



Tools that
bring life
to your project

FOR THE WORKSHOP

SCREWDRIVERS

- Chrome-Molybdenum-Vanadium steel rod: very robust and resistant.
- Heat treatment and fully tempered shaft 59Hrc.
- Trilobular shape: unequal tightening torque intensity, geometry to match the natural movement of the hand allowing 120° rotation.
- Three-materials ergonomic handles with SOFT TOUCH for comfort during work.
- Geometry of the socket to guarantee optimal connection preventing the shaft from turning in the handle.

Uses:

- For jobs involving tightening and removing screws.

CABINET TIP



REF.	€	Impulse	g	A mm	B mm	C mm	L mm
66200-3x75	3,20	148367	6	31	75	3	0,5 160
66200-3x100	3,31	148169	6	32	100	3	0,5 185
66200-3.5x100	3,56	148534	6	35	100	3,5	0,6 185
66200-4x100	4,10	148695	6	38	100	4	0,8 185
66200-4x125	3,97	148848	6	41	125	4	0,8 210
66200-5.5x125	5,11	148893	6	77	125	5,5	1 210
66200-5.5x150	5,80	148947	6	83	150	5,5	1 250
66200-6.5x150	6,90	148992	6	98	150	6,5	1,2 260

For jobs involving tightening and removing screws.

STANDARD TIP



REF.	€	Impulse	g	A mm	B mm	C mm	L mm
66210-4x100	3,86	149319	6	38	100	4	0,8 185
66210-5.5x100	4,96	149364	6	70	100	5,5	1 200
66210-5.5x125	4,95	149425	6	74	125	5,5	1 225
66210-6.5x125	6,43	149470	6	86	125	6,5	1,2 235
66210-6.5x150	7,19	149531	6	91	150	6,5	1,2 260
66210-8x175	8,29	149647	6	142	175	8	1,2 295
66210-10x200	10,63	149692	6	175	200	10	1,6 320
66210-12x250	13,73	149753	6	225	250	12	2 370

For jobs involving tightening and removing screws.

PHILIPS TIP



REF.	€	Impulse	g	A mm	B mm	C mm	L mm
66220-PH0	3,80	149814	6	31	75	3	160
66220-PH1	4,70	149869	6	70	100	4,5	200
66220-PH2	5,77	149920	6	86	125	6	235
66220-PH3	9,18	149982	6	153	150	8	270

For jobs involving tightening and removing screws.

POZIDRIV TIP



REF.	€	Impulse	g	A mm	B mm	C mm	L mm
66230-PZ0	4,64	150261	6	31	75	3	160
66230-PZ1	5,10	150315	6	70	100	4,5	200
66230-PZ2	6,23	150391	6	87	125	6	235
66230-PZ3	9,58	150452	6	151	150	8	270

For jobs involving tightening and removing screws.

SCREWDRIVER KIT



6 SCREWDRIVER KIT-ELECTRICIAN 66291

REF.	€	Impulse	g	A mm	B mm	C mm
66291-ELEC	27,43	333060	1	470	165	312 42
66200-3x100-1		66200-4x125-1		66200-5.5x125-1		
66220-PH0-1		66220-PH1-1		66220-PH2-1		

6 SCREWDRIVER KIT-MECHANIC 66292

REF.	€	Impulse	g	A mm	B mm	C mm
66292-MEC	30,78	133170	1	535	165	312 42
66200-3x100-1		66200-4x125-1		66220-PH2-1		
66210-6.5x150-1		66220-PH1-1		66220-5.5x125-1		



6 PRECISION SCREWDRIVER KIT 6250J

REF.	€	Impulse	g	A mm	B mm	C mm
6250J	30,48	601428	4	240	250	120 30
6250-1.5x60-1		6250-2.5x75-1		6250-PH00-1		
6250-PH0-1		6250-T5-1		6250-T6-1		

For precision mechanical and electronic tasks.

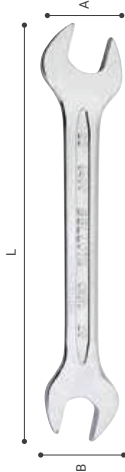
WRENCHES

- Manufactured with Chrome-Vanadium steel.
- Forged in one single piece, unbreakable.
- 3+ steel treatment for a longer tool life: doesn't break, warp or wear away.
- Total size and opening setting accuracy
- Torque strengths over 50% of the current standard.
- Wide openings, wide neck and greater head thickness for improved nut clamping.
- Complies with DIN standards

Uses:

- For varied torque and adjustment of nuts and bolts.

DOUBLE OPEN-END WRENCH



► DOUBLE OPEN-END WRENCH 6400

REF.	€ BAG 8 + 1000	mm B x L	g	A mm	B mm	L mm
6400-6x7	3,14	445558	6	25	158	175
6400-8x9	3,19	445619	6	35	19,4	21
6400-10x11	3,44	445671	6	50	23	25,1
6400-12x13	4,25	445749	6	70	27,5	30
6400-14x15	4,52	445800	6	95	30,4	32,3
6400-16x17	5,21	445862	6	120	33,4	35,9
6400-18x19	5,79	445930	6	170	38,7	40,4
6400-20x22	7,12	445992	6	210	43,6	48,2
6400-21x23	7,75	446081	6	250	46,3	49,6
6400-24x26	9,07	446173	6	300	52,7	56,8
6400-25x28	10,44	446210	6	380	54,5	59,5
6400-27x29	12,50	801231	6	460	60	62
6400-30x32	13,81	446296	6	480	61,5	65,4

DIN 3110 and DIN 475.



► 12 DOUBLE OPEN-END WRENCH KIT IN BAG 6400

REF.	€ BAG 12 + 1000	mm B x L	g
6400-8BS	41,51	018400	1 820
6400-6x7			Bag of 8 wrench
6400-12x13			6400-10x11
6400-18x19			6400-16x17
			6400-20x22

► 8 DOUBLE OPEN-END WRENCH KIT IN CLIP 6400

REF.	€ BAG 8 + 1000	mm B x L	g
6490-8	40,28	781175	1 840
6400-6x7			Bag of 8 wrench
6400-12x13			6400-10x11
6400-18x19			6400-16x17
6400-20x22			6400-21x23
6490-10	59,99	781212	1 1.400
6400-6x7			Bag of 10 wrench
6400-12x13			6400-10x11
6400-18x19			6400-16x17
6400-20x22			6400-21x23
6400-24x26			6400-30x32
6490-12	86,87	781250	1 2.240
6400-6x7			Bag of 12 wrench
6400-12x13			6400-10x11
6400-18x19			6400-16x17
6400-20x22			6400-21x23
6400-24x26			6400-30x32

COMBINATION WRENCH



► COMBINATION WRENCH 6410

REF.	€ BAG 8 + 1000	mm B x L	g	A mm	B mm
6410-6	4,29	446456	6	20	16
6410-7	4,29	446524	6	25	16,8
6410-8	4,42	446586	6	30	18,8
6410-9	5,30	446647	6	35	20,9
6410-10	5,37	446715	6	40	22,6
6410-11	5,85	446777	6	45	24
6410-12	6,17	446838	6	60	25,4
6410-13	6,36	446890	6	75	28,1
6410-14	6,67	446968	6	85	30,1
6410-15	6,85	447026	6	95	32,1
6410-16	7,37	447088	6	115	34,2
6410-17	7,87	447187	6	135	36
6410-18	8,28	447248	6	155	37,5
6410-19	9,34	447316	6	165	40,2
6410-20	9,57	447392	6	185	41,4
6410-21	10,82	447446	6	210	43,2
6410-22	11,19	447484	6	215	45,8

DIN 3113 and DIN 475.



► 8 COMBINATION WRENCH KIT IN CLIP 6401

REF.	€ BAG 8 + 1000	mm B x L	g
6491-8	63,21	781298	1 850
6410-8			Bag of 8 wrench
6410-13			6410-11
6410-19			6410-14
6410-22			6410-17
6491-12	88,83	781373	1 1.170
6410-8			Bag of 12 wrench
6410-11			6410-10
6410-12			6410-13
6410-14			6410-16
6410-15			6410-19
6410-17			6410-22

DOUBLE RING END WRENCH



► DOUBLE RING END WRENCH 6420

REF.	€ BAG 8 + 1000	mm B x L	g	A mm	B mm	L mm
6420-6x7	6,98	447958	6	55	10,5	11,4
6420-8x9	7,63	447996	6	70	13,2	14,5
6420-10x11	8,16	448030	6	90	16,8	17,9
6420-12x13	8,68	448078	6	115	19,5	20,6
6420-14x15	9,34	448115	6	150	22,2	23
6420-16x17	11,26	448153	6	190	24,8	26
6420-18x19	12,93	448191	6	235	28,2	29,2
6420-20x22	14,87	448238	6	315	30,9	31,8
6420-21x23	16,76	448276	6	350	32	33,8
6420-24x26	20,74	448382	6	450	36,7	40,9

DIN 837 and DIN 475.



