HSK DIN 69893-1

16

NAREX MTE™

mexin

2005

DIN 69893-1
FORM A

KÓD – STRANA

ORDER NR. - PAGE

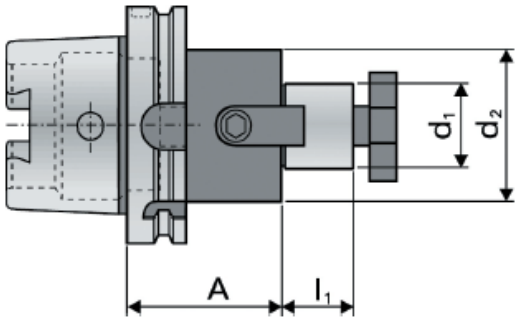
FRÉZOVACÍ TRNY
pro frézy s příčnou unášecí drážkou DIN 138
FRONTAL AUFSTECKFRÄSDORN
für Fräser mit Quernut DIN 138
FRONTAL SHELL MILL ADAPTORS
for cutters with driving slot DIN 138
MANDRINS PORTE-FRAISES FRONTAUX
pour fraises à entraînement par tenon DIN 138

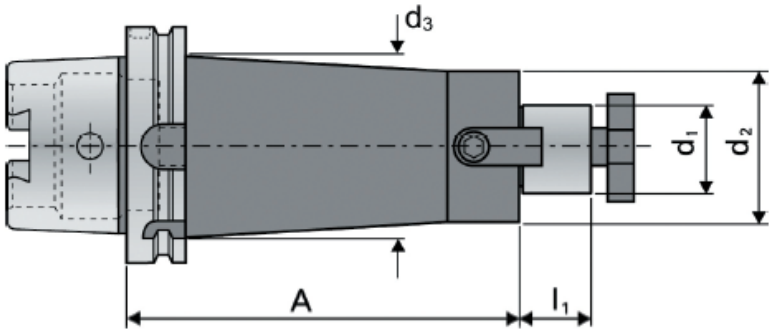
DIN 69893-1

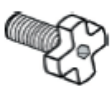
mexin

16.160

HSK FORM A





REF. 16.160	Cono HSK	d_1 mm	d_2 mm	A mm	l_1 mm	d_3 mm		
16.160.050.16	**50**	16	38	50	17		89.100.16	89.176.16
16.160.050.22		22	48	50	19		89.100.22	89.176.22
16.160.050.27		27	58	60	21		89.100.27	89.176.27
16.160.063.16	**63**	16	38	50	17		89.100.16	89.176.16
16.160.063.16/100		16	38	100	17	46	89.100.16	89.176.16
16.160.063.16/160		16	38	160	17	46	89.100.16	89.176.16
16.160.063.22		22	48	50	19		89.100.16	89.176.16
16.160.063.22/100		22	48	100	19	53	89.100.16	89.176.16
16.160.063.22/160		22	48	160	19	53	89.100.16	89.176.16
16.160.063.27		27	58	60	21		89.100.22	89.176.22
16.160.063.27/100		27	58	100	21		89.100.22	89.176.22
16.160.063.27/160		27	58	160	21		89.100.22	89.176.22
16.160.063.32		32	64	60	24		89.100.22	89.176.22
16.160.063.32/100		32	64	100	24		89.100.22	89.176.22
16.160.063.32/160		32	64	160	24		89.100.22	89.176.22
16.160.063.40		40	80	60	27		89.100.27	89.176.27
16.160.063.40/100		40	80	100	27		89.100.27	89.176.27
16.160.100.16	**100**	16	38	50	17		89.100.16	89.176.16
16.160.100.22		22	48	50	19		89.100.32	89.176.32
16.160.100.27		27	55	50	21		89.100.32	89.176.32
16.160.100.32		32	64	50	24		89.100.40	89.176.40
16.160.100.40		40	80	60	27		89.100.16	89.176.16

KOMBINOVANÉ FRÉZOVACÍ TRNY
pro frézy s podélnou nebo příčnou unášecí drážkou DIN 138
KOMBI-AUFSTECKFRÄSDORN
für Fräser mit Länge- oder Quernut DIN 138
COMBINATION SHELL MILL ADAPTORS
for cutters with keyway or driving slot DIN 138
MANDRINS PORTE-FRAISES A DOUBLE USAGE
pour fraises à entraînement par clavette ou tenon DIN 138

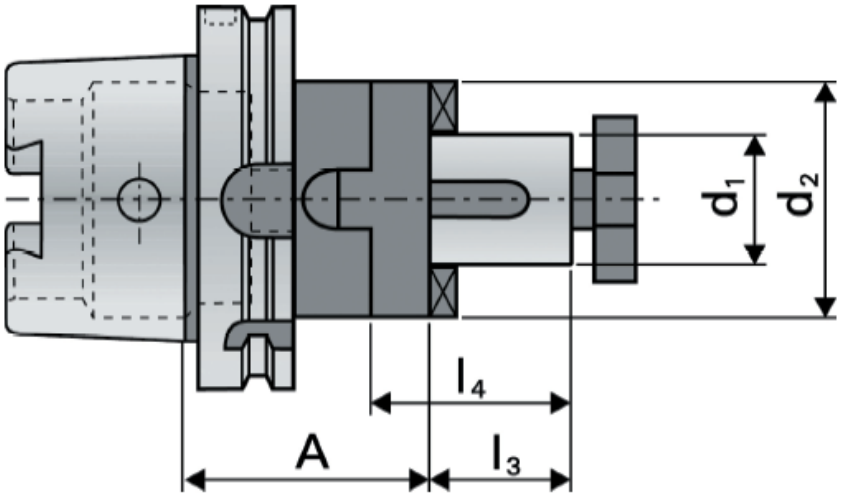
DIN 69893-1

mexin

DIN 6358 Form B

16.180

HSK FORM A



REF. 16.180	Cono HSK	d_1 h6 mm	A mm	l_3 mm	l_4 mm	d_2 mm			
16.180.063.16	**63**	16	55	17	27	32	89.100.16	89.161.16	89.141.16
16.180.063.16/100		16	100	17	27	32	89.100.16	89.161.16	89.141.16
16.180.063.22		22	55	19	31	40	89.100.22	89.161.22	89.141.22
16.180.063.22/100		22	100	19	31	40	89.100.22	89.161.22	89.141.22
16.180.063.27		27	55	21	33	48	89.100.27	89.161.27	89.141.27
16.180.063.27/100		27	100	21	33	48	89.100.27	89.161.27	89.141.27
16.180.063.32		32	60	24	38	58	89.100.32	89.161.32	89.141.32
16.180.063.32.100		32	100	24	38	58	89.100.32	89.161.32	89.141.32
16.180.063.40		40	60	27	41	70	89.100.40	89.161.40	89.141.40
16.160.063.40/100		40	100	27	41	70	89.100.40	89.161.40	89.141.40
16.180.100.16	**100**	16	55	17	27	32	89.100.16	89.161.16	89.141.16
16.180.100.16/100		16	100	17	27	32	89.100.16	89.161.16	89.141.16
16.180.100.22		22	55	19	31	40	89.100.22	89.161.22	89.141.22
16.180.100.22/100		22	100	19	31	40	89.100.22	89.161.22	89.141.22
16.180.100.27		27	55	21	33	48	89.100.27	89.161.27	89.141.27
16.180.100.27/100		27	100	21	33	48	89.100.27	89.161.27	89.141.27
16.180.100.32		32	60	24	38	58	89.100.32	89.161.32	89.141.32
16.180.100.32/100		32	100	24	38	58	89.100.32	89.161.32	89.141.32
16.180.100.40		40	60	27	41	70	89.100.40	89.161.40	89.141.40
16.180.100.40/100		40	100	27	41	70	89.100.40	89.161.40	89.141.40

