



CAP ISO 26623-1

Spindle type
Rodzaj wrzeciona

Features
Cechy

CAP

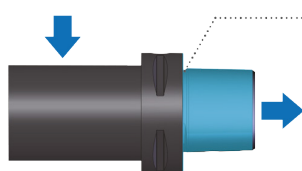
Taper 1:20 Stożek 1:20
Form accuracy $\pm 2\mu\text{m}$ Dokładność $\pm 2\mu\text{m}$
Surface roughness $R_a < 0.25\mu\text{m}$ Chropowatość powierzchni $R_a < 0.25\mu\text{m}$
Double face contact Podwójna powierzchnia styku

FEATURES Cechy

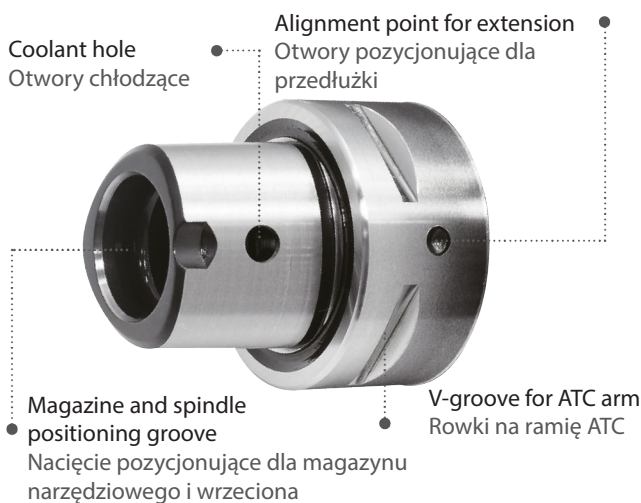
HIGH TORQUE TRANSMISSION AND HIGH RIGIDITY
Ultra-high torque transmission and bending strength of CAP tooling system increase production efficiency.

MOŻLIWOŚĆ PRZENOSZENIE DUŻYCH MOMENTÓW I WYSOKA SZTYWNOŚĆ
Wysoka odporność na zginanie i możliwość przenoszenia ultra-wysokich momentów obrotowych znacznie zwiększa wydajność obróbki.

High bending strength
Wysoka odporność na zginanie



Double faced positioning and clamping
Podwójna powierzchnia styku



STRENGTHENED STRUCTURE

CAP tooling system is in triangle curve form of polygon, adapting 1/20 tapered coupling structure for two-face positioning and clamping. There is no drive key, tool life can be extended.

WZMOCNIONA KONSTRUKCJA

System CAP to trójkątnokształtny wielobok, o pochyleniu 1:20 zapewniający podwójną powierzchnię styku i zacisk. Nie ma dodatkowych elementów prowadzących. Wydłużona żywotność narzędzia.

HIGH PRECISION

The repeat precision of coupling structure in X, Y and Z directions is $\pm 2\mu\text{m}$, the total runout is $3\mu\text{m}$.

WYSOKA PRECYZJA

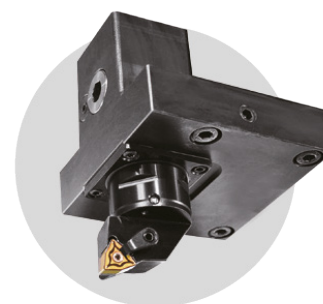
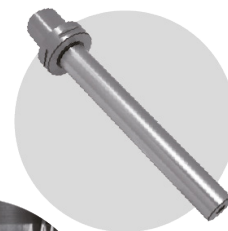
Powtarzalność pozycji w kierunkach X, Y, Z wynosi $\pm 2\mu\text{m}$, całkowite bicie wynosi $3\mu\text{m}$

PROMOTE EFFICIENCY

Quick tool change system is applicable for lathes, easy to operate and quick for changing tools. The modular design enhances machine utilization rate and decreases machine downtime.

ZWIĘKSZENIE EFEKTYWNOŚCI

System szybkiej wymiany narzędzia ma zastosowanie w tokarkach, jest łatwy w obsłudze i znacznie przyspiesza zmianę narzędzia. Budowa modułowa zwiększa stopień wykorzystania maszyny i skraca przestoje.



BT ADAPTER



SK ADAPTER



HSK ADAPTER



CAP ADAPTER



ER



WLD



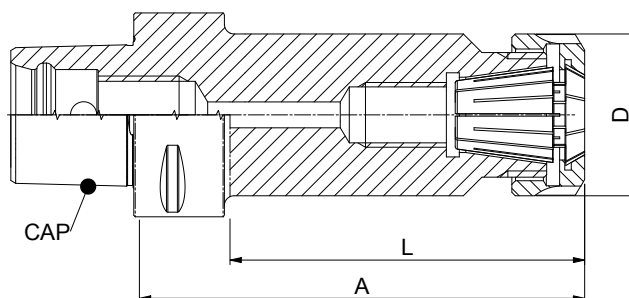
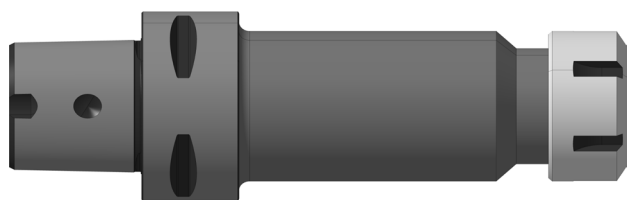
FMA

