



LIMAS, ESCOFINAS, BOTADORES Y GRANETES / FILES, RASPS & PUNCHES / LIMES, RAPES, POINTEAUX ET CHASSES GOUPILLES / FEILEN, RASPELN, DURCHSCHLÄGER UND KÖRNER / LIMA, RASPE E PUNZONI / LIMAS, GROSAS E PUNÇÕES / НАПИЛЬНИКИ, РАШПИЛИ, МЕТЧИКИ

La gama completa de limas y escofinas super-profesionales EGA Master ofrece soluciones a todas las necesidades de acabado.

EGA Master super-professional file and rasp range offers solutions to all finishing needs.

La gamme complète de limes et de râpes super professionnelles EGA Master donne une solution à tous les problèmes.

		Debaste Roughing Bâtarde	Limado medio Medium filing Demi-douce	Afilado o limado fino Sharpening or smooth filing Douce
Picado sencillo Single cut Une taille			● ●	● ●
Picado doble Double cut Doble coupe	Basto Bastard Bâtard	● ●	●	
	Entrefino Medium Demi douce		● ●	●
	Fino Smooth Douce		● ●	● ●
Escofina Rasp Râpe		● ●		



1. Acero alto en cromo y carbono.
High chrome and carbon steel.
Acier en haute teneur en chrome et carbone.

2. Templados hasta los 65HRC.
Tempered up to 65HRC.
Trempe jusqu'à 65HRC.

3. Mango Bi-componente ergonómico y antideslizante BIMAT® de gran atractivo.

Highly attractive BIMAT® ergonomic and anti-slippery handle.
Manche bi-matière, ergonomique et anti-dérapant très attrayant.

4. Protección antioxidante.
Rust-proof treatment.
Protection anti-oxydation.

		Fundición Casting Fonte	Acero sin templar Non Templed alloy Acier	Acero de alta aleación High Alloy steel Alliage d'acier	Latón bronce Brass Bronze Laiton bronze	Aluminio Aluminium Aluminium	Madera, Plásticos... Wood, plastic... Bois, plastique...
Picado sencillo Single cut Une taille			● ●	● ●			
Picado doble Double cut Doble coupe	Basto Bastard Bâtard	● ●	● ●	●	● ●	● ●	●
	Entrefino Medium Demi douce	● ●	● ●	● ●	● ●	● ●	
	Fino Smooth Douce	●	● ●	● ●	●		
Escofina Rasp Râpe							● ●

● Acceptable / Acceptable / Acceptable

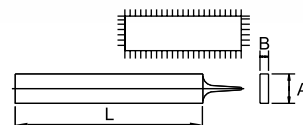
● ● Adecuado / Appropriate / Idéal

LIMAS PLANAS PARALELAS / HAND FILES / LIMES PLATES PARALLELES / FLACHSTUMPF / LIMA PIATTA PARALLELA / LIMAS PARALELAS / РУЧНЫЕ НАПИЛЬНИКИ

COD	L	mm/cm		A	B	gr.	
63491	4"	1	14	85	12	2,5	45
63492		2	22				
63493		3	28				
63494	6"	1	11	114	16	4,0	90
63495		2	18				
63496		3	22				
63497	8"	1	10	135	20	5,0	200
63498		2	16				
63499		3	20				
63500	10"	1	9	114	35	6,0	310
63501		2	12				
63502		3	18				
63503	12"	1	8	135	30	6,5	410
63504		2	11				
63505		3	16				
63506	14"	1	7	135	35	7,5	650
63507		2	10				
63508		3	14				



ISO 234/1
ISO 234/2



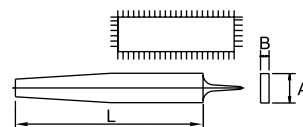
Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Ángulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

LIMAS PLANAS DE PUNTA / FLAT FILES / LIMES PLATES DE BOUT / FLACHSPITZ / LIMA PIATTA A PUNTA / LIMAS CHATAS / ПЛОСКИЕ НАПИЛЬНИКИ

COD	L	mm/cm		A	B	gr.	
63527	4"	1	14	85	12	2,5	40
63528		2	22				
63529		3	28				
63530	6"	1	11	114	16	4,0	80
63531		2	18				
63532		3	22				
63533	8"	1	10	135	20	5,0	180
63534		2	16				
63535		3	20				
63536	10"	1	9	114	35	6,0	270
63537		2	12				
63538		3	18				
63539	12"	1	8	135	30	6,5	370
63540		2	11				
63541		3	16				
63542	14"	1	7	135	35	7,5	600
63543		2	10				
63544		3	14				



