



*LIMAS, ESCOFINAS, BOTADORES Y GRANETES / FILES, RASPS & PUNCHES
LIMES, RAPES, POINTEAUX ET CHASSES GOUPILLES / FEILEN, RASPELN,
DURCHSCHLÄGER UND KÖRNER / LIMA, RASPE E PUNZONI / VIJLEN, RASPEN
EN DOORSLAGEN / LIMAS, GROSAS E PUNÇÕES*

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.

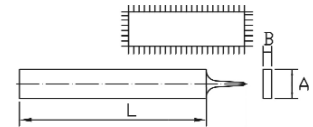
		Fundición Casting Fonte	Acero sin templar Non Tempered alloy Acier	Acero de alta aleación High Alloy steel Alliage d'acier	Latón bronce Brass Bronze Laiton bronze	Aluminio Aluminium Aluminium	Madera, Plásticos... Wood, plastic... Bois, plastique...
Picado sencillo Single cut Une taille			● ●	● ●			
Picado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

● Aceptable / Acceptable / Acceptable

● ● Adecuado / Appropriate / Idéal

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

COD	L	MM/cm			A	B	gr.			
63473	4"	1	14	81820	12	2,5	40	12		
63474		2	22							
63475		3	28							
63476	6"	1	11	81820	16	4	82		12	
63477		2	18							
63478		3	22							
63479	8"	1	10	81880	20	5	184			6
63480		2	16							
63481		3	20							
63482	10"	1	9	81880	25	6	284	6		
63483		2	12							
63484		3	18							
63485	12"	1	8	81885	30	6,5	398		6	
63486		2	11							
63487		3	16							
63488	14"	1	7	81885	35	7,5	620			6
63489		2	10							
63490		3	14							

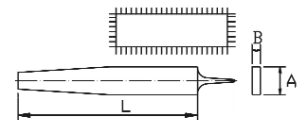


COD	L	MM/cm			A	B	gr.			
63491	4"	1	14	85	12	2,5	45	12		
63492		2	22							
63493		3	28							
63494	6"	1	11	114	16	4	89		12	
63495		2	18							
63496		3	22							
63497	8"	1	10	114	20	5	200			6
63498		2	16							
63499		3	20							
63500	10"	1	9	135	25	6	312	6		
63501		2	12							
63502		3	18							
63503	12"	1	8	135	30	6,5	415		6	
63504		2	11							
63505		3	16							
63506	14"	1	7	135	35	7,5	642			6
63507		2	10							
63508		3	14							



LIMAS PLANAS DE PUNTA / FLAT FILES / LIMES PLATES DE BOUT / FLACHSPITZ / LIMA PIATTA A PUNTA / VLAKKE VIJLEN
LIMAS CHATAS

COD	L	MM/cm			A	B	gr.			
63509	4"	1	14	81820	12	2,5	36	12		
63510		2	22							
63511		3	28							
63512	6"	1	11	81820	16	4	72		12	
63513		2	18							
63514		3	22							
63515	8"	1	10	81880	20	5	164			6
63516		2	16							
63517		3	20							
63518	10"	1	9	81880	25	6	254	6		
63519		2	12							
63520		3	18							
63521	12"	1	8	81885	30	6,5	358		6	
63522		2	11							
63523		3	16							
63524	14"	1	7	81885	35	7,5	560			6
63525		2	10							
63526		3	14							



COD	L	MM/cm			A	B	gr.			
63527	4"	1	14	85	12	2,5	40	12		
63528		2	22							
63529		3	28							
63530	6"	1	11	114	16	4	79		12	
63531		2	18							
63532		3	22							
63533	8"	1	10	114	20	5	180			6
63534		2	16							
63535		3	20							
63536	10"	1	9	135	25	6	270	6		
63537		2	12							
63538		3	18							
63539	12"	1	8	135	30	6,5	375		6	
63540		2	11							
63541		3	16							
63542	14"	1	7	135	35	7,5	582			6
63543		2	10							
63544		3	14							



