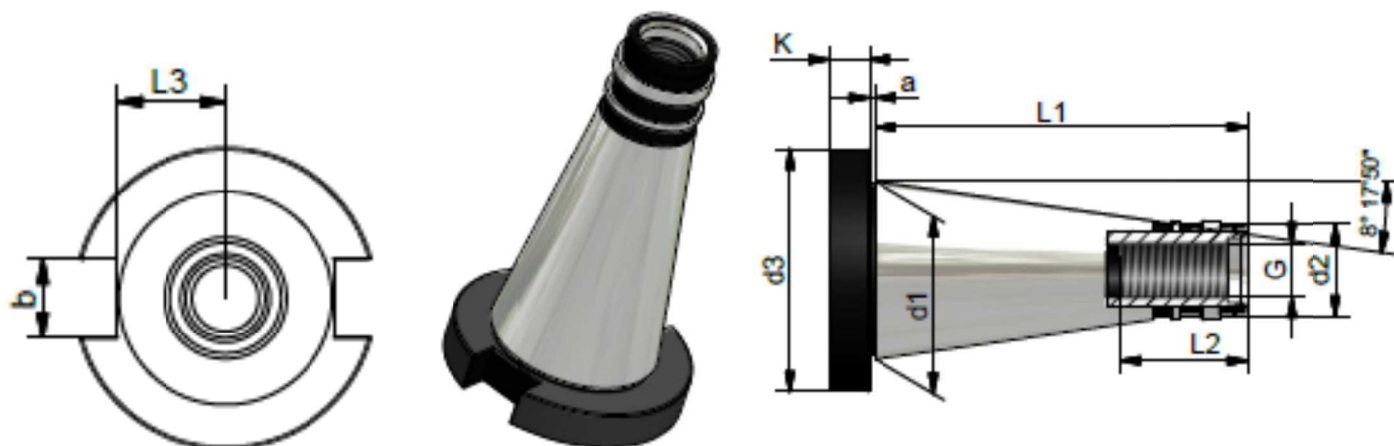


DIN 2080

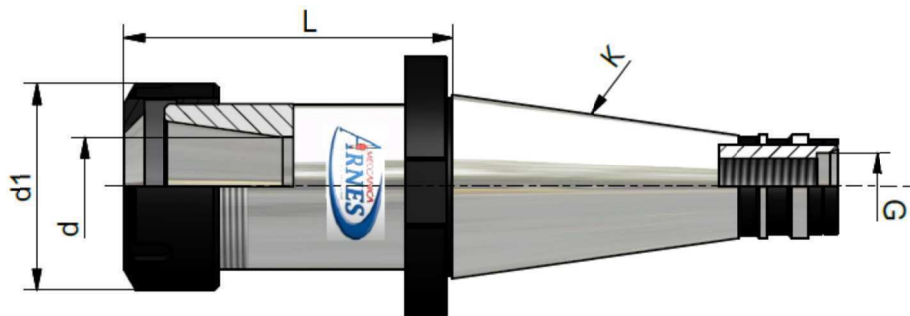
CARATTERISTICHE TECNICHE DEL CONO DIN 2080
 TECHNICAL CHARACTERISTICS OF CONE DIN 2080
 CARACTERÍSTICAS TÉCNICAS DEL CONO DIN 2080



ART	ISO 30	ISO 40	ISO 50
a $\pm 0,2$ mm	1,6	1,6	3,2
b H 12 mm	16,1	16,1	25,7
G	M 12	M 16	M 24
d1 mm	31,75	44,45	69,85
d2 mm	17,4	25,3	39,6
d3 mm	50	63	97,5
K $\pm 0,15$ mm	8	10	12
L1 mm	68,4	93,4	126,8
L2 mm	24	32	47
L3 MAX mm	16,2	22,5	35,3
Toll. del cono AT3 mm	0,002	0,003	0,004

NOTE:

MANDRINI PORTA PINZE ER DIN 2080 CON GHIERA DI SERRAGGIO
 ER DIN 2080 PINCERS HOLDER CHUCKS WITH LOCKING COLLARS
 MANDRIL PORTAPINZAS DIN 2080 PARA PINZAS ER



ART	K	d	d1	L	Pinze Pincers	G
* 208 P0/3025	ISO 30	2 - 16	42	52	ER 25	M 12
* 208 P1/3025		2 - 16	42	90	ER 25	
* 208 P0/3032		2 - 20	50	62	ER 32	
* 208 P1/3032	ISO 40	2 - 20	50	90	ER 32	M 16
208 P0/4025		2 - 16	42	68	ER 25	
208 P1/4025		2 - 16	42	120	ER 25	
208 P0/4032		2 - 20	50	68	ER 32	
208 P1/4032		2 - 20	50	120	ER 32	
208 P0/4040		3 - 30	63	68	ER 40	
208 P1/4040		3 - 30	63	120	ER 40	
* 208 P0/4532	ISO 45	2 - 20	50	82	ER 32	M 20
* 208 P1/4532		2 - 20	50	120	ER 32	
* 208 P0/4540		3 - 30	63	82	ER 40	
* 208 P1/4540		3 - 30	63	120	ER 40	
208 P0/5032	ISO 50	2 - 20	50	90	ER 32	M 24
208 P1/5032		2 - 20	50	140	ER 32	
208 P0/5040		3 - 30	63	90	ER 40	
208 P1/5040		3 - 30	63	140	ER 40	
208 P0/5050		12 - 34	78	90	ER 50	
208 P1/5050		12 - 34	78	140	ER 50	

* fornibile a richiesta * by request * disponible bajo pedido

CASSETTA KIT – KIT BOX

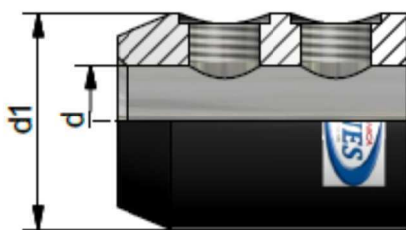


ART	K	Pinze Pincers	Ø mm	Serie completa N° Pinze Complete set
* 208 K/3025	ISO 30	ER 25	3 - 16	14
208 K/4032	ISO 40	ER 32	3 - 20	18
* 208 K/4532	ISO 45	ER 32	4 - 26	18
208 K/5040	ISO 50	ER 40	4 - 26	18

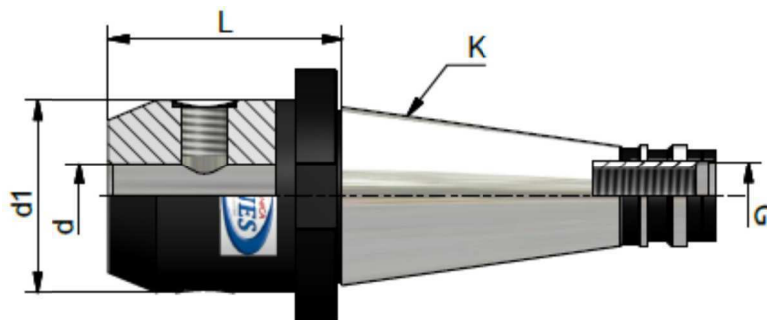
♦ La cassetta è fornita con N° 18 pinze ♦ The box is provided with 18 pincers

