



ATTACHEMENTS



EN STOCK



TARIF 1/2025

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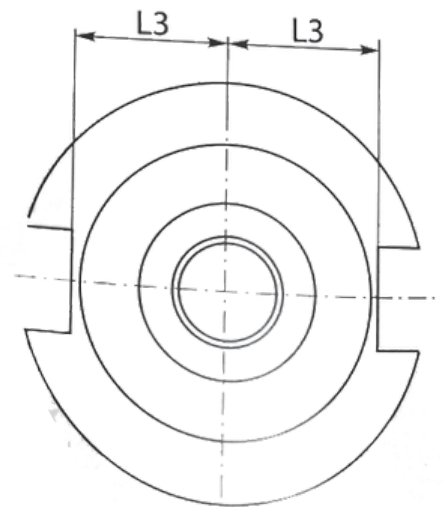
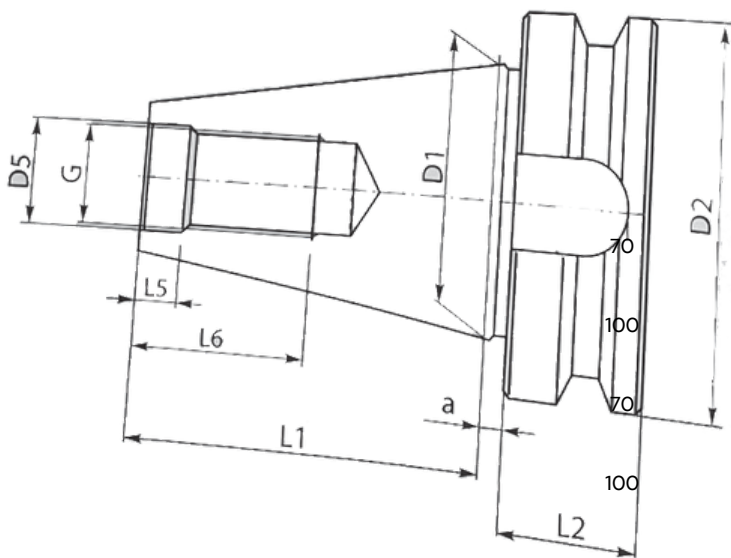
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BT MAS 403

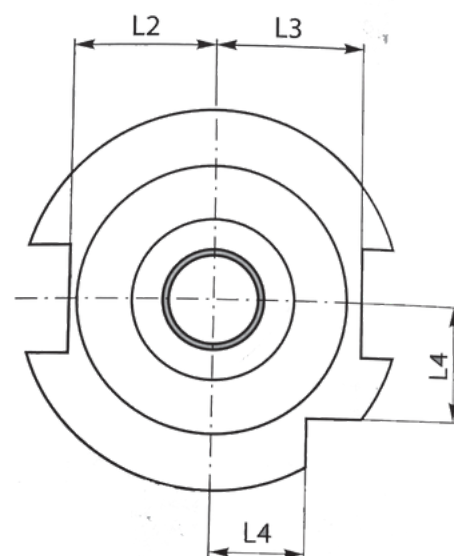
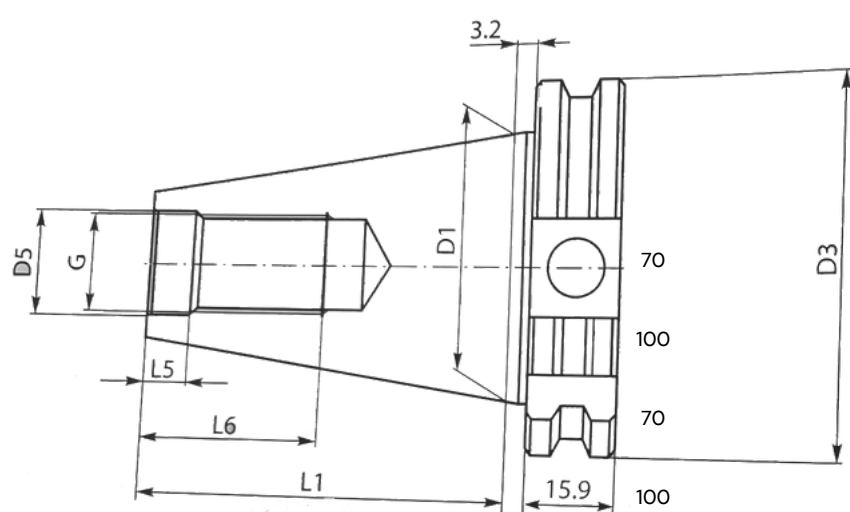
BT40



	D1	G	D5	D2	a	L1	L2	L3	L5	L6
30	31,75	M12	12,5	46	2	48,4	22	16,3	7,0	24
40	44,45	M16	17,0	63	2	65,4	27	22,5	8,2	32
50	69,85	M24	25,0	100	3	101,8	38	35,3	11,0	47

DIN 69871

DIN40/SK



	D1	G	D5	D3	L1	L2	L3	L4	L5	L6
30	31,75	M12	12,5	50,00	47,80	16,4	19,0	15,0	5,5	24
40	44,45	M16	17,0	63,55	68,40	22,8	25	18,5	8,2	32
50	69,85	M24	25,0	97,50	101,75	35,5	37,7	30,0	11,5	47

MANDRINS BT40



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MANDRINS À PINCES ER MINI BT40

- BT MAS403 (JIS 6339)
- MANDRINS À PINCES ER AVEC ÉCROU MINI
- MANDRINS À PINCES ER ENCOMBREMENT RÉDUIT ET LONG

CODE ARTICLE	DESCRIPTION	LONGUEUR DE JAUGE (mm)	ÉCROU	FORME	ÉQUILIBRAGE	TARIF
MAKBT40ER11MINI-70	BT40 ER11 MINI	70	ER11 MINI	AD	G2.5@20,000 RPM	65€
MAKBT40ER11MINI-100	BT40 ER11 MINI	100	ER11 MINI	AD	G2.5@20,000 RPM	69€
MAKBT40ER16MINI-70	BT40 ER16 MINI	70	ER16 MINI	AD	G2.5@20,000 RPM	58€
MAKBT40ER16MINI-100	BT40 ER16 MINI	100	ER16 MINI	AD	G2.5@20,000 RPM	68€
MAKBT40ER16MINI-150	BT40 ER16 MINI	150	ER16 MINI	AD	G2.5@20,000 RPM	72€



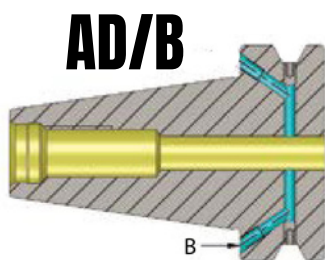
CYLINDRIQUE



MANDRINS À PINCES ER BT40 AVEC ÉCROU STANDARD

- BT MAS403 (JIS6339)
- LARGE GAMME DE LONGUEUR DE JAUGE DISPONIBLE

CODE ARTICLE	DESCRIPTION	LONGUEUR DE JAUGE (mm)	FORME	PINCES	ÉQUILIBRAGE	TARIF
MAKBT40ER16-70AD	BT40ER16	70	AD	ER16	G2.5@20,000 RPM	31€
MAKBT40ER16-100AD	BT40ER16	100	AD	ER16	G2.5@20,000 RPM	31€
MAKBT40ER20-70AD	BT40ER20	70	AD	ER20	G2.5@20,000 RPM	31€
MAKBT40ER20-120AD	BT40ER20	120	AD	ER20	G2.5@20,000 RPM	60€
MAKBT40ER20-150AD	BT40ER20	150	AD	ER20	G2.5@20,000 RPM	60€
MAKBT40ER25-70AD	BT40ER25	70	AD	ER25	G2.5@20,000 RPM	31€
MAKBT40ER25-70AD/B	BT40ER25	70	AD/B	ER25	G2.5@25,000 RPM	46€
MAKBT40ER25-120AD	BT40ER25	120	AD	ER25	G2.5@20,000 RPM	49€
MAKBT40ER25-150AD	BT40 ER25	150	AD	ER25	G2.5@20,000 RPM	60€
MAKBT40ER32-70AD	BT40ER32	70	AD	ER32	G2.5@20,000 RPM	31€
MAKBT40ER32-70AD/B	BT40ER32	70	AD/B	ER32	G2.5@25,000 RPM	46€
MAKBT40ER32-120AD/B	BT40ER32	120	AD/B	ER32	G2.5@25,000 RPM	59€
MAKBT40ER32-150AD	BT40ER32	150	AD	ER32	G2.5@25,000 RPM	65€
MAKBT40ER32-200AD	BT40ER32	200	AD	ER32	G2.5@25,000 RPM	75€