ISO 234/1
ISO 234/2



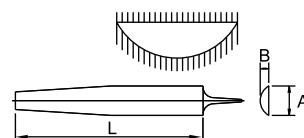
Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Ángulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

LIMAS MEDIA CAÑA / HALF ROUND FILES / LIMES DEMI-RONDES / HALBRUND-FEILEN, SPITZE FORM / LIMA MEZZATONDA / LIMAS MEIA CANA / ПОЛУКРУГЛЫЕ НАПИЛЬНИКИ

COD	L	mm/cm		A	B	gr.	
63563	4"	1	14	85	10,5	3,0	24
63564		2	22				
63565		3	28				
63566	6"	1	11	114	16	4,5	70
63567		2	18				
63568		3	22				
63569	8"	1	10	135	20	6,0	150
63570		2	16				
63571		3	20				
63572	10"	1	9	114	25	7,0	260
63573		2	12				
63574		3	18				
63575	12"	1	8	135	30	8,5	370
63576		2	11				
63577		3	16				
63578	14"	1	7,0	135	35	10	650
63579		2	10				
63580		3	14				



ISO 234/1
ISO 234/2



Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Ángulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

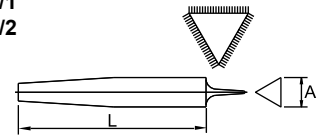
- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Bastardo / ГРУБЫЕ
- 2 Entrefina/Medium/Demi douce/Halbschlicht/Media /Meio murço/ СРЕДНИЕ
- 3 Fina / Smooth / Douce / Schlicht / Fine / Murço / МЕЛКИЕ

LIMAS TRIANGULARES / TRIANGULAR FILES / LIMES TRIANGULAIRES / DREIKANTFEILEN / LIMA TRIANGOLARE / LIMATÕES TRIANGULARES / ТРЕУГОЛЬНЫЕ НАПИЛЬНИКИ

COD	L	MM/cm			A	gr.	
63599	4"	1	14	85	8,0	27	5
63600		2	22				
63601		3	28				
63602	6"	1	11	114	11	70	
63603		2	18				
63604		3	22				
63605	8"	1	10	114	15	150	
63606		2	16				
63607		3	20				
63608	10"	1	9	135	17	205	
63609		2	12				
63610		3	18				
63611	12"	1	8,0	135	20	340	
63612		2	11				
63613		3	16				
63614	14"	1	7	135	24	600	
63615		2	10				
63616		3	14				



ISO 234/1
ISO 234/2



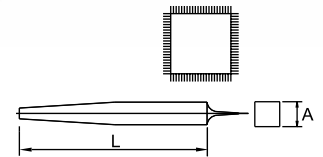
Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Angulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

LIMAS CUADRADAS / SQUARE FILES / LIMES CARREES / VIERKANTFEILEN / LIMA QUADRA / LIMATÕES QUADRADOS / КВАДРАТНЫЕ НАПИЛЬНИКИ

COD	L	MM/cm			A	gr.	
63635	4"	1	14	85	4,0	18	5
63636		2	22				
63637		3	28				
63638	6"	1	11	114	6,0	36	
63639		2	18				
63640		3	22				
63641	8"	1	10	114	8,0	95	
63642		2	16				
63643		3	20				
63644	10"	1	9	135	10	130	
63645		2	12				
63646		3	18				
63647	12"	1	8	135	12	390	
63648		2	11				
63649		3	16				
63650	14"	1	7	135	15	550	
63651		2	10				
63652		3	14				



ISO 234/1
ISO 234/2



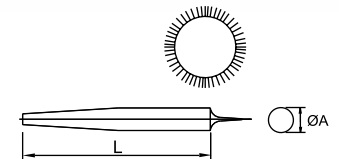
Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Angulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

LIMAS REDONDAS / ROUND FILES / LIMES RONDES / RUNDFEILEN / LIMA TONDA / LIMATÕES REDONDOS / КРУГЛЫЕ НАПИЛЬНИКИ

COD	L	MM/cm			A	gr.	
63671	4"	1	13	85	4,0	13	5
63672		2	16				
63673		3	19				
63674	6"	1	11	114	6,0	34	
63675		2	14				
63676		3	17				
63677	8"	1	10	114	7,5	75	
63678		2	13				
63679		3	16				
63680	10"	1	9	135	9,5	150	
63681		2	12				
63682		3	15				
63683	12"	1	8	135	12	270	
63684		2	11				
63685		3	14				
63686	14"	1	7	135	15	550	
63687		2	10				
63688		3	13				



