASS. Magnifying, with plastic handle, length 80 mm. For work on circuit boards. Supplied with mirror protection pouch. Mirror 18 mm Ø.



Product code	EAN 731415+		mm	L mm	g
5515L	1481568	5	18	175	15

5515M Repair mirror, with metal handle

Finish: Polished and nickel-plated. Mirror 30 mm Ø.







Product code	EAN 731415+		mm	L mm	g
5515M	1086985	5	30	210	20

5515B Plastic repair mirror

Finish: Red transparent.

Material: CELLULOSE ACETATE. For all applications on electronics equipment. Detachable handle. Mirror 28 mm Ø.







Product code	EAN 731415+		 mm	 mm	 g
5515B	1086978	5	28	225	15

5515GV Swivel head mirror

Finish: Chrome-plated.

Material: STEEL, mirror casing of stainless steel. With metal handle and hand protection, adjustable in all directions, magnifying. Mirror 30 mm Ø.







Product code	EAN 731415+		 mm	 mm	 g
5515GV	1481483	1	30	215	42

5515T Pocket telescopic mirror

Finish: Nickel-plated.

Material: Mirror casing of stainless steel. Adjustable in all directions, magnifying. Length, extended 655 mm, retracted and folded 180 mm. Mirror 30 mm Ø.







Product code	EAN 731415+		 mm	 mm	 g
5515T	1589172	1	30	180-655	45






A5530 Telescopic mirror

Finish: With plastic handle, in wooden case. With illuminated mirror surface.






Product code	EAN 731415+		 mm	 mm	 g
A5530	1738433	1	60	350-800	840




2535T Magnetic pick-up tool, telescopic type**Finish:** Chrome-plated magnetic head, 13 mm Ø.**Material:** BRASS.**Maximum pressure force:** 1200 g/42 Oz.

Product code	EAN 731415+		 mm	 g
2535T	1064525	1	420-700	245




2535F1 Magnetic pick-up tool**Finish:** Chrome-plated and polished.**Material:** Brass, with plastic handle.**Maximum pressure force:** 500 g/18 Oz. Head 8 mm Ø.

Product code	EAN 731415+		 mm	 g
2535F1	1064495	1	460	100

2509 Flexible pick-up tool**Finish:** Chrome-plated. Flexible shaft with steel core.**Material:** BRASS. For gripping very small parts.**Maximum opening** 14 mm.

Product code	EAN 731415+		 mm	 g
2509	1064280	1	525	10




2535K Magnetic pick-up tool with joint**Finish:** Chrome-plated magnetic head, 8 mm Ø.**Material:** BRASS. For office and fine-mechanics applications.**Maximum pressure force:** 400 g/14 Oz.

Product code	EAN 731415+		 mm	 g
2535K	1064501	1	235	60




3524 Three square scraper**Finish:** Fine-polished, handle nickel-plated, blade forged.

Adjustable for very fine work.

Length: Blade 85 mm, holder 95 mm. **3524L-K** Blade only.

Product code	EAN 731415+		 mm	 g
3524	1073336	1		24
3524LK	1339807	1		5




3525HB Three square machinist's scraper**Finish:** Polished, sheathed down to the tip.**Material:** VANADIUM-EXTRA. With hollow blade, plastic handle and hand protection. For very fine work.**Blade length** 80 mm.

Product code	EAN 731415+		 mm	 g
3525HB	1073350	5	165	40

1157 Centre punch

Automatic centre punch which operates by hand pressure only, no hammer required. Hardened steel point.






Product code	EAN 731151+		 mm	 g
1157	8277031	25	140	19

2487 Carbon scraper

Rigid carbon scraper for gasket removal. Durable plastic handle with carbon steel blade. Blade 20 mm wide.



Product code	EAN 731151+		 mm	 g
2487	8276058	12	210	125

1162N Measuring tool

Measuring tape 3 metre with flexible steel pull-push tape, 13 mm wide with metric and inch graduations on both sides. For external and internal measurements.



Product code	EAN 731415+		
1162N-1/2	1847241	1	132

1150D Measuring tool

Digital caliper of stainless steel with mm and inch range from 0-150 mm in 0.01 mm increments. Depth gauge including limit and peak measurements. Supplied in protective box.

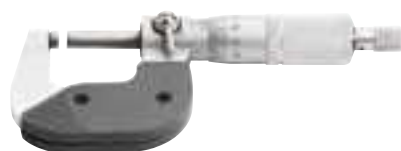


Product code	EAN 731151+		
1150D	8276614	1	290

1150-OM Measuring tool

Precision external micrometer with zinc anvil housing and stainless steel screw and handle.

Capacity: 0-25 mm in 0.01 mm increments.



Product code	EAN 731151+		
1150-OM	8276607	1	300

3046-OP Measuring tool

10X optical magnifier with built in LED light for easy inspections. 40000 hours of life under normal usage. 3AAA batteries required, 40-50 hrs of life under continuous use.



