



Numerário/abecedário pancada NORMAL (010/011)

- Suitable for the marking of material with a strength of 600-800 N/mm2
- Manufactured from bright drawn tool steel in silky-dulled design
- Type of characters acc. to DIN 1451 (middle)
- Hardness at the engraving: 58–61 HRC
- Without grinded sides at the engraving (no visible edge)
- Each punch is marked with: character, size of character, „Made in Germany“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

0 1 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
0 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	Number set	Letter set	
0 2 0 0 0	2 mm	6 x 6 x 65 mm	150 g	500 g
0 3 0 0 0	3 mm	6 x 6 x 65 mm	150 g	500 g
0 4 0 0 0	4 mm	7 x 7 x 65 mm	210 g	650 g
0 5 0 0 0	5 mm	8 x 8 x 65 mm	300 g	850 g
0 6 0 0 0	6 mm	9 x 9 x 75 mm	420 g	1250 g
0 7 0 0 0	7 mm	11 x 11 x 76 mm	650 g	1950 g
0 8 0 0 0	8 mm	11 x 11 x 76 mm	650 g	1950 g
1 0 0 0 0	10 mm	12 x 12 x 80 mm	820 g	2450 g



Abecedário pancada ALFABETO ALFA-OMEGA (106)

- All letters of the Greek alphabet (24 pcs.)
- Suitable for the marking of material with a strength of 600–800 N/mm2
- Manufactured from bright drawn tool steel in silky-dulled design
- Hardness at the engraving: 58–61 HRC
- Each punch is marked with: character, size of character, „Made in Germany“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 0 6	Capital Letters A-Ω	24 pcs.	Standard Engraving / Impression Readable
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Size of character	Dimensions	Number set	Letter set
0 2 0 0 0	2 mm	6 x 6 x 65 mm	430 g
0 3 0 0 0	3 mm	6 x 6 x 65 mm	430 g
0 4 0 0 0	4 mm	7 x 7 x 65 mm	580 g
0 5 0 0 0	5 mm	8 x 8 x 65 mm	760 g
0 6 0 0 0	6 mm	9 x 9 x 75 mm	1100 g
0 7 0 0 0	7 mm	11 x 11 x 76 mm	1700 g
0 8 0 0 0	8 mm	11 x 11 x 76 mm	1700 g
1 0 0 0 0	10 mm	12 x 12 x 80 mm	2150 g
1 2 0 0 0	12 mm	14 x 14 x 80 mm	2900 g



Numer/abeced NORMAL (100/101/102) e INVERTIDO (103/104)

- Suitable for the marking of material with a strength of 600-800 N/mm2
- Manufactured from bright drawn tool steel in silky-dulled design
- Type of characters acc. to DIN 1451
- Hardness at the engraving: 58–61 HRC
- Grinded sides at the engraving (visible edge)
- Each punch is marked with: character, size of character, „Made in Germany“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 0 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
1 0 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable
1 0 2	Lower Case Letters a-z + . (Full-Stop)	27 pcs.	Standard Engraving / Impression Readable
1 0 3	Number Punch Set 0-9	9 pcs.	Reverse Engraving / Impression Mirror-Inverted
1 0 4	Capital Letters A-Z + &-Symbol	27 pcs.	Reverse Engraving / Impression Mirror-Inverted

Size of character	Dimensions	Number set	Letter set	
0 1 0 0 0	1 mm	6 x 6 x 65 mm	150 g	500 g
0 1 5 0 0	1,5 mm	6 x 6 x 65 mm	150 g	500 g
0 2 0 0 0	2 mm	6 x 6 x 65 mm	150 g	500 g
0 2 5 0 0	2,5 mm	6 x 6 x 65 mm	150 g	500 g
0 3 0 0 0	3 mm	6 x 6 x 65 mm	150 g	500 g
0 4 0 0 0	4 mm	7 x 7 x 65 mm	200 g	600 g
0 5 0 0 0	5 mm	8 x 8 x 65 mm	300 g	800 g
0 6 0 0 0	6 mm	9 x 9 x 75 mm	400 g	1200 g
0 7 0 0 0	7 mm	11 x 11 x 76 mm	600 g	1850 g
0 8 0 0 0	8 mm	11 x 11 x 76 mm	600 g	1850 g
0 9 0 0 0	9 mm	12 x 12 x 80 mm	800 g ¹	2300 g ²
1 0 0 0 0	10 mm	12 x 12 x 80 mm	800 g	2300 g
1 1 0 0 0	11 mm	14 x 14 x 80 mm	1100 g ¹	3100 g ²
1 2 0 0 0	12 mm	14 x 14 x 80 mm	1100 g	3100 g
1 4 0 0 0	14 mm	16 x 16 x 85 mm	1500 g ¹	4300 g ²
1 5 0 0 0	15 mm	16 x 16 x 85 mm	1500 g	4300 g