MANDRINS PORTE-FRAISES BT40 WELDON

- BT MAS403 (JIS 6339)
- LARGE GAMME DE LONGUEUR DISPONIBLE

CODE ARTICLE	DESCRIPTION	DIAMÈTRE DE SERRAGE (mm)	LONGUEUR DE JAUGE (mm)	FORME	ÉQUILIBRAGE	TARIF
MAKBT40W06-50AD	BT40 W 06	6	50	AD	G2.5@20,000 RPM	30€
MAKBT40W06-100AD	BT40 W 06	6	100	AD	G2.5@20,000 RPM	42€
MAKBT40W08-50AD	BT40 W 08	8	50	AD	G2.5@20,000 RPM	30€
MAKBT40W08-100AD	BT40 W 08	8	100	AD	G2.5@20,000 RPM	42€
MAKBT40W10-63AD	BT40 W 10	10	63	AD	G2.5@20,000 RPM	30€
MAKBT40W10-100AD	BT 40 W 10	10	100	AD	G2.5@20,000 RPM	42€
MAKBT40W12-63AD	BT 40 W 12	12	63	AD	G2.5@20,000 RPM	30€
MAKBT40W12-100AD	BT 40 W 12	12	100	AD	G2.5@20,000 RPM	42€
MAKBT40W16-63AD	BT40 W 16	16	63	AD	G2.5@20.000 RPM	30€
MAKBT40W16-100AD	BT40 W 16	16	100	AD	G2.5@20,000 RPM	42€
MAKBT40W20-63AD	BT40 W 20	20	63	AD	G2.5@20,000 RPM	30€
MAKBT40W20-100AD	BT40 W 20	20	100	AD	G2.5@20,000 RPM	42€
MAKBT40W25-70AD	BT 40 W 25	25	70	AD	G2.5@20,000 RPM	30€
MAKBT40W25-100AD	BT 40 W 25	25	100	AD	G2.5@20,000 RPM	42€



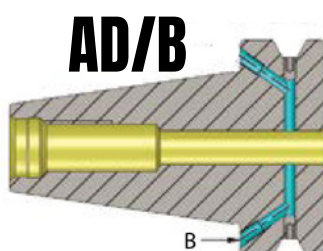


MANDRINS PORTE FRAISES TOURTEAU BT40

- **BT MAS403 (JIS 6339)**
- **POUR MONTER DES FRAISES À SURFACER**
- **PLUSIEURS LONGUEURS DISPONIBLES**
- **AD/B + COOL ARROSAGE AU CENTRE PLUS COLLERETTE**



CODE ARTICLE	DESCRIPTION	Ø TENON (mm)	LONGUEUR DE JAUGE (mm)	FORME	ÉQUILIBRAGE	TARIF
MAKBT40MAK16-45	BT40 MAK 16	16	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKBT40MAK16-100	BT40 MAK 16	16	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKBT40MAK22-45	BT40 MAK 22	22	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKBT40MAK22-100	BT40 MAK 22	22	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKBT40MAK22-150	BT40 MAK 22	22	150	AD/B+COOL	G2.5@25,000 RPM	82€
MAKBT40MAK27-45	BT40 MAK 27	27	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKBT40MAK27-100	BT40 MAK 27	27	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKBT40MAK27-150	BT40 MAK 27	27	150	AD/B+COOL	G2.5@25,000 RPM	82€
MAKBT40MAK32-45	BT40 MAK 32	32	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKBT40MAK32-100	BT40 MAK 32	32	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKBT40MAK32-150	BT40 MAK 32	32	150	AD/B+COOL	G2.5@25,000 RPM	82€





MANDRINS BT40 AUTO SERRANT

- BT MAS403 (JIS 6339)
- MANDRIN DE PERÇAGE STANDARD
- FORTE FORCE DE SERRAGE DANS LE SENS DES AIGUILLES D'UNE MONTRE ET DANS LE SENS OPPOSÉ
- HAUTE RÉSISTANCE À L'USURE AVEC LES MORS EN TITANE

CODE ARTICLE	DESCRIPTION	CAPACITE (mm)	L (mm)	D (mm)	TARIF
MAKBT40-13/98	BT40 MAK 13 98	0.3-13	98	63	195€
MAKBT40-16/103	BT40 MAK 16 103	1.5-16	103	63	205€



MANDRINS DIN40/SK



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MANDRINS À PINCES ER MINI DIN40 / SK

- **DIN 69871**
- **MANDRINS À PINCES ER AVEC ÉCROU MINI**
- **MANDRINS À PINCES ER ENCOMBREMENT RÉDUIT ET LONG**

CODE ARTICLE	DESCRIPTION	LONGUEUR DE JAUGE (mm)	ÉCROU	FORME	ÉQUILIBRAGE	TARIF
MAKDIN40ER11MINI-70	DIN40 ER11 MINI	70	ER11 MINI	AD	G2.5@20,000 RPM	65€
MAKDIN40ER11MINI-100	DIN40 ER11 MINI	100	ER11 MINI	AD	G2.5@20,000 RPM	69€
MAKDIN40ER16MINI-70	DIN40 ER16 MINI	70	ER16 MINI	AD	G2.5@20,000 RPM	58€
MAKDIN40ER16MINI-100	DIN40 ER16 MINI	100	ER16 MINI	AD	G2.5@20,000 RPM	68€



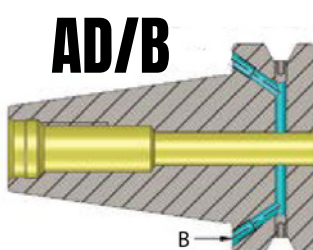
CYLINDRIQUE



MANDRINS À PINCES ER DIN40 / SK AVEC ÉCROU STANDARD

- **DIN 69871**
- **LARGE GAMME DE LONGUEUR DE JAUGE DISPONIBLE**

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	FORME	PINCES	ÉQUILIBRAGE	TARIF
MAKDIN40ER16-70AD	DIN40ER16	70	AD	ER16	G2.5@20,000 RPM	31€
MAKDIN40ER16-100AD	DIN40ER16	100	AD	R16	G2.5@20,000 RPM	31€
MAKDIN40ER20-70AD	DIN40ER20	70	AD	ER20	G2.5@20,000 RPM	31€
MAKDIN40ER20-100AD	DIN40ER20	100	AD	ER20	G2.5@20,000 RPM	37€
MAKDIN40ER20-150AD	DIN40ER20	150	AD	ER20	G2.5@20,000 RPM	60€
MAKDIN40ER25-70AD	DIN40ER25	70	AD	ER25	G2.5@20,000 RPM	31€
MAKDIN40ER25-70AD/B	DIN40ER25	70	AD/B	ER25	G2.5@25,000 RPM	46€
MAKDIN40ER25-120AD/B	DIN40ER25	120	AD/B	ER25	G2.5@25,000 RPM	59€
MAKDIN40ER25-150AD	DIN40ER25	150	AD	ER25	G2.5@20,000 RPM	60€
MAKDIN40ER32-70AD	DIN40ER32	70	AD	ER32	G2.5@20,000 RPM	31€
MAKDIN40ER32-70AD/B	DIN40ER32	70	AD/B	ER32	G2.5@25,000 RPM	46€
MAKDIN40ER32-120AD	DIN40ER32	120	AD	ER32	G2.5@25,000 RPM	49€
MAKDIN40ER32-120AD/B	DIN40ER32	120	AD/B	ER32	G2.5@25,000 RPM	59€
MAKDIN40ER32-150AD	DIN40ER32	150	AD	ER32	G2.5@25,000 RPM	65€





MANDRINS PORTE FRAISES DIN40 / SK WELDON

- DIN 69871
- LARGE GAMME DE LONGUEUR DISPONIBLE

CODE ARTICLE	DESCRIPTION	DIAMETRE DE SERRAGE (mm)	LONGUEUR DE JAUGE (mm)	FORME	EQUILIBRAGE	TARIF
MAKDIN40W06-50AD	DIN 40 W 06	6	50	AD	G2.5@20,000 RPM	30€
MAKDIN40W06-100AD	DIN 40 W 06	6	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W08-50AD	DIN 40 W 08	8	50	AD	G2.5@20,000 RPM	30€
MAKDIN40W08-100AD	DIN 40 W 08	8	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W10-63AD/B	DIN 40 W 10	10	63	AD	G2.5@20,000 RPM	30€
MAKDIN40W10-100AD	DIN 40 W 10	10	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W12-63AD	DIN 40 W 12	12	63	AD	G2.5@20,000 RPM	30€
MAKDIN40W12-100AD	DIN 40 W 12	12	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W16-63AD	DIN 40 W 16	16	63	AD	G2.5@20,000 RPM	30€
MAKDIN40W16-100AD	DIN 40 W 16	16	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W20-63AD	DIN 40 W 20	20	63	AD	G2.5@20,000 RPM	30€
MAKDIN40W20-100AD	DIN 40 W 20	20	100	AD	G2.5@20,000 RPM	42€
MAKDIN40W25-70AD	DIN 40 W 25	25	70	AD	G2.5@20,000 RPM	30€
MAKDIN40W25-100AD	DIN 40 W 25	25	100	AD	G2.5@20,000 RPM	42€