Product code	EAN 731151+				
3046-OP	8276980	6	30	90	100

1179 Measuring tool

Straight edge for use with feeler gauges to check for distortion in engine blocks, cylinder heads, flywheels, main bearing saddles, cam bearing saddles, cam covers and bell housings. Precision working steel hardened edge. Convenient hanging hole and edge protector.



Product code	EAN 731151+			
1179	8276102	10	450	1400

1179-FLX Measuring tool

Flexible stainless steel rule with pocket clip. With both inch and metric measurement scales.



Product code	EAN 731151+			
1179-FLX	8276997	100	160	9

1544 Measuring tool

Professional feeler gauges for adjusting governor gap. Includes 26 blades 0.03 mm to 0.1 mm in 0.01 mm increments and 0.10 mm to 1.0 mm in 0.05 mm increments.



Product code	EAN 731151+			
1544	8276560	1	76	77

1547 Measuring tool

Professional feeler gauge for adjusting governor gap. 20 blades in sizes 0.05 mm to 1.00 mm.



Product code	EAN 731151+			
1547	8276577	1	100	93

Extractors, pry bars and punches you can rely on.

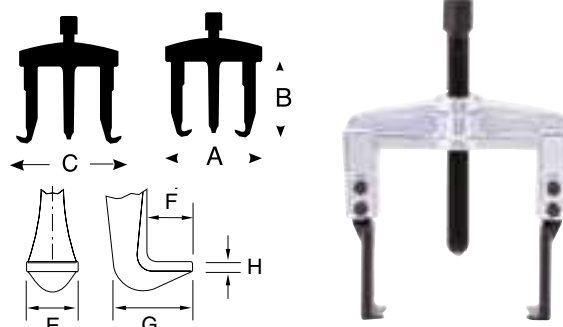


The extensive range of Bahco extractors, pry bars and punches has one common feature: they are the best choice for every occasion. With wear resistance and precision beyond all others, they set the quality standards. Quality that increases efficiency and contributes to productivity.

4532 Universal two arm pullers

Finish: Galvanized, induction hardened spindle. From 4532-C arms and yokes are drop-forged.

Material: SPECIAL STEEL. By reversing the arms, the puller can be used as an internal or external puller. The large claw surfaces offer many advantages for careful and quick removal of pulleys, gears, ball bearings etc. The claw is milled to a slender and pointed form for easy access in confined spaces, such as in the automotive industry, for example. Legs are always gripping parallel. Leg tip extremely flat. Leg body extremely narrow. **4532-0** with slender special arm.



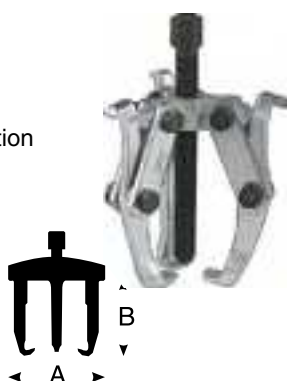
Product code	EAN 731415+		A mm	B mm	C mm				E mm	F mm	G mm	H mm			
4532-0	1719722	1	20-80	100	60-100	60	3.5	35	3.6	6	13	27	M14 x 1.5 x 135	17	1000
4532-A	1082109	1	25-80	100	70-130	80	4.5	45	3	13	25	20	M14 x 1.5 x 135	17	1000
4532-B	1082116	1	25-130	100	80-180	80	4.5	45	3	13	25	20	M14 x 1.5 x 135	17	1200
4532-C	1082123	1	50-160	150	105-220	190	6.5	65	4	16	35	25	R1/2" x 14Gg. x 210	22	3000
4532-D	1082130	1	60-200	150	120-270	190	6.5	65	4	16	35	25	R1/2" x 14Gg. x 210	22	3200
4532-E	1082147	1	80-250	200	160-330	360	11.0	110	5	25	54	35	R3/4" x 14Gg. x 265	27	7000
4532-F	1082154	1	80-350	200	160-420	360	11.0	110	5	25	54	35	R3/4" x 14Gg. x 265	27	8000
4532-G	1082161	1	110-520	200	195-600	360	13.0	130	5	25	54	35	R3/4" x 14Gg. x 265	27	14000
4532-H	1719999	1	170-640	225	260-715	400	18.0	180	10	33	55	50	R1" x 11Gg. x 305	36	23000

4542 Three arm pullers

Finish: Galvanized.

Material: SPECIAL STEEL.

Application: the sturdy construction of the claws resists heavy stress. Especially suited for pulling ball bearings, pulleys, gears, etc. For external pulling. Double sided arms, one end broad, other end narrow. During lever action claws press closely under the part to be removed.



Product code	EAN 731415+		A mm	B mm				
4542-A	1082451	1	20-150	85	90	4.5	45	1100
4542-B	1082468	1	40-200	130	120	6	60	2700

4543 Two and three arm pullers

Finish: Galvanized.

Material: SPECIAL STEEL.

Handy puller for light duty work, such as on terminals, gears, ball bearings, pulleys etc. During lever action claws press closely under the part to be removed.