ISO 234/1
ISO 234/2



Tolerancia en corte según la norma / Cutting tolerance according to / Tolérance de coupe conforme à la norme: ISO 234/2 (+/- 8%)
 Angulo de corte según la norma / Angle cut according to / Angle de coupe conforme à la norme: ISO 234/2 (65° +/- 5%)

- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Bastardo / ГРУБЫЕ
- 2 Entrefina/Medium/Demi douce/Halbschlicht/Media /Meio murço/ СРЕДНИЕ
- 3 Fina / Smooth / Douce / Schlicht / Fine / Murço / МЕЛКИЕ

JUEGOS / SETS

JUEGO DE 5 LIMAS DE 10" BASTA / 10" BASTARD FILE SET 5 PCS / JEU DE 5 LIMES BASTARDES 10" / SET BASTARD FEILEN 5 STÜCK / KIT 5 LIME BASTARDE 10" / JOGO DE 5 LIMAS DE 10" BASTARDAS / 10" ГРУБЫЕ НАПИЛЬНИКИ НАБОР ИЗ 5 ШТ

COD	←L→	Composición / Composition	
63760	10"	63536	Lima plana punta basta Bastard flat file
		63572	Lima media caña basta Bastard half round file
		63608	Lima triangular basta Bastard triangular file
		63644	Lima cuadrada basta Bastard square file
		63680	Lima redonda basta Bastard round file



JUEGO DE 5 LIMAS DE 10" ENTREFINA / 10" MEDIUM FILE SET 5 PCS / JEU DE 5 LIMES DEMI-DOUCES 10" / SET MEDIUM FEILEN 5 STÜCK / KIT 5 LIME EXTRA FINE 10" / JOGO DE 5 LIMAS 10" MEIO MURÇO / 10" СРЕДНИЕ НАПИЛЬНИКИ НАБОР ИЗ 5 ШТ

COD	←L→	Composición / Composition	
63762	10"	63537	Lima plana punta entrefina Medium flat file
		63573	Lima media caña entrefina Medium half round file
		63609	Lima triangular entrefina Medium triangular file
		63645	Lima cuadrada entrefina Medium square file
		63681	Lima redonda entrefina Medium round file



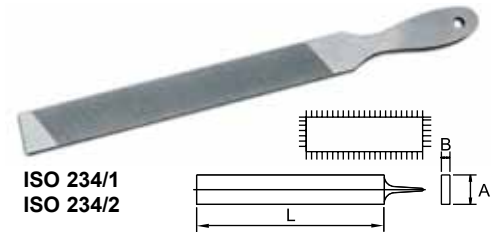
JUEGO DE 5 LIMAS DE 10" FINA / 10" SMOOTH FILE SET 5 PCS / JEU DE 5 LIMES DOUCES 10" / SET SCHLICHT FEILEN 5 STÜCK / KIT 5 LIME FINE 10" / JOGO DE 5 LIMAS 10" MURÇO / 10" МЕЛКИЕ НАПИЛЬНИКИ НАБОР ИЗ 5 ШТ

COD	←L→	Composición / Composition	
63767	10"	63538	Lima plana punta fina Smooth flat file
		63574	Lima media caña fina Smooth half round file
		63610	Lima triangular fina Smooth triangular file
		63646	Lima cuadrada fina Smooth square file
		63682	Lima redonda fina Smooth round file



LIMA PLANA / FARMER'S OWN / LIME PLATE / FLACHFEILEN / LIMA PIATTA / LIMA PLANA / ФЕРМЕРСКИЙ НАПИЛЬНИК

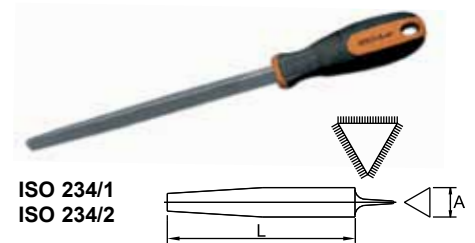
COD	L	mm/z	mm/cm	A	B	gr.	
63689	8"	2	16	25	5,0	230	10



LIMAS AFILADO / SHARPENING FILES / LIMES AIGUILLES / PRÄZISIONSNADELFEILEN DÜNN / LIMA AFFILATA / LIMAS DE AFIAR, DE AGRICULTOR / ЗАТАЧИВАЮЩИЕ НАПИЛЬНИКИ