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

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

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

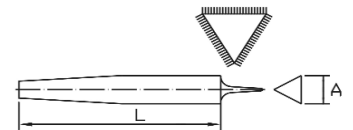
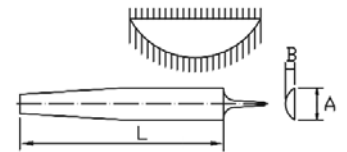
COD	L	MM/cm		A	B	gr.	
63545	4"	1	14	81820	10,5	3	19
63546		2	22				
63547		3	28				
63548	6"	1	11	81820	16	4,5	66
63549		2	18				
63550		3	22				
63551	8"	1	10	81880	20	6	138
63552		2	16				
63553		3	20				
63554	10"	1	9	81881	25	7	242
63555		2	12				
63556		3	18				
63557	12"	1	8	81885	30	8,5	348
63558		2	11				
63559		3	16				
63560	14"	1	7	81885	35	10	630
63561		2	10				
63562		3	14				

COD	L	MM/cm		A	B	gr.	
63563	4"	1	14	85	10,5	3	24
63564		2	22				
63565		3	28				
63566	6"	1	11	114	16	4,5	72
63567		2	18				
63568		3	22				
63569	8"	1	10	114	20	6	150
63570		2	16				
63571		3	20				
63572	10"	1	9	135	25	7	265
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	135	35	10	654
63579		2	10				
63580		3	14				

LIMAS TRIANGULARES / TRIANGULAR FILES / LIMES TRIANGULAIRES / DREIKANTFEILEN / LIMA TRIANGOLARE / DRIEHOEK VIJLEN / LIMATÕES TRIANGULARES

COD	L	MM/cm		A	gr.	
63581	4"	1	14	81820	8	22
63582		2	22			
63583		3	28			
63584	6"	1	11	81820	11	64
63585		2	18			
63586		3	22			
63587	8"	1	10	81880	15	140
63588		2	16			
63589		3	20			
63590	10"	1	9	81881	17,5	202
63591		2	12			
63592		3	18			
63593	12"	1	8	81885	20	324
63594		2	11			
63595		3	16			
63596	14"	1	7	81885	24	605
63597		2	10			
63598		3	14			

COD	L	MM/cm		A	gr.	
63599	4"	1	14	85	8	27
63600		2	22			
63601		3	28			
63602	6"	1	11	114	11	71
63603		2	18			
63604		3	22			
63605	8"	1	10	114	15	152
63606		2	16			
63607		3	20			
63608	10"	1	9	135	17,5	204
63609		2	12			
63610		3	18			
63611	12"	1	8	135	20	344
63612		2	11			
63613		3	16			
63614	14"	1	7	135	24	625
63615		2	10			
63616		3	14			

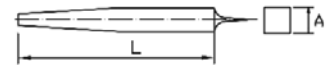


- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Grof / Bastardo
- 2 Entrefina / Medium / Demi douce / Halbschlicht / Media / Meio murço
- 3 Fina / Smooth / Douce / Schlicht / Fine / Zacht / Murço

LIMAS CUADRADAS / SQUARE FILES / LIMES CARREES / VIERKANTFEILEN / LIMA QUADRA / VIERKANT VIJLEN
LIMATÕES QUADRADOS

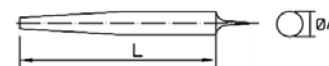
COD	L	MM/cm		A	gr	
63617		1	14			
63618	4"	2	22	81819	4	14
63619		3	28			
63620		1	11			
63621	6"	2	18	81819	6	32
63622		3	22			
63623		1	10			
63624	8"	2	16	81878	8	86
63625		3	20			
63626		1	9			
63627	10"	2	12	81878	10	120
63628		3	18			
63629		1	8			
63630	12"	2	11	81938	12	272
63631		3	16			
63632		1	7			
63633	14"	2	10	81938	15	545
63634		3	14			

COD	L	MM/cm		A	gr	
63635		1	14			
63636	4"	2	22		4	18
63637		3	28	85		
63638		1	11			
63639	6"	2	18		6	36
63640		3	22			
63641		1	10			
63642	8"	2	16	114	8	96
63643		3	20			
63644		1	9			
63645	10"	2	12		10	130
63646		3	18			
63647		1	8			
63648	12"	2	11	135	12	392
63649		3	16			
63650		1	7			
63651	14"	2	10		15	565
63652		3	14			