REDUKCE
pro stopky Morse (Mk) dle DIN 228-A
EINSATZHÜLSEN
für Werkzeuge mit Morsekegel und Anzugsgewinde DIN 228-A
REDUCING ADAPTORS
for tools with Morse taper shank and drawbar thread DIN 228-A
DOUILLES DE RÉDUCTION
pour outils à cône Morse à trou fileté DIN 228-A

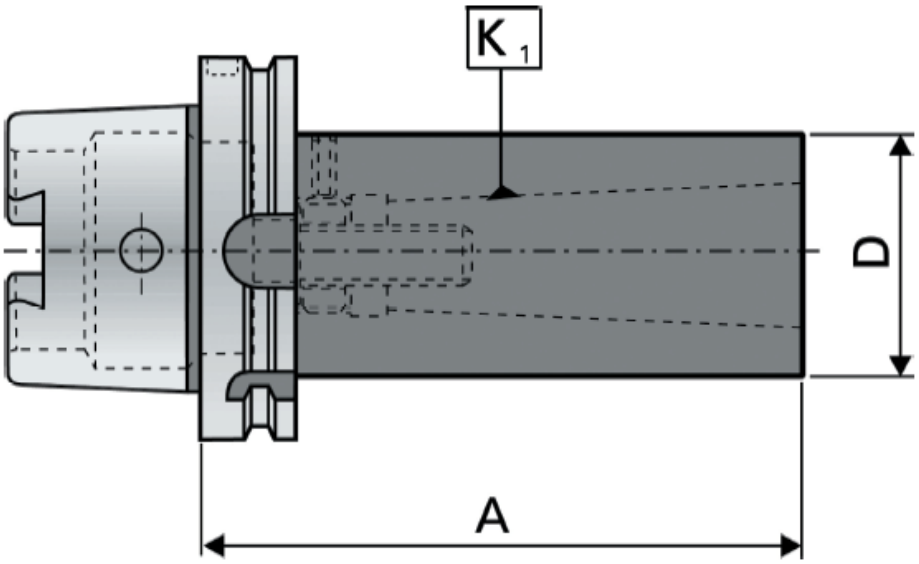
DIN 69893-1

mexin

DIN 6364

16.210

HSK FORM A



REF. 16.210		A mm	D mm	
16.210.050.01	**50**	100	25	89.127.51
16.210.050.02		120	32	89.127.52
16.210.050.03		140	40	89.127.53
16.210.063.01	**63**	100	25	89.127.61
16.210.063.02		120	32	89.127.62
16.210.063.03		140	40	89.127.63
16.210.063.04		160	48	89.127.64
16.210.100.02	**100**	120	32	89.127.12
16.210.100.03		150	40	89.127.13
16.210.100.04		170	48	89.127.14
16.210.100.05		200	63	89.127.15

REDUKCE

pro stopky Morse dle normy DIN 228B nebo DIN 228A

EINSATZHÜLSEN

für Werkzeuge mit Morsekegel mit Austreiblappen DIN 228-B oder Anzugsgewinde DIN 228-A

REDUCING ADAPTORS

for tools with Morse taper and tang DIN 228-B shank or drawbar thread DIN 228-A

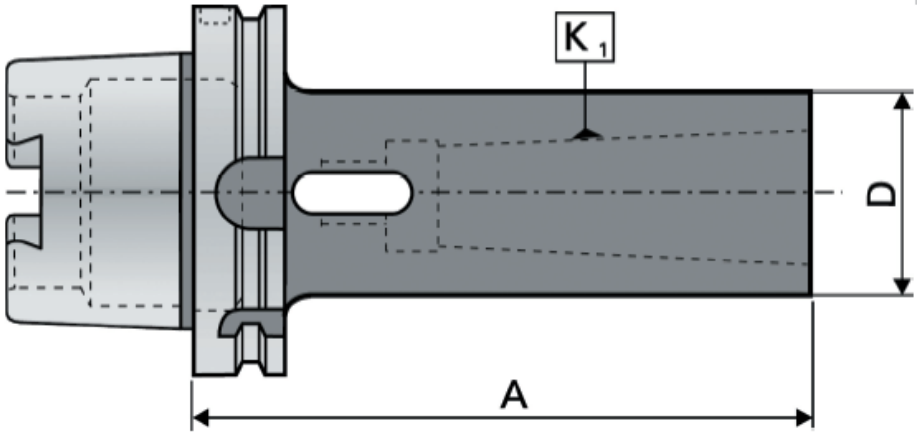
DOUILLES DE RÉDUCTION

pour outils à cône Morse à tenon DIN 228-B ou trou fileté DIN 228-A

DIN 69893-1

16.215

HSK FORM A



REF. 16.215		K_1 MORSE	A mm	D mm
16.215.050.01	50	1	100	25
16.215.050.02		2	120	32
16.215.050.03		3	140	40
16.215.063.01	63	1	100	25
16.215.063.02		2	120	32
16.215.063.03		3	140	40
16.215.063.04		4	160	48
16.215.100.02	100	2	120	32
16.215.100.03		3	150	40
16.215.100.04		4	170	48
16.215.100.05		5	200	63