► DOUBLE RING END WRENCH KIT IN BAG 6402

REF.	€ BAG 8 + 1000	mm B x L	g
6492-8 BS	79,54	018622	1 1.290
6420-6x7			Bag of 8 wrench
6420-12x13			6420-10x11
6420-18x19			6420-16x17
6420-20x22			6420-21x23
6492-12 BS	170,18	018592	1 3.240
6420-6x7			Bag of 12 wrench
6420-8x9			6420-10x11
6420-12x13			6420-14x15
6420-18x19			6420-16x17
6420-20x22			6420-21x23
6420-24x26			6420-30x32

► 8 DOUBLE RING END WRENCH KIT IN CLIP 6402

REF.	€ BAG 8 + 1000	mm B x L	g
6492-8	79,54	781410	1 1.310
6420-6x7			Bag of 8 wrench
6420-12x13			6420-10x11
6420-18x19			6420-16x17
6420-20x22			6420-21x23



DOUBLE HEAD SOCKET WRENCH



REF.	€	MINIMUM 8 x 10 mm	g	A mm	B mm	L mm
6440-6x7	8,73	449266	6	45	10	11
6440-8x9	8,88	449310	6	58	13	14
6440-10x11	9,14	449358	6	86	15	16
6440-12x13	10,72	449396	6	145	18	19
6440-14x15	12,45	449433	6	140	20	22
6440-16x17	14,39	449471	6	200	23	24
6440-18x19	17,20	449518	6	240	25	26
6440-20x22	19,54	449556	6	300	28	30
6440-21x23	21,70	449594	6	340	29	31
6440-24x26	23,19	449693	6	400	33	35
6440-25x28	26,71	449730	6	500	34	37
6440-30x32	34,31	449815	6	710	40	42

DIN 899. It is possible to use with double open-end or adjustable wrench. Trough-bore in sizes over 10 x 11.



REF.	€	MINIMUM 8 x 10 mm	g
6441-6x7	6,01	641905	6
6441-8x9	6,57	618587	6
6441-10x11	6,86	618617	6
6441-12x13	8,04	618648	6
6441-14x15	8,23	641936	6
6441-16x17	9,02	641967	6
6441-17x19	10,57	641998	6
6441-21x23	12,72	642025	6

ADJUSTABLE WRENCH

- Manufactured in/with Chrome-Vanadium steel.
- Forged in one single piece, unbreakable.
- 3+ steel treatment for a longer tool life: doesn't break, warp or wear away.
- Total size and opening setting accuracy.
- Torque strengths over 30% of the current standard.
- Thin and longer openings to access difficult places.
- Perfectly straight, fully adjustable.
- Double T cross-section handle: robust, strong and ergonomic.
- Complies with UNE 16-532 standards.

Uses:

- For varied torque and adjustment of nuts and bolts.



ADJUSTABLE WRENCH 6460

REF.	€	MINIMUM 8 x 10 mm	g	A mm	B mm	L mm
6460-6	18,57	451504	6	153	20	193
6460-8	21,62	451542	6	254	25	24
6460-10	25,43	451580	6	447	30	289
6460-12	33,60	451627	6	713	36	36
6460-15	48,95	451665	1	1.305	45	46

SIDE NUT ADJUSTABLE WRENCH 6464

REF.	€	MINIMUM 8 x 10 mm	g	A mm	B mm	L mm
6464-6	26,04	114430	6	160	19	20
6464-8	27,97	114133	6	340	26	25
6464-10	33,46	114317	6	580	32	29
6464-12	44,30	114379	6	900	36	35
6464-16	64,95	576245	1	1.570	45	48

PATENTED UN 167063.

STILLSON WRENCH

- Manufactured with special Bellota steel.
- Minimum tooth hardness 55Hrc.
- Double T cross-section handle: robust, strong and ergonomic.
- Blue steel finishing of use and contact areas.
- Complies with GGG-W-00651d (GSA-FSS) standards type 2 class A.

Uses:

- To loosen or tighten large pieces.
- For plumbing work.



STILLSON WRENCH 6600

REF.	€	MINIMUM 8 x 10 mm	g	A mm	B mm	L mm
6600-8	19,37	967326	6	280	27	17
6600-10	22,78	967364	6	590	34	22
6600-12	25,23	967401	6	790	42	25
6600-14	31,42	967449	6	1.040	49	27
6600-18	38,64	967487	1	1.820	60	30
6600-24	63,81	967524	1	3.080	76	38
6600-36	118,42	967562	1	5.690	102	48

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6495

REF.	€	MINIMUM 8 x 10 mm	g
6495-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			



DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6494

REF.	€	MINIMUM 8 x 10 mm	g
6494-6 BS	72,97	029741	1
6440-6x7			
6440-12x13			
6494-8 BS	101,16	029765	1
6440-6x7			
6440-12x13			
6440-18x19			



DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6496

REF.	€	MINIMUM 8 x 10 mm	g
6496-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

REF.	€	MINIMUM 8 x 10 mm	g
6494-6 BS	72,97	029741	1
6440-6x7			
6440-12x13			
6494-8 BS	101,16	029765	1
6440-6x7			
6440-12x13			
6440-18x19			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6494

REF.	€	MINIMUM 8 x 10 mm	g
6494-6 BS	72,97	029741	1
6440-6x7			
6440-12x13			
6494-8 BS	101,16	029765	1
6440-6x7			
6440-12x13			
6440-18x19			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6496

REF.	€	MINIMUM 8 x 10 mm	g
6496-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6495

REF.	€	MINIMUM 8 x 10 mm	g
6495-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6496

REF.	€	MINIMUM 8 x 10 mm	g
6496-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6495

REF.	€	MINIMUM 8 x 10 mm	g
6495-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

DOUBLE HEAD SOCKET WRENCH KIT IN BAG 6496

REF.	€	MINIMUM 8 x 10 mm	g
6496-6 BS	51,86	618600	1
6441-6x7			
6441-8x9			
6441-10x11			
6441-12x13			
6441-14x15			
6441-16x17			

ALLEN

- Manufactured in/with Chrome-Vanadium steel.
- Strong 50HRC, for maximum durability.
- Chamfered facilitating the key to fit into the screw.
- Complies with ISO 2936 standards

Uses:

- For Allen torque and adjustment of nuts and bolts.



▶ NICKEL PLATED HEX KEY 6450

REF.	€	QUANTITY P.U.	g	A mm	B mm
6450-1.5 N	0.62	449853	12	1	14
6450-2 N	0.63	449914	12	1	16
6450-2.5 N	0.69	449952	12	2	18
6450-3 N	0.71	449990	12	4	20
6450-4 N	0.85	450033	12	10	24
6450-5 N	1.01	450071	12	18	28
6450-6 N	1.23	450118	12	30	32
6450-7 N	1.56	450156	12	43	34
6450-8 N	1.69	450194	12	60	36
6450-9 N	2.32	450231	12	81	38
6450-10 N	2.51	450279	12	105	40
6450-12 N	3.75	450446	1	171	45
6450-14 N	4.71	509120	1	263	56



▶ 9 HEX ROUND HEAD KEYS KIT 6457

REF.	€	QUANTITY P.U.	g
6457-9P	19,79	507218	6
1,5	2		2,5
3	4		5
6	8		10



▶ 8 HEX KEYS IN FOLDING SET 6455

REF.	€	QUANTITY P.U.	g
6455-8	15,05	618976	6
1,5	2		2,5
3	4		5
6	8		



▶ 9 HEX NICKEL PLATED KEYS KIT 6458

REF.	€	QUANTITY P.U.	g
6458-9N	16,93	507294	6
6450-1.5 N		6450-2 N	6450-2.5 N
6450-3 N		6450-4 N	6450-5 N
6450-6 N		6450-8 N	6450-10 N



▶ 9 TORX KEYS KIT 6459

REF.	€	QUANTITY P.U.	g
6459-9TIP	21,55	610284	6
T9		T10	T15
T20		T25	T27
T30		T40	T50



▶ 3 HEX AND TORX FOLDING SET ASSORTMENT 6455

REF.	€	QUANTITY P.U.	g
6455-P3	38,66	618815	6
1,5	2		2,5
3	4		5
6	8		5/64"
	7/64"		1/8"
	9/64"		3/16"
	5/32"		T9"
	7/32"		T20
	1/4"		T25
	T27		T30

SOCKET

- Manufactured in/with Chrome-Vanadium steel.
- Forged in one single piece, unbreakable.
- 3+ steel treatment for a longer tool life: doesn't break, warp or wear away.
- Nickel plated and a matt chrome finish.
- Complies with DIN 3123 and 3124 standards.

Uses:

- For hexagonal torque and adjustment of nuts and bolts.