LIMAS REDONDAS / ROUND FILES / LIMES RONDAS / RUNDFEILEN / LIMA TONDA / RONDVIJLEN / LIMATÕES REDONDOS

COD	L	MM/cm		A	gr	
63653		1	13			
63654	4"	2	16	81819	4	9
63655		3	19			
63656		1	11			
63657	6"	2	14	81819	6	30
63658		3	17			
63659		1	10			
63660	8"	2	13	81879	7,5	68
63661		3	16			
63662		1	9			
63663	10"	2	12	81879	9,5	142
63664		3	15			
63665		1	8			
63666	12"	2	11	81938	12	245
63667		3	14			
63668		1	7			
63669	14"	2	10	81938	15	515
63670		3	13			



COD	L	MM/cm		A	gr	
63671		1	13			
63672	4"	2	16		4	13
63673		3	19	85		
63674		1	11			
63675	6"	2	14		6	34
63676		3	17			
63677		1	10			
63678	8"	2	13	114	7,5	76
63679		3	16			
63680		1	9			
63681	10"	2	12		9,5	152
63682		3	15			
63683		1	8			
63684	12"	2	11	135	12	268
63685		3	14			
63686		1	7			
63687	14"	2	10		15	535
63688		3	13			

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

JUEGOS / SETS

JUEGO DE 5 LIMAS DE 10" BASTA / 10" BASTARD FILE SET 5 PCS / JEU DE 5 LIMES BATARDES 10" / SET BASTARD PFEILEN 5 STUCK / KIT 5 LIME BASTARDE 10" / SET BASTAARD VIJLEN 5 STUKS / JOGO DE 5 LIMAS DE 10" BASTARDAS

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 PFEILEN 5 STUCK / KIT 5 LIME EXTRA FINE 10" / SET MEDIUM VIJLEN 5 STUKS / JOGO DE 5 LIMAS 10" MEIO MURÇO

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

NEW



JUEGO DE 5 LIMAS DE 10" FINA / 10" SMOOTH FILE SET 5 PCS / JEU DE 5 LIMES DOUCES 10" / SET SCHLICHT PFEILEN 5 STUCK / KIT 5 LIME FINE 10" / SET ZOETE VIJLEN 5 STUKS / JOGO DE 5 LIMAS 10" MURÇO

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 / HABILISFEILEN / LIMA PIATTA / VLAKKE VIJLEN / LIMA PLANA

COD	L	Wz/cm	A	B	gr.	12	
63689	8"	2	16	25	5	230	12



LIMAS AFILADO / SHARPENING FILES / LIMES AIGUILLES / SCHÄRFFEILEN LIMA AFFILATA / SCHERPVIJLEN / LIMAS DE AFIAR, DE AGRICULTOR

LIMA TRIANGULAR DELGADA / SLIM TAPER SAW / LIME TRIANGULAIRE ETROITE
PRÄZISIONNADELFEILEN DÜNN / LIMA TRIANGOLARE SOTTILE PRECISIE-VIJL SMAL
LIMAS TRIANGULARES FINAS

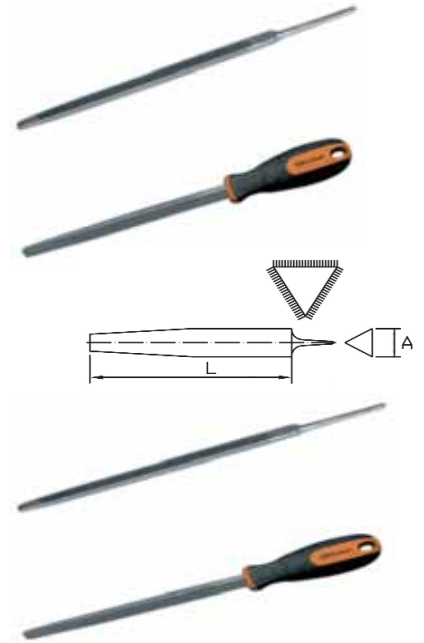
COD	L	Wz/cm	A	B	gr.	12
63690	4"	4	81819	4,5	7,5	12
63691	5"			6	17	

COD	L	Wz/cm	A	B	gr.	12
63692	4"	4	85	4,5	10	12
63693	5"			6	25	

LIMA TRIANGULAR EXTRA-DELGADA / EXTRA REGULAR TAPER SAW / LIME EXTRA FINE
DREIKANTFEILEN / LIMA TRIANGOLARE EXTRA-SOTTILE / PRECISIE-VIJL NORMAAL
LIMAS TRIANGULARES EXTRA-FINAS