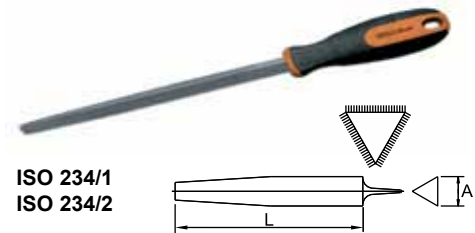
LIMA TRIANGULAR DELGADA / SLIM TAPER SAW / LIME TRIANGULAIRE ETROITE / PRÄZISIONSNADELFEILEN DÜNN / LIMA TRIANGOLARE / LIMAS TRIANGULARES FINAS / ТРЕУГОЛЬНЫЙ НАПИЛЬНИК

COD	L		A	gr.	
63692	4"		4,5	10	5
63693	5"	4	85	6,0	25



LIMA TRIANGULAR EXTRA-DELGADA / EXTRA REGULAR TAPER SAW / LIME EXTRA FINE / DREIKANTFEILEN / LIMA TRIANGOLARE EXTRA-SOTTILE / LIMAS TRIANGULARES EXTRA-FINAS / МЕЛКИЙ ТРЕУГОЛЬНЫЙ НАПИЛЬНИК

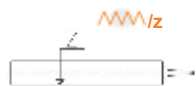
COD	L		A	gr.	
63696	4"		4,0	10	5
63697	5"	4	85	5,0	20



ESCOFINAS / RASPS / RAPES / SCHABER / RASPA / GROSAS / РАШПИЛИ

ESCOFINAS PLANAS PARALELAS / HAND WOOD RASPS / RAPES PLATES PARALLELES / FLACH RAPS / RASPA PIATTA PARALLELA / GROSAS PARALELAS / РУЧНЫЕ РАШПИЛИ ПО ДЕРЕВУ

COD	L	mm/z	mm/cm	A	B	gr.			
63700	10"	10	3	115	24	7,0	125	5	1
63701	12"			135	28	8,0	220		



ESCOFINAS REDONDAS / ROUND RASPS / RAPES RONDES / RUNDE RAPS / RASPA TONDA / GROSAS REDONDAS / КРУГЛЫЕ РАШПИЛИ

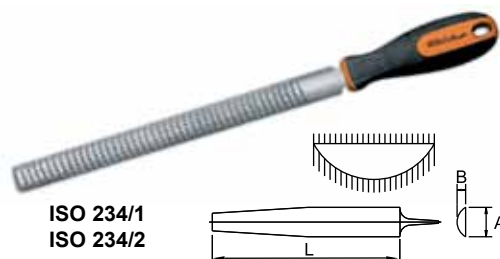
COD	L	mm/z	mm/cm	A	gr.	
63712	8"	10	3	114	9,5	60
63713	10"				11	125



- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Bastardo / ГРУБЫЕ
- 2 Entrefina / Medium / Demi douce / Halbschlicht / Media / Meio murço / СРЕДНИЕ
- 3 Fina / Smooth / Douce / Schlicht / Fine / Murço / МЕЛКИЕ
- 4 Extrafina / Very smooth / Extrafine / Doppelschlicht / Extrafine / Muito murço / ОЧЕНЬ МЕЛКИЙ

ESCOFINAS MEDIA CAÑA / HALF ROUND RASPS / RAPES DEMI-ROND / HALBRUND RAPS / RASPA MEZZOTANDA / GROSAS MEIA CANA / ПОЛУКРУГЛЫЙ РАШПИЛЬ

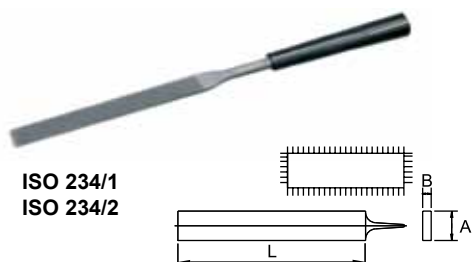
COD	L	mm/z	mm/cm	A	B	gr.	
63706	6"	10	3	85	16	4,0	80
63707	8"			114	20	5,5	140
63708	10"			135	24	7,0	240
63709	12"			135	28	8,0	370



LIMAS DE AGUJA / NEEDLE FILES / LIMES AIGUILLES / NADELFEILEN / LIMA A PUNTA / LIMAS DE CALADO / НАДФИЛИ

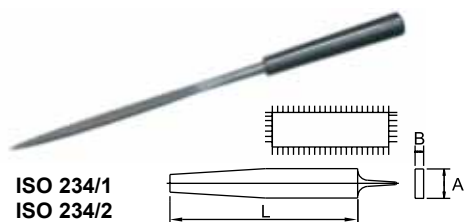
LIMAS PLANAS PARALELAS / HAND FILES / LIMES PLATES PARALLELES / FLACHSTUMPF / LIMA PIATTA PARALLELA / LIMAS PARALELAS / РУЧНОЙ НАДФИЛЬ