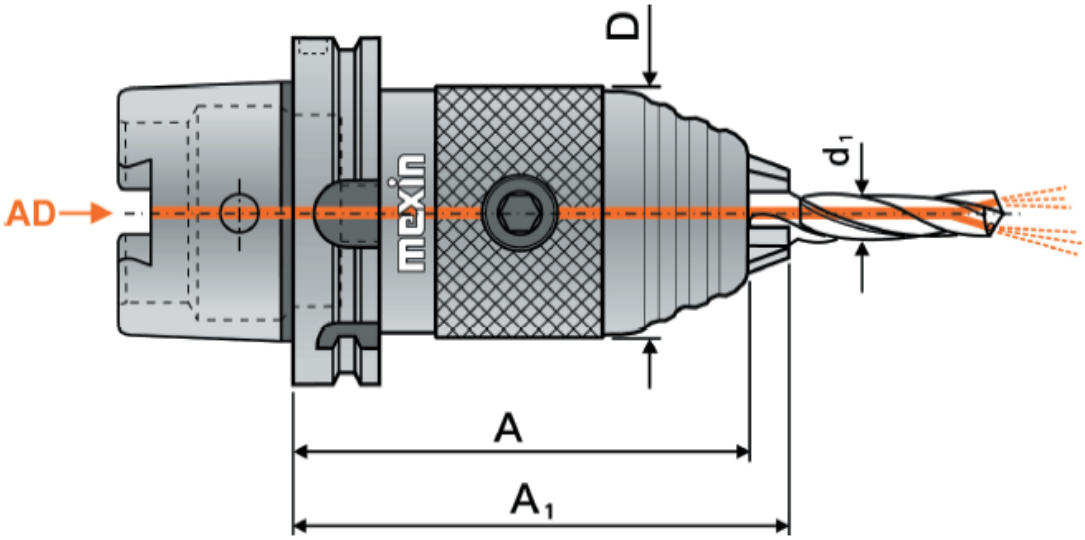
PŘESNÁ UNIVERZÁLNÍ CNC VRTACÍ HLAVIČKA
pro pravý a levý směr otáček
CNC-UNIVERSAL PRÄZISIONS SPANNFUTTER
Für links und rechtslauf geeignet und inner Kühlung
CNC-UNIVERSAL PRECISION DRILL CHUCKS
For left and right hands turn and internal coolant
MANDRINS DE PERÇAGE DE PRECISION CNC-UNIVERSEL
Pour sens de rotation à gauche et à droite et arrossage par l'intérieur

DIN 69893-1

16.296

HSK FORM A

UPÍNACÍ MOMENT:
ANZUGSMOMENT:
TIGHTENING TORQUE:
COUPLE DE SERRAGE:
> 70 Nm



REF. 16.296		d_1 mm	D mm	A mm	A_1max mm		3
16.296.050.13	**50**	1-13	50	86,4	93,4	89.206.06	89.220.13
16.296.050.16		3-16	56	96,4	103,4	89.206.06	89.220.13
16.296.063.13	**63**	1-13	50	89,4	96,4	89.206.06	89.220.13
16.296.063.16		3-16	56	96,4	103,4	89.206.06	89.220.13
16.296.100.13	**100**	1-13	50	100,4	107,4	89.206.06	89.220.13
16.296.100.16		3-16	56	107,4	114,4	89.206.06	89.220.13

*** DODÁVKA S KLÍČEM** * GELIEFERT MIT SCHLÜSSEL * SUPPLIED WITH WRENCH * LIVRÉ AVEC CLEF

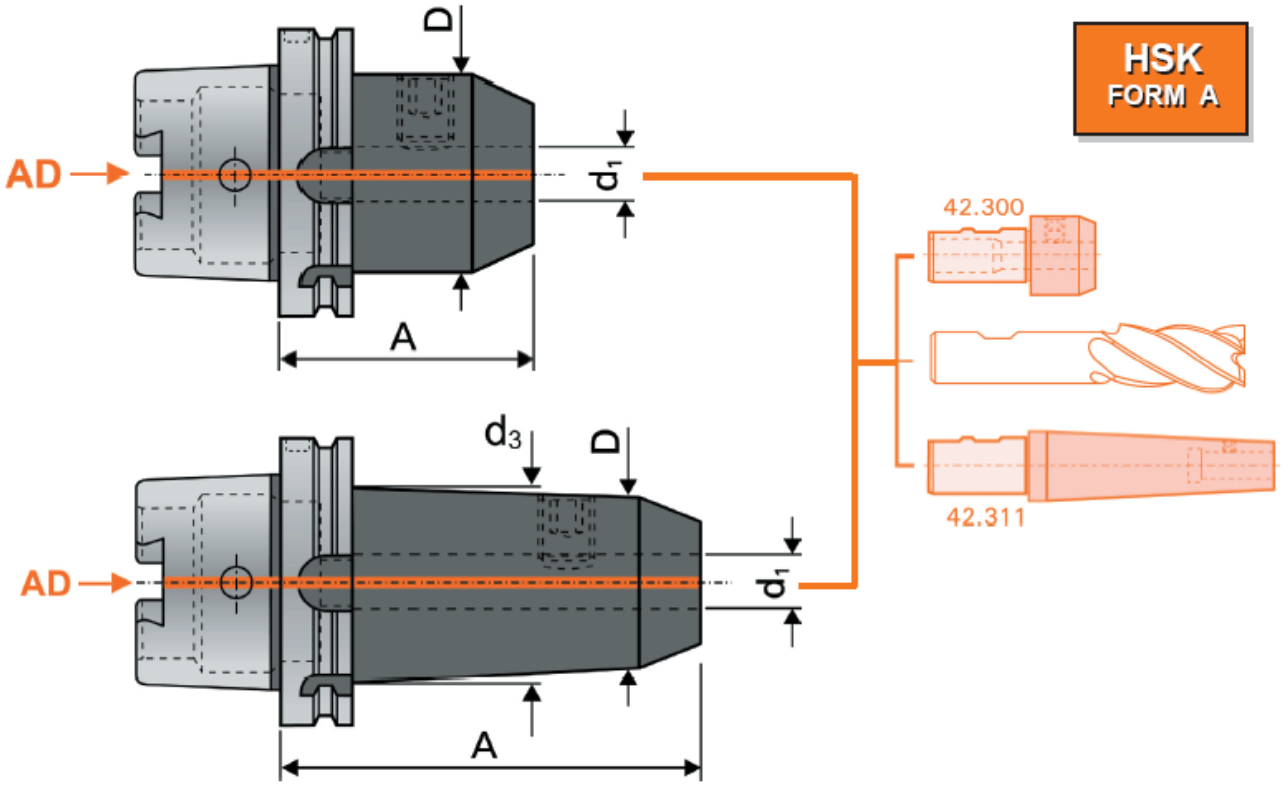
DRŽÁKY PRO UPÍNÁNÍ FRÉZ
s válcovou stopkou s ploškou DIN 1835-B WELDON
WELDON FRÄSERAUFNAHMEN
für Fräser mit Zylinderschaft und Mitnahmefläche DIN 1835-B
WELDON END MILL ADAPTORS
for cutters with cylindrical shank and weldon flat DIN 1835-B
MANDRINS PORTE-FRAISES TYPE WELDON
pour fraises à queue cylindrique à méplat DIN 1835-B