COD	L	Wz/cm	A	B	gr.	12
63694	4"	4	81819	4	7	12
63695	5"			5	12	

COD	L	Wz/cm	A	B	gr.	12
63696	4"	4	85	4	10	12
63697	5"			5	20	

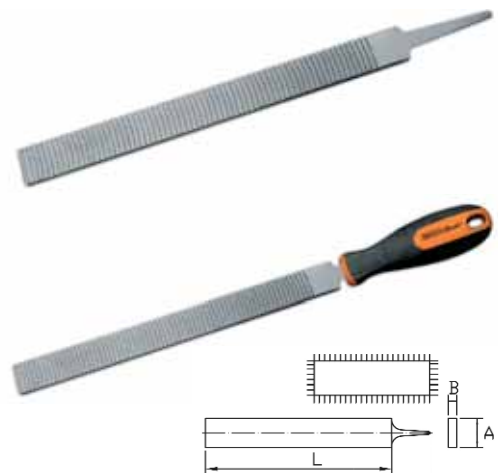


ESCOFINAS / RASPS / RAPES / SCHABER / RASPA / RASP / GROSAS

ESCOFINAS PLANAS PARALELAS / HAND WOOD RASPS / RAPES PLATES PARALLELES / HOLZSCHABER
RASPA PIATTA PARALLELA / HOUTRASP / GROSAS PARALELAS

COD	L	Wz	Wz/cm	A	B	gr.	6	1	
63698	10"	10	3	81881	23,7	6,7	125	6	1
63699	12"			81885	27,7	7,7	225		

COD	L	Wz	Wz/cm	A	B	gr.	6	1	
63700	10"	10	3	114	23,7	6,7	125	6	1
63701	12"			135	27,7	7,7	225		



- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Grof / Bastardo
- 2 Entrefina / Medium / Demi douce / Halbschlicht / Media / Meio murço
- 3 Fina / Smooth / Douce / Schlicht / Fine / Zacht / Murço
- 4 Extrafina / Very smooth / Extrafine / Doppelschlicht / Zeer zacht / Muito murço

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

ESCOFINAS MEDIA CAÑA / HALF ROUND RASPS / RAPES DEMI-ROND / HALBRUND SCHABER / RASPA MEZZOTANDA / HALFRONDE RASP / GROSAS MEIA CANA

COD	L	z	cm	A	B	gr	mm	mm	
63702	6"	10	3	81820	16	4	80	6	1
63703	8"			81880	19,7	5,2	137,5		
63704	10"			81881	23,7	6,7	237,5		
63705	12"			81885	27,7	7,7	375		

COD	L	z	cm	A	B	gr	mm	mm	
63706	6"	10	3	85	16	4	80	6	1
63707	8"			114	19,7	5,2	137,5		
63708	10"			114	23,7	6,7	237,5		
63709	12"			135	27,7	7,7	375		



ESCOFINAS REDONDAS / ROUND RASPS / RAPES RONDES / RUNDSCHABER / RASPA TONDA / RONDE RASP / GROSAS REDONDAS

COD	L	z	cm	A	B	gr	mm	mm
63710	8"	10	3	81879	9,5	61	6	1
63711	10"			81879	11,5	124		

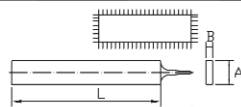
COD	L	z	cm	A	B	gr	mm	mm
63712	8"	10	3	114	9,5	61	6	1
63713	10"			114	11,5	124		



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

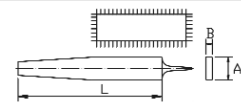
LIMAS PLANAS PARALELAS / HAND FILES / LIMES PLATES PARALLELES / FLACHSTUMPF / LIMA PIATTA PARALLELA / HANDVIJLEN LIMAS PARALELAS

COD	L	z	cm	A	B	gr	mm	mm
63714	6"	2	13	15,7	3,3	70	12	1



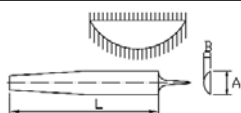
LIMAS PLANAS DE PUNTA / FLAT FILES / LIMES PLATES DE BOUT / FLACHSTUMPF / LIMA PIATTA A PUNTA / VLAKKE VIJLEN LIMAS CHATAS