4543-1 to **-3** with 2 arms.

4543-10 to **-30** with 3 arms.

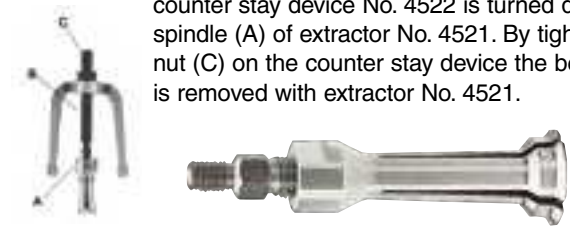


Product code	EAN 731415+		A mm	B mm				
4543-1	1082499	1	10-60	40	18	1.0	10	100
4543-2	1082505	1	10-70	65	20	1.2	12	200
4543-3	1721381	1	10-90	84	24	2.0	20	300
4543-10	1721466	1	10-60	40	20	1.2	12	200
4543-20	1721541	1	10-70	65	21	1.3	13	300
4543-30	1721626	1	10-90	84	45	2.5	25	400

4521N Ball bearing internal extractors

Finish: Gunmetal finish.

Material: SPECIAL STEEL. The extractor shank has multiple slots (1-4). This allows uniform spreading on the periphery and safe removal of the ball bearing. For extracting ball bearings from housings, ball bearing outer races, bushings and oil seals. Extractor No. 4521 is inserted into the bore of the ball bearing so that the tapered lips of the puller jaws are positioned behind the inner race. This is possible even if the bearing fits tightly against the back of the housing, since the edges of the inner race are rounded. By tightening nut A, the puller jaws spread behind the bearing. Spindle (B) of the counter stay device No. 4522 is turned down on spindle (A) of extractor No. 4521. By tightening nut (C) on the counter stay device the bearing is removed with extractor No. 4521.



Product code	EAN 731415+		mm		mm		g
4521N-00	1837716	1	5-7	1	30	4522-1	50
4521N-0	1837723	1	7-9	1	30	4522-1	50
4521N-A	1837730	1	9-12	1	30	4522-1	60
4521N-B	1837747	1	10-13	4	30	4522-1	60
4521N-C	1837754	1	13-17	4	50	4522-1	80
4521N-D	1837761	1	14-19	4	60	4522-1	80
4521N-E	1837778	1	16-21	4	60	4522-1	80
4521N-F	1837785	1	18-23	4	60	4522-1	80
4521N-G	1837792	1	20-25	4	60	4522-1	100
4521N-H	1837808	1	25-30	4	60	4522-1	120
4521N-I	1837815	1	30-37	4	70	4522-1	250
4521N-K	1837822	1	35-42	4	70	4522-1	250
4521N-L	1837839	1	38-45	4	70	4522-1	250
4521N-M	1837846	1	43-50	4	70	4522-1	400
4521N-S	1839789	1	40-75	3	100	4522-2	850
4521N-T	1839796	1	70-115	3	130	4522-2	1500

4522 Counter stay devices

2-armed puller with spindle to fit 4521.

Finish: Galvanized.

4522-1 fits 4521N-00 to -M.

4522-2 fits 4521N-S and -T.



Product code	EAN 731415+		g
4522-1	1081591	1	600
4522-2	1081614	1	1400

4521N/7 Complete workshop puller assortment

Finish: Galvanized and gunmetal finish.

Material: SPECIAL STEEL.

In metal box, colour anthracite.

Box size: 400x310x70 mm.



Product code	EAN 731415+		g
4521N/7	1839802	1	6450
4521N-B			
4521N-D, 4521N-G, 4521N-H, 4521N-I, 421N-L, 4521N-S			
4522-1, 4522-2			

4580N/7 Set of ball bearing pullers

Large, complete puller assortment in metal box in anthracite colour.

Finish: Galvanized.

Material: SPECIAL STEEL.

For ball bearings 6000-6012, 6200-6212, 6300-6311, 6403-6406.

Pullers No. 4581NB-1, 4582N-1, 4582N-2, 4583N-1, 4583N-2 plus 8 arms set, 4 pcs each. No. 4581NA thru 4583NB.



Product code	EAN 731415+		mm	g
4580N/7	1301361	1	287x192x66	8000

4611 Nut splitters mechanical

Mechanical nut splitter.

Finish: Galvanized.

Material: SPECIAL STEEL.

For removal of jammed nuts up to type 6.



Product code	EAN 731415+			mm	Nm	g
4611-2	1725372	1	M4-M18	6-27	50	300

1420-1424 Stud extractors for broken-off screws, bolts and studs

Finish: Blasted.

Material: CHROME-VANADIUM.



Product code	EAN 731415+		Ø mm			
1420-1.4	1696337	1	1.4 - 3.6	50	1.8 M3-6	3
1421-2.1	1696412	1	2.1 - 4.9	57	2.6 M6-8	7
1422-3.1	1696689	1	3.1 - 6.5	65	3.7 M8-11	15
1423-4.8	1696764	1	4.8 - 8.8	70	5.5 M11-14	25
1424-6.2	1696849	1	6.2 - 11.0	80	7.0 M14-18	45

1435/5 Stud extractor set

Finish: Blasted.