Numer/Abeced ESPECIAIS (120/121/122) e invertidas(123/124)

- Hardened and tempered stamping heads for highest demands
- Manufactured acc. to DIN 7353
- Type of characters acc. to DIN 1451 (narrow)
- Hardness at the engraving: 58–61 HRC
- Grinded sides at the engraving (visible edge)
- Each punch is marked with: character, size of character, „SCHLAGKOPFVERGUTET“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 2 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
1 2 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable
1 2 2	Lower Case Letters a-z + . (Full-Stop)	27 pcs.	Standard Engraving / Impression Readable
1 2 3	Number Punch Set 0-9	9 pcs.	Reverse Engraving / Impression Mirror-Inverted
1 2 4	Capital Letters A-Z + &-Symbol	27 pcs.	Reverse Engraving / Impression Mirror-Inverted

Size of character	Dimensions	Number set	Letter set	
0 1 0 0 0	1 mm	7 x 7 x 75 mm	250 g	750 g
0 1 5 0 0	1,5 mm	7 x 7 x 75 mm	250 g	750 g
0 2 0 0 0	2 mm	7 x 7 x 75 mm	250 g	750 g
0 2 5 0 0	2,5 mm	7 x 7 x 75 mm	250 g	750 g
0 3 0 0 0	3 mm	8 x 8 x 75 mm	300 g	1000 g
0 4 0 0 0	4 mm	9 x 9 x 80 mm	450 g	1300 g
0 5 0 0 0	5 mm	10 x 10 x 80 mm	550 g	1600 g
0 6 0 0 0	6 mm	12 x 12 x 85 mm	800 g	2400 g
0 7 0 0 0	7 mm	14 x 14 x 90 mm	1200 g	3500 g
0 8 0 0 0	8 mm	14 x 14 x 90 mm	1200 g	3500 g
1 0 0 0 0	10 mm	16 x 16 x 90 mm	1500 g	4500 g
1 2 0 0 0	12 mm	18 x 18 x 100 mm	2200 g	6400 g
1 5 0 0 0	15 mm	18 x 18 x 100 mm	2200 g	6400 g



Numerário/abecedário pancada LOW STRESS (140/141)

- LOW-STRESS engraving
- No damage or slot punching effect (acc. to ASME-Standard)
- Manufactured from bright drawn tool steel in silky-dulled design
- Type of characters acc. to DIN 1451 (middle)
- Hardness at the engraving: 58–61 HRC
- Each punch is marked with: character, size of character, „SCHLAGKOPFVERGUTET“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 4 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
1 4 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	Number set	Letter set	
0 2 0 0 0	2 mm	7 x 7 x 75 mm	250 g	750 g
0 3 0 0 0	3 mm	8 x 8 x 75 mm	300 g	1000 g
0 4 0 0 0	4 mm	9 x 9 x 80 mm	450 g	1300 g
0 5 0 0 0	5 mm	10 x 10 x 80 mm	550 g	1600 g
0 6 0 0 0	6 mm	12 x 12 x 85 mm	800 g	2400 g
0 8 0 0 0	8 mm	14 x 14 x 90 mm	1200 g	3500 g
1 0 0 0 0	10 mm	16 x 16 x 90 mm	1500 g	4500 g
1 2 0 0 0	12 mm	18 x 18 x 100 mm	2200 g	6400 g



Sharp engraving Low-stress engraving

Numerário/abecedário pancada DOT STRESS (143/144)