▶ HEXAGONAL SOCKET 1/2" 6520

REF.	€	QUANTITY P.U.	g	A mm	B mm	L mm
6520-10	4,29	453010	6	56	23	15
6520-11	4,49	453058	6	58	23	16
6520-12	4,68	453096	6	58	23	18
6520-13	4,82	453133	6	58	23	19
6520-14	5,02	453171	6	60	23	20
6520-15	5,39	453218	6	62	23	22
6520-16	5,46	453256	6	66	23	23
6520-17	5,50	453294	6	66	23	24
6520-18	5,65	453331	6	66	23	25
6520-19	5,77	453379	6	66	23	26
6520-20	6,24	453416	6	72	23	28
6520-21	6,24	453454	6	74	24	29
6520-22	6,42	453492	6	86	24	30
6520-23	6,78	453539	6	88	25	31
6520-24	7,28	453591	6	96	25	33
6520-25	7,40	453638	6	106	26	34
6520-26	7,63	453676	6	108	26	35
6520-27	7,76	453713	6	126	26	36
6520-28	8,30	453775	6	140	27	38
6520-30	8,68	453867	6	150	28	40
6520-32	8,68	453911	6	180	28	43



▶ UNIVERSAL JOINT 1/2" 6521

REF.	€	QUANTITY P.U.	g	A mm	B mm	L mm
6521	21,85	485110	1	135	24	126



▶ EXTENSION BAR 1/2" 6523

REF.	€	QUANTITY P.U.	g	A mm	B mm	L mm
6523-5	10,07	485158	1	180	23	14
6523-10	12,69	485196	1	345	23	14



▶ SLIDING HANDLE 1/2" 6524

REF.	€	QUANTITY P.U.	g	A mm	B mm	L mm
6524	15,43	485233	1	375	13	24



▶ RATCHET 1/2" 6528

REF.	€	QUANTITY P.U.	g	A mm	B mm	L mm
6528	43,00	485431	1	610	42	39

PLIERS

- Manufactured with special Bellota steel.
- Forged head and body: unbreakable.
- Temper and blue steel hardening of the head and induction tempered edges for a longer tool life: doesn't break, warp or wear away.
- Two-materials ergonomic handles with SOFT TOUCH for comfort during work.
- Complies with DIN standards.

Uses:

- For holding, clamping, cutting or handling.
- Universal: Combining holding, clamping and cutting in one single tool. Holding: smooth and refined teeth to hold without marking. Clamping: thick teeth holding rounded parts and pipes. Cutting: semi hard and hard materials to a diameter of 2.5 mm.
- Cutting: for cutting wires.
- Holding and Multi-opening: for holding jobs.

COMBINATION



► HEAVY-DUTY COMBINATION PLIER 6100								
REF.	€	Induction 8+14+200		g	A mm	B mm	C mm	L mm
6100-160 BIM	16,86	332797	6	190	25	35	9	164
6100-180 BIM	17,99	332926	6	230	25,8	38	9,6	184
6100-200 BIM	20,51	333022	6	290	29	40	9,8	207

COMBINATION Plier 802								
REF.	€	Induction 8+14+200	g	A mm	B mm	C mm	L mm	
6102-160 BIM	17,12	333121	6	210	25	36	9,7 165	
6102-180 BIM	18,95	333220	6	265	28	37	10 186	
6102-200 BIM	21,26	333329	6	325	27,6	42	10,4 207	



COMBINATION PLIER 6102

CUTTING PLIER



▶ SIDE CUTTING PLIER 6110								
REF.	€	 Induction 8+14+200	g	A mm	B mm	C mm	L mm	
6110-160 BIM	19,05	333527	6	220	21,8	20	10,6	165
6110-180 BIM	21,35	333626	6	280	23,4	20	10,3	185

Induction tempered edges.

HEAVY-DUTY SIDE CUTTING PLIER 6102



REF.	€	Induction 8+14+200	g	A mm	B mm	C mm	L mm	
6112-180 BIM	19,23	333725	6	260	26,8	21	10,9	189
6112-200 BIM	21,74	333909	6	290	26,9	21	10,7	205

Induction tempered edges.



REF.	€	 8 41 4299		g	A mm	B mm	C mm	L mm
6114-160 BIM	21,65	333954	6	265	28,5	10,2	26	168

Induction tempered edges.

END CUTTING PLIER 6114

NOSE PLIER



▶ SEMICIRCULAR STRAIGHT JAW SNIP NOSE PLIER 6120								
REF.	€	INDUCTION 8+14+200	g	A mm	B mm	C mm	D mm	L mm
6120-160 BIM	19,23	334050	6	145	16,7	52	8,5	2,5 164
6120-200 BIM	22,16	334159	6	190	17,5	76	8,5	1,7 203

SEMICIRCULAR STRAIGHT JAW SNIP NOSE PLIER 6120



REF.	€	 8+14+200		g	A mm	B mm	C mm	L mm
6122-200 BIM	22,67	334258	6	190	17,5	71	2,5	199

SEMICIRCULAR CURVED JAW SNIP NOSE PLIER 6122



REF.	€	Induction 8+14+200	g	A mm	B mm	C mm	D mm	L mm
6130-160 BIM	20,39	334357	6	175	15,8	33	9,2	160

FLAT NOSE PLIER 6130



► WIRE STRIPPING PLIERS 6150							
REF.	€		g	A mm	B mm	C mm	L mm
6150-160 BIM	23,34	334555	6	165	20	39	9 164

WIRE STRIPPING PLIERS 6150



▶ ROUND NOSE PLIER 6134									
REF.	€	Induction 8+1+200	g	A mm	B mm	C mm	D mm	L mm	
6134-160 BIM	21,60	334456	6	165	15,5	34	9,7	3,2	167

ROUND NOSE PLIER 6134

SLIP JOINT PLIER



REF.	€		g	A mm	B mm	C mm	D mm	L mm
6160-250 PVC	16,86	445367	6	350	34	48	9	43 252

SLIP JOINT PLIER 6160



REF.	€			g	A mm	B mm	C mm	D mm	L mm
6162-250 PVC	24,47	445442	6	290	34	37	8	33	245

SLIP JOINT PLIER 6162

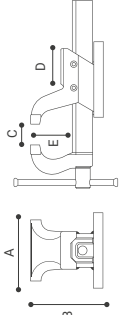
CLAMPING

BENCH VICES

- Made with special Bellota steel.
- Heat treated milled vices for better grip.
- Broad anvil providing a larger working area.
- Support on a square guide.
- High strength.

Uses:

- For holding, gripping and mounting different parts or profiles.



▶ **FORCED BENCH VICE 6700**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm	E mm
6700-100	219,07	026313	1	7.000	100	125	60	52
6700-125	310,31	026337	1	11.000	125	148	150	70
6700-150	400,37	019872	1	17.000	150	178	200	90
6700-175	535,18	019858	1	26.000	175	208	220	105

▶ **CAST BENCH VICE 6770**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm	E mm
6710-80	70,36	365375	1	5.400	75	115	75	65
6710-100	99,34	353419	1	6.300	100	123	75	66
6710-125	129,02	353457	1	11.600	125	151	100	90
6710-150	167,52	353488	1	20.000	150	174	125	115

C CLAMPS

- Nodular cast steel heads.
- Calibrated steel toothed wheel.
- Anti-slip brake on the moving head.
- Flat surface mounting.

Uses:

- For holding, gripping and mounting different parts and profiles.



▶ **WOOD HANDLE C CLAMP 51200**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm
51200-15	11,62	215236	1	500	18	7	70
51200-20	12,30	215298	1	540	18	7	70
51200-25	13,30	215366	1	590	18	7	70
51200-30	13,98	215434	1	630	18	7	300

Wood Handle.

▶ **IRON CROSS HANDLE C CLAMP 51201**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm
51201-15	11,62	215564	1	500	18	7	70
51201-20	12,30	215632	1	540	18	7	70
51201-25	13,30	215694	1	590	18	7	250
51201-30	13,98	215755	1	630	18	7	300

T Handle.



▶ **PROFESSIONAL C CLAMP 51210**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm
51210-25	21,45	215960	1	1.400	30	8	90
51210-30	22,78	216035	1	1.480	30	8	90
51210-40	25,70	216097	1	1.660	30	8	90
51210-50	28,29	216165	1	1.850	30	8	90
51210-60	30,67	216233	1	2.040	30	8	90
51210-80	35,05	216295	1	2.420	30	8	90

Wood Handle.



▶ **PROFESSIONAL C CLAMP 51215**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm
51215-30	23,11	216561	1	1.520	30	8	90
51215-40	26,10	216639	1	1.700	30	8	90
51215-50	28,42	216691	1	1.920	30	8	90
51215-60	31,08	216752	1	2.060	30	8	90
51215-80	35,20	216813	1	2.500	30	8	90

T Handle.



▶ **EXTRA PROFESSIONAL C CLAMP 51225**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm	D mm
51225-35	26,41	217490	1	2.220	35	8	120
51225-40	27,69	217568	1	2.330	35	8	120
51225-50	29,89	217636	1	2.550	35	8	120
51225-60	32,20	217698	1	2.770	35	8	120
51225-80	36,84	217766	1	3.210	35	8	120
51225-100	41,43	217834	1	3.650	35	8	120

T Handle.

TOOL CASE



▶ **TOOL CASE 8900-8902**

REF.	€	ITEMS/BOX	g	A mm	B mm	C mm
6900-400	41,17	057133	1	3.500	400	200
6900-500	44,68	057140	1	4.000	500	200
6902-500	78,71	057157	1	5.500	500	230

ABRASIVE AND GRINDING STRIP DISCS

1

► Better performance:

Made with top quality materials, so that you can cut longer. Better performance, faster and an enhanced cutting sensation.

2

► We protect you:

Our discs comply with all the regulations so that you are safe while you cut.

3

► No vibrations:

Straight smooth vibration-free cut, for a perfect finish.