COLLET CHUCK UCHWYT Z TULEJĄ ZACISKOWĄ**ERC CAP**

DIN 26623-1

FOR COLLETS ER DIN 6499
DO TULEJEK ER DIN 6499

≤3μm G 6,3
15 000 RPM



EDP No	Taper Stożek	Range Zakres	A	L	D
EC32ERC100	CAP32	ER16 1-10	45	-	32
EC40ERC100	CAP40	ER16 1-10	70	50	32
EC40ERC160	CAP40	ER25 2-16	52	-	42
EC40ERC200	CAP40	ER32 2-20	54	-	50
EC50ERC100	CAP50	ER16 1-10	55	35	32
EC50ERC101	CAP50	ER16 1-10	100	80	32
EC50ERC160	CAP50	ER25 2-16	55	35	42
EC50ERC161	CAP50	ER25 2-16	100	80	42
EC50ERC200	CAP50	ER32 2-20	57	-	50
EC50ERC201	CAP50	ER32 2-20	100	-	50
EC63ERC100	CAP63	ER16 1-10	60	38	32
EC63ERC101	CAP63	ER16 1-10	100	78	32
EC63ERC160	CAP63	ER25 2-16	60	38	42
EC63ERC161	CAP63	ER25 2-16	100	78	42
EC63ERC162	CAP63	ER25 2-16	30	108	42
EC63ERC163	CAP63	ER25 2-16	60	138	42
EC63ERC200	CAP63	ER32 2-20	60	38	50
EC63ERC201	CAP63	ER32 2-20	100	78	50
EC63ERC202	CAP63	ER32 2-20	30	108	50
EC63ERC260	CAP63	ER40 3-26	65	-	63
EC63ERC261	CAP63	ER40 3-26	100	-	63
EC63ERC262	CAP63	ER40 3-26	30	-	63
EC80ERC160	CAP80	ER25 2-16	70	40	42
EC80ERC200	CAP80	ER32 2-20	70	40	50
EC80ERC202	CAP80	ER32 2-20	60	130	50
EC80ERC260	CAP80	ER40 3-26	70	40	63
EC80ERC262	CAP80	ER40 3-26	60	130	63

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA

E-188 - E-195

Collets Tuleje
ER DIN 6499



E-217

Wrench Klucz
ER

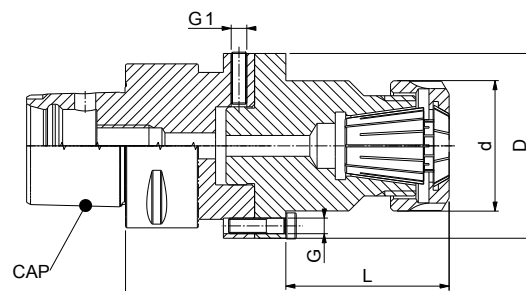
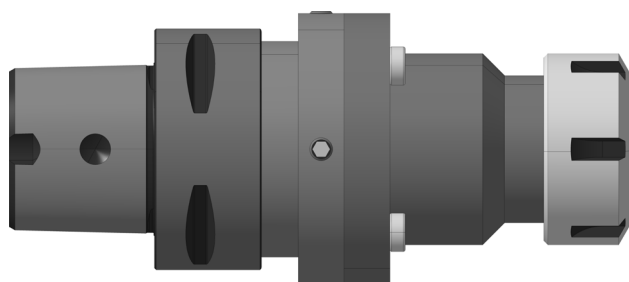


E-197 - E-198

Clamping nuts
Nakrętka
ER DIN 6499

ADJUSTABLE TOOL HOLDER UCHWYT REGULOWANY
ERC HSK

DIN 69893

 $3 \times D \leq 1 \mu m$


EDP No	Taper Stożek	Range Zakres	d	A	L	D	G	G1
EC63ERC20F	CAP 63	ER32 2-20	50	117	47	68	M6	M6

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
 Balance / Wyważone G 6,3 15 000rpm
 Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA


E-190 - E-197

Collets Tuleje
 ER DIN 6499


E-219

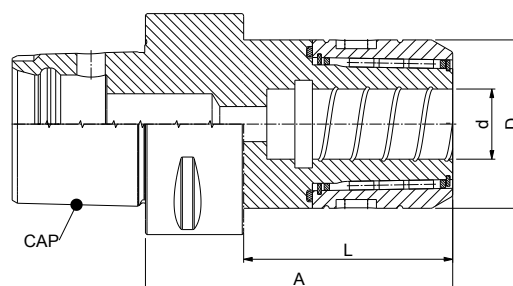
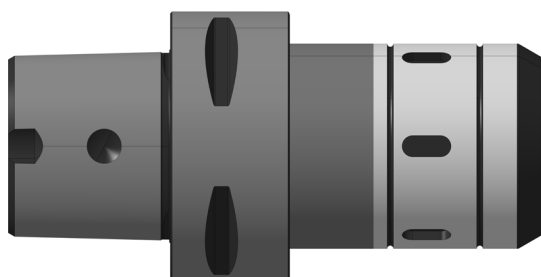
Wrench Klucz
 ER


