

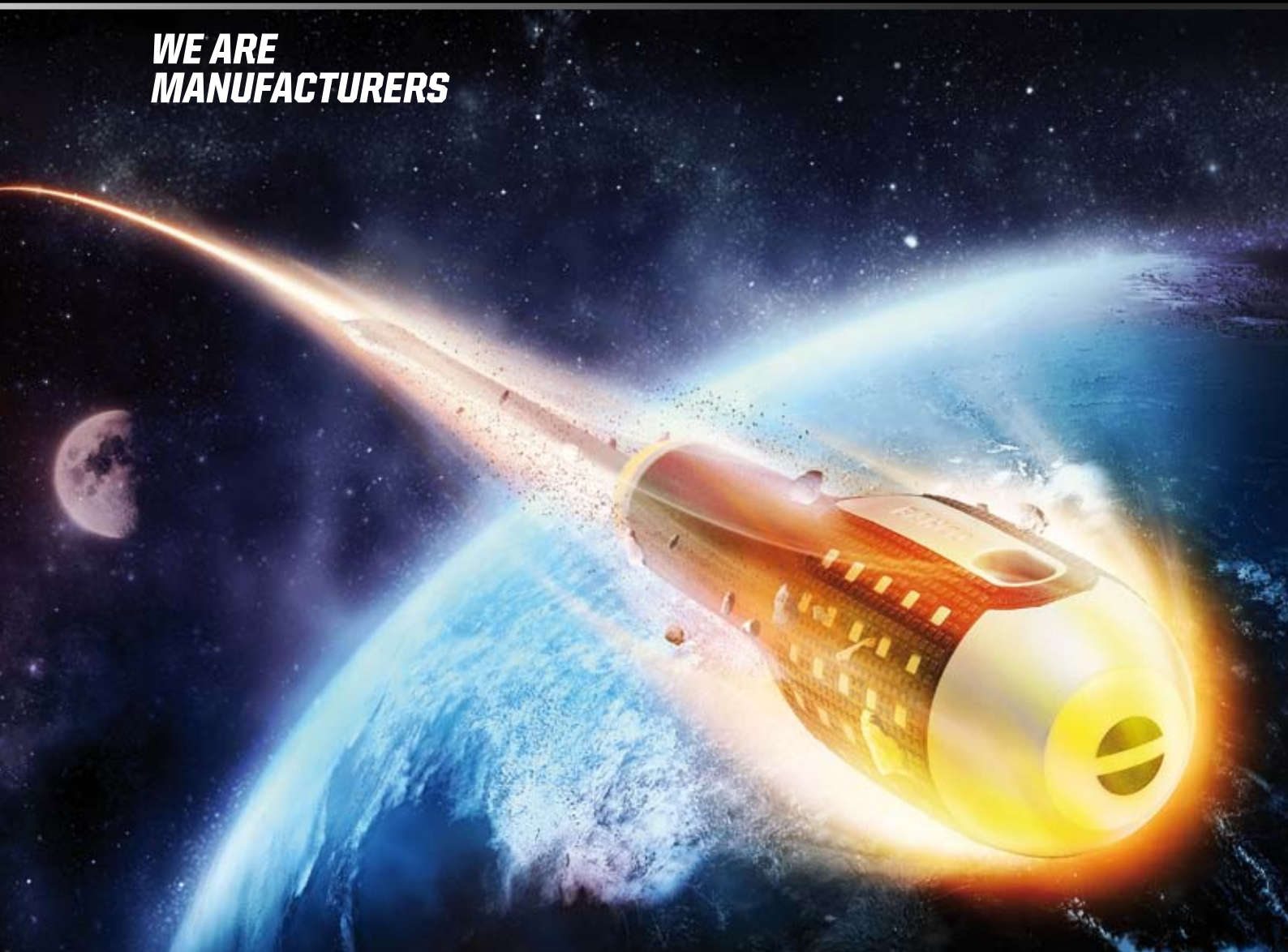


ergo®



www.bahco.com

**WE ARE
MANUFACTURERS**



ERGO™ Series

**THE BEST SCREWDRIVER
IN THE WORLD**

The Bahco ERGO™ Process

If hand tools are to be ergonomic, they must be suitable to the task, the user and the environment. That is why all three of these factors are crucial when creating an ERGO™ product. Ergonomic tools are designed to fit the human hand, minimising grip-strength demands and allowing muscles to relax periodically, reducing the risk of static muscle fatigue. whenever an ERGO™ tool is being developed, sustainable efficiency and effectiveness are considered, as well as reliability and durability in challenging environments.

We work hard to deliver the best possible tools to every user, and over the years we have continuously developed, improved and fine-tuned the way we do this, which resulted in the Bahco Ergo™ Process. This is a comprehensive three-phase process (each phase including several steps), which ensures the validity of ERGO™ tools. The Bahco ERGO™ Process is unique for Bahco and scientifically performed with the help of Industrial Designers and Ergonomists. The Bahco ERGO™ Process is in accordance with ISO 9241.



Excellent Swedish Design awards: The Svensk Form/ Swedish Society of Crafts and Design verifies and spreads knowledge about good, self-assured Swedish design.



Reddot Award: With a history spanning more than 50 years, the “red dot award: product design” is one of the most important international product competitions.



Japanese Good Design Award: Since 1957, the Good Design Award has been given to outstanding designs for more than 50 years.