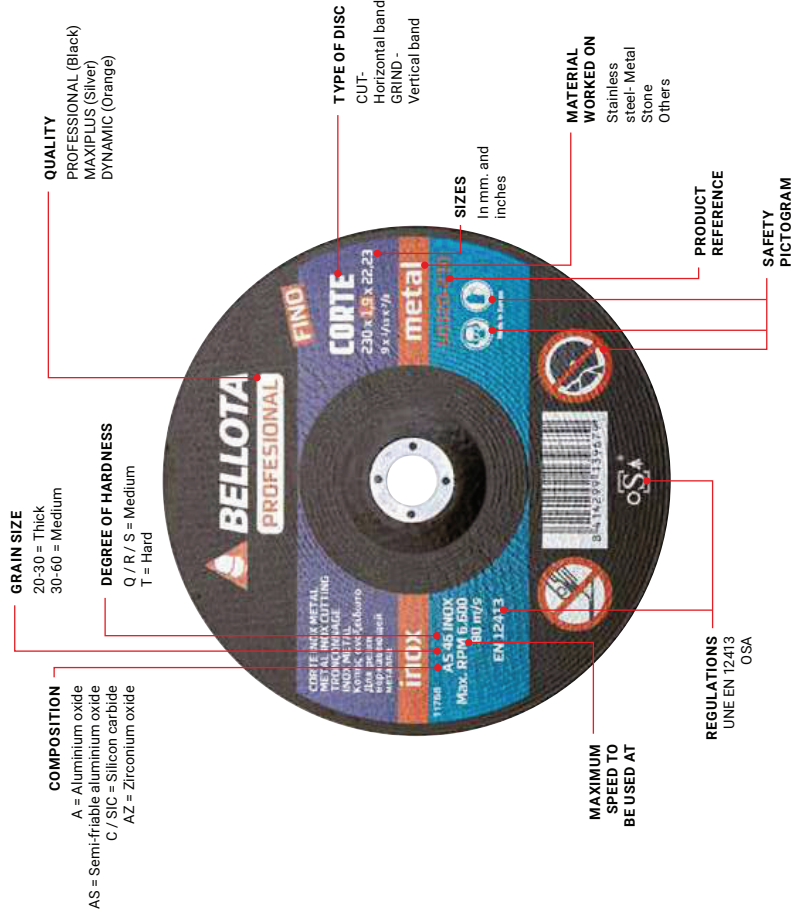
CHARACTERISTICS

- Complies with the regulation EN-12413.
- Made with first class raw materials.
- Mixtures designed to obtain optimum efficiency and an enhanced cutting sensation.
- Homogeneity of the discs, which guarantees greater reliability during its service life.
- Excellent speed, cutting sensation and finish.

USE

- Abrasive discs:
To cut, grind or strip and clean with stationary or portable electrical machinery.
- Grinding strip discs:
To go over surfaces, maintenance jobs, repair work on agricultural equipment, welding and to make adjustments.

HOW DO YOU READ A DISC?



CUTTING AND GRINDING

ABRASIVE DISCS

- Complies with the EN-12413 standard.
 - High-quality raw materials.
 - Mixtures developed to ensure an optimum performance-cutting sensation relation.
 - Homogeneity of the discs over time.
 - Excellent speed, cutting feeling and finish.
- Uses:**
- For cutting, and grinding with electric portable or stationary machinery.
 - Inox-Metal discs: 1-2 mm thick for tasks on thin metal sheet and up to 3mm profiles and assembly with perfect finishing.
 - 2-3 mm thick for heavy duty cutting and thick profiles jobs.
 - Stone discs: 1mm thick for tasks on stone, ceramic, copper profiles, aluminium, brass and plastic. 3 mm thick for heavy duty jobs on concrete, brick, stone and ceramic.
 - Three types of grain:
 - A- Corundum: high tenacity grain for professional cutting and grinding.
 - AS- Semi-friable corundum: high friability grain and good tenacity. For stainless steel cutting.
 - C- Silicon carbide: for fragile materiales (stone, marble and granite) and soft materials (aluminium, brass).



REF.	€	mm	g	A mm	8 mm	+
50300-115	1,57	014785	25	25	115	22,2 1
50300-125	1,70	014808	25	30	125	22,2 1
50310-115	1,70	014822	25	36	115	22,2 1,6
50310-125	1,94	014839	25	47	125	22,2 1,6
50320-180	3,06	139617	25	100	180	22,2 1,6
50320-230	3,17	139679	25	170	230	22,2 1,9

Flat disc. Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50301-115	1,70	600711	25	68	115	22,2 3
50301-125	1,86	600728	25	80	125	22,2 3
50301-180	2,35	600735	25	165	180	22,2 3
50301-230	3,35	600742	25	282	230	22,2 3

Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50330-115	1,70	373806	25	37	115	22,2 2,5
50330-125	1,86	374001	25	47	125	22,2 2,5
50330-180	2,35	374179	25	100	180	22,2 2,5
50330-230	3,43	374292	25	170	230	22,2 2,5

Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50431-300	9,11	940961	25	555	300	22,2 3,5
50441-300	9,11	941005	25	555	300	25,4 3,5
50371-350	14,57	600926	25	800	350	25,4 3,5

Flat disc.



REF.	€	mm	g	A mm	8 mm	+
50322-115	1,90	606768	25	30	115	22,2 1

Flat disc.



REF.	€	mm	g	A mm	8 mm	+
50351-115	2,44	124422	10	170	115	22,2 7
50351-125	2,78	124552	10	205	125	22,2 7
50351-180	4,73	124828	10	405	180	22,2 7
50351-230	6,34	124958	10	640	230	22,2 7

Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50352-115	2,72	124576	10	150	115	22,2 7

Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50302-115	1,89	600759	25	58	115	22,2 3
50302-125	2,00	600766	25	68	125	22,2 3
50302-230	3,84	600780	25	230	230	22,2 3

Dip in centre of disc.



REF.	€	mm	g	A mm	8 mm	+
50361-115	2,44	125221	10	170	115	22,2 7
50361-125	2,78	125397	10	205	125	22,2 7
50361-180	4,73	125429	10	405	180	22,2 7
50361-230	6,34	125535	10	640	230	22,2 7

Dip in centre of disc.



▶ ABRASIVE CUTTING DISC: INOX-METAL THIN 50420									
REF.	€	INQUIRY	g	A mm	B mm	+			
50420-115	2,22	38923	25	60	115	22,2	2,5	AS 30 S-BF	
50420-230	4,45	38925	25	245	230	22,2	2,5	AS 30 S-BF	

Dip in centre of disc.



▶ ABRASIVE CUTTING DISC: INOX-METAL 50421									
REF.	€	INQUIRY	g	A mm	B mm	+			
50421-115	2,22	924596	25	68	115	22,2	3	AS 30 S-BF	
50421-125	2,36	924633	25	80	125	22,2	3	AS 30 S-BF	
50421-180	3,07	924671	25	165	180	22,2	3	AS 30 S-BF	
50421-230	4,45	924718	25	282	230	22,2	3	AS 30 S-BF	

Dip in centre of disc.



▶ ABRASIVE CUTTING DISC: INOX-METAL EXTRATHIN 50400									
REF.	€	INQUIRY	g	A mm	B mm	+			
50400-115	1,00	556506	25	25	115	22,2	1	AS 60 INOX-BF	
50400-125	1,15	586848	25	35	125	22,2	1	AS 60 INOX-BF	

Flat disc.



▶ ABRASIVE CUTTING DISC: STONE 50482									
REF.	€	INQUIRY	g	A mm	B mm	+			
50482-115	1,07	447118	25	58	115	22,2	3	C 24 R-BF	
50482-230	2,19	447163	25	230	230	22,2	3	C 24 R-BF	

Dip in centre of disc.



▶ ABRASIVE CUTTING DISC: INOX-METAL 50480									
REF.	€	INQUIRY	g	A mm	B mm	+			
50480-115	0,94	446989	25	68	115	22,2	3	A 24 R-BF	
50480-125	1,02	512656	25	80	125	22,2	3	A 24 R-BF	
50480-230	2,17	447057	25	282	230	22,2	3	A 24 R-BF	

Dip in centre of disc.

STRIP DISCS

Uses:

- For surface finishing, maintenance work, finishing tasks repair of farming tools, welding and settings.
- Three types of grain:
 - A: universal. Ideal for steel, iron, wood.
 - AZ: Heavy duty tasks, high removal capacity, ideal for stainless steel and forgery.
 - SIC: stone, glass, plastic – non-ferrous materials.
- Two size of grain:
 - 40-60: average grain for rough surface finishes.
 - 80-120: fine grain for fine surface finishes.

POLYAMIDE BASE

- Adapted flat base for flat surface finishes.
- Does not stain or scratch the worked surface.
- Improved disc use as the nylon base can be worn during the work.
- Cotton support fabrics that offer a very good finishing sensation and avoid burn marks on the material, making the discs to be very adequate for working with stainless steel.
- Longer useful life: +15% higher filling capacity than fibreglass based discs.