E-199 - E-200

Clamping nuts
 Nakrętka
 ER DIN 6499

PRECISION MILLING CHUCK UCHWYT PRECYZYJNY
SMC CAP

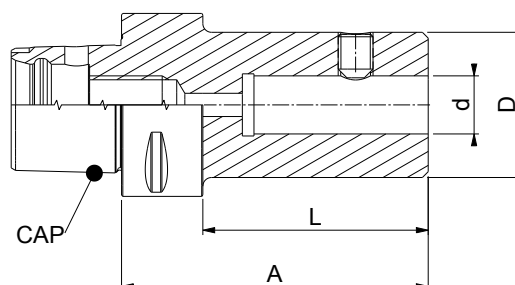
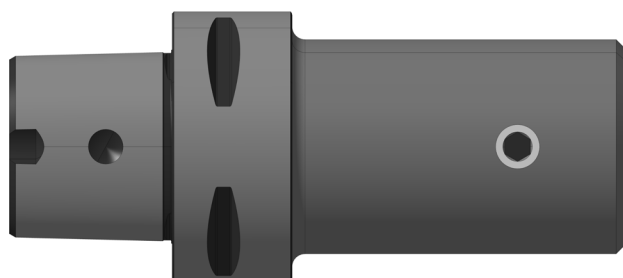
DIN 26623-1

 $\leq 3 \mu m$ **G 6,3**
 15 000 RPM


EDP No	Taper Stożek	Range Zakres	d	A	L	D
EC50SMC200	CAP50	EKS 20 6-20	20	100	80	48
EC50SMC320	CAP50	EKS 32 6-32	32	110	-	68
EC63SMC200	CAP63	EKS 20 6-20	20	100	78	48
EC63SMC320	CAP63	EKS 32 6-32	32	110	-	68
EC80SMC200	CAP80	EKS 20 6-20	20	100	70	48
EC80SMC320	CAP80	EKS 32 6-32	32	110	80	68

WELDON CHUCK UCHWYT WELDON**WLD CAP**

DIN 26623-1

 $\leq 3\mu\text{m}$ **G 6,3**
 15 000 RPM


EDP No	Taper Stożek	d	A	L	D
EC32WLD060	CAP32	06	46	32	25
EC32WLD080	CAP32	08	46	31	28
EC32WLD100	CAP32	10	50	-	35
EC32WLD120	CAP32	12	55	-	42
EC40WLD060	CAP40	06	50	30	25
EC40WLD080	CAP40	08	50	30	28
EC40WLD100	CAP40	10	51	31	35
EC40WLD120	CAP40	12	56	-	42
EC40WLD140	CAP40	14	55	-	44
EC40WLD160	CAP40	16	55	-	48
EC50WLD060	CAP50	06	50	30	25
EC50WLD080	CAP50	08	50	30	28
EC50WLD100	CAP50	10	55	35	35
EC50WLD120	CAP50	12	60	40	42
EC50WLD140	CAP50	14	60	40	44
EC50WLD160	CAP50	16	60	40	48
EC50WLD180	CAP50	18	60	-	50
EC50WLD200	CAP50	20	60	-	52
EC50WLD250	CAP50	25	80	-	63
EC63WLD060	CAP63	06	55	33	25
EC63WLD061	CAP63	06	100	78	25
EC63WLD080	CAP63	08	55	33	28
EC63WLD081	CAP63	08	100	78	28
EC63WLD100	CAP63	10	60	38	35
EC63WLD101	CAP63	10	100	78	35
EC63WLD120	CAP63	12	60	38	42
EC63WLD121	CAP63	12	100	78	42
EC63WLD140	CAP63	14	60	38	44
EC63WLD141	CAP63	14	100	78	44
EC63WLD160	CAP63	16	65	43	48

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
 Balance / Wyważone G 6,3 15 000rpm
 Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA

Clamping screw
 Śruba mocująca

E-210

BT

SK

SA

HSK-A

VDI

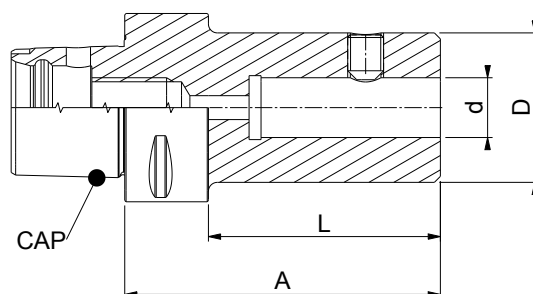
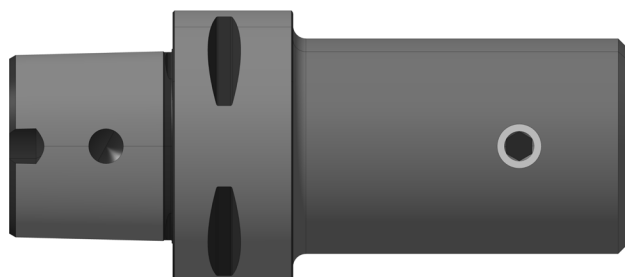
Rotary VDI