COD	L	mm/cm	A	B	gr.			
63714	6"	2	25	16	3,3	70	24	1



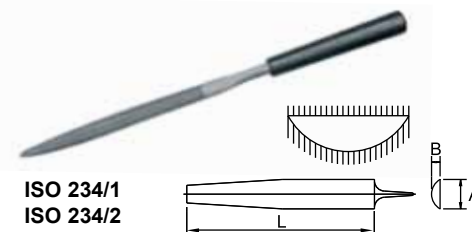
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COD	L	mm/cm	A	B	gr.			
63715	6"	2	25	16	3,3	65	24	1



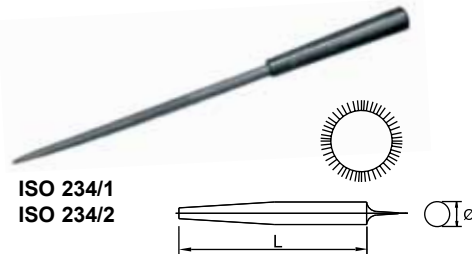
LIMAS MEDIA CAÑA / HALF ROUND FILES / LIMES DEMI-RONDES / HALBRUND-FEILEN / LIMA MEZZATONDA / LIMAS MEIA CANA / ПОЛУКРУГЛЫЙ НАДФИЛЬ

COD	L	mm/cm	A	B	gr.			
63716	6"	2	25	16	4,2	65	24	1



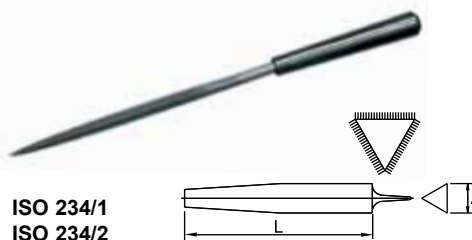
LIMAS REDONDAS / ROUND FILES / LIMES RONDES / RUNDFEILEN / LIMA TONDA / LIMATÕES REDONDOS / КРУГЛЫЙ НАДФИЛЬ

COD	L	mm/cm	A	gr.			
63717	6"	2	25	5,5	30	24	1



LIMAS TRIANGULARES / TRIANGULAR FILES / LIMES TRIANGULAIRES / DREIKANTFEILEN / LIMA TRIANGOLARE / LIMAS TRIANGULARES / ТРЕУГОЛЬНЫЙ НАДФИЛЬ

COD	L	mm/cm	A	gr.			
63718	6"	2	25	11	60	24	1

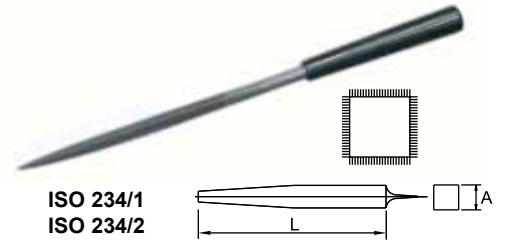


- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Bastardo / ГРУБЫЕ
- 2 Entrefina / Medium / Demi douce / Halbschlicht / Media / Meio murço / СРЕДНИЕ
- 3 Fina / Smooth / Douce / Schlicht / Fine / Murço / МЕЛКИЕ

LIMAS, ESCOFINAS, BOTADORES Y GRANETES / FILES, RASPS & PUNCHES / LIMES, RAPES, POINTEAUX ET CHASSES GOUPILLES / FEILEN, RASPELN, DURCHSCHLÄGER UND KÖRNER / LIMA, RASPE E PUNZONI / LIMAS, GROSAS E PUNÇÕES / НАПИЛЬНИКИ, РАШПИЛИ, МЕТЧИКИ

LIMAS CUADRADAS / SQUARE FILES / LIMES CARRÉES / VIERKANTFEILEN / LIMA QUADRA / LIMATÕES QUADRADOS / КВАДРАТНЫЙ НАДФИЛЬ

COD				A			
63719	6"	2	25	5,0	35	24	1



SET

COD	
63768	63714
	63715
	63716
	63717
	63718
	63719

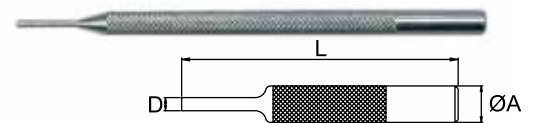


BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSES GOUPILLES / DURCHSCHLÄGER / PUNZONE CILINDRICO / PUNÇÕES CILÍNDRICOS / ПРОБОЙНИКИ