BAHCO ERGO™ PRODUCTS ARE CONTINUALLY AWARDED WITH THE MOST PRESTIGIOUS DESIGN AWARDS

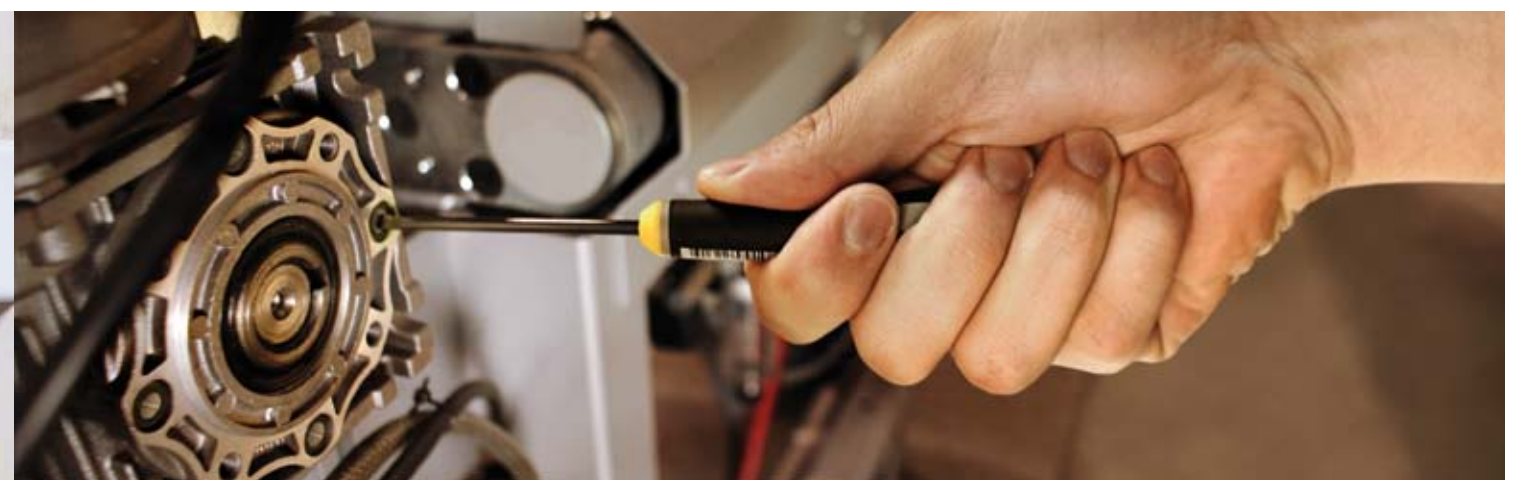
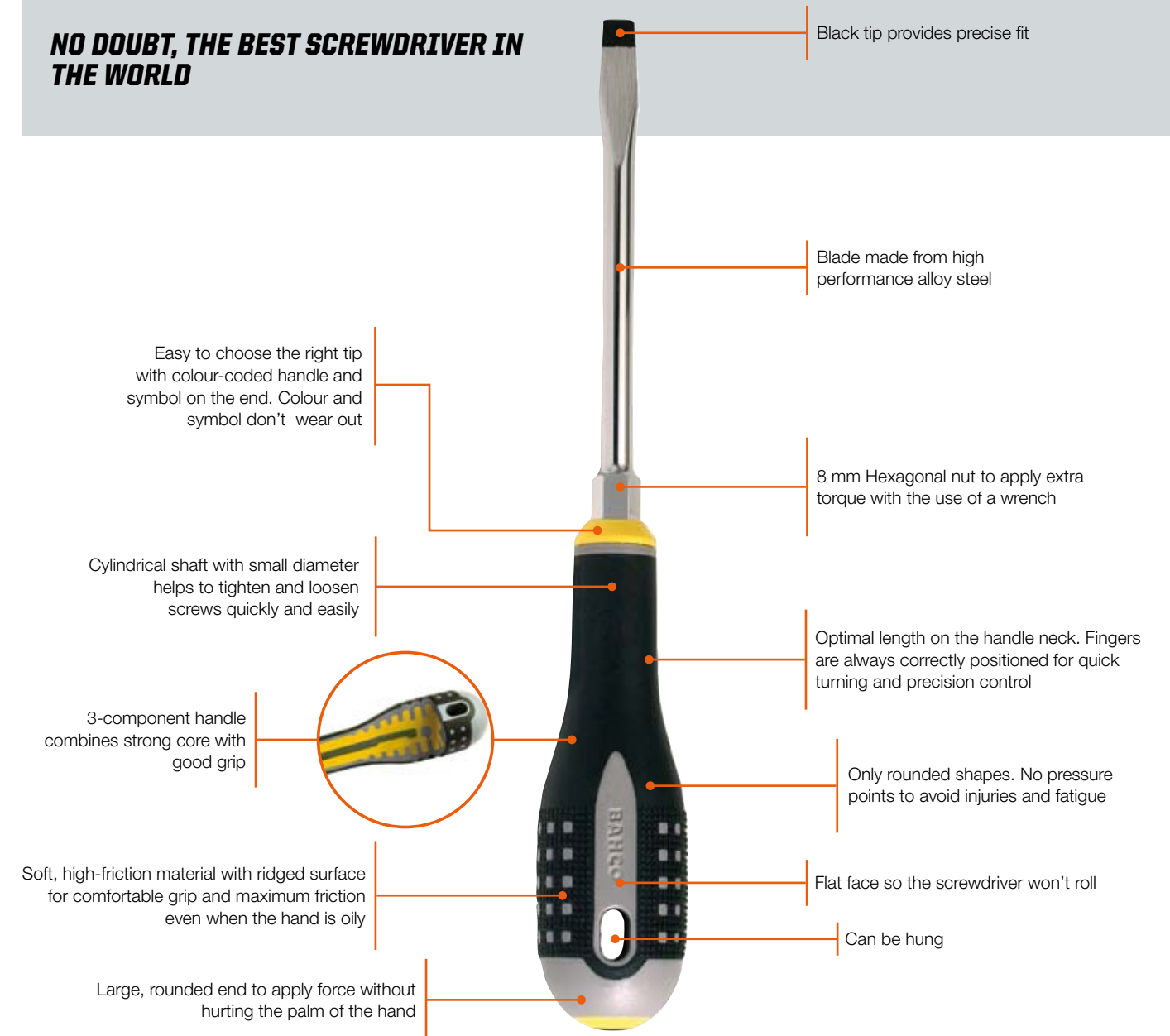


More than just aesthetically pleasing

The ERGO™ Screwdriver has been developed through our three phase Bahco ERGO™ Process. This program takes account of facts and experiences from users, ergonomists, industrial designers, and R&D departments, as well as extensive testing and trials. It is easier

to use, more comfortable to hold and significantly more functional. It reduces muscle tension and risk of accidents and injuries, while increasing job satisfaction, productivity and profitability.