▶ STRIP DISC: GRINDING METAL. GRAIN A 50501									
REF.	€	INQUIRY	g	A mm	B mm				
50501-40	7,55	601152	10	112	115	22,2	A 40		
50501-60	7,55	601169	10	108	115	22,2	A 60		
50501-80	7,55	601176	10	101	115	22,2	A 80		
50501-120	7,55	601220	10	92	115	22,2	A 120		



▶ STRIP DISC GRINDING INOX-METAL. GRAIN AZ 50502									
REF.	€	INQUIRY	g	A mm	B mm				
50502-40	8,43	601190	10	112	115	22,2	AZ 40		
50502-60	8,43	601206	10	108	115	22,2	AZ 60		
50502-80	8,43	601213	10	101	115	22,2	AZ 80		
50502-120	8,43	601237	10	92	115	22,2	AZ 120		



▶ STRIP DISC GRINDING STONE. GRAIN SIC 50503									
REF.	€	INQUIRY	g	A mm	B mm				
50503-40	8,15	601244	10	80	115	22,2	SIC 40		
50503-60	8,15	601251	10	75	115	22,2	SIC 60		
50503-80	8,15	601268	10	70	115	22,2	SIC 80		
50503-120	8,15	601275	10	65	115	22,2	SIC 120		

Dip in centre of disc.

FIBREGLASS BASE

- Slanted base for edge finishing works.
- Does not stain or scratch the worked surface.
- Polyester support fabrics that provide great performance.



► STRIP DISC GRINDING METAL GRAIN A 50511- 50551-50611						
REF.	€	mm	g	A mm	B mm	
50511-40	5,28	941302	10	90	115	22,2 A 40
50511-60	5,28	941333	10	80	115	22,2 A 60
50511-80	5,28	941364	10	75	115	22,2 A 80
50511-120	5,28	941395	10	70	115	22,2 A 120
50551-40	5,98	300154	10	90	125	22,2 A 40
50551-60	5,98	300314	10	80	125	22,2 A 60
50551-80	5,98	300390	10	80	125	22,2 A 80
50611-40	10,37	941661	10	225	180	22,2 A 40

Dip in centre of disc.



► STRIP DISC GRINDING STONE GRAIN SIC 50513						
REF.	€	mm	g	A mm	B mm	
50513-40	5,77	941548	10	80	115	22,2 SIC 40
50513-60	5,77	941579	10	75	115	22,2 SIC 60
50513-80	5,77	941609	10	70	115	22,2 SIC 80
50513-120	5,77	941630	10	65	115	22,2 SIC 120

Dip in centre of disc.



► STRIP DISC GRINDING INOX-METAL GRAIN AZ 50512-50552-50612						
REF.	€	mm	g	A mm	B mm	
50512-40	5,98	941425	10	90	115	22,2 AZ 40
50512-60	5,98	941456	10	80	115	22,2 AZ 60
50512-80	5,98	941487	10	75	115	22,2 AZ 80
50512-120	5,98	941517	10	70	115	22,2 AZ 120
50612-40	10,47	941784	10	225	180	22,2 AZ 40

Dip in centre of disc.

BRUSHES

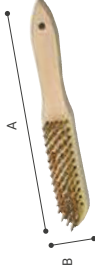
- High-quality materials for excellent performance.
- Wires with high wear resistance.
- Optimum material and wires combination to ensure required finishing accuracy.

Uses:

- For brushing, cleaning jobs, removing paint, varnish, flakes, rust and small burr.
- Four wire materials:
 - Stainless steel: for non contamination cleaning, rust stains, soot on stainless steel, aluminium or special alloys.
 - Brass coated steel for working on copper, plastic, lead, aluminium, glass and steel.
 - Brass: for non-ferrous steel and spark-free tasks.
 - Nylon: for difficult to reach areas. Coarse grain (Red) rough finishing. Fine grain (Blue) fine finishing.
- Three wire types:
 - Braided wires: for maximum performance in heavy-duty tasks and tasks requiring speed and firmness.
 - Corrugated wire: for continuous brushing tasks and slight burrs removal. Fine finishing.
 - Straight wire: for any type of brushing. Medium finishing.

HANDHELD BRUSHES

- For general light brushing jobs.



► BRUSH BRASS COATED STEEL STRAIGHT WIRE 50801

REF.	€	mm	g	A mm	B mm	H
50801-3	1,39	372380	1	112	295	25 3
50801-4	1,61	372427	1	140	295	25 4
50801-5	2,15	372465	1	170	295	25 5

Brass coated steel. ø 0.3 straight wire.



► BRUSH BRASS CORRUGATED WIRE 50803

REF.	€	mm	g	A mm	B mm	H
50803-3	3,03	372625	1	112	295	25 3
50803-4	4,05	372663	1	140	295	25 4
50803-5	5,42	372700	1	170	295	25 5

Brass. ø 0.3 corrugated wire.



► NARROW BRUSH BRASS COATED STEEL STRAIGHT WIRE 50806-A

REF.	€	mm	g	A mm	B mm	H
50806-A	1,91	372823	24	38	265	30 1

Brass coated steel. ø 0.3 straight wire. Very narrow, to reach difficult places.



► NARROW BRUSH BRASS CORRUGATED WIRE 50806-L

REF.	€	mm	g	A mm	B mm	H
50806-L	5,62	372908	24	38	265	25 1

Brass. ø 0.3 corrugated wire. Very narrow, to reach difficult places.

► BRUSH STAINLESS STEEL STRAIGHT WIRE 50802

REF.	€	mm	g	A mm	B mm	H
50802-3	5,13	372502	1	112	295	25 3
50802-4	6,20	372540	1	140	295	25 4
50802-5	7,40	372588	1	170	295	25 5

Stainless steel. ø 0.3 straight wire.



► BRUSH WITHOUT HANDLE BRASS COATED STEEL STRAIGHT WIRE 50804

REF.	€	mm	g	A mm	B mm	H
50804-5	2,44	372748	1	190	210	35 5

Brass coated steel. ø 0.3 straight wire. Without handle, for heavy duty works.



► NARROW BRUSH STAINLESS STEEL CORRUGATED WIRE 50806-I

REF.	€	mm	g	A mm	B mm	H
50806-I	5,91	372861	24	38	265	30 1

Stainless steel. ø 0.3 corrugated wire. Very narrow, to reach difficult places.

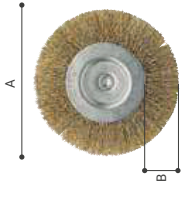


▶ SPARK PLUG CLEANER BRASS COATED STEEL CORRUGATED WIRE 50805-A

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H
50805 A	4,01	633696	24	20	133	15
3						

0,15 mm. Brass Coated Steel Corrugated Wire.

DIY BRUSHES



▶ WHEEL BRUSH BRASS COATED STEEL CORRUGATED WIRE 50807

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H	Max R.P.M.
50807-50	1,70	373066	24	33	50	12	4.500
50807-60	1,70	373103	24	42	60	13	4.500
50807-75	2,10	373141	24	70	75	16	4.500
50807-100	3,23	373189	12	105	100	24	4.500

Corrugated wire. 6 mm bolt.



▶ CUP BRUSH BRASS COATED STEEL CORRUGATED WIRE 50808

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50808-50	2,19	373226	24	63	50	18
50808-75	3,18	373264	24	120	75	25
50808-80	3,92	936193	12	196	80	23

Corrugated wire. 6 mm bolt.



▶ END BRUSH BRASS COATED STEEL CORRUGATED WIRE 50809-25

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50809-25	3,00	373301	24	55	25	30

Corrugated wire. 6 mm bolt.



▶ SPARK PLUG CLEANER BRASS CORRUGATED WIRE 50805-L

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H
50805 L	3,73	633832	24	20	133	15
3						

0,15 mm. Brass Corrugated Wire.



NEW

▶ WHEEL BRUSH BRASS STAINLESS STEEL CORRUGATED WIRE 50807-501

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50807-50 I	4,15	666784	24	33	50	12
50807-75 I	5,48	686869	24	70	75	16



▶ CUP BRUSH STAINLESS STEEL CORRUGATED WIRE 50808-50 I

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50808-50 I	7,77	633733	24	70	50	15

Corrugated wire. 6 mm bolt.



▶ DIY BRUSHES DISPLAY 50850

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	C mm
50850	92,56	904031	1	3.500	230	380
50807-50-6		50807-75-6		50807-100-6		
50808-50-6		50808-75-6		50809-25-6		

CIRCULAR INDUSTRIAL BRUSHES

- For working with grinders on fix benches.



▶ WHEEL BRUSH BRASS COATED STEEL CORRUGATED WIRE 50810

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H	Max R.P.M.
50810-10016	10,96	373387	1	205	100	16	5
50810-10020	15,38	373424	1	229	100	20	6
50810-12518	11,82	373462	1	283	125	18	5
50810-15018	14,80	373547	1	450	150	18	5
50810-20020	19,65	373707	1	790	200	20	5
50810-20025	27,70	373745	1	920	200	25	7

▶ WHEEL BRUSH STAINLESS STEEL CORRUGATED WIRE 50810 I

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H	Max R.P.M.
50810-15025 I	34,34	633795	12	550	150	25	7



▶ WHEEL BRUSH HARDENED STEEL BRAIDED WIRE 5001

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	H	Max R.P.M.
50811-100	19,21	373783	1	239	100	20	1
50811-115	19,65	373936	1	272	115	23	1
50811-150	23,80	374124	1	500	150	37	1
50811-175	26,91	374162	1	686	175	42	1

INDUSTRIAL CUP BRUSHES

- For working on large metal surfaces using angle grinders and mini grinders in areas difficult to reach.