MOLETEADOS / KNURLED / MOLETAGE / GERÄNDELT / ZIGRINATO / RECARTILHADOS / С НАСЕЧКОЙ

COD	D	L	A		
63380	2mm	125	8	40	25
63381	3mm			41	
63382	4mm			43	
63383	5mm		10	65	
63384	6mm			90	
63385	8mm			125	
63386	10mm	14	125		

Cr-V DIN 6450



SET

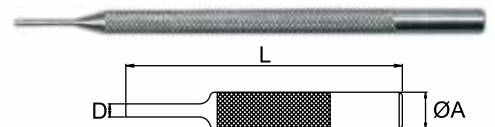
COD	D
68590	63380
	63381
	63382
	63383
	63384
	63385
	63386



MOLETEADOS LARGOS / LONG KNURLED / LONG MOLETAGE / LANG GERÄNDELT / ZIGRINATO LARGO / RECARTILHADOS LONGOS / ДЛИННЫЕ С НАСЕЧКОЙ

COD	D	L	A		
63387	2mm	150	8	49	25
63388	3mm			50	
63389	4mm			55	
63390	5mm		10	75	
63391	6mm			80	
63392	8mm			115	
63393	10mm	14	160		

Cr-V DIN 6450



SET

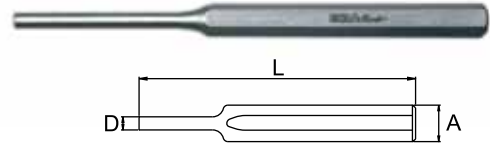
COD	D
68591	63387
	63388
	63389
	63390
	63391
	63392
	63393



HEXAGONALES / HEXAGONAL / A SIX PANS / HEXAGONAL / ESAGONALI / HEXAGONAIS / ШЕСТИГРАННАЯ

COD	D	L	A	gr.	
63394	2mm	150	8,0	28	25
63395	3mm			40	
63396	4mm			42	
63397	5mm		10	65	
63398	6mm			70	
63399	8mm			90	
63400	10mm			95	

Cr-V DIN 6450



SET

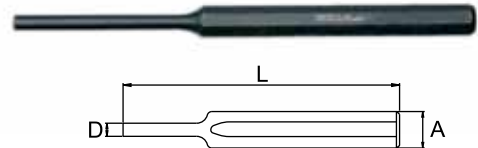
COD	D	
63763	63394	2,0mm
	63395	3,0mm
	63396	4,0mm
	63397	5,0mm
	63398	6,0mm
	63399	8,0mm
	63400	10mm



OCTOGONAL / OCTOGONAL / ОКТОГОНАЛ / ОСТОГОНАЛ / ОТТАГОНАЛЕ / ОСТОГОНАИС / ВОСЬМИГРАННЫЕ

COD	D	L	A	gr.	
63401	2mm	150	10	65	25
63402	3mm				
63403	4mm				
63404	5mm		12	70	
63405	6mm			105	
63406	8mm			120	
63407	10mm				

Cr-V DIN 6450



SET

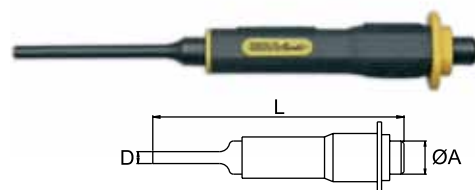
COD	D	
68592	63401	2,0mm
	63402	3,0mm
	63403	4,0mm
	63404	5,0mm
	63405	6,0mm
	63406	8,0mm
	63407	10mm



CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / COM CABO / С РУКОЯТКОЙ



COD	D	L	A	gr.	
63447	2mm	165	8	65	10
63448	3mm	175			
63449	4mm	185	10	100	
63450	5mm	200		110	
63451	6mm		150		
63452	7mm		210	160	
63453	8mm	170			
63454	9mm	220	14	230	
63455	10mm		240		
63456	12mm	230	16	330	
63457	14mm	240	18	430	
63458	16mm	250		500	

Cr-V DIN 6450



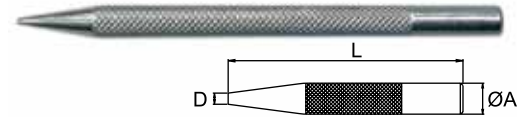
BOTADORES CÓNICOS / TAPER PUNCHES / CHASSE CLOU / KÖRNER / PUNZONE CONICO / PUNÇÕES CÓNICOS / КОНИЧЕСКИЕ ПРОБОЙНИКИ