- LOW-STRESS DOT-STYLE Engraving
- No damage or slot punching effect (acc. to ASME-Standard)
- Manufactured from bright drawn tool steel in silky-dulled design
- Type of characters acc. to DIN 1451 (middle)
- Hardness at the engraving: 58–61 HRC
- Each punch is marked with: character, size of character, „SCHLAGKOPFVERGUTET“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 4 3	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
1 4 4	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	Number set	Letter set	
0 2 0 0 0	2 mm	7 x 7 x 75 mm	250 g	750 g
0 3 0 0 0	3 mm	8 x 8 x 75 mm	300 g	1000 g
0 4 0 0 0	4 mm	9 x 9 x 80 mm	450 g	1300 g
0 5 0 0 0	5 mm	10 x 10 x 80 mm	550 g	1600 g
0 6 0 0 0	6 mm	12 x 12 x 85 mm	800 g	2400 g
0 8 0 0 0	8 mm	14 x 14 x 90 mm	1200 g	3500 g
1 0 0 0 0	10 mm	16 x 16 x 90 mm	1500 g	4500 g
1 2 0 0 0	12 mm	18 x 18 x 100 mm	2200 g	6400 g



Sharp engraving Low-stress engraving DOT

Numerário/abecedário pancada **EXTRA/EXTRA (110/111)**

- Suitable for the marking of material with a strength of 1200 N/mm²
- Especially recommended for the marking of stainless steel / Protection against contamination with steel parts by nickel-plated surface
- Type of characters acc. to DIN 1451
- Hardness at the engraving: 58–61 HRC
- Grinded sides at the engraving (visible edge)
- Each punch is marked with: character, size of character, „Made in Germany“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

1 1 0 0 0 0 0 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
1 1 1 1 1 1 1 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	# number set	# letter set	
0 2 0 0 0 0	2 mm	7 x 7 x 75 mm	250 g	750 g
0 3 0 0 0 0	3 mm	8 x 8 x 75 mm	300 g	1000 g
0 4 0 0 0 0	4 mm	9 x 9 x 80 mm	450 g	1300 g
0 5 0 0 0 0	5 mm	10 x 10 x 80 mm	550 g	1600 g
0 6 0 0 0 0	6 mm	12 x 12 x 85 mm	800 g	2400 g
0 7 0 0 0 0	7 mm	14 x 14 x 90 mm	1200 g	3500 g
0 8 0 0 0 0	8 mm	14 x 14 x 90 mm	1200 g	3500 g
0 1 0 0 0 0	10 mm	16 x 16 x 90 mm	1500 g	4500 g
0 1 2 0 0 0	12 mm	18 x 18 x 100 mm	2200 g	6400 g
0 1 5 0 0 0	15 mm	18 x 18 x 100 mm	2200 g	6400 g



Numerário/abecedário pancada **ENORMES (300/301)**

- Oversized steel hand stamp sets as serial product
- CNC engraving for highest precision
- Manufactured from bright drawn tool steel in silky-dulled design
- Type of characters acc. to DIN 1451 (narrow)
- Hardness at the engraving: 58–61 HRC
- No marks on the shank
- Packed in strong unbreakable blue plastic boxes

3 0 0 0 0 0 0 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
3 0 1 1 1 1 1 1	Capital Letters A-Z + &-Symbol	27 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	# number set	# letter set	
1 8 0 0 0 0	18 mm	15 x 25 x 100 mm	2500 g	7300 g
2 0 0 0 0 0	20 mm	15 x 25 x 100 mm	2500 g	7300 g
2 5 0 0 0 0	25 mm	15 x 30 x 100 mm	3300 g	9500 g



Numerário/abecedário pancada **EXTREME (330/331)**

- Manufactured from special high-performance tool steel 1.2842 (90 Mn Cr V 8)
- Extraordinary toughness and stability
- CNC engraving for highest precision
- Sandblasted in silky-dulled design
- Type of characters acc. to DIN 1451
- Hardness at the engraving: 58–61 HRC
- Each punch is marked with: character, size of character, „Made in Germany“ and the international eye protection symbol
- Packed in strong unbreakable blue plastic boxes

3 3 0 0 0 0 0 0	Number Punch Set 0-9	9 pcs.	Standard Engraving / Impression Readable
3 3 1 1 1 1 1 1	Capital Letters A-Z	26 pcs.	Standard Engraving / Impression Readable