DIN 69893-1

mexin

16.300

HSK FORM A



REF. 16.300	Cono HSK	d_1 mm	A mm	D mm	d_3 mm		REF. 16.300	Cono HSK	d_1 mm	A mm	D mm	d_3 mm	
16.300.050.06	50	6	65	25		89.122.20	16.300.100.06	100	6	80	25		89.122.20
16.300.050.08		8	65	28		89.122.35	16.300.100.06/160		6	160	25	30	89.122.20
16.300.050.10		10	65	35		89.122.40	16.300.100.08		8	80	28		89.122.35
16.300.050.12		12	80	42			16.300.100.08/160		8	160	28	32	89.122.35
16.300.050.14		14	80	44		89.122.50	16.300.100.10		10	80	35		89.122.40
16.300.050.16		16	80	48		89.122.60	16.300.100.10/160		10	160	35	32	89.122.40
16.300.050.18		18	80	50		89.122.60	16.300.100.12		12	80	42		89.122.50
16.300.050.20		20	80	52		89.122.65	16.300.100.12/160		12	160	42	45	89.122.50
							16.300.100.14		14	80	44		89.122.50
16.300.063.06	63	6	65	25		89.122.20	16.300.100.14/160		14	160	44	48	89.122.50
16.300.063.06/160		6	160	25	30	89.122.20	16.300.100.16		16	100	48		89.122.60
16.300.063.08		8	65	28		89.122.35	16.300.100.16/160		16	160	48	52	89.122.60
16.300.063.08/160		8	160	28	32	89.122.35	16.300.100.18		18	100	50		89.122.60
16.300.063.10		10	65	35		89.122.40	16.300.100.18/160		18	160	50	52	89.122.60
16.300.063.10/160		10	160	35	32	89.122.40	16.300.100.20		20	100	52		89.122.65
16.300.063.12		12	80	42		89.122.50	16.300.100.20/160		20	160	52		89.122.65
16.300.063.12/160		12	160	42	45	89.122.50	16.300.100.25		25	100	65		89.122.75
16.300.063.14		14	80	44		89.122.50	16.300.100.25/160		25	160	65		89.122.75
16.300.063.14/160		14	160	44	48	89.122.50	16.300.100.32		32	100	72		89.122.80
16.300.063.16		16	80	48		89.122.60	16.300.100.32/160		32	160	72		89.122.80
16.300.063.16/160		16	160	48	52	89.122.60	16.300.100.40		40	100	80		89.122.80
16.300.063.18		18	80	50		89.122.60	16.300.100.40/160		40	160	80		89.122.80
16.300.063.18/160		18	160	50	52	89.122.60							
16.300.063.20		20	80	52		89.122.65							
16.300.063.20/160		20	160	52		89.122.65							
16.300.063.25		25	110	65		89.122.75							
16.300.063.25/160		25	160	65		89.122.75							
16.300.063.32		32	110	72		89.122.80							
16.300.063.32/160		32	160	72		89.122.80							

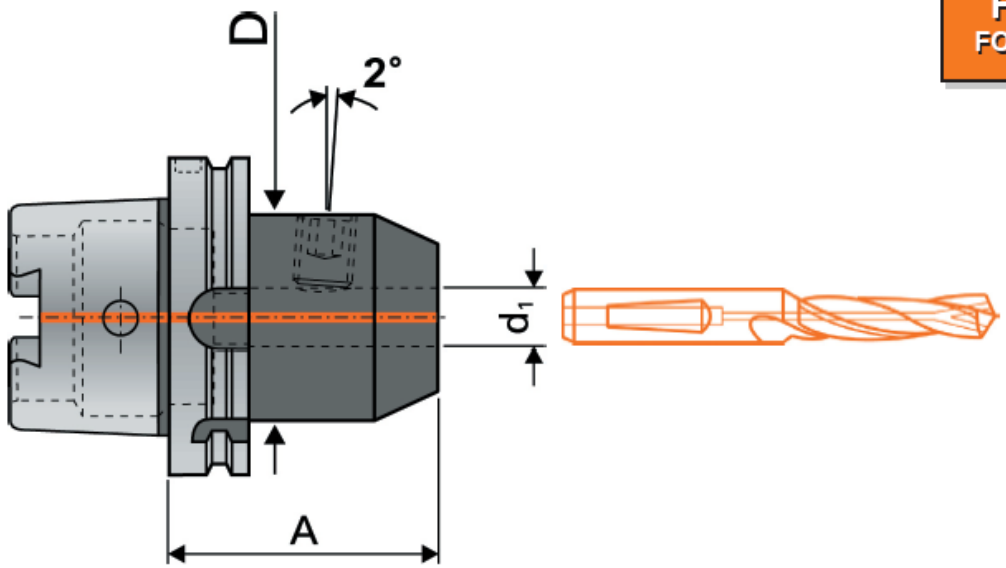
DRŽÁKY PRO UPÍNÁNÍ FRÉZ
s válcovou stopkou s ploškou DIN 1835-B
FRÄSERAUFNAHMEN TYPE WHISTLE-NOTCH
für Werkzeuge mit Zylinderschaft und schräger Spannfläche DIN 1835-E
END MILL ADAPTORS TYPE WHISTLE-NOTCH
for tools with cylindrical shank and inclined flat DIN 1835-E
MANDRINS PORTE-FRAISES TYPE WHISTLE-NOTCH
pour outils à queue cylindrique et à méplat incliné DIN 1835-E

DIN 69893-1

mexin

16.305

HSK FORM A



REF. 16.305	Cono HSK	d_1 H4 mm	A mm	D mm		
16.305.050.06	50	6	65	25	89.190.15	89.122.20
16.305.050.08		8	65	28	89.190.21	89.122.35
16.305.050.10		10	65	35	89.190.37	89.122.40
16.305.050.12		12	80	42	89.190.43	89.122.50
16.305.050.14		14	80	44	89.190.43	89.122.50
16.305.050.16		16	80	48	89.190.51	89.122.60
16.305.050.18		18	80	50	89.190.51	89.122.60
16.305.050.20		20	80	52	89.190.66	89.122.65
16.305.063.06	63	6	65	25	89.190.15	89.122.20
16.305.063.08		8	65	28	89.190.21	89.122.35
16.305.063.10		10	65	35	89.190.37	89.122.40
16.305.063.12		12	80	42	89.190.43	89.122.50
16.305.063.14		14	80	44	89.190.43	89.122.50
16.305.063.16		16	80	48	89.190.51	89.122.60
16.305.063.18		18	80	50	89.190.51	89.122.60
16.305.063.20		20	80	52	89.190.66	89.122.65
16.305.063.25		25	110	65	89.190.82	89.122.75
16.305.063.32		32	110	72	89.190.82	89.122.80
16.305.100.06	100	6	80	25	89.190.15	89.122.20
16.305.100.08		8	80	28	89.190.21	89.122.35
16.305.100.10		10	80	35	89.190.37	89.122.40
16.305.100.12		12	80	42	89.190.43	89.122.50
16.305.100.14		14	80	44	89.190.43	89.122.50
16.305.100.16		16	100	48	89.190.51	89.122.60
16.305.100.18		18	100	50	89.190.51	89.122.60
16.305.100.20		20	100	52	89.190.66	89.122.65
16.305.100.25		25	100	65	89.190.82	89.122.75
16.305.100.32		32	100	72	89.190.82	89.122.80
16.305.100.40		40	100	80	89.190.82	89.122.80