▶ CUP BRUSH BRASS COATED STEEL CORRUGATED WIRE 50812

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50812-80	15,17	374209	1	230	80	30
50812-100	18,59	374247	1	399	100	30
50812-125	27,27	374285	1	620	125	35

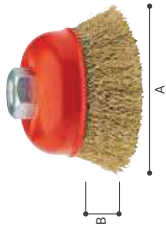
▶ CUP BRUSH STAINLESS STEEL CORRUGATED WIRE 50812 I

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50812-80 I	29,72	633771	12	230	80	22



▶ CUP BRUSH HARDENED STEEL BRAIDED WIRE 50813

REF.	€	ITEMS P.V. + 20%	g	A mm	B mm	Max R.P.M.
50813-80	21,62	374322	1	685	80	22
50813-100	22,99	374360	1	875	100	22
50813-120	29,00	374407	1	1.065	120	22



▶ CUP BRUSH BRASS COATED STEEL CORRUGATED WIRE 50814									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50814-75	14,30	374445	1	215	75	30	12.500		

To use in mini- grinders.



▶ CUP BRUSH BRASS COATED STEEL CORRUGATED WIRE 50814									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50814-65	13,77	374483	1	280	65	20	12.500		

To use in mini- grinders.

CONICAL INDUSTRIAL BRUSHES

- To use with mini grinders.



▶ CONIC BRUSH BRASS COATED STEEL CORRUGATED WIRE 50815									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50815-1001	15,17	374520	12	181	100	20	1 12.500		
50815-1002	28,29	374568	12	274	100	20	2 12.500		

Corrugated wire.



▶ CONIC BRUSH BRASS COATED STEEL CORRUGATED WIRE 50817									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50817-1001	15,95	374681	12	215	100	20	1 12.500		
50817-1151	18,59	374728	12	405	115	20	2 12.500		



▶ END BRUSH COATED STEEL CORRUGATED WIRE 50818									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50818-25	5,48	666708	24	50	25	30	18.000		

NEW



▶ CONIC BRUSH BRASS COATED STEEL CORRUGATED WIRE 50816									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50816-1001	31,78	374605	12	181	100	20	1 12.500		
50816-1002	47,85	374643	12	274	100	20	2 12.500		

Corrugated wire.



▶ CONIC BRUSH BRASS COATED STEEL CORRUGATED WIRE 50817-1									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50817-1001 I	34,91	633818	12	215	100	20	1 12.500		

Corrugated wire.



▶ END BRUSH STAINLESS STEEL CORRUGATED WIRE 50818-1									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50818-25 I	9,08	633757	24	50	25	30	18.000		

Corrugated wide. 6 mm bolt.

INDUSTRIAL NYLON BRUSHES

- Manufactured with highly flexible nylon filaments preventing the breakage with carbon silicate abrasive grains.
- Two types of grain:
 - Thick red, 80 grain.
 - Thin blue, 180 grain.
- With 6 mm bolt to fit into standard drills.



▶ NYLON WHEEL BRUSH 50825									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50825-75B	6,46	375244	24	75	75	16	4.500		
50825-75F	6,76	375602	24	75	75	16	4.500		
50825-100B	7,82	375329	12	120	100	23	4.500		
50825-100F	8,14	375282	12	120	100	23	4.500		

6 mm bolt.



▶ NYLON CUP BRUSH 50826-75F									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50826-50B	6,32	375404	24	73	50	18	4.500		
50826-50F	6,46	375367	24	73	50	18	4.500		
50826-75B	6,76	375480	24	130	75	25	4.500		
50826-75F	6,98	375442	24	130	75	25	4.500		

6 mm bolt.



▶ NYLON END BRUSH 50827-25B									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50827-25B	5,17	375565	24	67	25	25	4.500		
50827-25F	5,38	375527	24	67	25	25	4.500		

6 mm bolt.



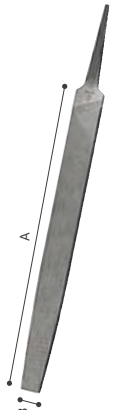
▶ NYLON FLAP BRUSH 50829									
REF.	€	g	A mm	B mm	H	Max R.P.M.			
50829-100B	8,34	961034	12	80	100	25	3.500		
50829-100F	8,34	961072	12	120	100	25	3.500		

FILES AND RASPS

- Manufactured with special Bellota steel.
- Forged in one single for a longer tool life: doesn't break, warp or wear away.
- Each file has the perfect hardness: to get the maximum durability, depending on the work to be done.
- Uniform teeth for a uniform result.
- Option to put a dual material ergonomic handle with SOFT TOUCH for comfort during work.

MECHANICAL FILES

- For regrounding, filing, rasping and finishing jobs in mechanical workshops and general industry.



MECHANICAL FLAT POINTED FILE 4001

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4001-4 BAS.	5,98	400106	12	25	100	7,9-11,2 4089-2/4090-2/4093-B4
4001-4 ENT.	6,23	400304	12	25	100	7,9-11,2 4089-2/4090-2/4093-B4
4001-4 FIN.	6,86	400502	12	25	100	7,9-11,2 4089-2/4090-2/4093-B4
4001-6 BAS.	6,84	400700	12	70	150	10,5-15,1 4089-4/4090-3/4093-B3
4001-6 ENT.	7,16	400908	12	70	150	10,5-15,1 4089-4/4090-3/4093-B3
4001-6 FIN.	7,95	401301	12	70	150	10,5-15,1 4089-4/4090-3/4093-B3
4001-8 BAS.	8,84	401509	12	150	200	13,3-19,2 4089-7/4090-4/4093-A4
4001-8 ENT.	9,21	401707	12	150	200	13,3-19,2 4089-7/4090-4/4093-A4
4001-8 FIN.	10,12	402100	12	150	200	13,3-19,2 4089-7/4090-4/4093-A4
4001-10 BAS.	12,42	402308	12	271	250	16-24,4 4090-5/4093-A2
4001-10 ENT.	12,79	402506	12	271	250	16-24,4 4090-5/4093-A2
4001-10 FIN.	13,96	402704	12	271	250	16-24,4 4090-5/4093-A2
4001-12 BAS.	16,64	402902	6	463	300	19-29 4090-6/4093-A2
4001-12 ENT.	17,33	403107	6	463	300	19-29 4090-6/4093-A2
4001-12 FIN.	18,58	403305	6	463	300	19-29 4090-6/4093-A2
4001-14 BAS.	20,16	403503	6	720	350	22-5,34 4090-6/4093-A1
4001-14 ENT.	21,25	403701	6	720	350	22-5,34 4090-6/4093-A1
4001-14 FIN.	22,53	403909	6	720	350	22-5,34 4090-6/4093-A1

Flat file. Two sides.



MECHANICAL FLAT PARALLEL FILE 4002

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4002-4 BAS.	6,15	404203	12	27	100	11,2 4089-2/4090-2/4093-B4
4002-4 ENT.	6,23	404401	12	27	100	11,2 4089-2/4090-2/4093-B4
4002-4 FIN.	6,69	404609	12	27	100	11,2 4089-2/4090-2/4093-B4
4002-6 BAS.	7,05	404807	12	75	150	15,1 4089-4/4090-3/4093-B3
4002-6 ENT.	7,16	405002	12	75	150	15,1 4089-4/4090-3/4093-B3
4002-6 FIN.	7,95	405200	12	75	150	15,1 4089-4/4090-3/4093-B3
4002-8 BAS.	9,12	405606	12	156	200	19,2 4089-7/4090-4/4093-A4
4002-8 ENT.	9,21	405804	12	156	200	19,2 4089-7/4090-4/4093-A4
4002-8 FIN.	10,12	406009	12	156	200	19,2 4089-7/4090-4/4093-A4
4002-10 BAS.	12,42	406207	12	279	250	24,4 4090-5/4093-A2
4002-10 ENT.	13,16	406405	12	279	250	24,4 4090-5/4093-A2
4002-10 FIN.	13,96	406603	12	279	250	24,4 4090-5/4093-A2
4002-12 BAS.	16,64	406801	6	476	300	29 4090-6/4093-A2
4002-12 ENT.	17,33	407006	6	476	300	29 4090-6/4093-A2
4002-12 FIN.	18,58	407204	6	476	300	29 4090-6/4093-A2
4002-14 BAS.	20,16	407402	6	750	350	34 4090-6/4093-A1
4002-14 ENT.	21,25	407600	6	750	350	34 4090-6/4093-A1

Flat file. Three sides.



MECHANICAL HALF ROUNDED FILE 4003

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4003-4 BAS.	9,32	408102	12	18	100	8,9-10,6 4089-2/4090-2/4093-B4
4003-4 ENT.	9,58	408300	12	18	100	8,9-10,6 4089-2/4090-2/4093-B4
4003-4 FIN.	10,29	408508	12	18	100	8,9-10,6 4089-2/4090-2/4093-B4
4003-6 BAS.	9,99	408706	12	53	150	12,7-15 4089-4/4090-3/4093-B3
4003-6 ENT.	10,44	408904	12	53	150	12,7-15 4089-4/4090-3/4093-B3
4003-6 FIN.	11,22	409307	12	53	150	12,7-15 4089-4/4090-3/4093-B3
4003-8 BAS.	11,63	409505	12	123	200	14,8-19,8 4089-7/4090-4/4093-A4
4003-8 ENT.	12,43	409703	12	123	200	14,8-19,8 4089-7/4090-4/4093-A4
4003-8 FIN.	13,65	410105	12	123	200	14,8-19,8 4089-7/4090-4/4093-A4
4003-10 BAS.	16,32	410303	12	230	250	19-24 4090-5/4093-A3
4003-10 ENT.	16,98	410501	12	230	250	19-24 4090-5/4093-A3
4003-10 FIN.	18,51	410709	12	230	250	19-24 4090-5/4093-A3
4003-12 BAS.	21,83	410907	6	385	300	19,5-28,5 4090-6/4093-A2
4003-12 ENT.	22,64	411102	6	385	300	19,5-28,5 4090-6/4093-A2
4003-12 FIN.	24,44	411300	6	385	300	19,5-28,5 4090-6/4093-A2
4003-14 BAS.	26,81	411508	6	586	350	23-33,2 4090-6/4093-A1
4003-14 ENT.	28,26	411706	6	586	350	23-33,2 4090-6/4093-A1

Half-round file.