Size of character	Dimensions	# number set	# letter	
0 2 0 0 0 0	2 mm	10 x 10 x 80 mm	600 g	1800 g
0 3 0 0 0 0	3 mm	10 x 10 x 80 mm	600 g	1800 g
0 4 0 0 0 0	4 mm	10 x 10 x 80 mm	600 g	1800 g
0 5 0 0 0 0	5 mm	12 x 12 x 85 mm	800 g	2400 g
0 6 0 0 0 0	6 mm	12 x 12 x 85 mm	800 g	2400 g
0 8 0 0 0 0	8 mm	15 x 15 x 90 mm	1300 g	3800 g
1 0 0 0 0 0	10 mm	16 x 16 x 95 mm	1600 g	4600 g
1 2 0 0 0 0	12 mm	20 x 20 x 105 mm	2800 g	8200 g



PUNÇÕES COMBINADOS 2/12mm – 1/10 dígitos (ref.150)

- CNC engraving for highest precision
- Combinations of numbers, letters and/or punctuation marks are possible
- Type of characters acc. to DIN 1451
- Hardness at the engraving: 58–61 HRC
- Grinded at all sides close to the engraving
- **Multiline Engraving**
- **Special Typefaces**
- **Reverse Engraving / Impression Mirror-Inverted**
- **Outline Engraving**
- **Flat Faced Engraving**
- **Engraving in a radius (concave / convex)**
- **LOW-STRESS Engraving**
- **LOW-STRESS DOT-STYLE Engraving**

Size of character	Width of Impression (mm)									
	1-digit	2-digit	3-digit	4-digit	5-digit	6-digit	7-digit	8-digit	9-digit	10-digit
2 mm	1,2	3,3	5,3	7,3	9,3	11,3	13,3	15,3	17,3	19,3
3 mm	1,5	5	8	11	14	17	20	23	26	29
4 mm	2	5,1	8,4	11,6	14,9	18,2	21,5	24,8	28,1	31,4
5 mm	2,5	6,3	10,3	14,3	18,3	22,3	26,3	30,3	34,3	38,3
6 mm	3	6	10	14	18	22,5	26	31	36	40
8 mm	3	8	13	18,5	24	30	34,5	41	47,5	52,5
10 mm	3,4	10	17	24	30	37,5	43	52	59,5	66



SIMBOLOS pancada (151)

- Quality and product specifications identical with multi-digit hand stamps
- Individual marking and identification

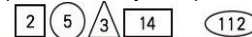
	1	2	3	4	5	6	7	8	9	10
A	+	⊗	⊕	☾	☽	⊙	⊚	⊛	⊜	⊝
B	⊞	⊟	⊠	⊡	⊢	⊣	⊤	⊥	⊦	⊧
C	⊨	⊩	⊪	⊫	⊬	⊭	⊮	⊯	⊰	⊱
D	♥	⊖	⊗	⊕	⊙	⊚	⊛	⊜	⊝	⊞
E	*	M	⊗	⊕	⊙	⊚	⊛	⊜	⊝	⊞
F	☆	⊖	⊗	⊕	⊙	⊚	⊛	⊜	⊝	⊞

Height of Impression	Dimensions	
1 5 1 0 2 0 0 0	2 mm	10 x 10 x 80 mm
1 5 1 0 3 0 0 0	3 mm	10 x 10 x 80 mm
1 5 1 0 4 0 0 0	4 mm	10 x 10 x 80 mm
1 5 1 0 5 0 0 0	5 mm	12 x 12 x 85 mm
1 5 1 0 6 0 0 0	6 mm	12 x 12 x 85 mm
1 5 1 0 7 0 0 0	7 mm	14 x 14 x 90 mm
1 5 1 0 8 0 0 0	8 mm	14 x 14 x 90 mm
1 5 1 1 0 0 0 0	10 mm	16 x 16 x 95 mm
1 5 1 1 2 0 0 0	12 mm	18 x 18 x 100 mm
1 5 1 1 5 0 0 0	15 mm	20 x 20 x 105 mm



SELOS para controlo da soldadura pancada (152)

- Quality and product specifications identical with multi-digit hand stamps
- For marking and signing of welding work for the purpose of traceability and control
- Individual combinations of letters and/or numbers with a border
- The border is engraved in round, oval, square, rectangular or triangular shape
- Size of character and impression acc. to your requirements