Material: CHROME-VANADIUM.

Supplied in plastic case.

To extract studs M 3 to M 18.



Product code	EAN 731415+		
1435/5	1040734	1	145
1420 1421 1422 1423 1424			

1418S Stud extractors for broken-off screws, bolts and studs, set

Finish: Black finish.

Material: VANADIUM-EXTRA.

In plastic case.



Product code	EAN 731415+		
1418S	1040604	1	620
1411 1412 1413 1414 1415			
G220 HSS-M			
3.2 4.8 6.4 8 8.7 mm DIN 338 RN			
1418 A B C D E F G H I K			

1450D-ISO Double thread restorers for internal and external threads, Metric

Finish: Galvanized.

Pitch metric / thread mm 0.80 / 5, 1.00 / 6 and 7, 1.25 / 8 and 9, 1.50 / 10 and 11, 1.75 / 12, 2.00 / 14 and 16, 2.50 / 18, 20 and 22, 3.00 / 24 and 27.



Product code	EAN 731415+			
1450D-ISO	1040970	1	230	117

1450D-WW Double thread restorers for internal and external threads, Inch

Finish: Galvanized. Treads Whitworth. B.S.F thr. inch thr.

BSW inch 24 3/16 --, 20 1/4 3/8, 18 5/16 7/16, 16 3/8 1/2 and 9/16, 14 7/16 5/8, 12 1/2 and 9/16 3/4, 11 5/8 7/8, 10 3/4 1".



Product code	EAN 731415+			
1450D-WW	1040987	1	230	117

1450D/2 Set

In wooden box, with thread table.



Product code	EAN 731415+		
1450D/2	1040963	1	300
1450D-ISO			
1450D-WW			

4594 Stud removers

Roller type pin stud remover. For use in confined spaces. Reversible.

Sizes: 6, 8, 10 and 12 mm.



Product code	EAN 731151+					
4594-6	8276232	20	1/2	22	60	130
4594-8	8276249	20	1/2	22	60	130
4594-10	8276259	20	1/2	22	70	180
4594-12	8276263	20	1/2	22	70	180

2632 Combination cotter pin extractor and spreader

Drop forged and well balanced.

Finish: Working surfaces fine-polished, made of 8 mm hexagon stock.

Material: VANADIUM-EXTRA.

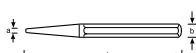


Product code	EAN 731415+			
2632	1065706	1	170	55

3733 Drift punches

Finish: Lacquered, copper coloured, safety impact head.

Material: VANADIUM-EXTRA. Octagonal shank. DIN 6458.



Product code	EAN 731415+		L mm	Ø a mm	b mm	
3733-1	1834364	5	120	1	10	65
3733-2	1834371	5	120	2	10	65
3733-3	1834388	5	120	3	10	65
3733-4	1834395	5	120	4	10	65
3733-5	1834401	5	120	5	10	65
3733-6	1834418	5	120	6	10	65
3733-7	1834425	5	120	7	12	95
3733-8	1834432	5	120	8	12	95
3733-9	1834449	5	150	9	12	115
3733-10	1834456	5	150	10	12	115

3680 Special pry bar

For prying of cylinder heads and gears, for loosening rust-bound parts, seating and deseating ball bearings.



Product code	EAN 731415+			
3680	1075835	1	400	500

2484/S4 Pry bar set

Set of pry bars for easy prying and bending. Lightweight plastic handles give a comfortable grip as well as powerful leverage potential. Lengths: 200, 300, 450 and 600 mm.



Product code	EAN 731151+		
2484/S4	8276553	10	1500

3683 Special pry bar

With convex 90° offset head, suitable for work in confined spaces such as behind gears etc.

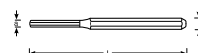


Product code	EAN 731415+			
3683	1075866	1	400	410

3658A Centre punches with hand protection

Finish: Nickel-plated, safety impact head.

Material: VANADIUM-EXTRA, plastic coated. DIN 6450. Octagonal shank.



Product code	EAN 731415+		L mm	Ø a mm	b mm	
3658A-2	1075293	5	150	2	8	60
3658A-3	1075309	5	150	3	8	60
3658A-4	1075316	5	150	4	10	65
3658A-5	1075323	5	150	5	10	65
3658A-6	1075330	5	150	6	12	70
3658A-8	1075347	5	150	8	12	75

3643 Centre punches with hand protection

Finish: Nickel-plated, safety head.

Material: VANADIUM-EXTRA, plastic coated. DIN 7250. Octagonal shank.



Product code	EAN 731415+		L mm	a mm	b mm	
3643-100	1074654	5	100	3	8	35
3643-120	1074678	5	120	4	10	65
3643-150	1074685	5	150	5	12	145

2483 Special pry bar

Trim pad remover for easy removal of fasteners that secure door panels and trim without causing damage. Plastic handle with steel blade.