NO DOUBT, THE BEST SCREWDRIVER IN THE WORLD



Choosing the right tip

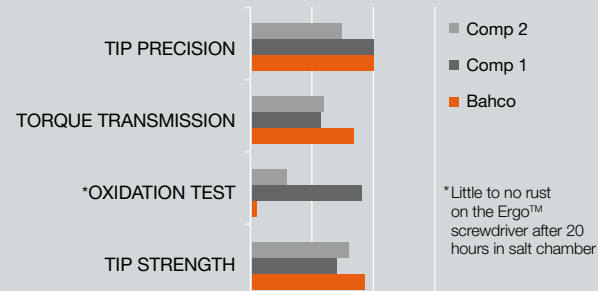
THE BEST PERFORMING SCREWDRIVER IN THE WORLD

Tip Precision: A better tip precision increases the lifetime of the screwdriver and avoids damage on a workpiece.

Torque Transmission: The better a screwdriver transmit the torque the less force is needed to do the job.

Oxidation test: Less oxidation improves the lifetime and performance of the screwdriver.

Tip Strength: A strong tip will secure the tip precision throughout its lifetime.



Hole for easy storage on tool wall



Thermo printed marking of tip size



Ridged surface for a comfortable grip and maximum friction



Heavy Duty blade made of high performance alloy steel



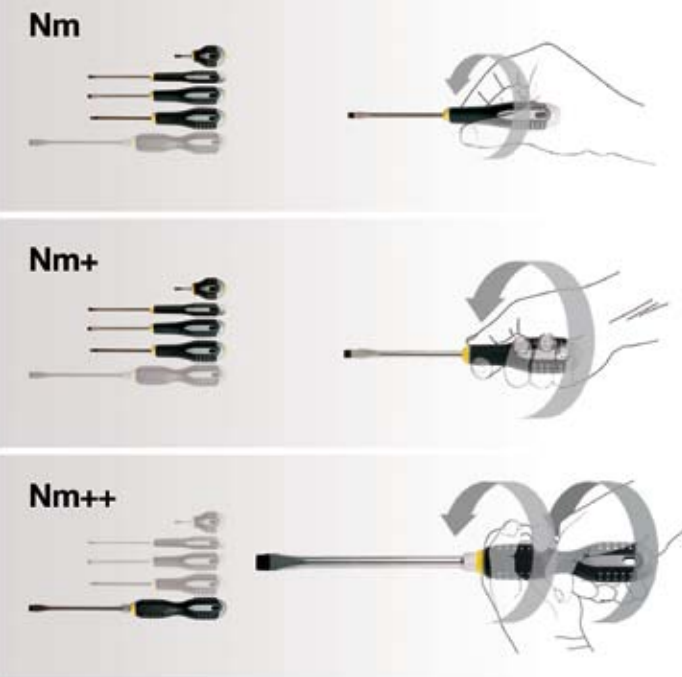
Black finish for precise fit



3-component handle



Hexagonal nut for use in combination with wrench



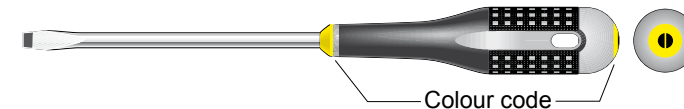
Choosing the right colour code

CONTINUOUSLY UPDATING THE RANGE ACCORDING TO THE NEWEST MARKET APPLICATIONS

Bahco continuously works with end users and experts in the market. Being close to the most demanding end users, Bahco anticipates on changes in applications used in all industries. To keep delivering the best solutions, Bahco is continuously developing the screwdriver assortment to fit the latest request and market applications.



EASY TO FIND THE RIGHT TIP IN YOUR TOOL CASE WITH THE DOUBLE COLOUR CODE WHICH DOESN'T WEAR OUT



Colour code



Insulated combi screwdrivers

IEC 60900 1000V VDE GS

Some tasks demand speciality tools. That is why we have specially made combi screwdrivers for use in terminal blocks, control cabinets, switches, relays, or similar.

In order to differentiate the combis from other ERGO™ insulated screwdrivers, the colour used for the insulating material is orange.



Insulated combi screwdriver for slotted and Phillips head screws.



Insulated combi screwdriver for slotted and Pozidriv head screws.