* fornibile a richiesta * by request

MANDRINI PORTA FRESE TIPO WELDON
MILLING CUTTERS HOLDER CHUCK "WELDON" MODEL
MANDRIL PORTAFRESAS WELDON



Da d 25
From d 25

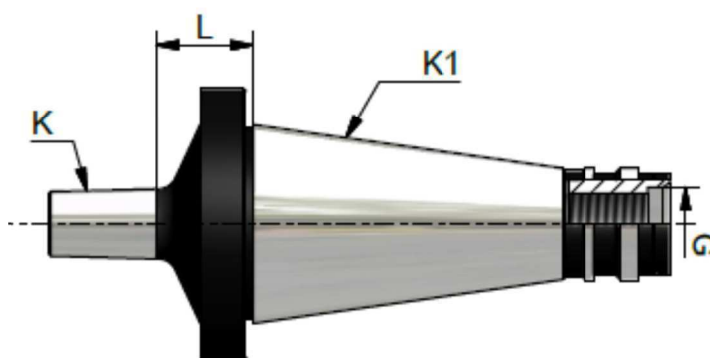


Fino d 20
To d 20

ART	K	d	d ₁	L	G
* 208 W0/3006	ISO 30	6	25	40	M 12
* 208 W0/3008		8	28	40	
* 208 W0/3010		10	35	40	
* 208 W0/3012		12	42	40	
* 208 W0/3016		16	48	50	
* 208 W0/3020		20	52	63	
208 W0/4006	ISO 40	6	25	50	M 16
208 W0/4008		8	28	50	
208 W0/4010		10	35	50	
208 W0/4012		12	42	50	
208 W0/4016		16	48	50	
208 W0/4020		20	52	63	
208 W0/4025		25	65	22	
208 W1/4025		25	65	80	
208 W0/4032		32	65	80	
208 W0/5006	ISO 50	6	25	50	M 24
208 W0/5008		8	28	50	
208 W0/5010		10	35	50	
208 W0/5012		12	42	50	
208 W0/5016		16	48	50	
208 W0/5020		20	52	63	
208 W0/5025		25	65	20	
208 W1/5025		25	65	80	
208 W0/5032		32	72	20	
208 W1/5032		32	72	80	
208 W0/5040		40	80	93	

* fornibile a richiesta * by request * disponible bajo pedido

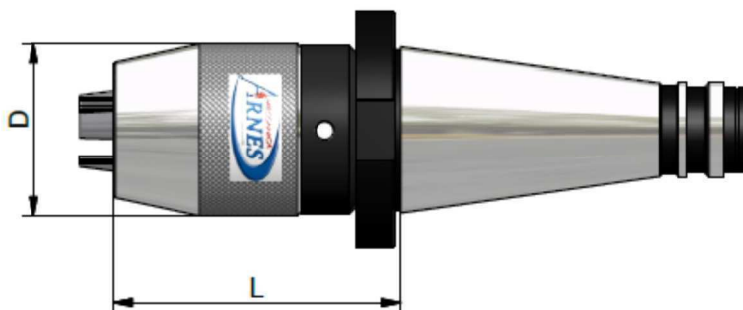
ATTACCHI PER MANDRINI PORTA PUNTE
CONNECTION FOR CHUCK DRILLS HOLDER
ADAPTADORES PORTABROCAS



ART	K	K1	L	G
* 208 B0/3012	ISO 30	B 12	15	M 12
* 208 B0/3016		B 16	15	
208 B0/4012	ISO 40	B 12	22	M 16
208 B0/4016		B 16	22	
208 B0/4018	ISO 50	B 18	22	M 24
208 B0/5016		B 16	25	
208 B0/5018		B 18	25	

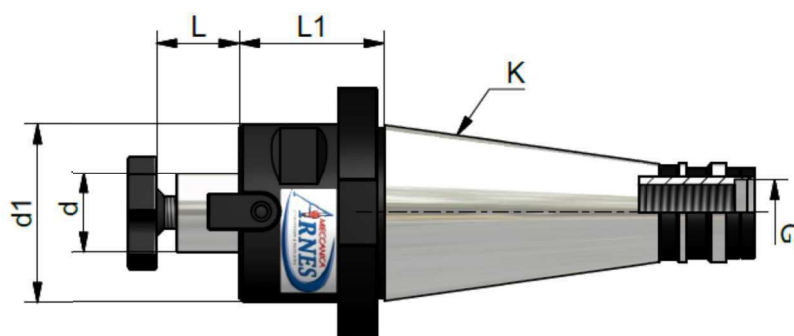
* fornibile a richiesta * by request * disponible bajo pedido