Product code	EAN 731151+			
2483	8276546	16	230	140

3658A/6 Drift punches with hand protection, Tool set

Finish: Nickel-plated, safety impact head.
Material: VANADIUM-EXTRA, plastic coated. DIN 6450. Octagonal shank. In wooden stand.



Product code	EAN 731415+		
3658A/6	1075354	1	590
3658A			
2 3 4 5 6 8 mm			

3659 Drift punches with knurled guide sleeve

Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA. Pin finely ground and polished. The drift pin is positioned with the guide sleeve pushed forward. When driven, the pin is supported by the sliding sleeve, thus avoiding breakage of the pin.
 ** without guide sleeve.
 Spare parts No. **3659 D** = spare drift pins. When ordering, please state diameter.



Product code	EAN 731415+		∅ mm	L mm	
3659-0.9	1075507	5	0.9	75	5
3659-1.4	1075514	5	1.4	85	12
3659-1.8	1597351	5	1.8	85	12
3659-2.4	1075538	5	2.4	90	21
3659-2.8	1597436	5	2.8	95	22
3659-3.4	1075552	5	3.4	95	23
3659-3.9	1075569	5	3.9	100	25
3659-6.0	1075576	5	** 5.9	100	30

3659/8 Sets of pin punches

Set of 8 pin punches in plastic stand.
Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.
 Pin finely ground and polished. The drift pin is positioned with the guide sleeve pushed forward. When driven, the pin is supported by the sliding sleeve, thus avoiding breakage of the pin. 6.0 mm without guide sleeve.



Product code	EAN 731415+		
3659/8	1075583	1	265
3659			
0.9 1.4 1.8 2.4			
2.8 3.4 3.9 6.0 mm			

3659/8T Set of 8 pin punches in plastic wallet

Finish: Nickel and chrome-plated.
Material: VANADIUM-EXTRA.
 Pin finely ground and polished. The drift pin is positioned with the guide sleeve pushed forward. When driven, the pin is supported by the sliding sleeve, thus avoiding breakage of the pin. 6.0 mm without guide sleeve.



Product code	EAN 731415+		
3659/8T	1472573	1	190
3659			
0.9 1.4 1.8 2.4			
2.8 3.4 3.9 6.0 mm			

3656/10 Set of chisels, drift and centre punches

Finish: Nickel-plated, safety impact head.
Material: VANADIUM-EXTRA.
 In plastic wallet.



Product code	EAN 731415+		
3656/10	1075279	1	1245
3656			
125 150 175 mm			
3644			
120 150 mm			
3649			
125 x 5 mm			
3643			
120 x 4 mm			
3646			
125 150 165 mm			

2633 Hooks and picking tools

Miniature awls, hooks and picks for scribing, alignment, O-ring removal, piercing holes in leather or fabrics and for cleaning nooks and crannies. Plastic handles with stainless steel blades.



Product code	EAN 731151+		L mm	
2633/S4	8276942	12	130	80
2633/L4	8276959	12	250	120

High performance scrapers, chisels and hammers.






Ease of use, durability and safety are the common denominators for the Bahco range of scrapers, chisels and hammers. Well balanced and made to meet the very special demands of their user, they provide perfect precision in the most sensitive and demanding applications, such as airframe maintenance and repair.

625 Scraper

625 Ergo is specially designed for precision work such as scraping windows, moulding and narrow corners. Carbide blade allows for scraping on wood, metal and concrete, such as paint, glue, varnish and rust. 2-component handle for better grip and comfort. Narrow front with precision thumbgrip. Delivered with triangular 25 mm blade and holster. Designed for convenient storage in pocket or belt. Can be fitted with profile blades 625-round, 625-drop and 625-pear.





Product code	EAN 731151+			
625	8221614	5	25	107

625 Scraper blades

Profile blades for scraper 625. Enables scraping on windows, frames and mouldings with different inverted radii. Made of cemented carbide with superior sharpness, for scraping on wood, metal and concrete. Can be turned 360° in the scraper to find different radii or sharp points. Outer diameter on round section is 17 mm / 2/3".






Product code	EAN 731151+		
625-DROP	8221638	10	3
625-PEAR	8014506	10	3
625-ROUND	8005337	10	3

650 Scraper

650 Ergo is a power scraper for universal use. Carbide blade allows for scraping on wood, metal and concrete, such as paint, glue, varnish and rust. 2-component handle for better grip and comfort. Slimlined front part for access in confined spaces. Delivered with 50 mm blade, but also readily accepts 65 mm blades.






Product code	EAN 731151+			
650	8221591	5	50	158

442/451/449 Scraper blades

The cemented-carbide blade stays sharp and productive up to 50 times longer than a conventional steel blade. Allows scraping on wood, metal and concrete. In addition the blades are precision-ground to a slightly convex shape that prevents the blade corners from scratching the work surface. 50 mm and 65 mm blades are double edged, the triangular has three edges.