KLEŠTINOVÉ UPÍNAČE PRO ER KLEŠTINY DIN 6499

pro nástroje s válcovou stopkou dle DIN 1835-B

FRÄSERSPANNFUTTER FÜR DIN 6499 (ER) SPANNZANGEN

für Werkzeuge mit Zylinderschaft

COLLET CHUCKS FOR DIN 6499 (ER) COLLETS

for tools with cylindrical shank

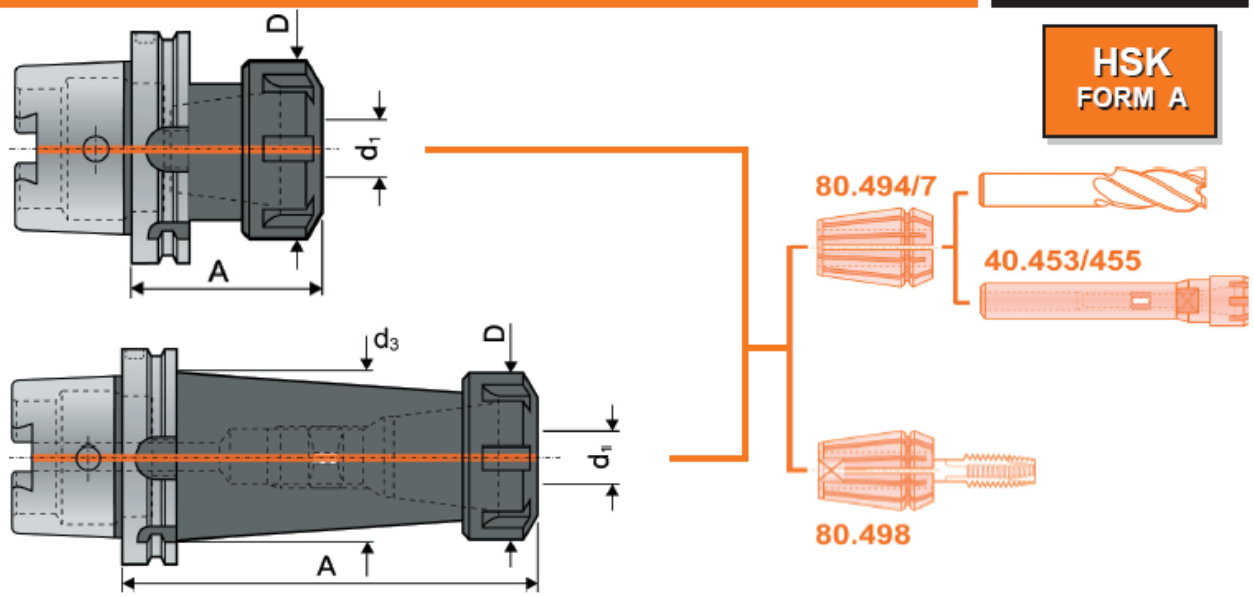
PORTEPINCES POUR PINCES DIN 6499 (ER)

pour outils à queue cylindriquepour outils à queue cylindrique

DIN 69893-1

16.451/3

HSK FORM A



MATICE S LOŽISKEM
MIT KUGEL-SPANNMUTTER
WITH BALL BEARING NUT
AVEC ÉCROU À BILLES

STANDARDNÍ MATICE
MIT NORMALER-SPANNMUTTER
WITH NORMAL NUT
AVEC ÉCROU NORMAL

UPÍNACÍ MOMENT
ANZUGSMOMENT
TIGHTENING TORQUE
COUPLE DE SERRAGE
> 150 Nm - Ø20

REF. 16.451	80.491	REF. 16.453	80.493	Cono HSK	A mm		d_1 mm	D mm	d_3 mm		
16.451.050.10	80.491.10	**16.453.050.10**	80.493.10	**50**	100	ER 16	0,5-10	32		89.202.10	89.192.10
16.451.050.13	80.491.13	**16.453.050.13**	80.493.13		100	ER 20	1-13	35		89.202.13	89.192.13
16.451.050.16	80.491.16	**16.453.050.16**	80.493.16		100	ER 25	1-16	42		89.202.16	89.192.16
16.451.050.16/160	80.491.16	**16.453.050.16/160**	80.493.16		160	ER 25	1-16	42		89.202.16	89.192.16
16.451.050.20	80.491.20	**16.453.050.20**	80.493.20		100	ER 32	2-20	50		89.202.20	89.192.20
16.451.050.20/160	80.491.20	**16.453.050.20/160**	80.493.20		160	ER 32	2-20	50		89.202.20	89.192.20
16.451.050.26	80.491.26	**16.453.050.26**	80.493.26		100	ER 40	3-30	63		89.202.26	89.192.26
16.451.063.10	80.491.10	**16.453.063.10**	80.493.10	**63**	100	ER 16	0,5-10	32		89.202.10	89.192.10
16.451.063.10/160	80.491.10	**16.453.063.10/160**	80.493.10		160	ER 16	0,5-10	32	32	89.202.10	89.192.10
16.451.063.13	80.491.13	**16.453.063.13**	80.493.13		100	ER 20	1-13	35		89.202.13	89.192.13
16.451.063.13/160	80.491.13	**16.453.063.13/160**	80.493.13		160	ER 20	1-13	35	35	89.202.13	89.192.13
16.451.063.16	80.491.16	**16.453.063.16**	80.493.16		100	ER 25	1-16	42		89.202.16	89.192.16
16.451.063.16/160	80.491.16	**16.453.063.16/160**	80.493.16		160	ER 25	1-16	42	42	89.202.16	89.192.16
16.453.063.20	80.491.20	**16.453.063.20**	80.493.20		100	ER 32	2-20	50		89.202.20	89.192.20
16.451.063.20/160	80.491.20	**16.453.063.20/160**	80.493.20		160	ER 32	2-20	50	50	89.202.20	89.192.20
16.451.063.26	80.491.26	**16.453.063.26**	80.493.26		100	ER 40	3-30	63		89.202.26	89.192.26
16.451.063.26/160	80.491.26	**16.453.063.26/160**	80.493.26		160	ER 40	3-30	63		89.202.26	89.192.26
16.451.100.10	80.491.10	**16.453.100.10**	80.493.10	**100**	100	ER 16	0,5-10	32		89.202.10	89.192.10
16.451.100.13	80.491.13	**16.453.100.13**	80.493.13		100	ER 20	1-13	35		89.202.13	89.192.13
16.451.100.16	80.491.16	**16.453.100.16**	80.493.16		100	ER 25	1-16	42		89.202.16	89.192.16
16.451.100.16/160	80.491.16	**16.453.100.16/160**	80.493.16		160	ER 25	1-16	42	42	89.202.16	89.192.16
16.451.100.20	80.491.20	**16.453.100.20**	80.493.20		100	ER 32	2-20	50		89.202.20	89.192.20
16.451.100.20/160	80.491.20	**16.453.100.20/160**	80.493.20		160	ER 32	2-20	50	50	89.202.20	89.192.20
16.451.100.26	80.491.26	**16.453.100.26**	80.493.26		100	ER 40	3-30	63		89.202.26	89.192.26
16.451.100.26/160	80.491.26	**16.453.100.26/100**	80.493.26		160	ER 40	3-30	63	63	89.202.26	89.192.26