CAPTO

Akcesoria

WELDON CHUCK UCHWYT WELDON
WLD CAP

DIN 26623-1

≤3μm G 6,3
15 000 RPM


EDP No	Taper Stożek	d	A	L	D
EC63WLD161	CAP63	16	100	78	48
EC63WLD180	CAP63	18	65	43	50
EC63WLD181	CAP63	18	100	78	50
EC63WLD200	CAP63	20	65	43	52
EC63WLD201	CAP63	20	100	78	52
EC63WLD250	CAP63	25	80	-	63
EC63WLD251	CAP63	25	100	-	63
EC63WLD320	CAP63	32	90	-	72
EC63WLD321	CAP63	32	100	-	72
EC63WLD400	CAP63	40	100	-	80
EC80WLD060	CAP80	06	70	40	25
EC80WLD080	CAP80	08	70	40	28
EC80WLD100	CAP80	10	70	40	35
EC80WLD120	CAP80	12	70	40	42
EC80WLD140	CAP80	14	70	40	44
EC80WLD160	CAP80	16	70	40	48
EC80WLD180	CAP80	18	70	40	50
EC80WLD200	CAP80	20	70	40	52
EC80WLD250	CAP80	25	80	50	65
EC80WLD320	CAP80	32	80	50	72
EC80WLD400	CAP80	40	10	-	80
EC80WLD500	CAP80	50	20	-	100

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA


Clamping screw
Śruba mocująca

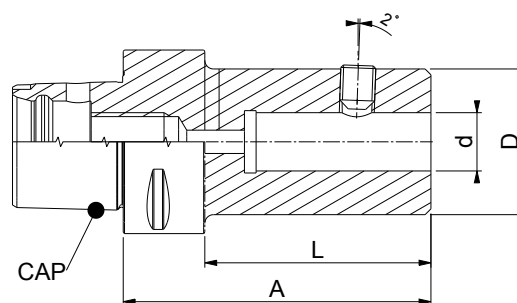
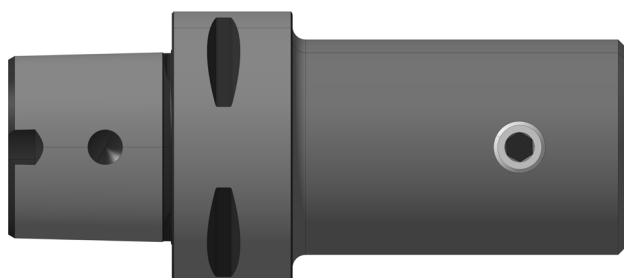
E-210

WHISTLE NOTCH CHUCK UCHWYT WHISTLE NOTCH

WSN CAP

DIN 26623-1


≤3μm G 6,3
15 000 RPM

 FOR WHISTLE NOTCH SHANK DIN 1835-E
DO CHWYTU WHISTLE NOTCH DIN 1835-E


EDP No	Taper Stożek	d	A	L	D
EC32WSN060	CAP32	06	70	55	25
EC32WSN080	CAP32	08	70	55	28
EC32WSN100	CAP32	10	70	-	35
EC32WSN120	CAP32	12	75	-	42
EC40WSN060	CAP40	06	70	50	25
EC40WSN080	CAP40	08	70	50	28
EC40WSN100	CAP40	10	70	50	35
EC40WSN120	CAP40	12	75	-	42
EC40WSN140	CAP40	14	75	-	44
EC50WSN060	CAP50	06	70	50	25
EC50WSN080	CAP50	08	70	50	28
EC50WSN100	CAP50	10	70	50	35
EC50WSN120	CAP50	12	75	55	42
EC50WSN140	CAP50	14	75	55	44
EC50WSN160	CAP50	16	80	60	48
EC50WSN180	CAP50	18	80	-	50
EC50WSN200	CAP50	20	85	-	52
EC63WSN060	CAP63	06	75	53	25
EC63WSN080	CAP63	08	75	53	28
EC63WSN100	CAP63	10	75	53	35
EC63WSN120	CAP63	12	80	58	42
EC63WSN140	CAP63	14	80	58	44
EC63WSN160	CAP63	16	80	58	48
EC63WSN180	CAP63	18	80	58	50
EC63WSN200	CAP63	20	85	63	52
EC63WSN250	CAP63	25	90	-	65
EC63WSN320	CAP63	32	95	-	72
EC80WSN060	CAP80	06	65	35	25
EC80WSN080	CAP80	08	65	35	28

FEATURES WŁAŚCIWOŚCI

 Taper Angle Tolerance / Tolerancja stożka: AT3
 Balance / Wyważone G 6,3 15 000rpm
 Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA



E-212

 Clamping screw
Śruba mocująca


E-215

 Stop screw
Śruba blokująca

BT

SK

SA

HSK-A

VDI

Rotary VDI

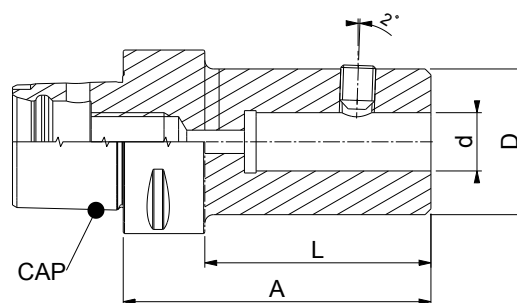
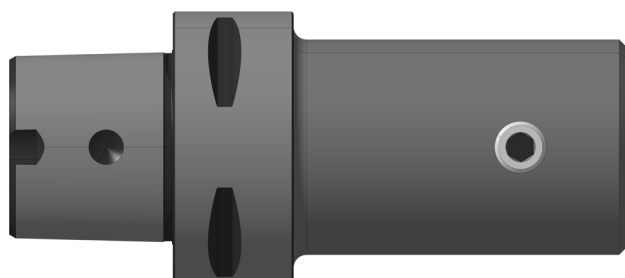
CAPTO

Akcesoria

WHISTLE NOTCH CHUCK UCHWYT WHISTLE NOTCH
WSN CAP

DIN 26623-1


≤3μm G 6,3
15 000 RPM

FOR WHISTLE NOTCH SHANK DIN 1835-E
DO CHWYTU WHISTLE NOTCH DIN 1835-E


EDP No	Taper Stożek	d	A	L	D
EC80WSN100	CAP80	10	65	35	35
EC80WSN120	CAP80	12	70	40	42
EC80WSN140	CAP80	14	70	40	44
EC80WSN160	CAP80	16	75	45	48
EC80WSN180	CAP80	18	75	45	50
EC80WSN200	CAP80	20	80	50	52
EC80WSN250	CAP80	25	90	60	65
EC80WSN320	CAP80	32	95	65	72

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA


E-212

Clamping screw
Śruba mocująca


E-215

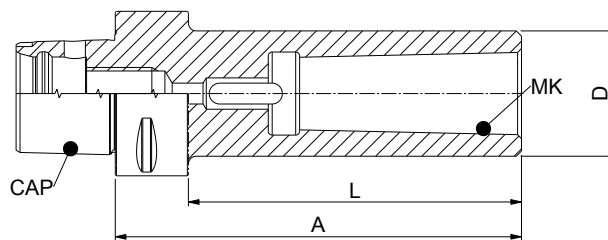
Stop screw
Śruba blokująca

MORSE TAPER ADAPTOR TULEJE REDUKCYJNE
MTA CAP

DIN 26623-1

FOR MORSE TAPER WITH THREAD DIN 6364
DO STOŻKA MORSE'A Z GWINTEM DIN 6364

≤3μm G 6,3
15 000 RPM



EDP No	Taper Stożek	MK	A	L	D
EC63MTA020	CAP63	2	110	88	32
EC63MTA030	CAP63	3	130	108	40
EC63MTA040	CAP63	4	155	128	48

BT

SK

SA

HSK-A

VDI

Rotary VDI

CAPTO

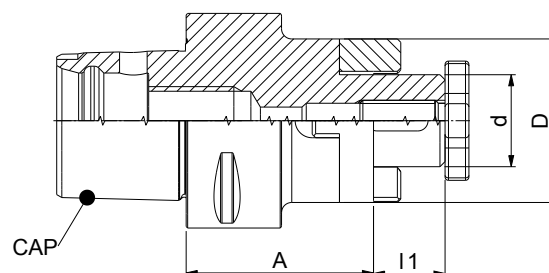
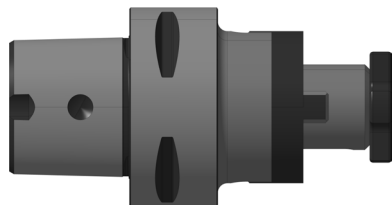
Akcesoria

COMBI SHELL MILL HOLDER UCHWYT FREZARSKI UNIWERSALNY
SMA CAP

DIN 26623-1

DIN 6358 FOR CUTTERS WITH KEYWAY OR DRIVING SLOT
DIN 6358 DO FREZÓW Z ROWKIEM WPUSTOWYM LUB ZABIERAKOWYM

≤3μm G 6,3
15 000 RPM



EDP No	Taper Stożek	d	L1	A	D
EC32SMA160	CAP32	16	45	17	32
EC40SMA160	CAP40	16	45	17	32
EC40SMA220	CAP40	22	50	19	40
EC50SMA160	CAP50	16	45	17	32
EC50SMA161	CAP50	16	70	17	32
EC50SMA220	CAP50	22	45	19	40
EC50SMA221	CAP50	22	70	19	40
EC50SMA270	CAP50	27	55	21	48
EC50SMA320	CAP50	32	55	24	58
EC63SMA160	CAP63	16	50	17	32
EC63SMA220	CAP63	22	55	19	40
EC63SMA270	CAP63	27	55	21	48
EC63SMA320	CAP63	32	55	24	58
EC63SMA400	CAP63	40	60	27	70
EC80SMA160	CAP80	16	60	17	32
EC80SMA220	CAP80	22	60	19	40
EC80SMA270	CAP80	27	65	21	48
EC80SMA320	CAP80	32	65	24	58
EC80SMA400	CAP80	40	70	27	70
EC10SMA400	CAP100	40	75	27	70