Size of character	Size of Border □ ○ △	Size of Border ○	
1 5 2 0 2 0 0 0 1	2 mm/1-digit	5 mm	8 x 5 mm
1 5 2 0 2 0 0 0 2	2 mm/2-digit	5 mm	8 x 5 mm
1 5 2 0 2 0 0 0 3	2 mm/3-digit	5 mm	8 x 5 mm
1 5 2 0 3 0 0 0 1	3 mm/1-digit	6-7 mm	12 x 6 mm
1 5 2 0 3 0 0 0 2	3 mm/2-digit	6-7 mm	12 x 6 mm
1 5 2 0 3 0 0 0 3	3 mm/3-digit	6-7 mm	12 x 6 mm
1 5 2 0 4 0 0 0 1	4 mm/1-digit	8 mm	12 x 8 mm
1 5 2 0 4 0 0 0 2	4 mm/2-digit	8 mm	12 x 8 mm
1 5 2 0 4 0 0 0 3	4 mm/3-digit	8 mm	12 x 8 mm
1 5 2 0 5 0 0 0 1	5 mm/1-digit	8-10 mm	15 x 10 mm
1 5 2 0 5 0 0 0 2	5 mm/2-digit	8-10 mm	15 x 10 mm
1 5 2 0 5 0 0 0 3	5 mm/3-digit	8-10 mm	15 x 10 mm
1 5 2 0 6 0 0 0 1	6 mm/1-digit	10-12 mm	18 x 12 mm
1 5 2 0 6 0 0 0 2	6 mm/2-digit	10-12 mm	18 x 12 mm
1 5 2 0 6 0 0 0 3	6 mm/3-digit	10-12 mm	18 x 12 mm
1 5 2 0 7 0 0 0 1	7 mm/1-digit	10-14 mm	20 x 15 mm
1 5 2 0 7 0 0 0 2	7 mm/2-digit	10-14 mm	20 x 15 mm
1 5 2 0 7 0 0 0 3	7 mm/3-digit	10-14 mm	20 x 15 mm
1 5 2 0 8 0 0 0 1	8 mm/1-digit	12-16 mm	20 x 15 mm
1 5 2 0 8 0 0 0 2	8 mm/2-digit	12-16 mm	20 x 15 mm
1 5 2 0 8 0 0 0 3	8 mm/3-digit	12-16 mm	20 x 15 mm
1 5 2 1 0 0 0 0 1	10 mm/1-digit	18-20 mm	25 x 15 mm
1 5 2 1 0 0 0 0 2	10 mm/2-digit	18-20 mm	25 x 15 mm
1 5 2 1 0 0 0 0 3	10 mm/3-digit	18-20 mm	25 x 15 mm



SIMBOLOS pancada **ESTRELA ASTERISCO (153)**

- Hand stamps for the limitation of serial numbers and other information on rating plates.
- 6-arms or 5-corners shape



Serial-No 153

SIMBOLOS pancada **CE e Terras (154)**

- Hand stamps with special symbols acc. to technical and international standards
- CE-logo, earthing symbol and the sign for protective earth
- Outline or flat engraving are possible on demand



Serial-No 154



PUNHOS de segurança PARA PUNÇÕES PANCADA (749)

- Allows a safe distance between the stamping head and the hand of the worker
- Avoids injuries by slipping of the stamping head or failures
- Simple plastic grip with holding device
- The fitted punch gets clamped by turning the setting wheel on the backside of the grip
- Suitable for all hand stamps with a max. cross section of 20 x 20mm



PUNHOS de segurança PARA PUNÇÕES PANCADA (750)

- Allows a safe distance between the stamping head and the hand of the worker
- Avoids injuries by slipping of the stamping head or failures
- Strong and durable metal construction for the heavy-duty industrial use
- Quick-change device with spring-locking
- Suitable for all hand stamps with a max. cross section of 20 x 20mm



PUNHOS MANUAIS PARA COMPOSIÇÃO DE PUNÇÕES PANCADA (160)

Type holders along with the associated type stamps in principle fulfil the same function as the multidigit hand stamps. Through the exchange of single numbers or letters, you can allow the marking of variable lettering and at the same time, the individual digits are accurately positioned. The fixing of the types within the holder takes place with the help of a grub screw or a locking pin. Type holders are available in different designs and can be equipped for the manual marking with the help of a hammer in the same way as for the integration in a press or a device.