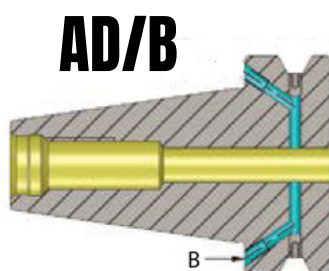


MANDRINS PORTE FRAISES TOURTEAU DIN40 / SK



- **DIN 69871**
- **POUR MONTER DES FRAISES À SURFACER**
- **LARGE GAMME DE LONGUEUR DISPONIBLE**
- **ARROSAGE AU CENTRE**

CODE ARTICLE	DESCRIPTION	Ø TENON (mm)	LONGUEUR DE JAUGE (mm)	FORME	ÉQUILIBRAGE	TARIF
MAKDIN40MAK16-45	DIN40 MAK 16	16	35	AD/B+COOL	G2.5@25,000 RPM	54€
MAKDIN40MAK16-100	DIN40 MAK 16	16	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKDIN40MAK22-45	DIN40 MAK 22	22	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKDIN40MAK22-100	DIN40 MAK 22	22	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKDIN40MAK22-150	DIN40 MAK 22	22	150	AD/B+COOL	G2.5@25,000 RPM	82€
MAKDIN40MAK27-45	DIN40 MAK 27	27	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKDIN40MAK27-100	DIN40 MAK 27	27	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKDIN40MAK27-150	DIN40 MAK 27	27	150	AD/B+COOL	G2.5@25,000 RPM	82€
MAKDIN40MAK32-45	DIN40 MAK 32	32	45	AD/B+COOL	G2.5@25,000 RPM	54€
MAKDIN40MAK32-100	DIN40 MAK 32	32	100	AD/B+COOL	G2.5@25,000 RPM	68€
MAKDIN40MAK32-150	DIN40 MAK 32	32	150	AD/B+COOL	G2.5@25,000 RPM	82€





MANDRINS DIN40 / SK AUTO SERRANT

- **DIN 69871**
- **MANDRIN DE PERÇAGE STANDARD**
- **FORTE FORCE DE SERRAGE DANS LE SENS DES AIGUILLES D'UNE MONTRE ET DANS LE SENS OPPOSÉ**
- **HAUTE RÉSISTANCE À L'USURE AVEC LES MORS EN TITANE**

CODE ARTICLE	DESCRIPTION	CAPACITE (mm)	L (mm)	D (mm)	TARIF
MAKDIN40-13/90	DIN40 MAK 13 90	0.3-13	90	63.55	195€
MAKDIN40-16/95	DIN40 MAK 16 95	1.5-16	95	63.55	205€



MANDRINS À PINCE MINI **À QUEUE CYLINDRIQUE** **PINCE ER / ÉCROU MINI**



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MANDRINS À PINCE MINI À QUEUE CYLINDRIQUE PINCE ER / ÉCROU MINI

CODE ARTICLE	DESCRIPTION	DIAMÈTRE DE QUEUE (mm)	TYPE DE PINCE	LONGUEUR DE QUEUE (mm)	TARIF
MAKC16ER11M-50	C16ER11Mx50	10	ER11	50	37€
MAKC16ER11M-100	C16ER11MX100	10	ER11	100	37€
MAKC16ER11M-150	C16ER11MX150	10	ER11	150	37€
MAKC16ER11-50	C16ER11Mx50	16	ER11	50	37€
MAKC16ER11-100	C16ER11Mx100	16	ER11	100	37€
MAKC16ER11-150	C16ER11Mx150	16	ER11	150	37€
MAKC16-ER16-50	C16ER16Mx50	16	ER16	50	37€
MAKC16ER16-100	C16ER16Mx100	16	ER16	100	37€
MAKC20ER20-50	C20ER20Mx50	20	ER20	50	37€
MAKC20ER20-100	C20ER20Mx100	20	ER20	100	37€
MAKC20ER20-150	C20ER20Mx150	20	ER20	150	37€
MAKC25ER20-60	C25ER20Mx60	25	ER20	60	37€
MAKC25ER20-100	C25ER20Mx100	25	ER20	100	37€
MAKC25ER20-150	C25ER20Mx150	25	ER20	150	37€
MAKC32ER20-100	C32ER20Mx100	32	ER20	100	37€



MANDRINS HSK63A



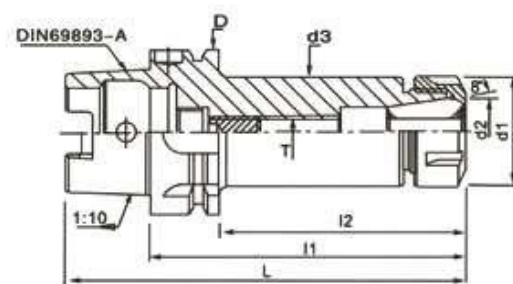
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MANDRINS HSK63A

• DIN9893-A



CODE ARTICLE	DESCRIPTION	L	l1	l2	D	d1	d2	d3	T	TARIF
MAKHSK63AER16-100	ER16	132	100	74	63	28	16	28	M10X1.5P	84€
MAKHSK63AER16-160	ER16	182	160	124	63	28	16	28	M10X1.5P	128€
MAKHSK63AER20-100	ER20	132	100	74	63	34	20	34	M12X1.75P	84€
MAKHSK63AER20-160	ER20	182	160	124	63	34	20	34	M12X1.75P	128€
MAKHSK63AER25-100	ER25	132	100	74	63	42	25	42	M16X2.0P	84€
MAKHSK63AER25-160	ER25	182	160	124	63	42	25	42	M16X2.0P	128€
MAKHSK63AER32-100	ER32	132	100	74	63	50	32	50	M16X2.0P	84€
MAKHSK63AER32-160	ER32	182	160	124	63	50	32	50	M16X2.0P	128€
MAKHSK63AER32-200	ER32	232	200	174	63	50	32	50	M16X2.0P	169€
MAKHSK63AER40-100	ER40	132	100	74	63	63	40	60	M20X2.0P	SUR DEMANDE
MAKHSK63AER40-160	ER40	182	160	124	63	63	40	60	M20X2.0P	SUR DEMANDE
MAKHSK63AER40-200	ER40	232	200	174	63	63	40	60	M20X2.0P	SUR DEMANDE



MANDRINS HYDRAULIQUE

HDC. BT / DIN-SK



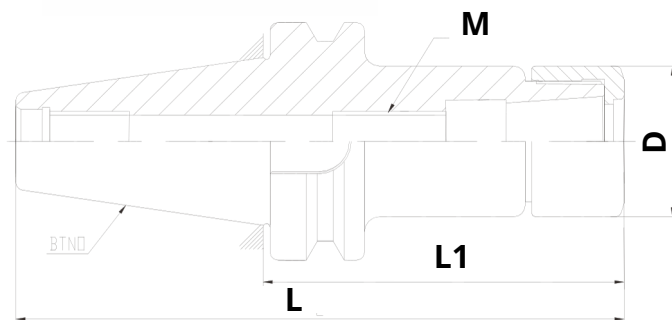
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MANDRINS HYDRAULIQUE HDC

- BT40 ET SK40



BT40

CODE ARTICLE	DESCRIPTION	CAPACITE	L	L1	D	M	TARIF
MAKBT40HDC20-90L	HDC20-90	1-20	155.4	90	48	M22X1.5	148€
MAKBT40HDC20-120L	HDC20-120	1-20	185.4	120	48	M22X1.5	175€