ACCESSORIES AKCESORIA


E-222

Drive rings
Pierścień prowadzący
DIN 6366



E-221

Bolt Śruba
DIN 6367



E-222

Wrench
Klucz
DIN 6368

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.005mm



E-220

Drive Key
Wpust

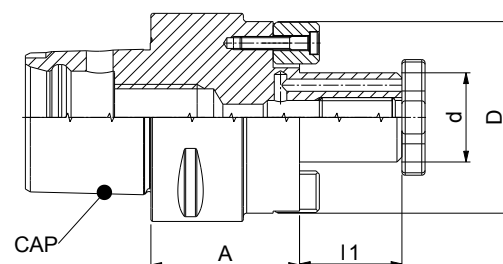
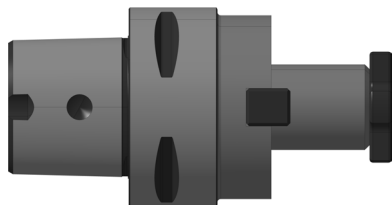
SHELL MILL HOLDER UCHWYTY FREZARKSIE ZABIERAKOWE**FMA CAP**

DIN 26623-1



DIN 6357 FOR CUTTERS WITH DRIVING SLOT
DIN6357 DO FREZÓW Z ROWKIEM ZABIERAKOWYM

≤3μm G 6,3
15 000 RPM



EDP No	Taper Stożek	d	L1	A	D
EC32FMA160	CAP32	16	30	17	38
EC40FMA160	CAP40	16	35	17	38
EC40FMA220	CAP40	22	40	19	48
EC50FMA160	CAP50	16	35	17	38
EC50FMA220	CAP50	22	40	19	48
EC50FMA270	CAP50	27	40	21	58
EC63FMA160	CAP63	16	35	17	38
EC63FMA220	CAP63	22	40	19	48
EC63FMA270	CAP63	27	40	21	58
EC63FMA320	CAP63	32	40	24	78
EC80FMA270	CAP80	27	50	21	58
EC80FMA320	CAP80	32	50	24	78
EC80FMA400	CAP80	40	55	27	88

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.005mm



E-223

Bolt Śruba
DIN 6367



E-224

Wrench
Klucz
DIN 6368



E-222

Drive keys
Śruba
przewodząca

ACCESSORIES AKCESORIA

BT

SK

SA

HSK-A

VDI

Rotary VDI

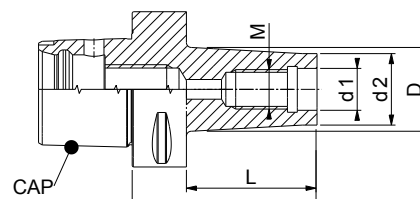
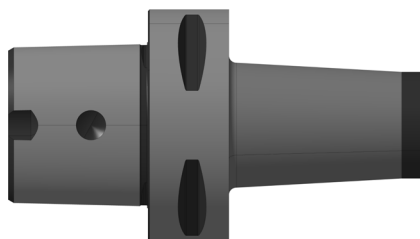
CAPTO

Akcesoria

SCREW-ON TYPE MILL ARBORS UCHWYT DO FREZÓW Z GWINTEM
MCA CAP

DIN 26623-1

SCREW-ON TYPE MILL ARBORS
UCHWYTY DO FREZÓW Z GWINTEM

≤3μm G 2,5
25 000 RPM


EDP No	Taper Stożek	M	d1	d2	A	L	D
EC32MCA080	CAP32	08	8,5	13	30	15	15
EC32MCA100	CAP32	10	10,5	18	30	15	20
EC32MCA120	CAP32	12	12,5	21	35	20	24
EC32MCA160	CAP32	16	17	29	40	25	29
EC40MCA080	CAP40	08	8,5	13	30	10	15
EC40MCA100	CAP40	10	10,5	18	35	15	20
EC40MCA120	CAP40	12	12,5	21	40	20	24
EC40MCA160	CAP40	16	17	29	45	25	29
EC50MCA080	CAP50	08	8,5	13	50	30	15
EC50MCA081	CAP50	08	8,5	13	75	55	23
EC50MCA100	CAP50	10	10,5	18	50	30	20
EC50MCA101	CAP50	10	10,5	18	75	55	23
EC50MCA120	CAP50	12	12,5	21	50	30	24
EC50MCA121	CAP50	12	12,5	21	75	55	24
EC50MCA160	CAP50	16	17	29	50	30	29
EC50MCA161	CAP50	16	17	29	75	55	34
EC63MCA080	CAP63	08	8,5	13	50	28	15
EC63MCA081	CAP63	08	8,5	13	75	53	23
EC63MCA100	CAP63	10	10,5	18	50	28	20
EC63MCA101	CAP63	10	10,5	18	75	53	23
EC63MCA120	CAP63	12	12,5	21	50	28	24
EC63MCA121	CAP63	12	12,5	21	75	53	24
EC63MCA160	CAP63	16	17	29	50	28	29
EC63MCA161	CAP63	16	17	29	75	53	34
EC80MCA081	CAP80	08	8,5	13	85	55	23
EC80MCA101	CAP80	10	10,5	18	85	55	23
EC80MCA121	CAP80	12	12,5	21	85	55	24
EC80MCA161	CAP80	16	17	29	85	85	34