- Body incl. handle milled from the solid
- Types are secured in place by means of a grub screw at the side of the holder
- Hardened supporting surface in the slot
- Tempered striking handle
- Nickel-plated version (rust-protected)
- Also available in multiline version



PUNHOS MANUAIS HEAVY DUTY PARA COMPOSIÇÃO DE PUNÇÕES PANCADA (162)

- Body incl. handle milled from the solid
- Exchangeable punching-cap
- Types are secured in place by means of a locking-pin inserted at the side of the holder
- Hardened supporting surface in the slot
- Nickel-plated version (rust-protected)



PUNHOS de MAQUINA para COMPOSIÇÃO DE PUNÇÕES PANCADA (168)

- For use in presses, machines or devices
- Incl. shank or threaded holes for the installation
- Types are secured in place by means of a grub screw at the side of the holder
- Hardened supporting surface in the slot
- Nickel-plated version (rust-protected)
- Also available in multiline version



PUNÇÕES PANCADA INTERMUTAVEIS (161)

- Manufactured from special high-performance tool steel
- Type of characters acc. to DIN 1451
- Hardness at the engraving: 58–61 HRC
- Dimensions acc. to Standard or European Norm
- Also available with nickel-plated surface (rust protected)
- Blank spacers can be supplied

Size of character	Standard Norm	European Norm
2 mm	2 x 4 x 15 mm	2 x 4 x 19 mm
3 mm	3 x 6 x 20 mm	3 x 6 x 19 mm
4 mm	3 x 6 x 20 mm	4 x 8 x 19 mm
5 mm	4 x 8 x 25 mm	5 x 8 x 19 mm
6 mm	4 x 8 x 25 mm	6 x 10 x 19 mm
8 mm	5 x 10 x 25 mm	8 x 12 x 19 mm
10 mm	6 x 12 x 30 mm	10 x 14 x 19 mm
12 mm	8 x 15 x 30 mm	-
15 mm	10 x 20 x 30 mm	-



PUNÇÕES PANCADA INTERMUTAVEIS COM GUIA DE ALINHAMENTO (163)

- Article group: **Type Holders & Type Stamps**
 Line of goods: **Steel Types With Guide Slot / Serial-No 163**
- For use in type-holder, heavy-duty version / serial-no. 163
 - Manufactured from special high-performance tool steel
 - Type of characters acc. to DIN 1451
 - Hardness at the engraving: 58–61 HRC
 - Also available with nickel-plated surface (rust protected)
 - Blank spacers can be supplied

Size of character	Standard Norm
2 mm	3 x 6 x 32 mm
3 mm	3 x 6 x 32 mm
4 mm	4 x 8 x 32 mm
5 mm	4 x 8 x 32 mm
6 mm	5 x 10 x 32 mm
8 mm	5 x 10 x 32 mm
10 mm	6 x 12 x 32 mm
12 mm	8 x 15 x 32 mm
15 mm	10 x 20 x 32 mm



JOGOS DE PUNÇÕES INTERMUTAVEIS MANUAIS DE PANCADA

For the different applications of multi-digit markings, our four sets offer universal basic equipment: Hand held type holder, interchangeable steel types and assembling tools are already contained in a strong practical storage and transport box. The number and sorting of the included digits, letters and punctuation marks are based on the decades of experience as well the internationally recognised standards. Of course additional or spare type stamps are available all the time.