- 442:** Spare blade 50 mm for scrapers 650 and 440.
- 451:** Spareblade 65 mm for scrapers 665 and 650.
- 449:** Spareblade triangular 25 mm for scrapers 625 and 448.

Product code	EAN 731151+			
442	8002848	10	50	6
451	8014506	10	65	10
449	8005337	10	25	6

665 Scraper

665 Ergo is a heavy duty scraper. The double handed grip makes it a powerful choice for scraping large areas. Carbide blade allows for scraping on wood, metal and concrete, such as paint, glue, varnish and rust. 2-component handle for better grip and comfort. Slimlined front part for access in confined spaces. Delivered with 65 mm blade but also readily accepts 50 mm blade.



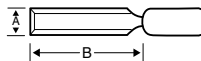
Product code	EAN 731151+			
665	8221607	5	65	193



424P Chisels

The 424P has been carefully engineered to satisfy most professional requirements, from smooth precision work to demanding carpentry applications.

Features and benefits:

- Specially designed two component handle maximizes control and comfort.
- Precision ground blade for maximum sharpness.
- Hardened and tempered for long lasting performance.
- Honed and ready to use.
- Protective holster included.
- Size range: 4 to 40 mm (5/32 to 1 9/16").






Product code	EAN 731151+		A mm	B mm	
424P-4	8238285	4	4	140	195
424P-6	8238292	4	6	140	201
424P-8	8238308	4	8	140	207
424P-10	8238315	4	10	140	214
424P-12	8238322	4	12	140	221
424P-14	8238339	4	14	140	229
424P-15	8238346	4	15	140	233
424P-16	8238353	4	16	140	242
424P-18	8238360	4	18	140	246
424P-20	8238377	4	20	140	257
424P-22	8238384	4	22	140	269
424P-24	8238391	4	24	140	280
424P-25	8238407	4	25	140	285
424P-26	8238414	4	26	140	290
424P-28	8238421	4	28	140	300
424P-30	8238438	4	30	140	310
424P-32	8238445	4	32	140	320
424P-35	8238452	4	35	140	334
424P-38	8238469	4	38	140	349
424P-40	8238476	4	40	140	358

783 Brush

Steel brush for cleaning of disc brakes and drums. With plastic handle and 2 rows of steel bristles.






Product code	EAN 731151+			
783	8276034	1	230	90

782-U Brush

General purpose utility wire brush for cleaning off dirt, rust, paint etc. With wooden handle and 4 rows of steel bristles.






Product code	EAN 731151+			
782-U	8276447	1	290	120

52 Brush

Wire brush for easy cleaning of spark plug gauges. With wooden handle and fine brass wire bristles.






Product code	EAN 731151+			
52	8276027	1	150	16

3625PU Dead blow

Dead blow hammer. Soft grip handle with ribbed, textured grip that prevents hand slippage. Composite handle shank improves balance while defusing shock and dampening vibration. Hammer material is non-sparking and resistant to most shop chemicals.



Product code	EAN 731151+			
3625PU-30	8276119	12	450	550
3625PU-50	8276126	6	900	1050
3625PU-60	8276133	6	1500	1700

479 Ball pein hammer

Ball pein hammer for use on cold chisels, punches, rivets and shaping metal but can also be used as a general purpose hammer. Handle of first class genuine hickory. Straight grained, without knots.



Product code	EAN 731151+		A mm	B mm	C mm		
479-08	8025441	4	80	305	22	230	290
479-12	8025458	4	93	330	27	340	448
479-16	8025465	4	101	330	30	450	554
479-24	8025472	4	115	390	38	800	960
479-32	8025489	4	128	390	42	900	1050

481 German DIN hammer

German DIN Locksmith's hammer for use on metal. Handle of first class genuine ash, straight grained, without knots. DIN 1041. GS certification.



Product code	EAN 731151+		A mm	B mm	C mm		
481-100	8005030	4	82	260	15	100	160
481-200	8005047	4	95	260	19	200	260
481-300	8005054	4	105	300	23	300	420
481-400	8005061	4	112	300	25	400	520
481-500	8005078	4	118	300	27	500	620
481-800	8025540	4	130	350	29	800	980
481-1000	8005092	4	135	350	36	1000	1180
481-1500	8025533	2	145	385	42	1500	1700

3625N SUPERFLEX plastic hammer

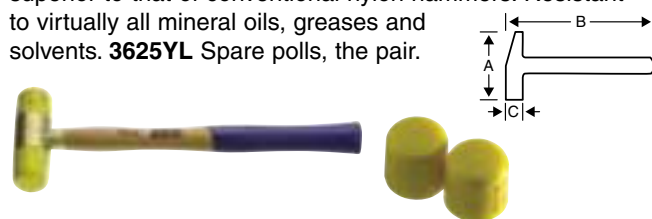
For ordinary workshop use on pressure-sensitive materials. Blue plastic polls made of cellulose butyrate (Cellidor registered trade mark of Bayer AG), centre piece made of malleable cast iron. Wooden handle. A hammer that replaces all similar hammers of copper, lead, brass, rubber or wood. High impact strength. Resistant to low-octane fuels, oil and grease. With two cambered faces. **3625NL** Spare polls with cambered face, the pair.