COD	L	z	cm	A	B	gr	mm	mm
63715	6"	2	13	15,7	3,3	67,5	12	1



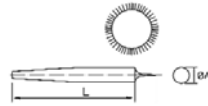
LIMAS MEDIA CAÑA / HALF ROUND FILES / LIMES DEMI-RONDES / HALBRUND-FEILEN / LIMA MEZZATONDA / HALFRONDE VIJLEN LIMAS MEIA CANA

COD	L	z	cm	A	B	gr	mm	mm
63716	6"	2	16	15,7	4,2	66	12	1



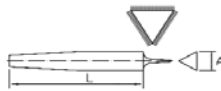
LIMAS REDONDAS / ROUND FILES / LIMES RONDES / RUNDFEILEN / LIMA TONDA / RONDVIJLEN / LIMATÕES REDONDOS

COD	L	W/cm	A	gr		
63717	6"	2	14	5,5	30	12



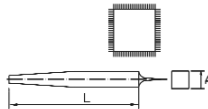
LIMAS TRIANGULARES / TRIANGULAR FILES / LIMES TRIANGULAIRES / DREIKANTFEILEN / LIMA TRIANGOLARE / DRIEHOEK VIJLEN
LIMAS TRIANGULARES

COD	L	W/cm	A	gr		
63718	6"	2	20	10,8	59	12



LIMAS CUADRADAS / SQUARE FILES / LIMES CARREES / VIERKANTFEILEN / LIMA QUADRA / VIERKANT VIJLEN
LIMATÕES QUADRADOS

COD	L	W/cm	A	gr		
63719	6"	2	16	5,2	34	12



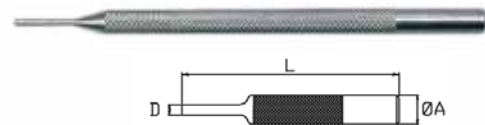
- 1 Basta / Bastard / Batarde / Bastard / Bastarda / Grof / Bastardo
- 2 Entrefina / Medium / Demi douce / Halbschlicht / Media / Meio murço
- 3 Fina / Smooth / Douce / Schlicht / Fine / Zacht / Murço

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

CILINDRICOS Y MOLETEADOS / CYLINDRICAL AND KNURLED / CYLINDRIQUE ET MOLETE / ZYLINDERFÖRMIG UND GERÄNDLT
CILINDRICO E ZIGRINATO / CYLINDRISCH EN GEKARTELD / CILINDRICOS E RECARILHADOS

COD	D	L	A	gr	
63380	2mm	125	8	40	10
63381	3mm			41	
63382	4mm			43	
63383	5mm		10	63	
63384	6mm			65	
63385	8mm			91	
63386	10mm			123	

Cr-V DIN 6450



CILINDRICOS Y MOLETEADOS LARGOS / LONG CILINDRICAL AND KNURLED / CYLINDRIQUE LONGUE ET MOLETE
LANG ZYLINDERFÖRMIG UND GERÄNDLT / CILINDRICO E ZINGRINATO LARGO / LANG CYLINDRISCH EN GEKARTELD
CILINDRICOS E RECARILHADOS LONGOS



COD	D	L	A	gr	
63387	2mm	150	8	49	10
63388	3mm			50	
63389	4mm			54	
63390	5mm		10	77	
63391	6mm			79	
63392	8mm			116	
63393	10mm			158	

Cr-V DIN 6450

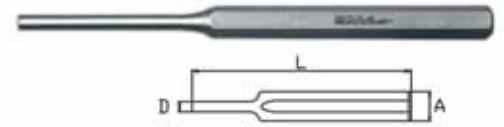


LIMAS, ESCOFINAS, BOTADORES Y GRANETES / FILES, RASPS & PUNCHES / LIMES, RAPES, POINTEAUX ET CHASSES GOUPILLES / FEILEN, RASPELN, DURCHSCHLÄGER UND KÖRNER LIMA, RASPE E PUNZONI / VIJLEN, RASPEN EN DOORSLAGEN / LIMAS, GROSAS E PUNÇÕES