*** DODÁVKA BEZ KLÍČE** * GELIEFERT OHNE SCHLÜSSEL * SUPPLIED WITHOUT WRENCH * LIVRÉ SANS CLEF

DLOUHÉ KLEŠTINOVÉ UPÍNAČE PRO ER KLEŠTINY DIN 6499

pro nástroje s válcovou stopkou

LANGE SPANNFUTTER FÜR DIN 6499 (ER) SPANNZANGEN

für Werkzeuge mit Zylinderschaft

LONG COLLET CHUCKS FOR DIN 6499 (ER) COLLETS

for tools with cylindrical shank

PORTEPINCES ALLONGÉS POUR PINCES DIN 6499 (ER)

pour outils à queue cylindrique

DIN 69893-1

16.455

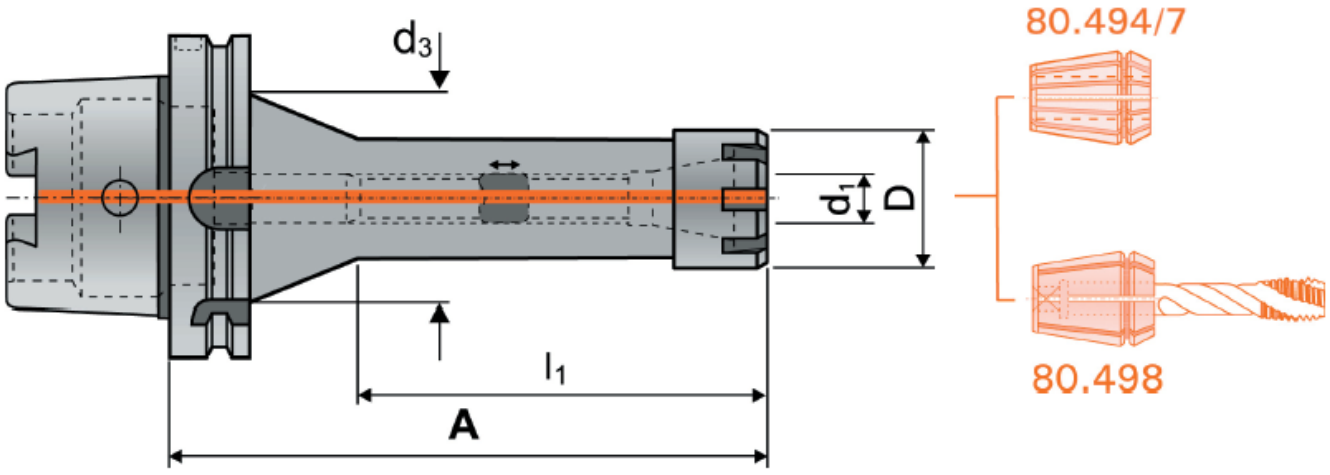
HSK FORM A

S «MINI» KLEŠTINOVOU MATICÍ

MIT «MINI» MUTTER

WITH «MINI» COLLET NUT

AVEC ÉCROU «MINI»



REF. 16.455	Cono HSK		d_1 mm	A mm	D mm	l_1 mm	d_3 mm	MINI		
16.455.050.10	**50**	ER 16	0,5-10	100	22			80.495.10	89.205.10	89.192.10
16.455.050.10/160		ER 16	0,5-10	160	22	100	30	80.495.10	89.205.10	89.192.10
16.455.063.10	**63**	ER 16	0,5-10	100	22			80.495.10	89.205.10	89.192.10
16.455.063.10/160		ER 16	0,5-10	160	22	100	30	80.495.10	89.205.10	89.192.10
16.455.063.13		ER 20	1-13	100	28			80.495.13	89.205.13	89.192.13
16.455.063.13/160		ER 20	1-13	160	28	100	30	80.495.13	89.205.13	89.192.13
16.455.063.16		ER 25	1-16	100	35			80.495.16	89.205.16	89.192.16
16.455.063.16/160		ER 25	1-16	160	35	100	30	80.495.16	89.205.16	89.192.16
16.455.100.10	**100**	ER 16	0,5-10	100	22			80.495.10	89.205.10	89.192.10
16.455.100.10/160		ER 16	0,5-10	160	22	100	30	80.495.10	89.205.10	89.192.10

*** DODÁVKA BEZ KLÍČE** * GELIEFERT OHNE SCHLÜSSEL * SUPPLIED WITHOUT WRENCH * LIVRÉ SANS CLEF

POLOTOVAR
pro upínače, vyvrtávací tyče

ROHLINGE

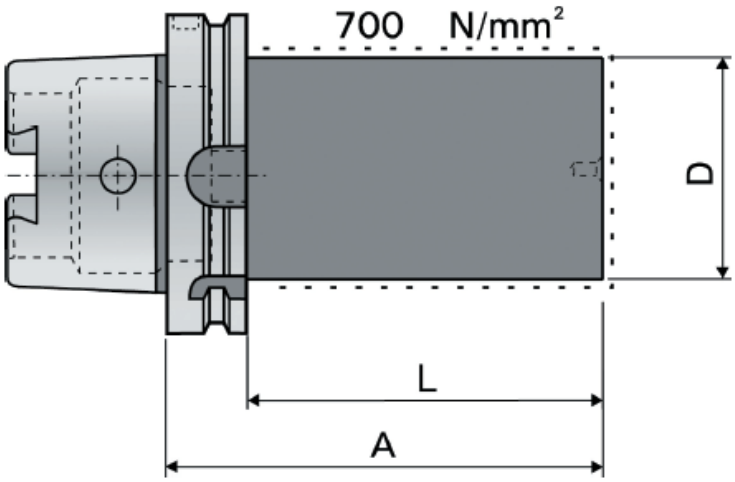
BLANK ADAPTORS

MANDRINS SEMI-FINIS

DIN 69893-1

16.470

HSK FORM A



REF. 16.470	Cono HSK	D mm	L mm	A mm
16.470.050.50	50	50	200	226
16.470.050.63		63	200	226
16.470.063.63	63	63	200	226
16.470.063.80		80	250	276
16.470.100.63	100	63	200	229
16.470.100.80		80	250	279
16.470.100.90		90	300	329

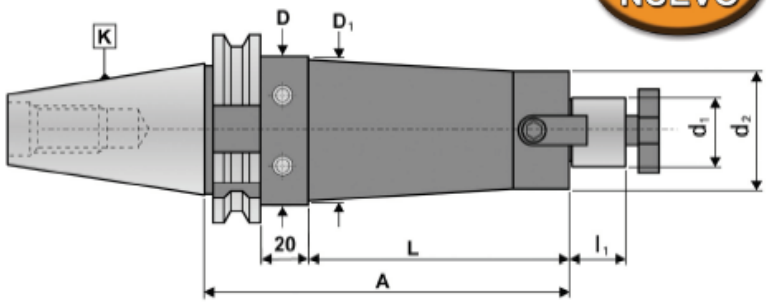
ANTIVIBRAČNÍ FRÉZOVACÍ TRNY
pro frézy s příčnou unášecí drážkou DIN 138
ANTIVIBRATORY SHELL MILL ADAPTORS
for cutters with driving slot DIN 138