MOLETEADOS / KNURLED / MOLETAGE / GERÄNDEL / ZIGRINATO / RECARTILHADOS / С НАСЕЧКОЙ



COD	D	L	A		
63408	2mm	125	8	44	25
63409	3mm			45	
63410	4mm			47	
63411	5mm	125	10	70	
63412	6mm			100	
63413	8mm			120	
63414	10mm			130	

SET **Cr-V DIN 6458**

COD	D	
68593	63408	2,0mm
	63409	3,0mm
	63410	4,0mm
	63411	5,0mm
	63412	6,0mm
	63413	8,0mm
	63414	10mm



HEXAGONALES / HEXAGONAL / A SIX PANS / HEXAGONAL / ESAGONALI / HEXAGONAIS / ШЕСТИГРАННАЯ



COD	D	L	A		
63415	2mm	125	10	60	25
63416	3mm			65	
63417	4mm			70	
63418	5mm	150	12	110	
63419	6mm			120	
63420	8mm			120	
63421	10mm			120	

SET **Cr-V DIN 6458**

COD	D	
63764	63415	2,0mm
	63416	3,0mm
	63417	4,0mm
	63418	5,0mm
	63419	6,0mm
	63420	8,0mm
	63421	10mm

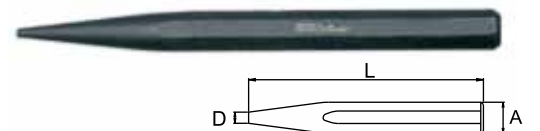


OCTOGONAL / OCTOGONAL / OKTOGONAL / OCTOGONAL / OTTAGONALE / OCTOGONAIS / ВОСЬМИГРАННЫЕ



COD	D	L	A		
63422	2mm	120	10	60	25
63423	3mm			65	
63424	4mm			75	
63425	5mm	150	12	80	
63426	6mm			120	
63427	8mm			135	
63428	10mm			135	

SET **Cr-V DIN 6458**

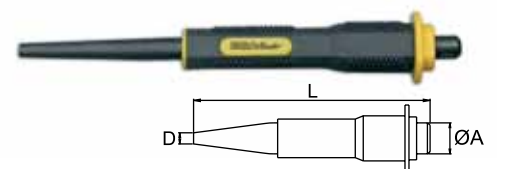
COD	D	
68594	63422	2,0mm
	63423	3,0mm
	63424	4,0mm
	63425	5,0mm
	63426	6,0mm
	63427	8,0mm
	63428	10mm



CON MANGO / WITH HANDLE / CHASSE CLOU EMMENCHÉ / MIT GRIFF / CON MANICO / COM CABO / С РУКОЯТКОЙ



COD	D	L	A		
63459	2mm	165	8	75	10
63460	3mm	175		80	
63461	4mm	185		110	
63462	5mm	185	10	115	
63463	6mm			120	
63464	8mm			170	
63465	10mm			200	

SET **Cr-V DIN 6458**



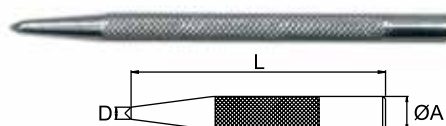
GRANETES / CENTER PUNCHES / POINTEAUX / KÖRNER / PUNZONI / PUNÇÕES / МЕТЧИКИ

MOLETEADOS / KNURLED / MOLETAGE / GERÄNDELT / ZIGRINATO / RECARTILHADOS / С НАСЕЧКОЙ



COD	D	L	A		
63429	2,5mm	125	8	42	25
63430	3mm			43	
63431	4mm			45	
63432	6mm			70	
63433	8mm			100	
63434	10mm			130	

SET Cr-V DIN 7250

COD	D
68595	2,5mm
	3,0mm
	4,0mm
	6,0mm
	8,0mm
	10mm

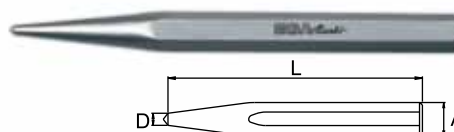


HEXAGONALES / HEXAGONAL / A SIX PANS / HEXAGONAL / ESAGONALI / HEXAGONAIS / ШЕСТИГРАННАЯ



COD	D	L	A		
63435	2,5mm	100	8	35	25
63436	3mm			40	
63437	4mm			70	
63438	6mm			120	
63439	8mm			150	
63440	10mm			130	