ERGO™ Screwdrivers

SLOTTED straight



	731415		mm	mm	mm	mm	mm	mm	g
BE-8002	0242825	5	0.3	2.0	60	20x122	182	30	
BE-8010	0010615	5	0.4	2.5	60	20x122	182	31	
BE-8210	1838584	5	0.4	2.5	75	20x122	197	33	
BE-8020	0010639	5	0.5	3.0	60	20x122	182	30	
BE-8020L	1838591	5	0.5	3.0	75	20x122	197	33	
BE-8022	0242474	5	0.5	3.0	100	20x122	222	34	
BE-8220	0047741	5	0.5	3.0	125	20x122	247	36	
BE-8225	0242443	5	0.5	3.0	200	20x122	322	45	
BE-8030	0010653	5	0.6	3.5	75	20x122	197	34	
BE-8235	0242450	5	0.6	3.5	200	20x122	322	45	
BE-8230	0047758	5	0.6	3.5	125	20x122	247	37	
BE-8040	0010677	5	0.8	4.0	100	20x122	222	39	
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-8241	0242467	5	1.0	5.5	125	27x122	247	44	
BE-8251	0242481	5	1.0	6.0	150	36x122	272	47	

SLOTTED with hexagon profile



	731415		mm	mm	mm	mm	mm	mm	g
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	1.6	8	125	36x122	247	14	162
BE-8260	0047796	5	1.6	8	175	36x122	297	14	179
BE-8865	0010851	5	1.6	8	175	36x165	336	14	209
BE-8870	0010875	5	1.6	10	175	36x165	336	18	210
BE-8880	0010899	5	2.0	12	200	36x165	361	18	291
BE-8890	0010905	5	2.5	14	200	36x165	361	18	293

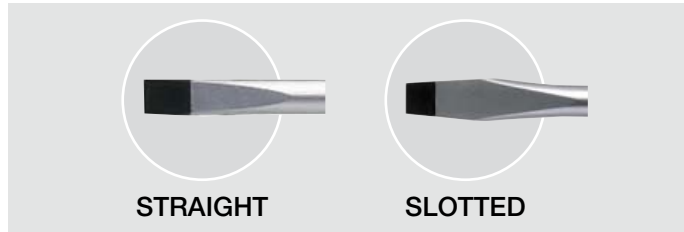
PHILLIPS



	731415		mm	mm	mm	mm	mm	mm	g
BE-8600	0010769	5	PH 0	60	20x122	182	30		
BE-8605	242498	5	PH 0	100	20x122	222	80		
BE-8608	242504	5	PH 0	200	20x122	322	180		
BE-8622	242511	5	PH 2	150	36x122	272	156		
BE-8610	0010776	5	PH 1	75	27x122	197	62		
BE-8611	8292317	5	PH 1	75	20x122	197	62		
BE-8610L	1838683	5	PH 1	200	27x122	322	81		
BE-8620	0010783	5	PH 2	100	36x122	222	106		
BE-8621	8292324	5	PH 2	100	27x122	222	106		
BE-8620L	1838690	5	PH 2	200	36x122	322	127		
BE-8623	3010872	5	PH 3	150	36x122	272	150		
BE-8624	3010889	5	PH 4	200	36x165	361	225		

• New reference

WHAT IS THE DIFFERENCE BETWEEN FLAT AND STRAIGHT?



SLOTTED



	731415		mm	mm	mm	mm	mm	mm	g
BE-8150	0010707	5	1.0	5.5	100	27x122	222	66	
BE-8155	0010721	5	1.2	6.5	125	36x122	247	112	
BE-8250	0047772	5	1.0	5.5	150	27x122	272	73	
BE-8255	0047789	5	1.2	6.5	150	36x122	272	116	
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	

SLOTTED stubby



	731415		mm	mm	mm	mm	mm	mm	g
BE-8330	1838614	5	0.6	3.5	25	36x58	83	37	
BE-8340	1838621	5	0.8	4.0	25	36x58	83	38	
BE-8350	1838638	5	1.0	5.5	25	36x58	83	40	
BE-8450	1838645	5	1.0	5.5	45	36x58	103	44	
BE-8355	1838652	5	1.2	6.5	25	36x58	83	43	
BE-8455	1838669	5	1.2	6.5	45	36x58	103	48	
BE-8360	1838676	5	1.2	8.0	25	36x58	83	44	

PHILLIPS with hexagon profile



	731415		mm	mm	mm	mm	mm	mm	g
BE-8628	3010896	5	PH 1	100	27x122	222	9	72	
BE-8629	3010902	5	PH 2	125	36x122	247	11	122	
BE-8630	0010790	5	PH 3	150	36x122	272	14	173	
BE-8640	0010806	5	PH 4	200	36x165	361	18	292	

PHILLIPS stubby



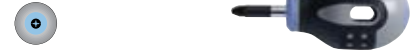
	731415		mm	mm	mm	mm	mm	mm	g
BE-8601	1838706	5	PH 1	25	36x58	83	40		
BE-8602	1838713	5	PH 2	25	36x58	83	43		

POZIDRIV



	731415		mm	mm	mm	mm	mm	mm	g
BE-8800	0042012	5	PZ 0	60	20x122	182	30		
BE-8810	0010813	5	PZ 1	75	27x122	197	62		
BE-8811	8292331	5	PZ 1	75	20x122	197	62		
BE-8810L	1838720	5	PZ 1	200	27x122	322	81		
BE-8820	0010820	5	PZ 2	100	36x122	222	106		
BE-8821	8292348	5	PZ 2	100	27x122	222	106		
BE-8820L	1838737	5	PZ 2	200	36x122	322	127		
BE-8823	3010919	5	PZ 3	150	36x122	272	150		
BE-8824	3010926	5	PZ 4	200	36x165	361	224		

POZIDRIV



	731415		mm	mm	mm	mm	mm	mm	g
BE-8801	1838744	5	PZ 1	25	36x58	83	40		
BE-8802	1838751	5	PZ 2	25	36x58	83	43		