SK40

CODE ARTICLE	DESCRIPTION	CAPACITE	L	L1	D	M	TARIF
MAKSK40HDC20-80.5L	HDC20-90	1-20	155.4	90	48	M22X1.5	185€



MANDRIN POLYGONAL

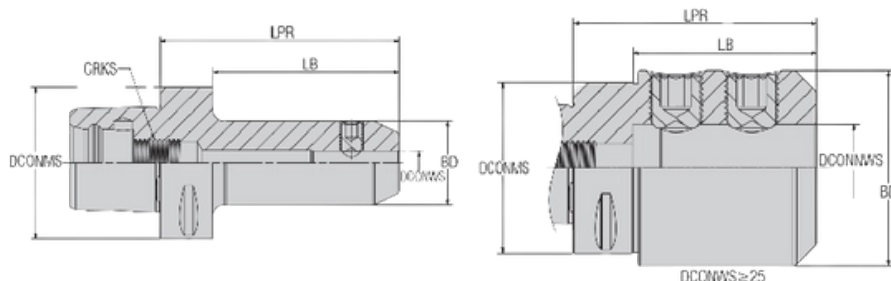


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MANDRIN POLYGONAL WELDON

• ISO26623-1



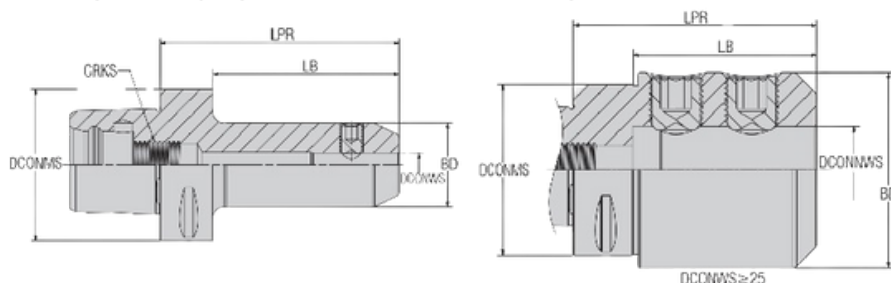
CODE ARTICLE	DCONMS	DCONWS	LPR	BD	LB	CRKS	TARIF
MAKAC3-EM-06-046	32	06	46	25	31	M12X1.5	225€
MAKAC3-EM-08-046	32	08	46	28	31	M12X1.5	225€
MAKAC3-EM-10-050	32	10	50	34	35	M12X1.5	225€
MAKAC3-EM-12-055	32	12	55	42	40	M12X1.5	225€
MAKAC4-EM-06-050	40	06	50	25	30	M14x1.5	233€
MAKAC4-EM-08-050	40	08	50	28	30	M14X1.5	233€
MAKAC4-EM-10-055	40	10	55	35	30	M14X1.5	233€
MAKAC4-EM-12-055	40	12	55	42	35	M14X1.5	233€
MAKAC4-EM-14-055	40	14	55	44	35	M14X1.5	233€
MAKAC4-EM-16-060	40	16	60	48	40	M14X1.5	233€
MAKAC5-EM-06-050	50	06	50	25	30	M16X1.5	247€
MAKAC5-EM-08-050	50	08	50	28	30	M16X1.5	247€
MAKAC5-EM-10-055	50	10	55	35	35	M16X1.5	247€
MAKAC5-EM-12-060	50	12	60	42	40	M16X1.5	247€
MAKAC5-EM-14-060	50	14	60	44	40	M16X1.5	247€
MAKAC5-EM-16-060	50	16	60	48	40	M16X1.5	247€
MAKAC5-EM-18-060	50	18	60	50	40	M16X1.5	247€
MAKAC5-EM-20-060	50	20	60	52	40	M16X1.5	247€
MAKAC5-EM-25-080	50	25	80	65	60	M16X1.5	247€





MANDRIN POLYGONAL WELDON

• ISO26623-1



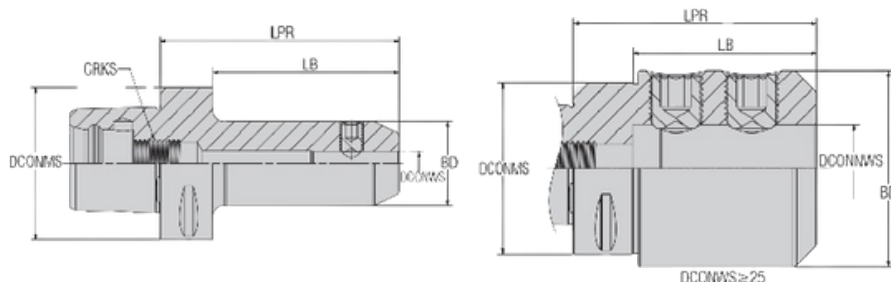
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MAKAC6-EM-06-075	63	06	75	25	53	M20X2	258€
MAKAC6-EM-06-100	63	06	100	25	78	M20X2	258€
MAKAC6-EM-08-055	63	08	55	28	33	M20X2	250€
MAKAC6-EM-08-075	63	08	75	28	53	M20X2	258€
MAKAC6-EM-08-100	63	08	100	28	78	M20X2	258€
MAKAC6-EM-10-060	63	10	60	35	35	M20X2	250€
MAKAC6-EM-10-075	63	10	75	35	53	M20X2	258€
MAKAC6-EM-10-100	63	10	100	35	78	M20X2	258€
MAKAC6-EM-12-065	63	12	65	42	43	M20X2	250€
MAKAC6-EM-12-100	63	12	100	42	78	M20X2	258€
MAKAC6-EM-14-065	63	14	65	44	43	M20X2	250€
MAKAC6-EM-14-100	63	14	100	44	78	M20X2	258€
MAKAC6-EM-16-065	63	16	65	48	43	M20X2	250€
MAKAC6-EM-16-085	63	16	85	48	63	M20X2	258€
MAKAC6-EM-16-100	63	16	100	48	78	M20X2	258€
MAKAC6-EM-18-065	63	18	65	50	43	M20X2	250€
MAKAC6-EM-20-065	63	20	65	52	43	M20X2	250€
MAKAC6-EM-20-100	63	25	100	52	78	M20X2	258€
MAKAC6-EM-25-080	63	25	80	63	58	M20X2	250€
MAKAC6-EM-32-090	63	32	90	72	68	M20X2	250€





MANDRIN POLYGONAL WELDON

- **ISO26623-1**



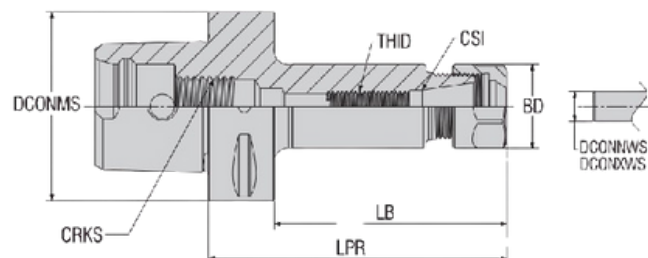
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MAKAC6-EM-40-100	63	40	100	79	78	M20X2	250€
MAKAC8-EM-06-070	80	06	70	25	40	M20X2	295€
MAKAC8-EM-08-070	80	08	70	28	40	M20X2	295€
MAKAC8-EM-10-070	80	10	70	35	40	M20X2	295€
MAKAC8-EM-12-070	80	12	70	42	40	M20X2	295€
MAKAC8-EM-14-070	80	14	70	44	40	M20X2	295€
MAKAC8-EM-16-070	80	16	70	48	40	M20X2	295€
MAKAC8-EM-18-070	80	18	70	50	40	M20X2	295€
MAKAC8-EM-20-070	80	20	70	52	40	M20X2	295€
MAKAC8-EM-25-090	80	25	90	63	60	M20X2	300€
MAKAC8-EM-32-100	80	32	100	72	70	M20X2	300€
MAKAC8-EM-40-110	80	40	110	80	80	M20X2	300€
MAKAC8-EM-50-120	80	50	120	100	90	M20X2	300€





MANDRIN POLYGONAL À PINCES

• ISO26623-1



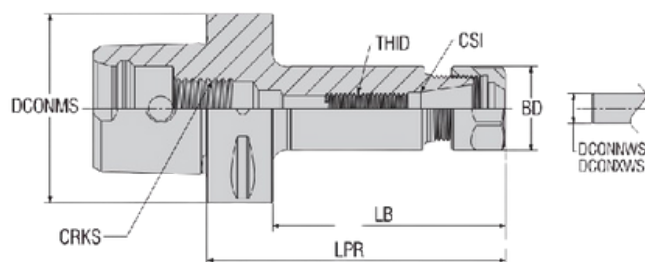
CODE ARTICLE	DCONMS	CSI	DCONWS	DCONXWS	BD	LPR	LB	THID	CRKS	TARIF
MAKAC3-ER-16-045	32	ER16	1.0	10	28	45	30	M10	M12X1.5	190€
MAKAC4-ER-16-070	40	ER16	1.0	10	28	70	50	M10	M14X1.5	190€
MAKAC4-ER-25-055	40	ER25	1.0	16	42	55	35	M16	M14X1.5	190€
MAKAC4-ER-32-055	40	ER32	2.0	20	50	55	35	M16	M14X1.5	190€
MAKAC5-ER-16-055	50	ER16	1.0	10	28	55	35	M10	M16X1.5	205€
MAKAC5-ER-16-100	50	ER16	1.0	10	28	100	80	M10	M16X1.5	242€
MAKAC5-ER-16-130	50	ER16	1.0	10	28	130	110	M10	M16X1.5	266€
MAKAC5-ER-25-055	50	ER25	1.0	16	42	55	35	M16	M16X1.5	205€
MAKAC5-ER-25-100	50	ER25	1.0	16	42	100	80	M16	M16X1.5	242€
MAKAC5-ER-32-100	50	ER32	2.0	20	50	100	80	M16	M16X1.5	242€
MAKAC6-ER-16-060	63	ER16	1.0	10	28	60	38	M10	M20X2	200€
MAKAC6-ER-16-100	63	ER16	1.0	10	28	100	78	M10	M20X2	236€
MAKAC6-ER-16-130	63	ER16	1.0	10	28	130	108	M10	M20X2	255€
MAKAC6-ER-25-060	63	ER25	1.0	16	42	60	38	M16	M20X2	200€
MAKAC6-ER-25-100	63	ER25	1.0	16	42	100	78	M16	M20X2	236€
MAKAC6-ER-25-130	63	ER25	1.0	16	42	130	108	M16	M20X2	255€
MAKAC6-ER-32-060	63	ER32	2.0	20	50	60	38	M16	M20X2	200€
MAKAC6-ER-32-100	63	ER32	2.0	20	50	100	78	M16	M20X2	236€
MAKAC6-ER-32-130	63	ER32	2.0	20	50	130	108	M16	M20X2	255€