Product code	EAN 731415+		A mm	B mm	C mm	
3625N-22	1073602	5	80	260	22	154
3625N-27	1073626	5	90	280	27	230
3625N-32	1073640	5	100	300	32	325
3625N-35	1073664	5	106	320	35	415
3625N-40	1073688	5	112	340	40	570
3625N-50	1073701	1	120	360	50	920
3625N-60	1073718	1	125	380	60	1280
3625NL-22	1073831	1			22	16
3625NL-27	1073848	1			27	28
3625NL-32	1073855	1			32	47
3625NL-35	1073862	1			35	59
3625NL-40	1073879	1			40	82
3625NL-50	1073886	1			50	144
3625NL-60	1073893	1			60	21

3625Y POLYFLEX plastic hammer

For heavy-duty work in assembly, dismantling and shaping of plates, etc. Yellow plastic polls made of polyurethane elastomer (Desmopan registered trade mark of Bayer AG), centre piece made of malleable cast iron. Wooden handle. Extremely wear resistant with high break and tear resistance. No splintering on sharp edges. Hard finish, superior to that of conventional nylon hammers. Resistant to virtually all mineral oils, greases and solvents. **3625YL** Spare polls, the pair.



Product code	EAN 731415+		A mm	B mm	C mm	
3625Y-22	1074074	1	80	260	22	153
3625Y-27	1074081	1	90	280	27	235
3625Y-32	1074098	1	100	300	32	333
3625Y-35	1074104	1	106	320	35	425
3625Y-40	1074111	1	112	340	40	560
3625Y-50	1074128	1	120	360	50	885
3625Y-60	1074135	1	125	380	60	1285
3625YL-22	1074159	1			22	16
3625YL-27	1074166	1			27	28
3625YL-32	1074173	1			32	47
3625YL-35	1074180	1			35	59
3625YL-40	1074197	1			40	82
3625YL-50	1074203	1			50	144
3625YL-60	1074210	1			60	210

Tool storage that keep everything in perfect order.






The Bahco range of tool sets is made to satisfy the needs of the professional user, in all respects. With complete assortments, from well-arranged tool boxes to mobile and stationary tool cabinets for highly demanding engineering purposes, they cover the sophisticated needs of the aeronautics industry.

3140N/3141N/3149 Garage tool boxes

Finish: Red hammertone baked enamel.
Material: TOOL STEEL. Cantilever toolbox with easy access to all tool compartments.
 Dimensions of box mm:
 Length x Depth x Height.
No. 3140N 3 compartments.
No. 3141N 5 compartments.
No. 3149 5 compartments.






Product code	EAN 731415+			
3140N	1070892	1	470 x 200 x 150	4500
3141N	1070908	1	470 x 200 x 200	6400
3149	1070922	1	530 x 200 x 200	6800

3126N/3128N Mechanic's tool boxes

Finish: Red hammertone baked enamel.
 Dimensions of box mm: Length x Depth x Height.
3126N with three drawers, one tray and carrying handle.
3126N-LH with three drawer and three carrying handles.
3128N with two drawers.






Product code	EAN 731415+			
3126N	1831684	1	520 x 300 x 215	9000
3126N-LH	1847302	1	520 x 300 x 215	11800
3128N	1831691	1	470 x 240 x 215	6100

A3362L/A3364L Tool box with portable tray and carrying handle

On precision slide rails with fully extractable drawers, easy non-jamming drawer slide. Automatic safety locking of all drawers when closing top cover. Cylinder lock. Ideal as top box for roll cabinets: 3349L and 3395L.
Finish: Baked enamel box. **Base:** Red. **Drawers:** Anthracite.
Material: TOOL STEEL.
A3362L 1 small drawer, separately lockable, 2 medium sized drawers, 5 large drawers.
A3364L 1 small drawer, separately lockable, 2 medium sized drawers, 3 large drawers.
Dimensions of box mm:
 Height x Width x Depth.






Product code	EAN 731415+			
A3362L	1804978	1	500 x 660 x 305	30000
A3364L	1804992	1	390 x 660 x 305	24500

1433C-SP Tool cabinets

Finish: Powder coated black/grey cabinet, orange gloss doors, perforated rear walls, side walls and doors. 1 tray. 19 piece assortment of plastic tool holders for personalised storage of tools.






Product code	EAN 731415+			
1433C-SP	1843656	1	830 x 665 x 385	19000

1422SL5-SP Workshop roll cabinets

Finish: Powder coated black/grey cabinet with orange gloss. Construction of tool steel without distortion. With 4 bi-directional and 1 single direction opening drawers on ball bearing runners. Perforated side panels. Central lock for safety locking of cabinet. Top with rubber cover, for use as working area. Drawer pulling stops at centre and sides. Steel roll-top shutter with supplementary lock. Tool stock box with reinforced bottom. Reinforced and enlarged rear axle with larger rubber wheels. Rubber protection for profiled rods (conforms to BG rules). Wheels with pivot foot brake (total stop). All wheels with axle protection cap.
Loading capacity: 300 kg/660 lb.