DIN 69871-A

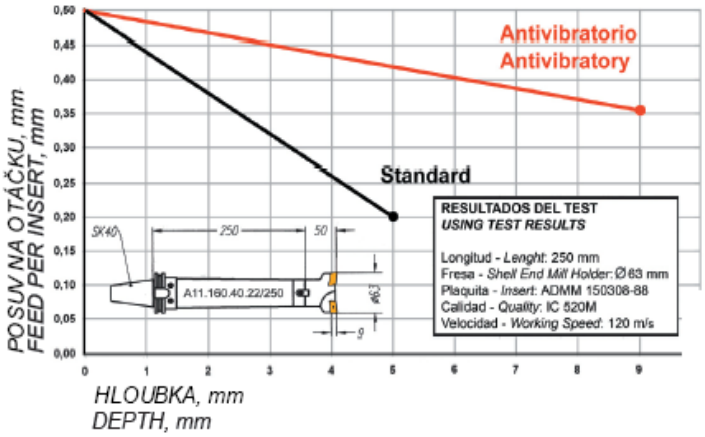
A11.160

SPECIÁLNĚ URČENO PRO VÝROBU FOREM A ZÁPUSTEK
SPECIAL FOR MOULD AND DIE MAKERS

NEW
NUEVO



POROVNÁNÍ PŘI POUŽITÍ ANTIVIBRAČNÍHO DRŽÁKU
COMPARISON WHEN USING AN ANTIVIBRATORY TOOLHOLDER



Vibrace jsou redukovány až o 60% ve srovnání se standardním držákem oproti držáku vyrobeného s materiálu s antivibračními vlastnostmi.

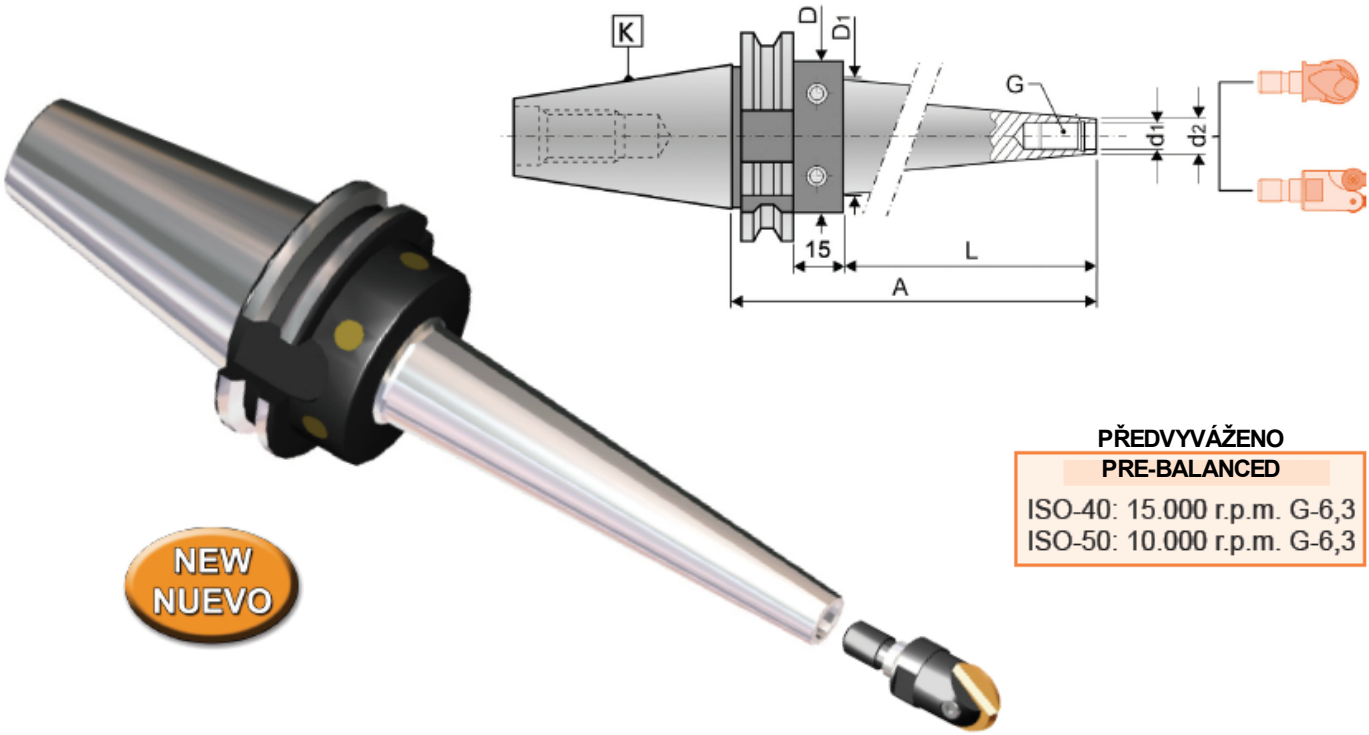
Vibration reduced up to 60% compared to any other conventional shell mill adaptor, as they are manufactured with materials and mechanisms having antivibration properties.

DIN 69871-A	K ISO	L mm	D mm					
A11.160.40.16/150	**40**	111	50	45	16	150	17	36
A11.160.40.16/200		161	50	45	16	200	17	36
A11.160.40.16/250		211	50	45	16	250	17	36
A11.160.40.16/300		261	50	45	16	300	17	36
A11.160.40.22/150		111	50	47	22	150	19	44
A11.160.40.22/200		161	50	47	22	200	19	44
A11.160.40.22/250		211	50	47	22	250	19	44
A11.160.40.22/300		261	50	47	22	300	19	44
A11.160.40.27/150		111	50	50	27	150	21	54
A11.160.40.27/200		161	50	50	27	200	21	54
A11.160.40.27/250		211	50	50	27	250	21	54
A11.160.40.27/300		261	50	50	27	300	21	54
A11.160.50.16/150	50	111	80	64	16	150	17	36
A11.160.50.16/200		161	80	78	16	200	17	36
A11.160.50.16/250		211	80	78	16	250	17	36
A11.160.50.16/300		261	80	78	16	300	17	36
A11.160.50.16/400		361	80	78	16	400	17	36
A11.160.50.22/200		161	80	78	22	200	19	44
A11.160.50.22/250		211	80	78	22	250	19	44
A11.160.50.22/300		261	80	78	22	300	19	44
A11.160.50.22/400		361	80	78	22	400	19	44
A11.160.50.22/500		461	80	78	22	500	19	44
A11.160.50.27/200		161	80	78	27	200	21	54
A11.160.50.27/250		211	80	78	27	250	21	54
A11.160.50.27/300		261	80	78	27	300	21	54
A11.160.50.27/400		361	80	78	27	400	21	54
A11.160.50.27/500		461	80	78	27	500	21	54
A11.160.50.32/200		161	80	78	32	200	24	64
A11.160.50.32/250		211	80	78	32	250	24	64
A11.160.50.32/300		261	80	78	32	300	24	64
A11.160.50.32/400		361	80	78	32	400	24	64
A11.160.50.32/500		461	80	78	32	500	24	64

ANTIVIBRAČNÍ DRŽÁK PRO DOKONČOVACÍ FRÉZY
pro přední dokončovací frézu se závitovým upínáním
ANTIVIBRATORY END MILL ADAPTORS
for frontal End Mill support screwed shanks

DIN 69871-A

A11.315



PŘEDVYVÁŽENO
PRE-BALANCED
ISO-40: 15.000 r.p.m. G-6,3
ISO-50: 10.000 r.p.m. G-6,3

Antivibrační upínače pro dokončovací frézování jsou vyrobeny s materiálu s mechanickými antivibračními vlastnostmi. Standardní i extra dlouhá provedení jsou vhodná pro výrobu forem a speciální výrobu.