MANDRIN POLYGONAL À PINCES

- ISO26623-1



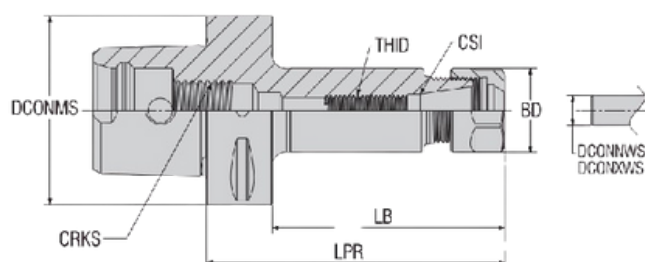
CODE ARTICLE	DCONMS	CSI	DCONWS	DCONXWS	BD	LPR	LB	THID	CRKS	TARIF
MAKAC6-ER-40-065	63	ER40	3.0	26	63	65	43	M16	M20X2	215€
MAKAC6-ER-40-100	63	ER40	3.0	26	63	100	78	M16	M20X2	250€
MAKAC6-ER-40-130	63	ER40	3.0	26	63	130	108	M16	M20X2	268€
MAKAC8-ER-32-070	80	ER32	2.0	20	50	70	40	M16	M20X2	271€
MAKAC8-ER-32-100	80	ER32	2.0	20	50	100	70	M16	M20X2	311€
MAKAC8-ER-32-160	80	ER32	2.0	20	50	160	130	M16	M20X2	375€
MAKAC8-ER-40-070	80	ER40	3.0	26	63	70	40	M16	M20X2	271€
MAKAC8-ER-40-100	80	ER40	3.0	26	63	100	70	M16	M20X2	311€
MAKAC8-ER-40-160	80	ER40	3.0	26	63	160	130	M16	M20X2	375€





MANDRIN POLYGONAL À PINCES ÉCROU MINI Ø22

- ISO26623-1



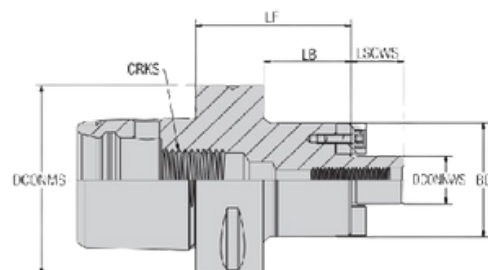
CODE ARTICLE	DCONMS	CSI	DCONWS	DCONXWS	BD	LPR	LB	THID	CRKS	TARIF
MAKAC4-ER-16-070M	40	ER16	0.5	10	22	70	50	M10	M14X1.5	218€
MAKAC5-ER-16-100M	50	ER16	0.5	10	22	100	80	M10	M16X1.5	265€
MAKAC6-ER-16-100M	63	ER16	0.5	10	22	100	78	M10	M20X2	260€
MAKAC6-ER-16-130M	63	ER16	0.5	10	22	130	108	M10	M20X2	278€





MANDRIN POLYGONAL TROU LISSE/PORTE FRAISES

• ISO26623-1



CODE ARTICLE	DCONMS	DCONWS	BD	LSCWS	LB	LF	CRKS	TARIF
MAKAC3-FM-16-030	32	16	38	17	15	30	M12X1.5	220€
MAKAC4-FM-16-035	40	16	38	17	15	35	M14X1.5	226€
MAKAC4-FM-22-040	40	22	48	19	20	40	M14X1.5	226€
MAKAC5-FM-16-035	50	16	38	17	15	35	M16X1.5	226€
MAKAC5-FM-16-070	50	16	36	17	50	70	M16X1.5	240€
MAKAC5-FM-22-040	50	22	48	19	20	40	M16X1.5	226€
MAKAC5-FM-22-070	50	22	48	19	50	70	M16X1.5	240€
MAKAC5-FM-27-040	50	27	60	21.5	20	40	M16X1.5	226€
MAKAC6-FM-16-035	63	16	38	17	13	35	M20X2	230€
MAKAC6-FM-16-100	63	16	38	17	78	100	M20X2	287€
MAKAC6-FM-22-050	63	22	48	19	28	50	M20X2	230€
MAKAC6-FM-22-100	63	22	48	19	78	100	M20X2	287€
MAKAC6-FM-27-050	63	27	60	21.5	28	50	M20X2	230€
MAKAC6-FM-27-100	63	27	60	21.5	78	100	M20X2	287€
MAKAC6-FM-32-060	63	32	78	24	38	60	M20X2	230€
MAKAC8-FM-27-100	80	27	60	21.5	70	100	M20X2	340€
MAKAC8-FM-32-100	80	32	78	24	70	100	M20X2	340€
MAKAC8-FM-40-060	80	40	88	27	30	60	M20X2	298€



PORTES OUTILS / MANDRINS

TOURNAGE POLYGONAL



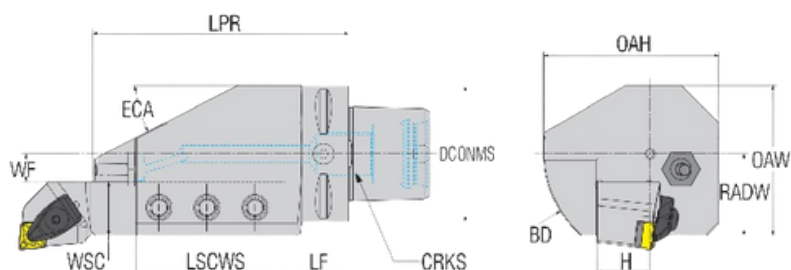
PAGE 21 À 27





MANDRIN POLYGONAL TOURNAGE

- ISO26623-1



CODE ARTICLE	DCONMS	LPR	LSCWS	LF	WF	H	WSC	OAH	RADW	OAW	BD	ECA	HAND	CRKS	TARIF
MAKAC4-ASHR-16-1	40	104	70	29	7	16	16	48	23	43.5	60	30	R	M14X1.5	267€
MAKAC5-ASHR-20-1	50	98	63.5	24.5	10	20	20	74	30	59	90	30	R	M16X1.5	330€
MAKAC6-ASHR-20-1	63	100	63.5	26.5	10	20	20	74	30	59	90	30	R	M20X2	377€
MAKAC6-ASHR-25-1	63	120	70	30	13	25	25	82	38	70	100	27	R	M20X2	377€
MAKAC8-ASHR-32-1	80	140	90	40	8	32	32	87	40	80	109	27	R	M20X2	443€

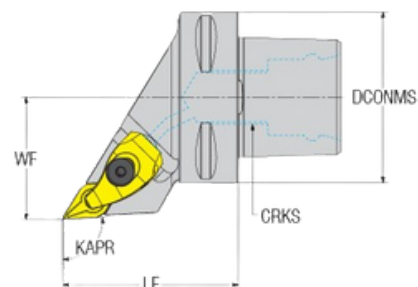


PORTES OUTILS TOURNAGE POLYGONAL

• ISO26623-1



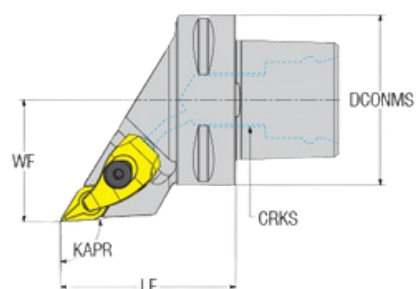
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CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	CALE SUPPORT	VIS DE SERRAGE	ASSISE	VIS DE CALE	RESSORT	ANNEAUX	CLÉ	TARIF
MAKAC4TCLNR/L27060-12H	X	X	40	60	27	M14X1.5	CN..120408	ATKH-01-R ATKH-02-L	AKV-33-M6X22	AACN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	297€
MAKAC5TCLNR/L35060-12H	X	X	50	60	35	M16X1.5	CN..120408		AKV-33-M6X22	AACN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	317€
MAKAC6TCLNR/L45065-12H	X	X	63	65	45	M20X2	CN..120408		AKV-33-M6X22	AACN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	335€
MAKAC8TCLNR/L55080-12H	X	X	80	80	55	M20X2	CN..120408		AKV-33-M6X22	AACN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	352€



KAPR=93°



CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	CALE SUPPORT	VIS DE SERRAGE	ASSISE	VIS DE CALE	RESSORT	ANNEAUX	CLÉ	TARIF
MAKAC4TDJNR/L27060-15H	X	X	40	60	27	M14X1.5	DN..150608	ATKH-01-R ATKH-02-L	AKV-33-M6X22	AADN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	297€
MAKAC5TDJNR/L35060-15H	X	X	50	60	35	M16X1.5	DN..150608		AKV-33-M6X22	AADN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	317€
MAKAC6TDJNR/L45065-15H	X	X	63	65	45	M20X2	DN..150608		AKV-33-M6X22	AADN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	335€
MAKAC8TDJNR/L55080-15H	X	X	80	80	55	M20X2	DN..150608		AKV-33-M6X22	AADN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	352€