TORX® tamper



	731415		mm	mm	mm	mm	mm	mm	g
BE-7907	3010964	5	TR 7	1.97	75	20x122	197	31	
BE-7908	3010971	5	TR 8	2.30	75	20x122	197	31	
BE-7909	3010988	5	TR 9	2.48	75	20x122	197	31	
BE-7910	1838799	5	TR 10	2.72	75	20x122	197	31	
BE-7915	1838805	5	TR 15	3.26	100	27x122	222	57	
BE-7920	1838812	5	TR 20	3.84	100	27x122	222	57	
BE-7925	1838829	5	TR 25	4.40	125	27x122	247	70	
BE-7927	1838836	5	TR 27	4.96	125	27x122	247	70	
BE-7930	1838843	5	TR 30	5.49	150	36x122	272	119	
BE-7940	1838850	5	TR 40	6.60	150	36x165	311	130	

TORQ-SET



	731415		mm	mm	mm	mm	mm	mm	g
BE-8080-1	3010995	5	1	75	27x122	195	58		
BE-8080-2	3011008	5	2	75	27x122	195	58		
BE-8080-3	3011015	5	3	75	27x122	195	58		
BE-8080-4	3011022	5	4	75	27x122	195	58		
BE-8080-5	3011039	5	5	75	27x122	195	58		
BE-8080-6	3011046	5	6	75	27x122	195	58		
BE-8080-8	3011053	5	8	100	27x122	220	75		
BE-8080-10	3011060	5	10	100	27x122	220	75		

POZIDRIV with hexagon profile



	 731415			 mm	 mm	 mm	 mm	 g
BE-8828	3010933	5	PZ 1	100	27x122	222	9	72
BE-8829	3010940	5	PZ 2	125	36x122	247	11	122
BE-8830	0010837	5	PZ 3	150	36x122	272	14	173
BE-8840	0010844	5	PZ 4	200	36x165	361	18	292

ERGO™ Screwdrivers

BIT HOLDER



	 731415		 "	 mm	 mm	 mm	 g
BE-8577	1839048	5	1/4	118	36x122	240	5.5

NUT DRIVER slim bore



	 731415		 mm	 mm	 mm	 mm	 g	
BE-6400M-4	3011145	5	4	5.9x23	100	20x122	220	36
BE-6400M-5	3011169	5	5	6.95x23	100	20x122	220	38
BE-6400M-5.5	3011176	5	5.5	7.65x23	100	20x122	220	38
BE-6400M-7	3011190	5	7	9.8x23	100	20x122	220	42

TORX® BALL



	 731415							
BE-7515	242528	5	T 15	3.26	100	27x122	222	57
BE-7520	242535	5	T 20	3.84	100	27x100	222	57
BE-7525	242542	5	T 25	4.40	125	27x122	247	70
BE-7527	242559	5	T 27	4.96	125	27x122	247	70
BE-7530	242566	5	T 30	5.49	150	36x122	272	119
BE-7540	242573	5	T 40	6.60	150	36x122	272	119

HEXAGONAL



	 731415		 mm	 mm	 mm	 mm	 g
● BE-6902	242641	5	2	100	20x122	222	32
● BE-6925	242658	5	2.5	100	20x122	222	32
● BE-6903	242665	5	3	100	20x122	222	35



NUT DRIVER flexible blade



	 731415		 mm	 mm	 mm	 mm	 g
BE-7606	1839017	5	6	150	27x122	272	126
BE-7607	1839024	5	7	150	27x122	272	126
BE-7608	1839031	5	8	150	27x122	272	126

NUT DRIVER long bore



	 731415		 mm	 mm	 mm	 mm	 mm	 g
BE-7803	1838867	5	3	40	125	20x122	247	52
BE-7835	1838874	5	3.5	40	125	20x122	247	54
BE-7804	1838881	5	4	50	125	20x122	247	57
BE-7845	1838898	5	4.5	50	125	20x122	247	58
BE-7805	1838904	5	5	50	125	20x122	247	60
BE-7855	1838911	5	5.5	50	125	20x122	247	62
BE-7806	1838928	5	6	50	125	20x122	247	64
BE-7807	1838935	5	7	50	125	27x122	247	100
BE-7808	1838942	5	8	50	125	27x122	247	104
BE-7809	1838959	5	9	50	125	36x122	247	136
BE-7810	1838966	5	10	50	125	36x122	247	140
BE-7811	1838973	5	11	50	125	36x122	247	169
BE-7812	1838980	5	12	50	125	36x122	247	184
BE-7813	1838997	5	13	50	125	36x165	286	215
BE-7814	1839000	5	14	50	125	36x165	286	230

TORX® PLUS



	 731415			 D	 mm	 mm	 mm	 g
BE-7715	242580	5	T 15	3.26	100	27x122	222	57
BE-7720	242597	5	T 20	3.84	100	27x122	222	57
BE-7725	242603	5	T 25	4.40	125	27x122	247	70
BE-7727	242610	5	T 27	4.96	125	27x122	247	70
BE-7730	242627	5	T 30	5.49	150	36x122	272	119
BE-7740	242634	5	T 40	6.60	150	36x122	272	119

TRI WING



	 731415			 mm	 mm	 mm	 g
BE-9100	242757	5	0	80	20x122	202	34
BE-9101	242764	5	1	80	20x122	202	34
BE-9102	242771	5	2	80	27x122	202	62
BE-9103	242788	5	3	80	27x202	202	62
BE-9104	242795	5	4	100	27x122	222	75
BE-9105	242801	5	5	100	27x122	222	75

● New reference

ERGO™ Screwdriver Sets



NEW!

The ERGO™ screwdriver sets have a new packaging design!