HEXAGONALES / HEXAGONAL / A SIX PANS / SECHSKANT / ESAGONALI / ZESKANT / HEXAGONAIS

COD	D	L	A		
63394	2mm	100	8	28	10
63395	3mm			40	
63396	4mm	150	10	42	
63397	5mm			64	
63398	6mm			67	
63399	8mm	12	12	92	
63400	10mm			94	

DIN 6450





SET

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



NEW



OCTOGONAL / OCTOGONAL / OKTOGONAL / OCTOGONAL / OTTAGONALE / OCTOGONAAL / OCTOGONAIS

COD	D	L	A		
63401	2mm	150	10	63	10
63402	3mm			64	
63403	4mm			65	
63404	5mm			67	
63405	6mm	12	12	71	
63406	8mm			106	
63407	10mm			120	

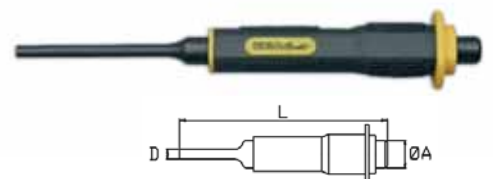
Cr-V DIN 6450



CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / MET HANDGREEP / COM CABO



COD	D	L	A		
63447	2mm	165	8	64	10
63448	3mm	175	8	66	
63449	4mm	185	10	100	
63450	5mm	200		108	
63451	6mm		210	12	
63452	7mm	158			
63453	8mm	170			
63454	9mm	220	14	228	
63455	10mm			238	
63456	12mm	230	16	328	
63457	14mm	240	18	428	
63458	16mm	250		492	

Cr-V DIN 6450

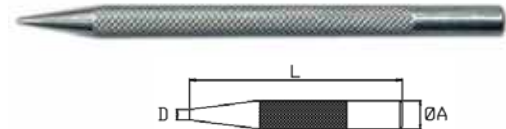


BOTADORES CONICOS / TAPER PUNCHES / CHASSE GOUPILLE / KÖRNER / PUNZONE CONICO CENTERPONS / PUNÇÕES CÔNICOS



CONICOS Y MOLETEADOS / CONICAL AND KNURLED / CONIQUE ET MOLETE / KONISCH UND GERÄNDELT / CONICO E ZIGRINATO CONISCH EN GEKARTELD / CONICOS E RECARILHADOS

COD	D	L	A		
63408	2mm	125	8	44	10
63409	3mm			45	
63410	4mm			47	
63411	5mm	10	12	68	
63412	6mm			69	
63413	8mm			99	
63414	10mm			130	

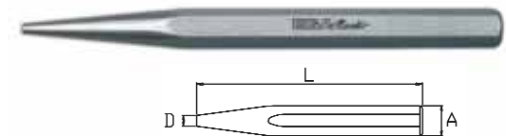
Cr-V DIN 6458



HEXAGONALES / HEXAGONAL / A SIX PANS / SECHSKANT / ESAGONALI / ZESKANT / HEXAGONAIS

COD	D	L	A		
63415	2mm	125	10	62	10
63416	3mm			63	
63417	4mm			64	
63418	5mm	150	12	66	
63419	6mm			69	
63420	8mm			110	
63421	10mm			122	

DIN 6458





SET

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



NEW



OCTOGONAL / OCTOGONAL / OCTOGONAL / OKTOGONAL / OTTAGONALE / OCTOGONAAL / OCTOGONAIS

COD	D	L	A		
63422	2mm	120	10	62	10
63423	3mm			63	
63424	4mm			77	
63425	5mm	150	12	78	
63426	6mm			80	
63427	8mm			118	
63428	10mm			133	

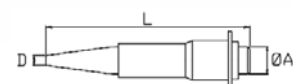
Cr-V DIN 6458



CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / MET HANDGREEP / COM CABO



COD	D	L	A		
63459	2mm	165	8	74	10
63460	3mm	175		78	
63461	4mm	185		112	
63462	5mm		116		
63463	6mm		118		
63464	8mm		168		
63465	10mm	198	12		