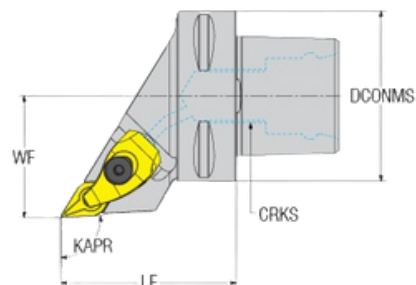


PORTE OUTIL TOURNAGE POLYGONAL

• ISO26623-1



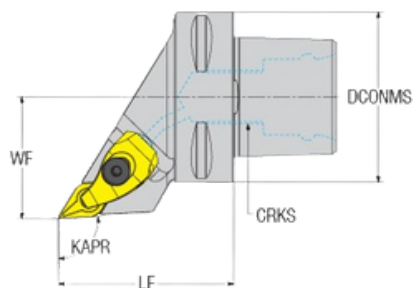
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CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	CALE SUPPORT	VIS DE SERRAGE	ASSISE	VIS DE CALE	RESSORT	ANNEAUX	CLÉ	TARIF
MAKAC4TWLNR/L27060-08H	X	X	40	60	27	M14X1.5	WN..080408	ATKH-01-R ATKH-02-L	AKV-33-M6X22	AAWN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	297€
MAKAC5TWLNR/L35060-08H	X	X	50	60	35	M16X1.5	WN..080408		AKV-33-M6X22	AAWN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	317€
MAKAC6TWLNR/L45065-08H	X	X	63	65	45	M20X2	WN..080408		AKV-33-M6X22	AAWN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	335€
MAKAC8TWLNR/L55080-08H	X	X	80	80	55	M20X2	WN..080408		AKV-33-M6X22	AAWN-3-0001	AAV-13-M5X8	AKY-01	AXR-01	AAL-03-3	352€



KAPR=95°



CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	LEVIER	VIS À LEVIER	ASSISE	RESSORT DE CALE	ANNEAUX	BUSE	WISE DE BUSE	CLÉ	TARIF
MAKAC4PCLNR/L27050-12H	X	X	40	60	27	M14X1.5	CN..120408	APL-02	ALV-03-M8X19	AACN-3-0001	AAY-02	AXR-01 AOR-01	AN-01	2715-M3X11	AAL-03-3	297€
MAKAC5PCLNR/L35060-12H	X	X	50	60	35	M16X1.5	CN..120408	APL-02	ALV-03-M8X19	AACN-3-0001	AAY-02		AN-01	2715-M3X11	AAL-03-3	317€
MAKAC6PCLNR/L45065-12H	X	X	63	65	45	M20X2	CN..120408	APL-02	ALV-03-M8X19	AACN-3-0001	AAY-02		AN-01	2715-M3X11	AAL-03-3	335€
MAKAC8PCLNR/L55080-12H	X	X	80	80	55	M20X2	CN..120408	APL-02	ALV-03-M8X19	AACN-3-0001	AAY-02		AN-01	2715-M3X11	AAL-03-3	352€

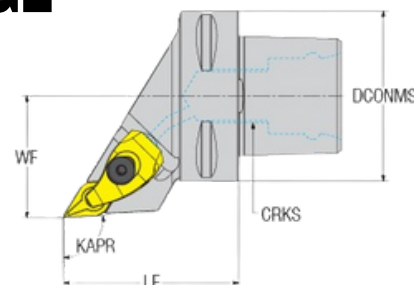


PORTE OUTIL TOURNAGE POLYGONAL

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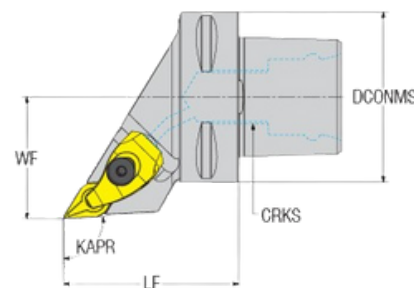
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CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	LEVIER	VIS À LEVIER	ASSISE	RESSORT DE CALE	ANNEAUX	BUSE	VISE DE BUSE	CLÉ	TARIF
MAKAC4PDJNR/L27060-15H	X	X	40	60	27	M16X1.5	DN..150608	APL-03	ALV-03-M8X19	AADN-3-0001	AAY-02	AXR-01 AOR-01	AN-01	2715-M3X5	AAL-03-3	297€
MAKAC5PDJNR/L35060-15H	X	X	50	60	35	M16X1.5	DN..150608	APL-03	ALV-03-M8X19	AADN-3-0001	AAY-02		AN-01	2715-M3X5	AAL-03-3	317€
MAKAC6PDJNR/L45065-15H	X	X	63	65	45	M20X2	DN..150608	APL-03	ALV-03-M8X19	AADN-3-0001	AAY-02		AN-01	2715-M3X5	AAL-03-3	335€
MAKAC6PDJNR/L45165-15H	X	X	63	165	45	M20X2	DN..150608	APL-03	ALV-03-M8X19	AADN-3-0001	AAY-02		AN-01	2715-M3X5	AAL-03-3	697€
MAKAC8PDJNR/L55080-15H	X	X	80	80	55	M20X2	DN..150608	APL-03	ALV-03-M8X19	AADN-3-001	AAY-02		AN-01	2715-M3X5	AAL-03-3	352€



KAPR=95°



CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	VIS	ASSISE	VIS DE CALE	CLÉ	TARIF
MAKAC4SCLCR/L27050-12H	X	X	40	60	27	M14X1.5	CC..120408	1020-M4.5X16	AACN-2-0003	AAV-10-M4.5X8	80-T20	297€
MAKAC5SCLCR/L35060-12H	X	X	50	60	35	M16X1.5	CC..120408	1020-M4.5X16	AACN-2-0003	AAV-10-M4.5X8	80-T20	317€
MAKAC6SCLCR/L45065-12H	X	X	63	65	45	M20X2	CC..120408	1020-M4.5X16	AACN-2-0003	AAV-10-M4.5X8	80-T20	335€

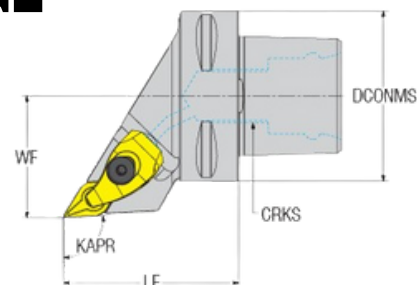


PORTE OUTIL TOURNAGE POLYGONAL

• ISO26623-1



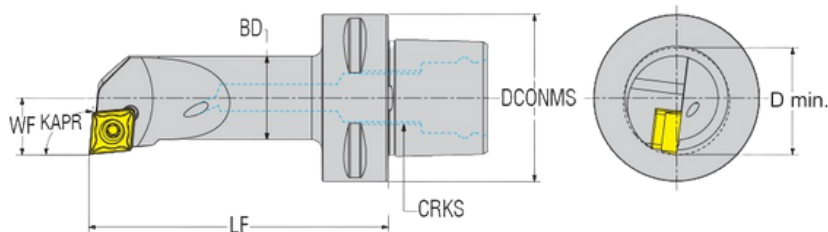
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CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	VIS	ASSISE	VIS DE CALE	CLÉ	TARIF
MAKAC4SDJCR/L27050-11H	X	X	40	50	27	M14X1.5	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-08-M3.5X8	80-T15	297€
MAKAC5SDJCR/L35060-11H	X	X	50	60	35	M16X1.5	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-06-M3.5X11	80-T15	317€
MAKAC6SDJCR/L45065-11H	X	X	63	65	45	M20X2	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-06-M3.5X11	80-T15	335€



KAPR=95°



CODE ARTICLE	R	L	DCONMS	LF	WF	BD	D.MIN	CRKS	PLAQUETTES	VIS	ASSISE	VIS DE CALE	CLÉ	TARIF
MAKAC4SCLCR/L17090-12H	X	X	40	90	17	25	32	M14X1.5	CC..120408	4020-M4.5X12	AACN-2-0003	AAV-10-M4.5X8	80-T20	374€
MAKAC5SCLCR/L17090-12H	X	X	50	90	17	25	32	M16X1.5	CC..120408	4020-M4.5X12	AACN-2-0003	AAV-10-M4.5X8	80-T20	407€