SET 6 pcs



BE-9871	7314150234707	1	450
BE-8220S	0.5x3x100 insulated		
BE-8611, BE-8620	PH1x75, PH2x100		
BE-8820	PZ2x100		
BE-8920, BE-8925	T20x100, T25x125		

SET 6 pcs



BE-9881	0043279	1	450
BE-8020, BE-8040	0.5x3x60, 0.8x4x100		
BE-8150, BE-8155	1.0x5.5x100, 1.2x6.5x125		
BE-8610, BE-8620	PH1x75, PH2x100		

SET 6 pcs



BE-9884	0243068	1	450
BE-8040, BE-8241	0.8x4x100, 1.0x5.5x125 mm		
BE-8611, BE-8621	PH1x75, PH2x100		
BE-8811, BE-8821	PZ1x75, PZ2x100		

SET 5 pcs



BE-9885	0048465	1	355
BE-8910, BE-8930	T10, T15, T20, T25, T30		

SET 7 pcs



BE-9873	7314150235742	1	530
BE-8030, BE-8150	0.6x3.5x75 mm, 1x5.5x100 mm		
BE-8220S	0.5x3x100 insulated		
BE-8811, BE-8821	PZ1x75, PZ2x100		
BE-8910, BE-8920	T10x75, T20x100		

SET 6 pcs



BE-9882	1839284	1	450
BE-8020, BE-8040	0.5x3x60, 0.8x4x100		
BE-8150, BE-8155	1.0x5.5x100, 1.2x6.5x125		
BE-8810, BE-8820	PZ1x75, PZ2x100		

SET 6 pcs



BE-9886	0048472	1	430
BE-8030	0.6x3.5x75 mm		
BE-8150	1x5.5x100 mm		
BE-8610, BE-8620	PH1x75, PH2x100		
BE-8810, BE-8820	PZ1x75, PZ2x100		

SET 5 pcs

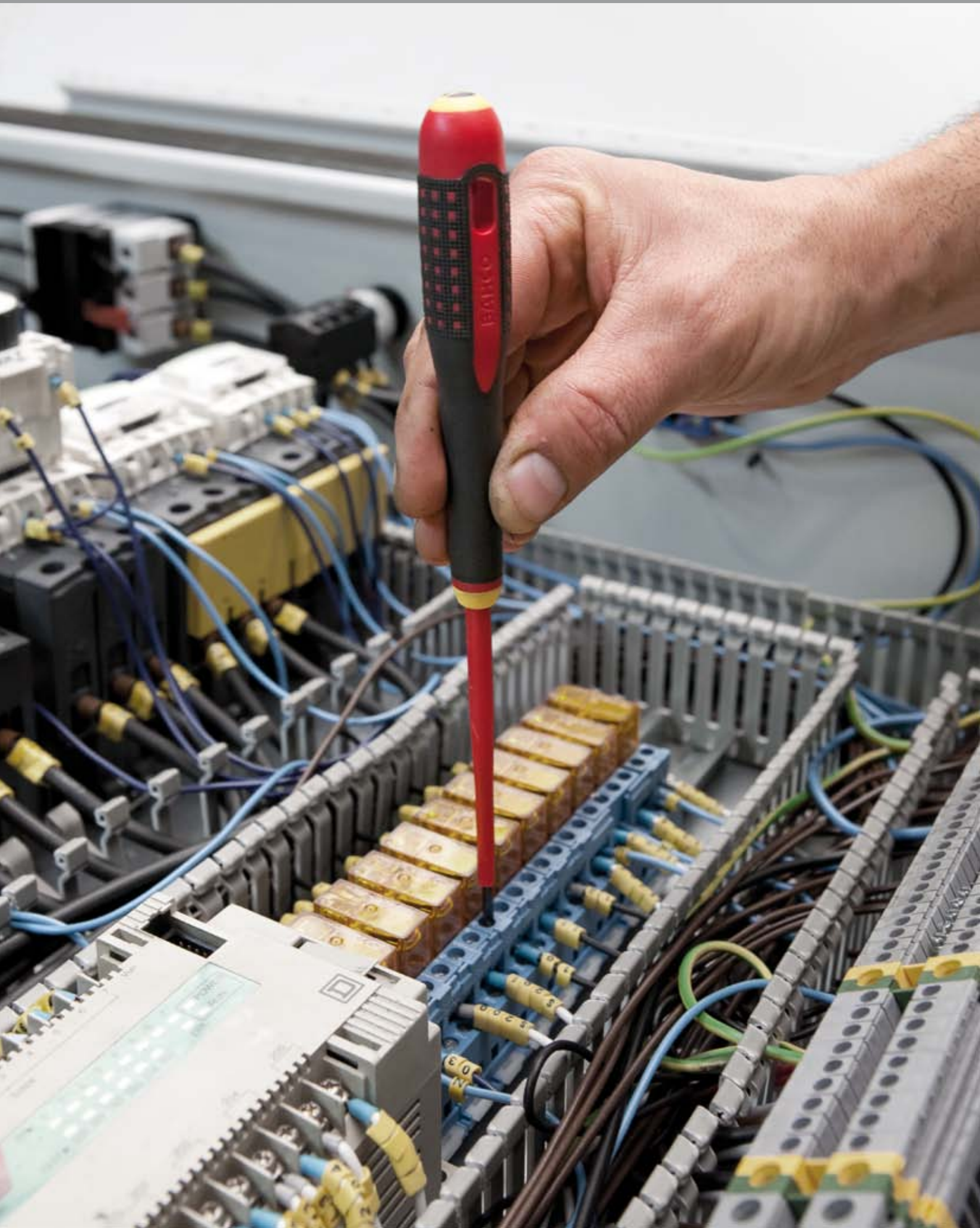


BE-9893	0243075	1	355
BE-7910, BE-7915, BE-7920, BE-7925, BE-7930	TR10x75, TR15x100, TR20x100, TR25x125, TR30x150		

● New reference

Insulated ERGO™ Screwdriver

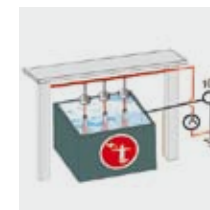
Routine tests in accordance to IEC609000 specification



For work on live equipment up to 1000 volts, Bahco offers a wide range of insulated safety tools. All Bahco insulated tools are manufactured according to the International Standard IEC60900 for working with live systems up to 1000 V AC and 1500 V DC.