MECHANICAL ROUNDED FILE 4004

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4004-4 BAS.	5,58	412109	12	100	2-3,8	4089-1/4090-1/4093-B5
4004-4 ENT.	5,67	412307	12	100	2-3,8	4089-1/4090-1/4093-B5
4004-4 FIN.	6,07	412505	12	100	2-3,8	4089-1/4090-1/4093-B5
4004-6 BAS.	7,05	413304	12	29	150	3,5-5,8 4089-2/4090-2/4093-B4
4004-6 ENT.	7,09	413502	12	29	150	3,5-5,8 4089-2/4090-2/4093-B4
4004-6 FIN.	7,56	413908	12	29	150	3,5-5,8 4089-2/4090-2/4093-B4
4004-8 BAS.	8,10	414103	12	73	200	5,7-5 4089-3/4090-3/4093-B4
4004-8 ENT.	8,35	414301	12	73	200	5,7-5 4089-3/4090-3/4093-B4
4004-8 FIN.	9,27	414707	12	73	200	5,7-5 4089-3/4090-3/4093-B4
4004-10 BAS.	11,22	414905	12	143	250	6-9,4 4089-4/4090-4/4093-B3
4004-10 ENT.	11,41	415100	12	143	250	6-9,4 4089-4/4090-4/4093-B3
4004-10 FIN.	12,47	415308	12	143	250	6-9,4 4089-4/4090-4/4093-B3
4004-12 BAS.	14,47	415506	6	278	300	7-11,4 4089-4/4090-4/4093-B3
4004-12 ENT.	15,37	415704	6	278	300	7-11,4 4089-4/4090-4/4093-B3
4004-12 FIN.	16,24	415902	6	278	300	7-11,4 4089-4/4090-4/4093-B3

Round file.



BIMATERIAL HANDLE MECHANICAL FLAT PARALLEL FILE 4002

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4002-4 BAS. MB	8,14	109866	6	67	100	11,2 4093-B4
4002-4 ENT. MB	8,21	110043	6	67	100	11,2 4093-B4
4002-6 BAS. MB	8,81	111064	6	130	150	15,1 4093-B3
4002-6 ENT. MB	8,67	120585	6	130	150	15,1 4093-B3
4002-6 FIN. MB	9,48	131741	6	130	150	15,1 4093-B3
4002-8 BAS. MB	10,45	131819	6	223	200	19,2 4093-A4
4002-8 ENT. MB	10,81	131871	6	223	200	19,2 4093-A4
4002-8 FIN. MB	11,61	131932	6	223	200	19,2 4093-A4
4002-10 BAS. MB	14,02	109900	6	392	250	24,4 4093-A2
4002-10 ENT. MB	14,49	109962	6	392	250	24,4 4093-A2
4002-10 FIN. MB	15,41	132045	6	392	250	24,4 4093-A2

Flat file. Three sides.



BIMATERIAL HANDLE MECHANICAL HALF ROUNDED FILE 4003

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4003-4 BAS. MB	11,02	132465	6	57	100	8,9-10,6 4093-B4
4003-4 ENT. MB	11,10	132526	6	57	100	8,9-10,6 4093-B4
4003-4 FIN. MB	11,61	132588	6	57	100	8,9-10,6 4093-B4
4003-6 BAS. MB	11,40	132656	6	103	150	12,7-15 4093-B3
4003-6 ENT. MB	12,57	132724	6	103	150	12,7-15 4093-B3
4003-6 FIN. MB	13,20	132786	6	103	150	12,7-15 4093-B3
4003-8 BAS. MB	13,47	132847	6	173	200	14,8-19,8 4093-A4
4003-8 ENT. MB	15,14	132915	6	173	200	14,8-19,8 4093-A4
4003-8 FIN. MB	16,02	132977	6	173	200	14,8-19,8 4093-A4
4003-10 BAS. MB	18,26	133042	6	283	250	19-24 4093-A3
4003-10 ENT. MB	18,39	133110	6	283	250	19-24 4093-A3
4003-10 FIN. MB	19,74	133172	6	283	250	19-24 4093-A3

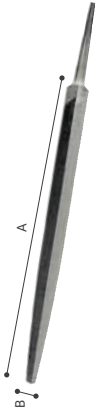
Half-round file.



BIMATERIAL HANDLE MECHANICAL ROUNDED FILE 4004

REF.	€	MINIMUM 8 x 11 x 250	g	A mm	B mm	fi
4004-4 BAS. MB	7,36	133769	6	40	100	2-3,8 4093-B5
4004-4 ENT. MB	7,32	133820	6	40	100	2-3,8 4093-B5
4004-4 FIN. MB	7,59	133868	6	40	100	2-3,8 4093-B5
4004-6 BAS. MB	8,70	133929	6	75	150	3,5-5,8 4093-B4
4004-6 ENT. MB	8,67	133998	6	75	150	3,5-5,8 4093-B4
4004-6 FIN. MB	9,17	134070	6	75	150	3,5-5,8 4093-B4
4004-8 BAS. MB	9,64	134124	6	135	200	5-7,5 4093-B4
4004-8 ENT. MB	9,79	134193	6	135	200	5-7,5 4093-B4
4004-8 FIN. MB	10,64	134278	6	135	200	5-7,5 4093-B4
4004-10 BAS. MB	12,89	134346	6	203	250	6-9,4 4093-B3
4004-10 ENT. MB	12,80	134414	6	203	250	6-9,4 4093-B3
4004-10 FIN. MB	14,02	134476	6	203	250	6-9,4 4093-B3

Round file.



MECHANICAL TRIANGULAR FILE 4005

REF.	€	INQUIRY	g	A mm	B mm	IT
4005-4 BAS.	5,97	416800	12	22	100	5,5-8,5
4005-4 ENT.	6,15	417005	12	22	100	5,5-8,5
4005-4 FIN.	6,60	417203	12	22	100	5,5-8,5
4005-6 BAS.	7,99	418200	12	77	150	8-12,5
4005-6 ENT.	8,29	418200	12	77	150	8-12,5
4005-6 FIN.	9,12	418606	12	77	150	8-12,5
4005-8 BAS.	10,07	418903	12	160	200	10,5-15,6
4005-8 ENT.	10,63	419108	12	160	200	10,5-15,6
4005-8 FIN.	11,35	419405	12	160	200	10,5-15,6
4005-10 BAS.	14,47	419603	12	285	250	11-17,8
4005-10 ENT.	15,44	419801	12	285	250	11-17,8
4005-10 FIN.	16,52	420005	12	285	250	11-17,8
4005-12 BAS.	19,53	420203	6	450	300	12,5-20,6
4005-12 ENT.	20,54	420401	6	450	300	12,5-20,6
4005-12 FIN.	21,90	420609	6	450	300	12,5-20,6

Triangular file.



MECHANICAL SQUARE FILE 4006

REF.	€	INQUIRY	g	A mm	B mm	IT
4006-4 BAS.	7,18	422009	12	13	100	1,6-3,8
4006-4 ENT.	7,31	422207	12	13	100	1,6-3,8
4006-4 FIN.	7,48	422404	12	13	100	1,6-3,8
4006-6 BAS.	8,09	423204	12	39	150	2,9-5,4
4006-6 ENT.	8,34	423402	12	39	150	2,9-5,4
4006-6 FIN.	8,91	423600	12	39	150	2,9-5,4
4006-8 BAS.	9,27	423907	12	91	200	4,5-7,1
4006-8 ENT.	9,60	424102	12	91	200	4,5-7,1
4006-8 FIN.	10,29	424300	12	91	200	4,5-7,1
4006-10 BAS.	12,20	424508	12	180	250	5,6-9
4006-10 ENT.	13,16	424706	12	180	250	5,6-9
4006-12 BAS.	16,52	425109	6	313	300	6,6-11,6
4006-12 ENT.	17,21	425307	6	313	300	6,6-11,6
4006-12 FIN.	18,45	425505	6	313	300	6,6-11,6

Square file.



MECHANICAL FLAT THIN FILE 4007

REF.	€	INQUIRY	g	A mm	B mm	IT
4007-6 BAS.	9,32	426908	12	30	150	1,8-15,6
4007-6 ENT.	9,60	427103	12	30	150	1,8-15,6
4007-6 FIN.	9,99	427301	12	30	150	1,8-15,6

Flat file. Four sides.