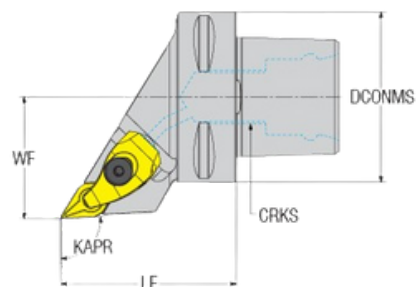


PORTE OUTIL TOURNAGE POLYGONAL

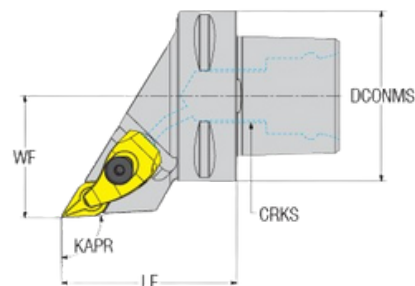
• **ISO26623-1**



KAPR=95°



CODE ARTICLE	R	L	DCONMS	LF	WF	BD	D.MIN	CRKS	PLAQUETTES	VIS	ASSISE	VIS DE CALE	CLÉ	TARIF
MAKAC4SDUCR/L13080-11H	X	X	40	80	13	20	25	M14X1.5	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-08-M3.5X8	80-T15	374€
MAKAC4SDUCR/L17090-11H	X	X	40	90	17	20	25	M14X1.5	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-08-M3.5X8	80-T15	374€
MAKAC5SDUCR/L13080-11H	X	X	50	80	13	25	32	M16X1.5	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-08-M3.5X8	80-T15	407€
MAKAC5SDUCR/L17090-11H	X	X	50	90	17	25	32	M16X1.55	DC..11T308	4015-M3.5X11	AADN-2-0001	AAV-08-M3.5X8	80-T15	407€

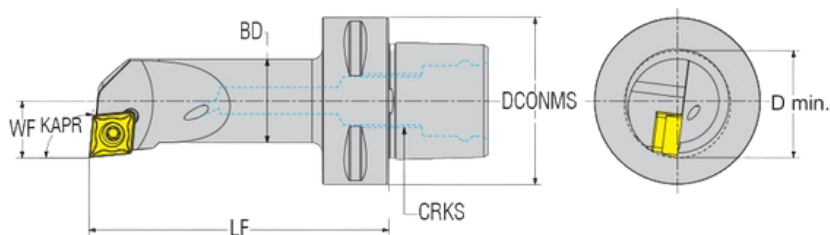


CODE ARTICLE	R	L	DCONMS	LF	WF	CRKS	PLAQUETTES	VIS	ASSISE DROITE	ASSISE GAUCHE	VIS DE CALE	BAGUE DE VIS DE CALE	CLÉ	TARIF
MAKAC4TER/L27050-16H	X	X	40	50	27	M14X1.5	16ER/EL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	303€
MAKAC5TER/L35060-16H	X	X	50	60	35	M16X1.5	16ER/EL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	337€
MAKAC6TER/L45065-16H	X	X	63	65	45	M20X2	16ER/EL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	401€

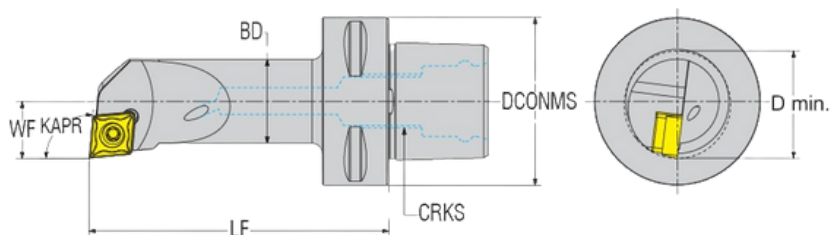


PORTE OUTIL TOURNAGE POLYGONAL

• ISO26623-1



CODE ARTICLE	R	L	DCONMS	LF	WF	BD	D.MIN	CRKS	PLAQUETTES	VIS	ASSISE DROITE	ASSISE GAUCHE	VIS DE CALE	BAGUE DE VIS DE CALE	CLÉ	TARIF
MAKAC4TIR/L14060-16H	X	X	40	60	14	20	33	M14X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	422€
MAKAC4TIR/L17070-16H	X	X	40	70	17	25	33	M14X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	422€
MAKAC4TIR/L22090-16H	X	X	40	90	22	32	40	M14X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	422€
MAKAC5TIR/L17070-16H	X	X	50	70	17	25	33	M16X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	463€
MAKAC5TIR/L22090-16H	X	X	50	90	22	32	33	M16X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	463€
MAKAC5TIR/L27105-16H	X	X	50	105	27	40	40	M16X1.5	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	463€
MAKAC6TIR/L22090-16H	X	X	50	75	17	25	33	M20X2	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	534€
MAKAC6TIR/L22090-16H	X	X	50	90	22	32	33	M20X2	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	534€
MAKAC6TIR/L27105-16H	X	X	50	105	27	40	40	M20X2	16IR/IL	1710-U5-40X12.2	ATS-16E	ATS-16I	AAV-11-U5-40X4.5	ABPL-03	82-T10	534€



PINCES ER16 / ER20 / ER25 / ER32

PINCES HC20



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PINCES ER16 STANDARD

- PRÉCISION <10 MICRONS
- PLAGE DE SERRAGE 1.0-10.0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER16-1.5/1.0	PINCES ER16 STANDARD (PRÉCISION 10 MICRONS)	1.5-1.0	7€
MAKER16-2.5/2.0		2.5-2.0	7€
MAKER16-4.0/3.0		4.0-3.0	7€
MAKER16-6.0/5.0		6.0-5.0	7€
MAKER16-8.0/7.0		8.0-7.0	7€
MAKER16-10.0/9.0		10.0-9.0	7€



PINCES ER16 PRÉCISION

- PRÉCISION <5 MICRONS
- PLAGE DE SERRAGE 1.0-10.0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER16-1.5/1.0P	PINCES ER20 STANDARD (PRÉCISION 5 MICRONS)	1.5-1.0	12€
MAKER16-2.5/2.0P		2.5-2.0	12€
MAKER16-4.0/3.0P		4.0-3.0	12€
MAKER16-6.0/5.0P		6.0-5.0	12€
MAKER16-8.0/7.0P		8.0-7.0	12€
MAKER16-10.0/9.0P		10.0-9.0	12€



PINCES ER20 STANDARD

- PRÉCISION <10 MICRONS
- PLAGE DE SERRAGE 1.0-13.0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER20-1.5/1.0	PINCES ER20 STANDARD (PRÉCISION 10 MICRONS)	1.5-1.0	7€
MAKER20-2.5/2.0		2.5-2.0	7€
MAKER20-4.0/3.0		4.0-3.0	7€
MAKER20-6.0/5.0		6.0-5.0	7€
MAKER20-8.0/7.0		8.0-7.0	7€
MAKER20-10.0/9.0		10.0-9.0	7€
MAKER20-12.0/11.0		12.0-11.0	7€
MAKER20-13.0/12.0		13.0-12.0	7€



PINCES ER20 PRÉCISION

- PRÉCISION <5 MICRONS
- PLAGE DE SERRAGE 1.0-13.0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER16-1.5/1.0P	PINCES ER20 STANDARD (PRÉCISION 5 MICRONS)	1.5-1.0	12€
MAKER16-2.5/2.0P		2.5-2.0	12€
MAKER16-4.0/3.0P		4.0-3.0	12€
MAKER16-6.0/5.0P		6.0-5.0	12€
MAKER16-8.0/7.0P		8.0-7.0	12€
MAKER16-10.0/9.0P		10.0-9.0	12€
MAKER20-12.0/11.0P		12.0-11.0	12€
MAKER20-13.0/12.0P		13.0-12.0	12€



PINCES ER25 STANDARD

- PRÉCISION <10 MICRONS
- PLAGE DE SERRAGE 1,0-20,0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER25-1.5/1.0	PINCES ER25 STANDARD (PRÉCISION 10 MICRONS)	1.5-1.0	7€
MAKER25-2.5/2.0		2.5-2.0	7€
MAKER25-4.0/3.0		4.0-3.0	7€
MAKER25-6.0/5.0		6.0-5.0	7€
MAKER25-8.0/7.0		8.0-7.0	7€
MAKER25-10.0/9.0		10.0-9.0	7€
MAKER25-12.0/11.0		12.0-11.0	7€
MAKER25-13.0/12.0		13.0-12.0	7€
MAKER25-15.0/14.0		15.0-14.0	7€
MAKER25-17.0/16.0		17.0-16.0	7€
MAKER25-19.0/18.0		19.0-18.0	7€
MAKER25-20.0/19.0		20.0-19.0	7€



PINCES ER25 PRÉCISION

- PRÉCISION <5 MICRONS
- PLAGE DE SERRAGE 1.0-20.0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER25-1.5/1.0P	PINCES ER25 PRÉCISION (PRÉCISION 5 MICRONS)	1.5-1.0	12€
MAKER25-2.5/2.0P		2.5-2.0	12€
MAKER25-4.0/3.0P		4.0-3.0	12€
MAKER25-6.0/5.0P		6.0-5.0	12€
MAKER25-8.0/7.0P		8.0-7.0	12€
MAKER25-10.0/9.0P		10.0-9.0	12€
MAKER25-12.0/11.0P		12.0-11.0	12€
MAKER25-13.0/12.0P		13.0-12.0	12€
MAKER25-15.0/14.0P		15.0-14.0	12€
MAKER25-17.0/16.0P		17.0-16.0	12€
MAKER25-19.0/18.0P		19.0-18.0	12€
MAKER25-20.0/19.0P		20.0-19.0	12€