They follow strict quality controls and all tools are subjected to the most stringent, individual tests.

We recommend following the safety instructions very closely when working with any live systems.



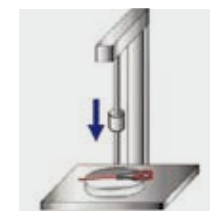
Dielectric test

The tools are immersed in water for 24 hours. A voltage of 10kV is then continuously applied for 3 minutes. The test is considered successful if no electrical puncture, spark over, or flashover occurs during the test period. Leakage limits must not be exceeded.



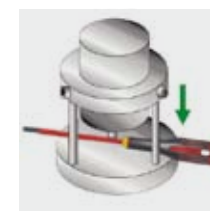
Permanent marking durability

The markings are rubbed for 15 seconds with a rag soaked in water, and then for 15 seconds with a rag soaked in isopropanol. The test is passed if, after this process, the markings are still legible.



Impact test

The tools are cooled to -25° C for 2 hours. Then, a special hammer is used with some force on the insulating layer. The test is considered successful if the insulating material shows no breaks and passes the dielectric test.



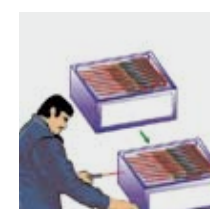
Penetration test

The insulated surfaces of the tools are pressed with a special device. A voltage of 5000 V is then applied to the tool for 3 minutes. The test is considered successful if no electrical puncture, spark-over, or flash-over occurs during the test period.



Insulation adhesion test

The tools are stored at a temperature of 70°C for 168 hours. Then, a force of 490 N is applied in the direction of the line dividing the insulating material from the conductive part for 3 minutes. During this test the insulation material must stay firmly attached to the tools.



Visual and dimensional

The tools, and in particular the insulation, are visually controlled and have to be free from external defects. The markings have to be perfectly legible and the dimensions have to be in accordance with the standard.



Flame test

When placed over a fire, where the height of the flames on the tools does not exceed 120 mm, if the insulation material does not melt or leak, then the test is passed.



ERGO™ Handle with Interchangeable Blades

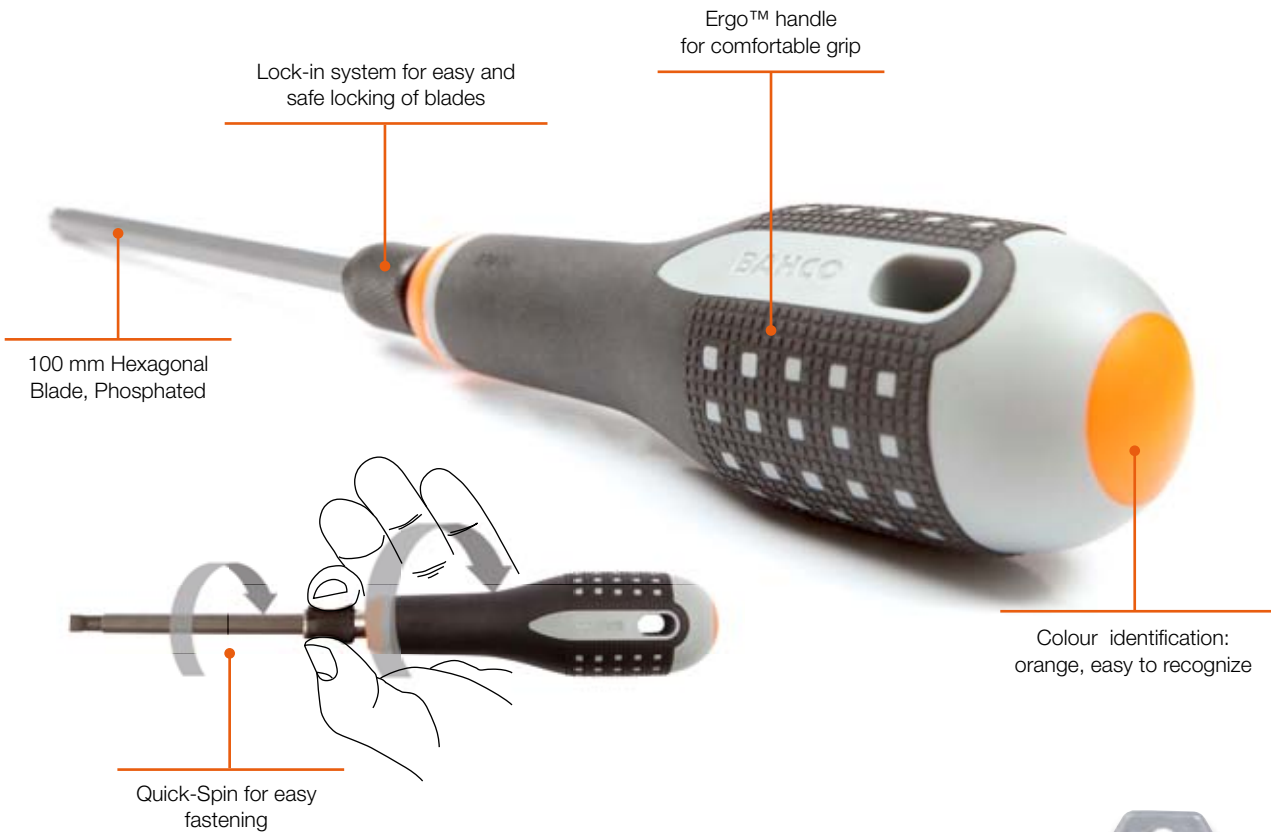
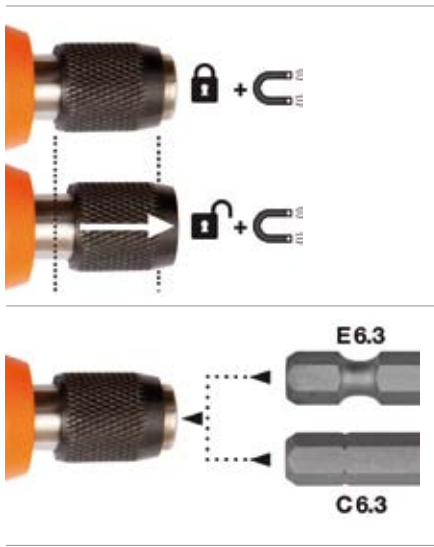
**NOT ONLY THE MOST COMFORTABLE SCREWDRIVER
BUT UNIVERSAL TOO!**