Recommended tightening torques

Zalecane momenty dokręcania

M6	10 Nm
M8	25 Nm
M10	40 Nm
M12	60 Nm
M16	80 Nm

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3

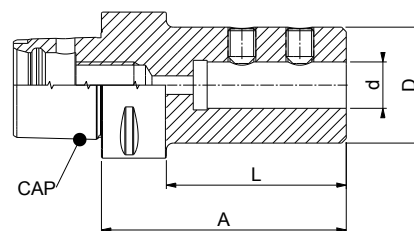
Balance / Wyważone G 2,5 20 000rpm

Seat runout / Bicie: 0.003mm

BORING HOLDER FOR DRILL WITH INDEXABLE
UCHWYT WYTACZARSKI Z MIMOŚRODEM
WLE CAP

DIN 26623-1

 INSERTS FORM E1
 PŁYTKI TYPU E1

 $\leq 3\mu\text{m}$ **G 6,3**
 15 000 RPM


EDP No	Taper Stożek	d	A	L	D
EC32WLE160	CAP32	16	56	-	36
EC32WLE200	CAP32	20	60	-	40
EC40WLE161	CAP40	16	56	36	36
EC40WLE200	CAP40	20	60	-	40
EC40WLE250	CAP40	25	77	-	45
EC50WLE161	CAP50	16	65	45	36
EC50WLE200	CAP50	20	60	40	40
EC50WLE250	CAP50	25	71	51	45
EC50WLE320	CAP50	32	75	-	52
EC63WLE160	CAP63	16	70	48	36
EC63WLE200	CAP63	20	70	48	40
EC63WLE250	CAP63	25	72	50	45
EC63WLE320	CAP63	32	75	53	52
EC63WLE400	CAP63	40	85	-	63
EC80WLE160	CAP80	16	80	50	36
EC80WLE200	CAP80	20	80	50	40
EC80WLE250	CAP80	25	85	55	45
EC80WLE320	CAP80	32	90	60	52
EC80WLE400	CAP80	40	95	65	65

FEATURES WŁAŚCIWOŚCI

 Taper Angle Tolerance / Tolerancja stożka: AT3
 Balance / Wyważone G 6,3 15 000rpm
 Seat runout / Bicie: 0.003mm

ACCESSORIES AKCESORIA


E-220

 Clamping
screw
Śruba
mocująca


E-231

 Delivery unit
for coolant
Śruba płynu
chłodzącego


E-231

 Wrench
delivery unit
Klucz płynu
chłodzącego

BT

SK

SA

HSK-A

VDI

Rotary VDI

CAPTO

Akcesoria

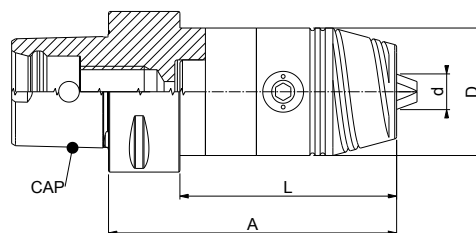
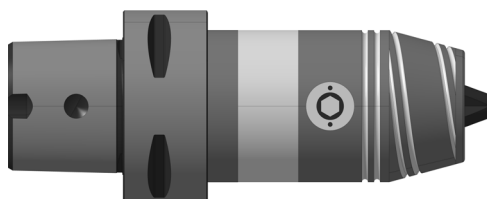
NC-DRILL CHUCK UCHWYT DO MASZYN NUMERYCZNYCH

NCD SK

DIN 26623-1

NC-DRILL CHUCKS FOR LEFT AND RIGHT ROTATION
UCHWYT DO MASZYN NUMERYCZNYCH PRAWO I LEWOBIEŻNYCH

≤30µm G 6,3
15 000 RPM



EDP No	Taper Stożek	d	A	L	D
EC32NCD130	CAP32	1-13	13	-	50
EC40NCD130	CAP40	1-13	13	-	50
EC50NCD130	CAP50	1-13	13	-	50
EC50NCD160	CAP50	3-16	16	-	57
EC63NCD130	CAP63	1-13	13	88	50
EC63NCD160	CAP63	3-16	16	93	57

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 6,3 15 000rpm
Seat runout / Bicie: 0.030mm