Cr-V DIN 6458

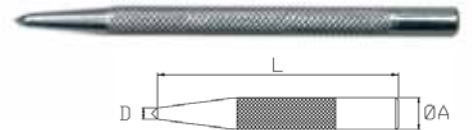


GRANETES / CENTER PUNCHES / POINTEAUX / KÖRNER / PUNZONI DOORSLAGEN / PUNÇÕES



CILINDRICOS Y MOLETEADOS / CYLINDRICAL AND KNURLED / CYLINDRIQUE ET MOLETE / ZYLINDERFÖRMIG UND GERÄNDLT CILINDRICO E ZIGRINATO / CYLINDRISCH EN GEKARTELD / BICO CILINDRICOS E RECARILHADOS

COD	D	L	A		
63429	2,5mm	125	8	42	10
63430	3mm			43	
63431	4mm		45		
63432	6mm		10	68	
63433	8mm		12	98	
63434	10mm		14	129	

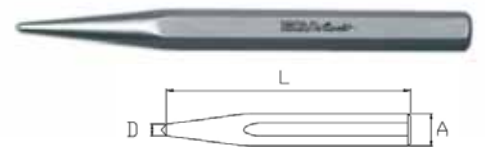
Cr-V DIN 7250



HEXAGONALES / HEXAGONALS / A SIX PANS / SECHSKANT / ESAGONALI / ZESKANT / HEXAGONAIS

COD	D	L	A		
63435	2,5mm	100	8	35	10
63436	3mm			40	
63437	4mm	115	10	69	
63438	6mm	125	12	118	
63439	8mm	150		130	
63440	10mm	160			

DIN 7250





SET

COD	D	
63765	63435	2,5mm
	63436	3mm
	63437	4mm
	63438	6mm
	63439	8mm
	63440	10mm



NEW



OCTOGONAL / OCTOGONAL / OCTOGONAL / OKTOGONAL / OTTAGONALE / OCTOGONAAL / OCTOGONAIS

COD	D	L	A		
63441	2,5mm	120	10	62	10
63442	3mm			63	
63443	4mm		65		
63444	6mm		94		
63445	8mm		12	106	
63446	10mm				

Cr-V DIN 7250



CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / MET HANDGRIEP / COM CABO

COD	D	L	A		
63466	2mm	165	8	74	10
63467	3mm			76	
63468	4mm	175	10	114	
63469	5mm			116	
63470	6mm			118	
63471	8mm			185	

Cr-V DIN 7250



SETS

CINCELES, BOTADORES Y GRANETES / CHISELS AND PUNCHES / BURINS, CHASSE-GOUPILLES ET POINTEAUX / MEIß EL UND DURCHSCHLÄGE / SCALPELLI E PUNZONI / BEITELS EN DOORSLAGERS / ESCOPROS, SACA-TROÇOS E PUNÇÕES



COD	Composición / Composition	gr.
A- 69953	Cinzel mecánico / Cold chisel: 15x12x150 & 11x10x130mm Butil plano / Crosscut chisel: 5x10x150mm Granete / Center punch: 3x10x120mm	675
B- 69954	Botador cilíndrico / Pin punch: 4x10x130mm Botador cónico / Taper punch: 3x10x120mm	700

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



COD	Composición / Composition	gr.
69957	2,5x10x150 mm 3,5x10x150 mm 4,5x10x150 mm 6x10x150 mm 8x12x150 mm 10x12x150 mm	525

SETS

BOTADORES CILÍNDRICOS / PIN PUNCHES / CHASSE GOUPILLES / DURCHSCHLÄGER / PUNZONE CILINDRICO / PENDRIJVERS PUNÇÕES CILÍNDRICOS



COD

Composición / Composition



69958	3x150 mm 4x150 mm 5x150 mm 6x150 mm 7x150 mm 8x150 mm	725
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BOTADORES Y GRANETES / PUNCHES / CHASSE-GOUPILLES ET POINTEAUX / DURCHSCHLÄGE / PUNZONI / DOORSLAG SACA-TROÇOS E PUNÇÕES



COD

Composición / Composition



A - 69955	Botador cónico / Taper punch: 1x120mm Botador cónico / Taper punch: 2x120mm Botador cónico / Taper punch: 3x120mm	725
B - 69956	Botador cónico / Taper punch: 4x120mm Botador cónico / Taper punch: 5x120mm Granete / Center punch: 4x120 mm	750