New to the Ergo™ assortment is the screwdriver with interchangeable blades, an Ergo™ handle combined with a quick release bit holder. The Ergo™ handle with interchangeable blades combines the comfort of an Ergo™ screwdriver with the flexibility of easy changing blades.



Spare blades & loose handle

Product code	Description	EAN	VE	Length (mm)
BE-8575	ERGO HANDLE WITH QUICK RELEASE	7314150244638	1	
100 mm BLADES				
8020-2P	2 HEX BLADES 1/4" 0,5x 3,0	7314150246601	2	100
8030-2P	2 HEX BLADES 1/4" 0,6x 3,5	7314150246618	2	100
8040-2P	2 HEX BLADES 1/4" 0,8x 4,0	7314150246625	2	100
8242-2P	2 HEX BLADES 1/4" 1 x 5,5	7314150243686	2	100
8252-2P	2 HEX BLADES 1/4" 1 ,2x 6,5	7314150243693	2	100
8600-2P	2 HEX BLADES 1/4" PH0	7314150246564	2	100
8610-2P	2 HEX BLADES 1/4" PH1	7314150243648	2	100
8620-2P	2 HEX BLADES 1/4" PH2	7314150243662	2	100
8630-2P	2 HEX BLADES 1/4" PH3	7314150246571	2	100
8800-2P	2 HEX BLADES 1/4" PZ0	7314150246588	2	100
8810-2P	2 HEX BLADES 1/4" PZ1	7314150243655	2	100
8820-2P	2 HEX BLADES 1/4" PZ2	7314150243679	2	100
8830-2P	2 HEX BLADES 1/4" PZ3	7314150246595	2	100
8910-2P	2 HEX BLADES 1/4" TORX10	7314150243709	2	100
8915-2P	2 HEX BLADES 1/4" TORX15	7314150243716	2	100
8920-2P	2 HEX BLADES 1/4" TORX20	7314150243723	2	100
8925-2P	2 HEX BLADES 1/4" TORX25	7314150243730	2	100
8927-2P	2 HEX BLADES 1/4" TORX27	7314150243747	2	100
8930-2P	2 HEX BLADES 1/4" TORX30	7314150243754	2	100
8940-2P	2 HEX BLADES 1/4" TORX40	7314150243761	2	100
8703-2P	2 HEX BLADES 1/4" HEX BALL 3	7314150246632	2	100
8704-2P	2 HEX BLADES 1/4" HEX BALL 4	7314150246649	2	100
8705-2P	2 HEX BLADES 1/4" HEX BALL 5	7314150246656	2	100
8706-2P	2 HEX BLADES 1/4" HEX BALL 6	7314150246663	2	100
300 mm BLADES				
8040L-2P	2 HEX BLADES 1/4" SLOTTED 0.8x4	7314150246670	1	300
8242L-2P	2 HEX BLADES 1/4" SLOTTED 1.0x5.5	7314150246687	1	300
8252L-2P	2 HEX BLADES 1/4" SLOTTED 1,2x6,5	7314150246694	1	300
8610L-2P	2 HEX BLADES 1/4" PH1	7314150246700	1	300
8620L-2P	2 HEX BLADES 1/4" PH2	7314150246717	1	300
8810L-2P	2 HEX BLADES 1/4" PZ1	7314150246724	1	300
8820L-2P	2 HEX BLADES 1/4" PZ2	7314150246731	1	300



Ergo™ Handle with Interchangeable Blades

- Ergo handle with interchangeable blades
- 100 mm Hexagonal blades
- In a Nylon pouch or Foam inlay
- Available in 4 sets or as spare parts

Product code	Description	EAN	Content	VE
BE-8571	7 pcs set Ergo™ handle with interchangeable blades	7314150244652	PH1, PH2, PZ1, PZ2, 1x5.5, 1.2x6.5, handle	1
BE-8572	9 pcs set Ergo™ handle with interchangeable blades	7314150244669	PH1, PH2, PZ1, PZ2, T10, T15, 1x5.5, 1.2x6.5, handle	1
BE-8573	8 pcs set Ergo™ handle with interchangeable blades	7314150244676	T10, T15, T20, T25, T27, T30, T40, handle	1
BE-8576	22 pcs set Ergo™ handle with interchangeable blades	7314150245741	Blades (16 pcs): PH1, PH2, PH3, PZ1, PZ2, PZ3, T10, T15, T20, T25, T30, T40, 0.6x3.5, 0.8x4.0, 1.0x5.5, 1.2x6.5 Bits (6 pcs): H2.5, H3, H4, H5, H6, H8 handle	1





www.bahco.com

SNA Europe MRO-1112-ENG
Bahco is a registered trademark of SNA Europe Group