JOGOS DE PUNÇÕES INTERMUTAVEIS MANUAIS DE PANCADA TIPO STANDARD NORMAL (164) C/50 PEÇAS

- Hand held type holder with hardened supporting surface in the slot
- 50 pcs. steel types 0–9 (each 5 pcs.) and 5 blank spacers
- Hexagon key
- Nickel-plated version (rust-protected)
- Assorted in plastic storage box

Size of character	Dimensions of Steel Types	Capacity of Type Holder
3 mm	(3 x 6 x 20) mm	8 Type pieces
4 mm	(3 x 6 x 20) mm	8 Type pieces
5 mm	(4 x 8 x 25) mm	8 Type pieces
6 mm	(4 x 8 x 25) mm	8 Type pieces



JOGOS DE 100 PUNÇÕES INTERMUTAVEIS MANUAIS DE PANCADA TIPO STANDARD NORMAL (165)

- Hand held type holder with hardened supporting surface in the slot
- Also available with machine holder for use in presses
- 100 Steel types with numbers, letters and punctuation marks as well as 6 blank spacers
- Hexagon key and tweezer
- Nickel-plated version (rust-protected)
- Assorted in plastic storage and transport box

Content

A	A	B	B	C	C	D	D	E	E	E	F	F	G	G	H	H	I	I	
1	1	J	J	K	K	L	L	L	M	N	N	N	O	O	O	P	P	Q	
R	R	R	S	S	S	T	T	U	U	U	V	V	W	W	X	X	Y	Z	
/	/	-	-	-	-	.	.	1	1	1	2	2	2	2	3	3	3	4	4
4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	0	0	0

Additional the Euro Type Fourt Set contains 6 blank spacers!

Size of character	Dimensions of Steel Types	Capacity of Type Holder
1 mm	(1,5 x 4,0 x 19,0) mm	19 Type pieces
1,5 mm	(1,5 x 4,0 x 19,0) mm	19 Type pieces
2 mm	(2,0 x 4,0 x 19,0) mm	14 Type pieces
2,5 mm	(2,5 x 6,0 x 19,0) mm	15 Type pieces
3 mm	(3,0 x 6,0 x 19,0) mm	13 Type pieces
4 mm	(4,0 x 8,0 x 19,0) mm	10 Type pieces
5 mm	(5,0 x 8,0 x 19,0) mm	8 Type pieces

MATRIZES GRAVADAS (500)

Machine stamps made from steel are integrated in presses, devices or tools and used for marking of work-pieces to meet individual requirements or guidelines. They are present in almost infinite variety with totally different and purpose-oriented characteristics. Whether as a press die for integration into manual, pneumatic or hydraulic presses, as steel types for the use in corresponding type holders, as rollon stamps with segment types, wheel stamps for lathe or double embossing stamp for metal sheet marking: The variety of possibilities is nearly unlimited! The manufacture of the machine stamps that you require takes place exactly according to your guidelines (sketch, sample or drawing). They are manufactured from all the commonly used materials and special steel, which provides high durability and strength, including heat treatment.



Rodas de punçonar a-z / 0-9		Punho de marcação batente substituível		Punho compacto de marcação																																																	
<ul style="list-style-type: none"> • Manufactured from special high-performance tool steel • Type of characters acc. to DIN 1451 • Hardness at the engraving: 58–61 HRC • Nickel-plated version (rust-protected) • Hardened and tempered striking surface • Each wheel is marked with the size of character and the characters on the stamping and the striking side 		<ul style="list-style-type: none"> • Heavy robust design • Exchangeable punching-cap • Display of settings by tell-tale characters in the wheel grooves, indicated by arrows • All components internally standardised and seperately available • Manufactured from special high-performance tool steel • Type of characters acc. to DIN 1451 • Hardness at the engraving: 58–61 HRC • Nickel-plated version (rust-protected) 		<ul style="list-style-type: none"> • Space-saving compact design • Striking handle can be replaced by shank • Display of settings by tell-tale characters in the wheel grooves • All components internally standardised and seperately available • Manufactured from special high-performance tool steel • Type of characters acc. to DIN 1451 • Hardness at the engraving: 58–61 HRC • Nickel-plated version (rust-protected) 																																																	
A-Z,& / Serial-No 171	0-9 / Serial-No 170	Serial-No 185		Serial-No 180																																																	
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NUMERÁRIOS ABECEDÁRIOS EM CHAPA DE ALUMÍNIO (700-A 700-N)

	A-Z Ref. 700A	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	120 mm	150 mm	180 mm	200 mm	250mm	300 mm	400 mm	500 mm
	0-9 Ref. 700N	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	120 mm	150 mm	180 mm	200 mm	250mm	300 mm	400 mm	500 mm

Favor consultar para todas as Ferramentas especiais ou de desenho próprio