ATTACCHI PER MANDRINI PORTA PUNTE
MONOLITHIC DRILL CHUCKS
PORTABROCAS INTEGRALES CNC



ART	L	Cap. Ø	D
208 PP0/ 4013	87	0 ÷ 13	51
208 PP0/ 4016	100	3 ÷ 16	58
208 PP0/ 5013	85	0 ÷ 13	51
208 PP0/ 5016	90	3 ÷ 16	58

MANDRINI PORTA FRESE TRASCINAMENTO FISSO
MILLING CUTTERS HOLDER CHUCKS WITH FIXED DRAGGING
MANDRIL PORTAFRESA FIJO



ART	K	d	d1	L	L1	G
*208 F0/3016	ISO 30	16	32	17	35	M 12
*208 F0/3022		22	40	19	35	
*208 F0/3027		27	48	21	35	
208 F0/4016	ISO 40	16	32	17	35	M 16
208 F0/4022		22	40	19	35	
208 F0/4027		27	48	21	35	
208 F0/4032		32	58	24	48	
208 F0/4040		40	70	27	54	
208 F0/5016	ISO 50	16	32	17	40	M 24
208 F0/5022		22	40	19	40	
208 F0/5027		27	48	21	40	
208 F0/5032		32	58	24	46	
208 F0/5040		40	70	27	52	

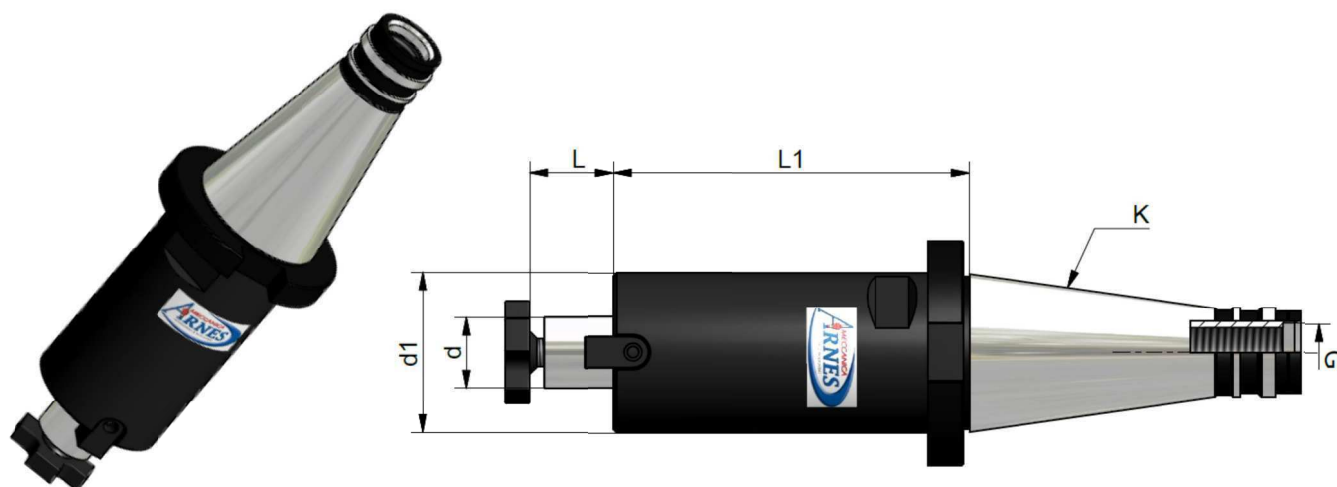
* fornibile a richiesta * by request * disponible bajo pedido

NOTE:

MANDRINI PORTA FRESE TRASCINAMENTO FISSO – tipo prolungato

MILLING CUTTERS HOLDER CHUCKS WITH FIXED DRAGGING – prologued model

MANDRIL PORTAFRESA FIJO – modelo prolongado



ART	K	d	d1	L	L1	G
*208 F1/3016	ISO 30	16	32	17	70	M 12
*208 F1/3022		22	40	19	70	
*208 F1/3027		27	48	21	70	
208 F1/4016	ISO 40	16	32	17	90	M 16
208 F1/4022		22	40	19	90	
208 F1/4027		27	48	21	90	
208 F1/4032		32	58	24	90	
208 F1/4040		40	70	27	90	
208 F1/5016	ISO 50	16	32	17	110	M 24
208 F1/5022		22	40	19	110	
208 F1/5027		27	48	21	110	
208 F1/5032		32	58	24	110	
208 F1/5040		40	70	27	110	

* fornibile a richiesta * by request * disponible bajo pedido

NOTE:

MANDRINI PORTA FRESE PER FRESE AD INSERTI

MILLING CUTTERS HOLDER CHUCKS FOR MILLING CUTTERS WITH INSERT

MANDRIL PORTAFRESAS PARA FRESA AD INSERTO

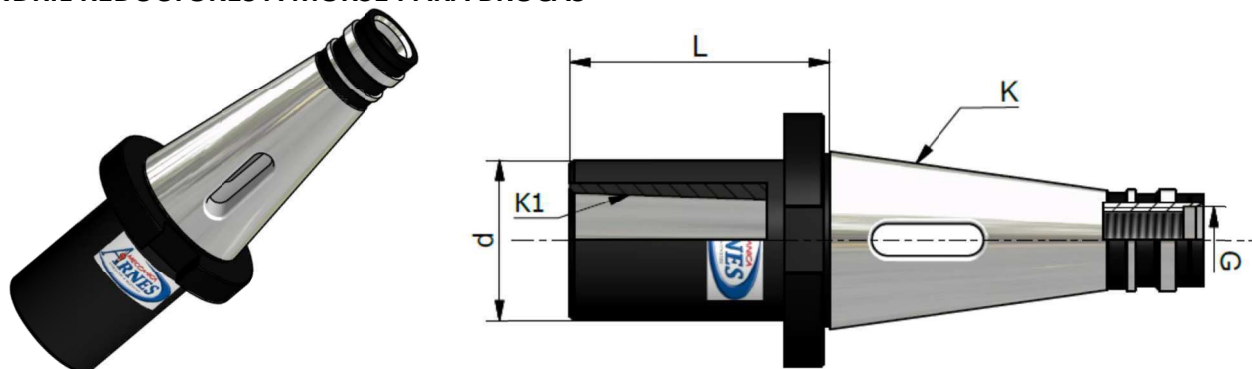


ART	K	d	d ₁	d ₂	G ₁	L	L ₁	G
208 I0/4040	ISO 40	40	88	66,7	M 12	24	42	M 16
208 I0/4050		50	128	101,6	M 16	26	52	
208 I0/4060		60	128	101,6	M 16	29	52	
208 I0/5040	ISO 50	40	88	66,7	M 12	24	52	M 24
208 I0/5050		50	128	101,6	M 16	26	68	
208 I0/5060		60	128	101,6	M 16	29	68	