PINCES ER32 STANDARD

- PRÉCISION <10 MICRONS
- PLAGE DE SERRAGE 2,0-20,0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER32-3.0/2.0	PINCES ER32 STANDARD (PRÉCISION 10 MICRONS)	3.0-2.0	7€
MAKER32-4.0/3.0		4.0-3.0	7€
MAKER32-5.0/4.0		5.0-4.0	7€
MAKER32-6.0/5.0		6.0-5.0	7€
MAKER32-8.0/7.0		8.0-7.0	7€
MAKER32-10.0/9.0		10.0-9.0	7€
MAKER32-12.0/11.0		12.0-11.0	7€
MAKER32-14.0/13.0		14.0-13.0	7€
MAKER32-16.0/15.0		16.0-15.0	7€
MAKER32-18.0/17.0		18.0-17.0	7€
MAKER32-20.0/19.0		20.0-19.0	7€



PINCES ER32 PRÉCISION

- PRÉCISION <5 MICRONS
- PLAGE DE SERRAGE 2,0-20,0mm

CODE ARTICLE	DESCRIPTION	LONG DE JAUGE (mm)	TARIF
MAKER32-3.0/2.0P	PINCES ER32 PRÉCISION (PRÉCISION 5 MICRONS)	3.0-2.0	12€
MAKER32-4.0/3.0P		4.0-3.0	12€
MAKER32-5.0/4.0P		5.0-4.0	12€
MAKER32-6.0/5.0P		6.0-5.0	12€
MAKER32-8.0/7.0P		8.0-7.0	12€
MAKER32-10.0/9.0P		10.0-9.0	12€
MAKER32-12.0/11.0P		12.0-11.0	12€
MAKER32-14.0/13.0P		14.0-13.0	12€
MAKER32-16.0/15.0P		16.0-15.0	12€
MAKER32-18.0/17.0P		18.0-17.0	12€
MAKER32-20.0/19.0P		20.0-19.0	12€





PINCES HC20 HYDRAULIQUE

CODE ARTICLE	DESCRIPTION	TARIF
MAKHC20-6	Ø6	28€
MAKHC20-8	Ø8	28€
MAKHC20-10	Ø10	28€
MAKHC20-12	Ø12	28€
MAKHC20-16	Ø16	28€



COFFRET DE PINCES ER



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COFFRETS DE PINCES ER

CODE ARTICLE	DESCRIPTION	PRÉCISION	PLAGE DE SERRAGE DES PINCES	TARIF
MAKCOFFRET-ER11-STAND	ER11 COFFRETS STANDARDS	<10 MICRONS	1-7mm (13PCS)	95€
MAKCOFFRET-ER16-STAND	ER16 COFFRETS STANDARDS	<10 MICRONS	1-10mm (10PCS)	70€
MAKCOFFRET-ER16-STAND/ETANCHE	ER16 COFFRETS STANDARDS ETANCHES	<10 MICRONS	3-10mm (8PCS)	150€
MAKCOFFRET-ER16-PRECISION	ER16 COFFRETS PRECISION	<5 MICRONS	1-10mm (10PCS)	120€
MAKCOFFRET-ER20-STAND	ER20 COFFRETS STANDARDS	<10 MICRONS	2-13mm (12PCS)	85€
MAKCOFFRET-ER20-STAND/ETANCHE	ER20 COFFRETS STANDARDS ÉTANCHES	<10 MICRONS	3-13mm (10PCS)	250€
MAKCOFFRET-ER20-PRECISION	ER20 COFFRETS PRECISION	<5 MICRONS	2-13mm (12PCS)	145€
MAKCOFFRET-ER25-STAND	ER25 COFFRETS STANDARDS	<10 MICRONS	2-16mm (15PCS)	105€
MAKCOFFRET-ER25-STAND/ETANCHE	ER25 COFFRETS STANDARDS ÉTANCHES	<10 MICRONS	3-16mm (14PCS)	272€
MAKCOFFRET-ER25-PRECISION	ER25 COFFRETS PRECISION	<5 MICRONS	2-16mm (15PCS)	185€
MAKCOFFRET-ER32-STAND	ER32 COFFRETS STANDARDS	<10 MICRONS	3-20mm (18PCS)	126€
MAKCOFFRET-ER32-STAND/ETANCHE	ER32 COFFRETS STANDARDS ÉTANCHES	<10 MICRONS	3-20mm (18PCS)	350€
MAKCOFFRET-ER32-PRECISION	ER32 COFFRETS PRECISION	<5 MICRONS	3-20mm (18PCS)	215€



DÉMONTÉ CONE



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DÉMONTE CONE STYLE DOUBLE LOGEMENT

- BT DÉMONTE CONE PREND ÉGALEMENT LES DIN2080 EN POSITION VERTICALE UNIQUEMENT



CODE ARTICLE	DESCRIPTION	TARIF
MAKDC-BT40	BT40	84€
MAKDC-DIN40	DIN40/SK	84€

DÉMONTE CONE ROULEMENT À BILLES UN SEUL LOGEMENT



CODE ARTICLE	DESCRIPTION	TARIF
MAKDC-BT40/HSK63/C6	BT40/HSK63/C6	125€
MAKDC-DIN40	DIN40/SK	125€

ÉCROU ET ÉCROU MINI **POUR PINCES ER**



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ÉCROU POUR PINCES ER STANDARD

CODE ARTICLE	PINCE	TYPE D'ÉCROU	Ø D'ÉCROU (mm)	TARIF
MAKECROUER16	ER16	ÉCROU DE PINCE ER STANDARD (GST)	32	12€
MAKECROUER20	ER20		35	12€
MAKECROUER25	ER25		42	12€
MAKECROUER32	ER32		50	12€



ÉCROU MINI POUR PINCES ER

CODE ARTICLE	PINCE	TYPE D'ÉCROU	Ø D'ÉCROU (mm)	TARIF
MAKMINIECROUER11	ER11	MINI ÉCROU (GMT)	16	12€
MAKMINIECROUER16	ER16	MINI ÉCROU (GMT)	22	12€
MAKMINIECROUER20	ER20	MINI ÉCROU (GMT)	28	12€



CLÉ MINI POUR MANDRIN **À PINGES ER**



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CLÉ MINI POUR ÉCROU MINI DE PINCES ER

CODE ARTICLE	TYPE DE PINCE	TYPE DE CLÉ	TARIF
MAKMINICLE-ER8	ER8	CLÉ MINI (CMT)	12€
MAKMINICLE-ER11	ER11		12€
MAKMINICLE-ER16	ER16		12€
MAKMINICLE-ER20	ER20		12€
MAKMINICLE-ER25	ER25		12€





CLÉ STANDARD ER POUR ÉCROU DE PINCES ER

CODE ARTICLE	TYPE DE PINCE	TYPE DE CLÉ	TARIF
MAKCLE-ER16	ER16	CLÉ STANDARD (CST)	12€
MAKCLE-ER20	ER20		12€
MAKCLE-ER25	ER25		12€
MAKCLE-ER32	ER32		12€



ÉTAUX MODULAIRES **DE PRÉCISION** **EN STOCK**



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ÉTAUX MODULAIRE DE PRÉCISION

EN STOCK

CODE ARTICLE	DIMENSIONS	TARIF
MAK100X100	100X100mm	450€
MAK125X150	125X150mm	490€
MAK150X200	150X200mm	590€
MAK150X300	150X300mm	650€
MAK175X300	175X300mm	690€
MAK200X400	200X400mm	890€





PRODUITS SUR DEMANDE

B (mm)	H (mm)	Smax (mm)	L (mm)	
100	30	100	270	3000
125	40	150	345	3000
150	50	200	420	5000
150	50	300	520	5000
150	50	400	620	5000
175	60	200	455	6000
175	60	300	555	6000
175	60	400	655	6000
175	60	500	755	6000
175	60	600	855	6000
200	65	200	495	10000
200	65	300	595	10000
200	65	400	695	10000
200	65	500	795	10000
200	65	600	895	10000
300	80	200	535	12000
300	80	300	635	12000
300	80	400	735	12000
300	80	500	835	12000
300	80	600	935	12000
300	80	700	1035	12000
300	80	800	1135	12000



PRODUITS SUR DEMANDE

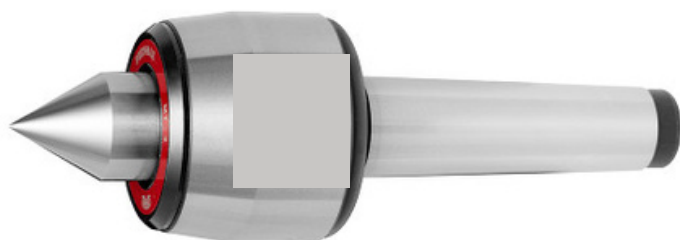
MANDRINS DE TARAUDAGE À CHANGEMENT RAPIDE



DOUILLES DE TARAUDAGE À CHANGEMENT RAPIDE



POINTE TOURNANTE CM3/CM4/CM5/CM6



PRODUITS SUR DEMANDE



PINCES SPÉCIALES



TIRETTES

MANDRIN TOUR



**MANDRINS DE
TARAUDAGE**



TETE À ALÉSER





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Mail : contact@makatec.fr***



TARIF 1/2025

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