Product code	EAN 731415+			
1422SL5-SP	1843601	2	955 x 665 x 385	45500

1422SL7-SP Workshop roll cabinets

Finish: Powder coated black/grey cabinet orange gloss drawers. This tool trolley allows easy access to all of your tools, with 7 sliding drawers of functional design, mounted on ball bearing runners. Drawer-out safety stop. Perforated side panels. A compact and safe cabinet. With its reinforced rear axle, drawer stops and reinforced back this is a stable and resistant cabinet for maximum performance. The large wheels give easy manoeuvrability. Two pivoting wheels one with brake, ensure the cabinet always comes to a safe and total stop. The cabinet is equipped with a central locking device. Practical details. The rubber protected top (conforms to BG rules) serves as a practical working area.
Loading capacity: 300 kg/660 lb.






Product code	EAN 731415+			
1422SL7-SP	1843618	2	955 x 665 x 385	41500

1423SL7-SP Workshop roll cabinets

Finish: Powder coated black/ grey with orange gloss drawers. Construction of tool steel without distortion, with 7 moving drawers on ball bearing runners. Central lock for safety locking of cabinet. Top with rubber cover, for use as working area. Drawers are fully extractable to one side and are interchangeable. Perforated panels on sides. Drawers with flexible dividers. Rubber protection for profiled rods (confirms to BG rules). Reinforced and enlarged rear axle with larger rubber wheels. Wheels with axle protection cap.
Loading capacity: 300 kg/660 lb.






Product code	EAN 731415+			
1423SL7-SP	1845803	1	955 x 665 x 385	54500

1445L-SP Mobile workbench

Finish: powder coated black/ grey, with orange gloss. Construction of tool steel without distortion. With 4 bi-directional opening drawers on ball bearing runners. Perforated side panels. Top with 30 mm MULTIPLEX cover top, for use as working area. Wheels with pivot foot brake (total stop). All wheels with axle protection cap. Overall length 1100 mm/3'7" with a loading capacity of 300 kg/660 lb.






Product code	EAN 731415+			
1445L-SP	1843687	1	980 x 1080 x 400	52500

1450L-SP Mobile workbench

Mobile workbench for repair jobs and maintenance work on machines etc.
Finish: Very sturdy construction in tool steel. Powder coated black and orange. Special MULTIPLEX cover top, 40 mm thick, 1100 x 660 mm.
Loading capacity: While in operation: 300 kg (660 lb), inoperative: 2000 kg (4400 lb). Four fully extractable telescopic drawers, (1 x 100 mm and 3 x 150 mm), allow access to the full drawer depth. Loads up to 50 kg (110 lb). Scratch-proof galvanised steel drawers with various sectionalised inlay trays. Inside of door with grid for attaching tool holders. The patent lifting mechanism for the wheel gear, that can be lowered, is also a handle for guiding. Perforated righthand side wall 3-position height adjustment for the shelves in the righthand compartment. Drum with 10 m cable, four side mounted. Schuko plug sockets. Cylinder lock, simultaneous locking of the door and drawers. Easy to operate and move thanks to the rubber wheels. Great stability when resting on four legs, after wheels have been retracted and cabinet has come to a standstill. Wheels do not protrude outside frame.






Product code	EAN 731415+			
1450L-SP	1847128	1	830 x 1100 x 660	118000

1450L-VL Vario Lift

Restructable tool panel with perforations for tool mounting. Fixed to the back of the workbench 1450L and 1450L-SP it provides perfect working convenience and safety. Easy to operate due to the two gas pressure springs.
Finish: Powder coated black/grey. Construction of sturdy sheet steel.
Dimensions (mm): Retracted/ Extended x Width x Depth x Extension height.
Loading capacity: 12 kg/26 lb.






Product code	EAN 731415+			
1450L-VL	1847289	1	710/1210 x 1000 x 150 x 500	28500

3381 Mobile unit for heavy tools and important equipment

For maximum sorting capacity combined with comfort and efficiency. 15 drawers, of which one large for stocking purposes. For heavy tools and important equipment. Regardless of load, slide rails will always remain firmly in place. Special MULTIPLEX cover top, resistant to wear.






Product code	EAN 731415+			
3381	1828264	1	1050 x 1040 x 455	98000

3395L Workshop roll cabinets

Finish: Baked enamel.
Cabinet: Red. Drawers/ bottom: anthracite. With central safety lock and drawer pulling stop. Drawers on precision slide rails, fully extractable. Reinforced back wall and solid wheels for extreme load. Top with rubber cover to be used as working area. Collapsible side element with rubber cover as additional storage surface as well as working area. 8 drawers.
Loading capacity: 300 kg.
Dimensions mm: Height x Width x Depth.



Product code	EAN 731415+			
3395L	1810023	1	1025 x 680 x 460	68000





www.bahco.com