SET Cr-V DIN 7250

COD	D
63765	2,5mm
	3,0mm
	4,0mm
	6,0mm
	8,0mm
	10mm



OCTOGONAL / OCTOGONAL / OKTOGONAL / OČTOGONAL / OTTAGONALE / OČTOGONAIS / ВОСЬМИГРАННЫЕ



COD	D	L	A		
63441	2,5mm	120	10	60	25
63442	3mm			65	
63443	4mm			95	
63444	6mm			105	
63445	8mm				
63446	10mm				

SET Cr-V DIN 7250

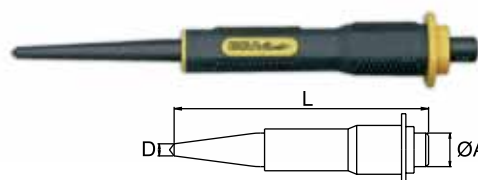
COD	D
68596	2,5mm
	3,0mm
	4,0mm
	6,0mm
	8,0mm
	10mm



CON MANGO / WITH HANDLE / POINTEAU EMMENCHÉ / MIT GRIFF / CON MANICO / COM CABO / С РУКОЯТКОЙ

COD	D	L	A		
63466	2mm	165	8	75	10
63467	3mm			115	
63468	4mm			120	
63469	5mm	175	10	165	
63470	6mm				
63471	8mm				

SET Cr-V DIN 7250



SETS

CINCELES, BOTADORES Y GRANETES / CHISELS AND PUNCHES / BURINS, CHASSE-GOUPILLES, CHASSE-CLOUS / MEISSEL UND DURCHSCHLÄGE / SCALPELLI E PUNZONI / ESCOPROS, SACA-TROÇOS E PUNÇÕES / ДОЛЮТА И ПРОБЙНИКИ

COD	Composición / Composition	gr.
69953	62847 Cincel mecánico / Cold chisel: 12x11x100mm	700
	62848 Cincel mecánico / Cold chisel: 15x14x125mm	
	63398 Botador cilíndrico / Pin punch: 6x10x150mm	
	63396 Botador cilíndrico / Pin punch: 4x8x150mm	
	63416 Botador cónico / Taper punch: 3x10x125mm	
	63436 Granete / Center punch: 3x8x100mm	



COD	Composición / Composition	gr.
69954	62847 Cincel mecánico / Cold chisel: 12x11x100mm	700
	62848 Cincel mecánico / Cold chisel: 15x14x125mm	
	62871 Buril plano / Crosscut chisel: 5x14x125mm	
	63396 Botador cilíndrico / Pin punch: 4x8x150mm	
	63416 Botador cónico / Taper punch: 3x10x125mm	
	63436 Granete / Center punch: 3x8x100mm	

BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSE GOUPILLES / RUNDURCHSCHLÄGER / PUNZONE CILINDRICO / PUNÇÕES CILÍNDRICOS / ПРОБЙНИКИ

COD		Composición / Composition	gr.	
A	B		A	B
69957	69958	63394 2x8x100mm	500	700
		63395 3x8x150mm		
		63396 4x8x150mm		
		63397 5x10x150mm		
		63398 6x10x150mm		
		63399 8x12x150mm		



SETS

BOTADORES Y GRANETES / PUNCHES / POINTEAUX / DURCHSCHLÄGE / PUNZONI / SACA-TROÇOS E PUNÇÕES / ПРОБЙНИКИ

COD		Composición / Composition	gr.	
A	B		A	B
69955	69956	63415 Botador cónico / Taper punch: 2x10x125mm	700	750
		63416 Botador cónico / Taper punch: 3x10x125mm		
		63417 Botador cónico / Taper punch: 4x10x125mm		
		63418 Botador cónico / Taper punch: 5x10x125mm		
		63419 Botador cónico / Taper punch: 6x10x125mm		
		63437 Granete / Center punch: 4x8x115mm		



COD	Composición / Composition	Uds	Kg.
55565	63415 Botador cónico / Taper punch: 2x10x125mm	5	4
	63416 Botador cónico / Taper punch: 3x10x125mm		
	63417 Botador cónico / Taper punch: 4x10x125mm		
	63418 Botador cónico / Taper punch: 5x10x125mm		
	63419 Botador cónico / Taper punch: 6x10x125mm		
	63438 Granete / Center punch: 6x10x125mm		
	63439 Granete / Center punch: 8x12x150mm		
	63394 Botador cilíndrico / Pin punch: 2x8x100mm		
	63395 Botador cilíndrico / Pin punch: 3x8x150mm		
	63396 Botador cilíndrico / Pin punch: 4x8x150mm		
	63397 Botador cilíndrico / Pin punch: 5x10x150mm		
	63398 Botador cilíndrico / Pin punch: 6x10x150mm		