Antivibratory Shell Mill Adaptors manufactured with materials and mechanisms having antivibration properties. Standard and extra long lengths, suitable for moulding and special manufactures.

DIN 69871-A	K ISO	L mm	D_1 mm	A mm	D mm	d_1 mm	G mm	d_2 mm
A11.315.40.10/200	**40**	165	35	200	50	10,5	M10	18
A11.315.40.10/250		215	41	250	50	10,5	M10	18
A11.315.40.10/300		265	46	300	50	10,5	M10	18
A11.315.40.12/200		165	38	200	50	12,5	M12	21
A11.315.40.12/250		215	44	250	50	12,5	M12	21
A11.315.40.12/300		265	49	300	50	12,5	M12	21
A11.315.40.16/200		165	46	200	50	17	M16	29
A11.315.40.16/250		215	48	250	50	17	M16	29
A11.315.40.16/300		265	50	300	50	17	M16	29
A11.315.50.12/250	**50**	215	44	250	80	12,5	M12	21
A11.315.50.12/300		265	49	300	80	12,5	M12	21
A11.315.50.12/400		365	60	400	80	12,5	M12	21
A11.315.50.16/250		215	52	250	80	17	M16	29
A11.315.50.16/300		265	57	300	80	17	M16	29
A11.315.50.16/400		365	68	400	80	17	M16	29
A11.315.50.16/500		465	78	500	80	17	M16	29

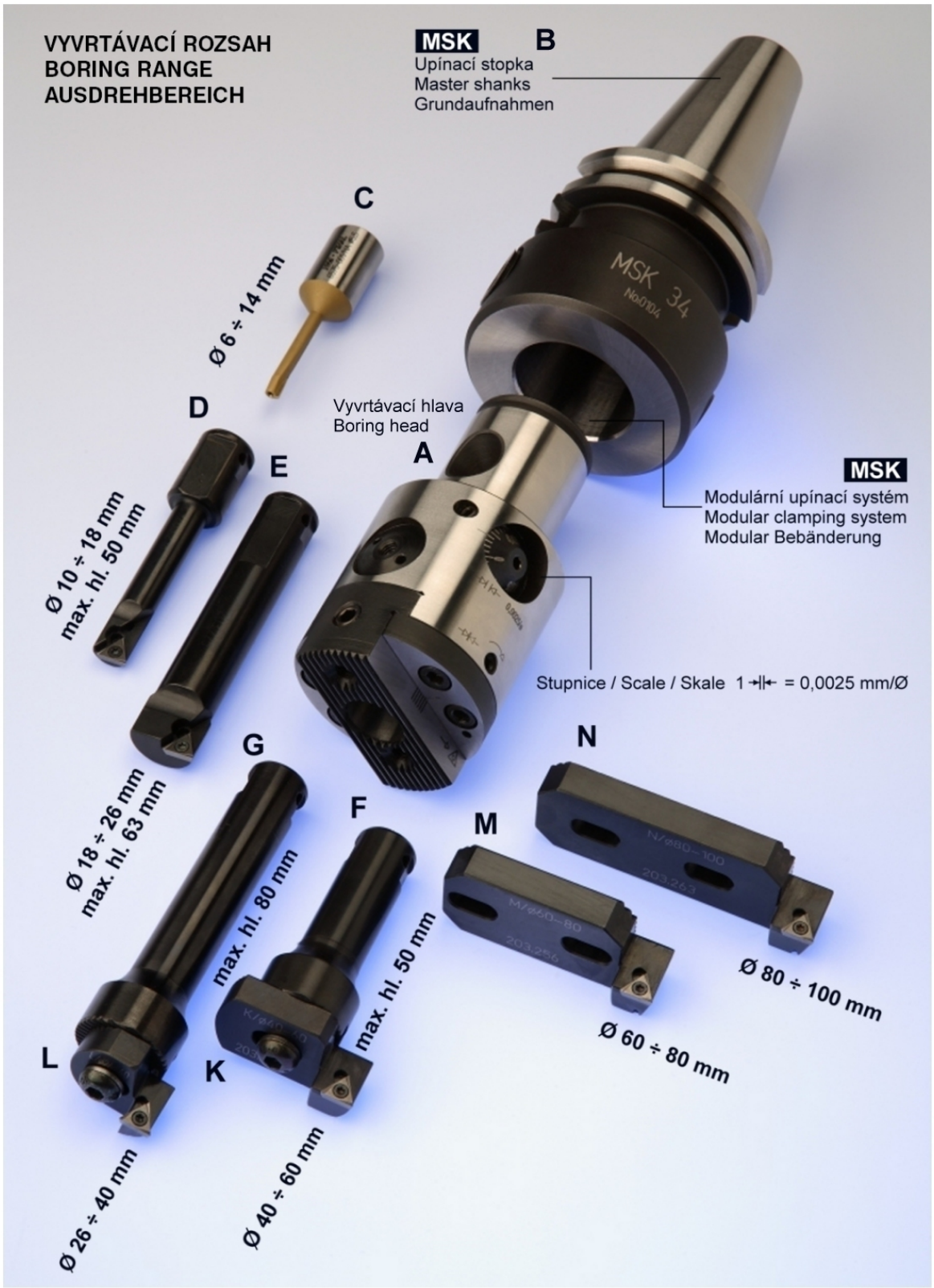
ISO 50 držák podle DIN 69871 a JIS 6339-BT lze použít shodně s normou DIN 2080 při použití speciálního čepu a přizpůsobení stroje (vliv usnášecích kamenů).

ISO 50 Axial compensation Toolholders as per DIN 69871 and JIS 6339-BT could become DIN 2080. Tapers by using the special pull stud.

Ref. **A85.752.50.50**

205bh

PŘESNÁ VYVRTÁVACÍ HLAVA
FINE BORING HEAD
FEINBOHRKOPF



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CELKOVÝ PROGRAM UPÍNACÍCH DRŽÁKŮ A PŘÍSLUŠENSTVÍ

TOOLHOLDERS AND ACCESSORIES PROGRAM

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