MANDRINI RIDUZIONE CONO MORSE PER PUNTE

MORSE CONE REDUCTION CHUCKS FOR DRILL

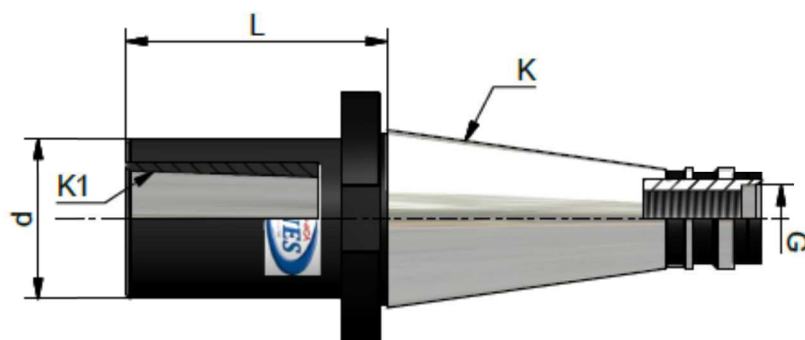
MANDRIL REDUCTORES A MORSE PARA BROCAS



ART	K	K ₁	d	L	G
* 208 M0/3001	ISO 30	CM 1	25	50	M 12
* 208 M0/3002		CM 2	32	50	
* 208 M0/3003		CM 3	40	70	
208 M0/4001	ISO 40	CM 1	25	50	M 16
208 M0/4002		CM 2	32	50	
208 M0/4003		CM 3	40	65	
208 M0/4004		CM 4	48	95	
208 M0/5002	ISO 50	CM 2	32	60	M 24
208 M0/5003		CM 3	40	65	
208 M0/5004		CM 4	48	70	
208 M0/5005		CM 5	70	105	

* fornibile a richiesta * by request * disponible bajo pedido

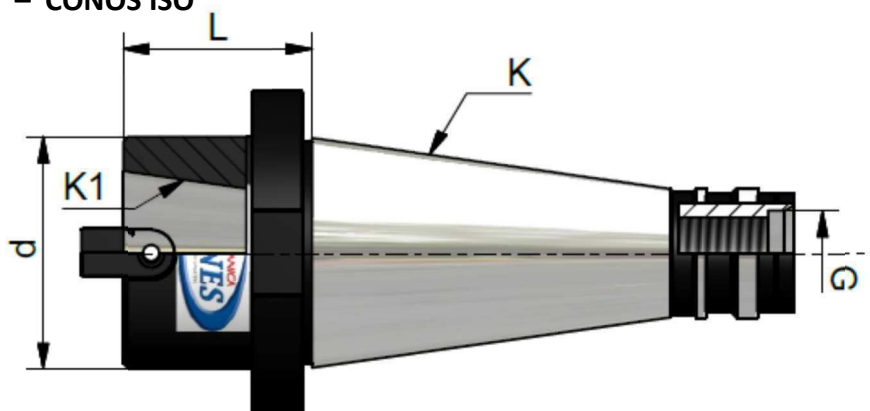
MANDRINI RIDUZIONE CONO MORSE PER FRESE
 MORSE CONE REDUCTION CHUCKS FOR MILLING CUTTERS
 MANDRIL REDUCTORES A MORSE PARA FRESAS



ART	K	K1	d	L	G
* 208 MF0/3001	ISO 30	CM 1	25	50	M 12
* 208 MF0/3002		CM 2	32	50	
* 208 MF0/3003		CM 3	40	76	
208 MF0/4001	ISO 40	CM 1	25	50	M 16
208 MF0/4002		CM 2	32	50	
208 MF0/4003		CM 3	40	65	
208 MF0/4004		CM 4	48	95	
208 MF0/5002	ISO 50	CM 2	32	60	M 24
208 MF0/5003		CM 3	40	65	
208 MF0/5004		CM 4	48	70	
208 MF0/5005		CM 5	70	105	

* fornibile a richiesta * by request * disponible bajo pedido

MANDRINI RIDUZIONE DA CONO ISO A CONO ISO
 REDUCTION CHUCKS FROM ISO CONE TO ISO CONE
 CONO REDUCTORES CONOS ISO – CONOS ISO



ART	K	K1	d	L	G
208 A/4030	ISO 40	ISO 30	50	50	M 16
208 A/5030	ISO 50	ISO 30	50	50	M 24
208 A/5040		ISO 40	63	50	