BIMATERIAL HANDLE MECHANICAL TRIANGULAR FILE 4005

REF.	€	INQUIRY	g	A mm	B mm	IT
4005-4 ENT. MB	7,60	134728	6	60	100	5,5-8,5
4005-6 BAS. MB	9,61	134797	6	127	150	8-12,5
4005-6 ENT. MB	9,79	134872	6	127	150	8-12,5
4005-6 FIN. MB	10,45	134940	6	127	150	8-12,5
4005-8 BAS. MB	11,61	135015	6	225	200	10,5-15,6
4005-8 ENT. MB	11,74	135077	6	225	200	10,5-15,6
4005-8 FIN. MB	12,89	135145	6	225	200	10,5-15,6
4005-10 BAS. MB	15,89	135282	6	357	250	11-17,8
4005-10 ENT. MB	16,54	135350	6	357	250	11-17,8
4005-10 FIN. MB	17,66	135428	6	357	250	11-17,8

Triangular file.



BIMATERIAL HANDLE MECHANICAL SQUARE FILE 4006

REF.	€	INQUIRY	g	A mm	B mm	IT
4006-4 BAS. MB	8,90	135688	6	43	100	1,6-3,8
4006-4 ENT. MB	8,99	135756	6	43	100	1,6-3,8
4006-4 FIN. MB	9,13	135824	6	43	100	1,6-3,8
4006-6 BAS. MB	10,10	135848	6	77	150	2,9-5,4
4006-6 ENT. MB	10,16	135916	6	77	150	2,9-5,4
4006-6 FIN. MB	10,45	136081	6	77	150	2,9-5,4
4006-8 BAS. MB	11,42	135978	6	140	200	4,5-7,1
4006-8 ENT. MB	11,75	136043	6	140	200	4,5-7,1
4006-8 FIN. MB	11,79	136234	6	140	200	4,5-7,1
4006-10 BAS. MB	13,87	136296	6	243	250	5,6-9
4006-10 ENT. MB	14,49	136357	6	243	250	5,6-9
4006-10 FIN. MB	15,57	136425	6	243	250	5,6-9

Square file.



MECHANICAL KNIFE FILE 4008

REF.	€	INQUIRY	g	A mm	B mm	IT
4008-6 BAS.	12,81	429107	12	37	150	10-16,6
4008-6 ENT.	13,65	429305	12	37	150	10-16,6
4008-6 FIN.	14,47	429503	12	37	150	10-16,6
4008-8 ENT.	16,59	430004	12	73	200	12,5-21
4008-10 BAS.	20,42	430400	12	122	250	15-26
4008-10 ENT.	21,50	430608	12	122	250	15-26

Knife file.

NEEDLE FILES

- For use by watchmakers, jewellery makers and engravers.



NEEDLE FLAT POINTED FILE 4071

REF.	€	INQUIRY	g	A mm	B mm
4071-16 BAS.	6,91	444506	12	8	92
4071-16 ENT.	6,91	444902	12	8	92
4071-16 FIN.	6,91	445107	12	8	92

Round file.



NEEDLE HALF ROUNDED FILE 4074

REF.	€	INQUIRY	g	A mm	B mm
4074-16 BAS.	11,24	446906	12	9	92
4074-16 ENT.	11,24	447309	12	9	92
4074-16 FIN.	11,24	447507	12	9	92

Half-round file.



NEEDLE FLAT PARALLEL FILE 4076

REF.	€	INQUIRY	g	A mm	B mm
4076-16 BAS.	6,91	448702	12	9	92
4076-16 ENT.	6,91	449105	12	9	92
4076-16 FIN.	6,91	449303	12	9	92

Flat file. Four sides.



NEEDLE FILE KIT 4077

REF.	€	INQUIRY	g	A mm	B mm	C mm
4077-16	83,35	466201	1	150	170	45
4071-16 BAS						20
4072-16 FIN						
4074-16 BAS						
4075-16 BAS						
4076-16 FIN						



NEEDLE ROUNDED FILE 4072

REF.	€	INQUIRY	g	A mm	B mm
4072-16 BAS.	5,80	445305	12	9	92
4072-16 ENT.	5,80	445701	12	9	92
4072-16 FIN.	5,80	445909	12	9	92

Round file.



NEEDLE TRIANGULAR FILE 4075

REF.	€	INQUIRY	g	A mm	B mm
4075-16 BAS.	6,55	447903	12	9	92
4075-16 ENT.	6,55	448306	12	9	92
4075-16 FIN.	6,55	448504	12	9	92

Triangular file.



NEEDLE FILE KIT 4078

REF.	€	INQUIRY	g	A mm	B mm	C mm
4078-16	41,72	466300	1	60	190	120
4071-16 BAS						7
4072-16 BAS						
4074-16 BAS						
4075-16 BAS						
4076-16 BAS						

CARPENTER'S RASPS

- For work in wooden joinery.



REF.	€	quantity	g	A mm	B mm	l
4101-6 BAS.	14,79	453805	12	59	150	15
4101-6 ENT.	14,80	454000	12	59	150	15
4101-6 FIN.	15,74	454208	12	59	150	14
4101-8 BAS.	16,46	454406	12	119	200	19,5
4101-8 ENT.	17,32	454604	12	119	200	19,5
4101-8 FIN.	21,05	454802	12	119	200	19,5
4101-10 BAS.	19,41	455007	12	229	250	24
4101-10 ENT.	22,47	455205	12	229	250	24
4101-10 FIN.	26,57	455403	12	229	250	24
4101-12 BAS.	23,22	455601	6	375	300	28,5
4101-12 ENT.	26,24	455809	6	375	300	28,5
4101-12 FIN.	30,84	456004	6	375	300	28,5

Half-round file.



REF.	€	quantity	g	A mm	B mm	l
4102-6 ENT.	14,85	456400	12	59	150	19
4102-8 BAS.	16,14	457001	12	59	150	19
4102-8 ENT.	17,49	457209	12	121	200	24
4102-10 BAS.	19,41	457803	12	210	250	29
4102-10 ENT.	21,12	458008	12	210	250	29

Half-round file.



REF.	€	quantity	g	A mm	B mm	l
4103-8 ENT.	17,84	459708	12	154	200	20



REF.	€	quantity	g	A mm	B mm	l
4104-6 BAS.	7,75	461008	12	29	150	6
4104-6 ENT.	8,61	461206	12	29	150	6
4104-8 ENT.	11,54	462005	12	71	200	8
4104-10 BAS.	13,00	462609	12	71	200	8
4104-10 ENT.	14,33	462807	12	143	250	10

Round file.



REF.	€	quantity	g	A mm	B mm	l
4101-6 BAS. MB	16,82	136487	6	107	150	15
4101-6 ENT. MB	16,70	137583	6	107	150	15
4101-8 BAS. MB	18,95	137637	6	177	200	19,5
4101-8 ENT. MB	20,01	137699	6	177	200	19,5
4101-10 BAS MB	21,56	137767	6	290	250	24
4101-10 ENT MB	23,66	137835	6	290	250	24

Half-round file.



REF.	€	quantity	g	A mm	B mm	l
4102-6 BAS. MB	17,03	138023	6	123	150	19
4102-6 ENT. MB	16,82	138085	6	123	150	19
4102-8 BAS. MB	18,70	138146	6	192	200	24
4102-8 ENT. MB	20,68	138214	6	192	200	24
4102-10 BAS MB	21,32	138276	6	300	250	29
4102-10 ENT MB	22,92	138337	6	300	250	29

Half-round file.



REF.	€	quantity	g	A mm	B mm	l
4103-8 ENT. MB	19,98	086133	6	237	200	20



REF.	€	quantity	g	A mm	B mm	l
4104-6 BAS. MB	10,29	138436	6	75	150	6
4104-6 ENT. MB	10,87	138498	6	75	150	6
4104-8 ENT. MB	13,50	138610	6	138	200	8
4104-10 BAS MB	15,04	138658	6	200	250	10
4104-10 ENT MB	16,31	138702	6	200	250	10

Round file.

SURFACE FORMING FILES AND DRYWALL HAND SANDER

Surface forming file:

- Toughened carbon blue steel blade: long life.
- Very resistant metal body.
- 4,6 mm blade edge pass: rapid and fine finish.

Uses:

- For grinding or adjusting the cut on drywall.

Drywall sander:

- ABS rubber base for a better fit to the surface to be polished.
- With abrasive paper: fast and good finishing.
- Handle designed to match the use and the user: very ergonomic.
- Quick change clamp.
- Light and strong.

Uses:

- Smoothing joints.



► SURFACE FORMING FILE 4007-140

REF.	€	quantity	g	A mm	B mm
4107-140	12,78	561340	6	168	140

Pack with 2 units.



► BLADE FOR SURFACE FORMING FILE H4107-140

REF.	€	quantity	g	A mm	B mm
H4107-140	6,31	563573	10	50	42



► SURFACE FORMING FILE 4107-260

REF.	€	quantity	g	A mm	B mm
4107-260	21,98	561364	6	375	260

Pack with 2 units.

REF.	€	quantity	g	A mm	B mm
H4107-260	7,22	563603	10	80	42



► DRYWALL HAND SANDER 50272

REF.	€	quantity	g	A mm	B mm
50272	13,02	564624	2	340	230



► SANDERS FOR DRYWALL SANDER 50273

REF.	€	quantity	g	A mm	B mm
50273	9,98	565195	5	100	280