ACCESSORIES AKCESORIA



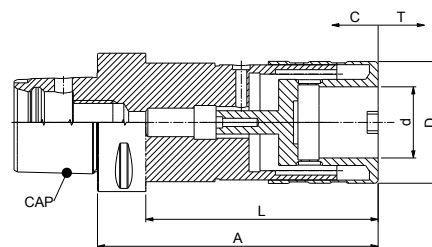
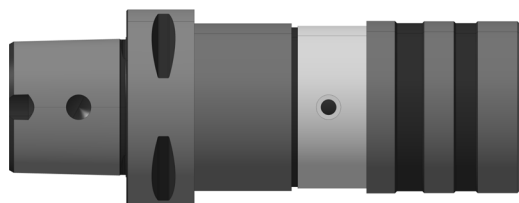
Wrench
Klucz

QUICK-CHANGE TAPPING CHUCKS UCHWYT Z SZYBKĄ WYMIANĄ
TCA CAP

DIN 26623-1

QUICK-CHANGE TAPPING CHUCKS WITH LENGHT COMPENSATION

UCHWYTY DO GWINTOWANIA Z SZYBKĄ WYMIANĄ Z KOMPENSACJĄ OSIOWĄ



EDP No	Taper Stożek	Capacity Zakres	d	A	L	D	c	T
EC32TCA120	CAP32	M3-M14	19	80	65	38	7	7
EC40TCA120	CAP40	M3-M14	19	80	60	38	7	7
EC40TCA200	CAP40	M5-M22	31	110	-	54	12	12
EC50TCA120	CAP50	M3-M14	19	80	60	38	7	7
EC50TCA200	CAP50	M5-M22	31	115	-	54	12	12
EC63TCA120	CAP63	M3-M14	19	90	68	38	7	7
EC63TCA200	CAP63	M5-M22	31	120	98	54	12	12
EC63TCA360	CAP63	M14-M25	48	170	-	78	17,5	18
EC80TCA120	CAP80	M3-M14	19	85	55	38	7	7
EC80TCA200	CAP80	M5-M22	31	110	80	54	12	12
EC80TCA360	CAP80	M14-M25	48	160	130	78	17,5	18

ACCESSORIES AKCESORIA


E-219

Tapping
collets
Chwyt
gwintonika

BT

SK

SA

HSK-A

VDI

Rotary VDI

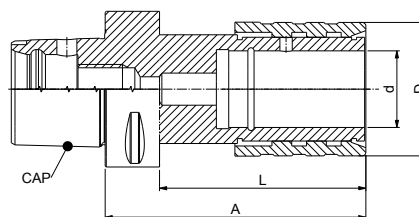
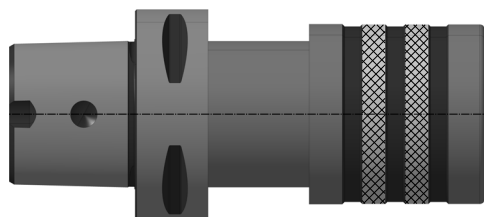
CAPTO

Akcesoria

QUICK-CHANGE TAPPING CHUCKS UCHWYT Z SZYBKĄ WYMIANĄ
TCH CAP

DIN 26623-1

QUICK-CHANGE TAPPING CHUCKS WITHOUT LENGHT COMPENSATION
UCHWYTY DO GWINTOWANIA Z SZYBKĄ WYMIANĄ BEZ KOMPENSACJI OSIOWEJ



EDP No	Taper Stożek	Capacity Zakres	d	A	L	D
EC40TCA121	CAP40	M3-M14	19	60	40	38
EC50TCA121	CAP50	M3-M14	19	60	40	38
EC50TCA201	CAP50	M5-M22	31	95	75	54
EC63TCA201	CAP63	M5-M22	31	105	83	54
EC63TCA361	CAP63	M14-M25	48	120	98	78

ACCESSORIES AKCESORIA

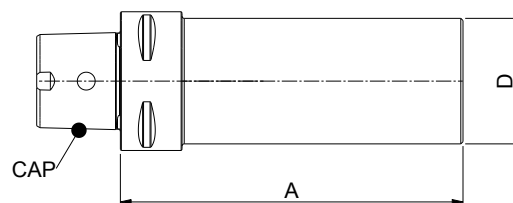

E-219

Tapping
collets
Chwyt
gwintonika

BLANK ARBOR UCHWYT NARZĘDZIOWY PÓŁFABRYKAT**BLK CAP**

DIN 26623-1

BORING BAR BLANKS FOR THE PRODUCTION OF SPECIAL TOOLS
UCHWYT PÓŁFABRYKAT DO PRODUKCJI NARZĘDZIA SPECJALNEGO

≤3μm

EDP No	Taper Stożek	A	D
EC32BLK320	CAP32	25	32
EC40BLK400	CAP40	65	40
EC50BLK500	CAP50	75	50
EC63BLK630	CAP63	95	63
EC80BLK800	CAP80	200	80

BT

SK

SA

HSK-A

VDI

Rotary VDI

CAPTO

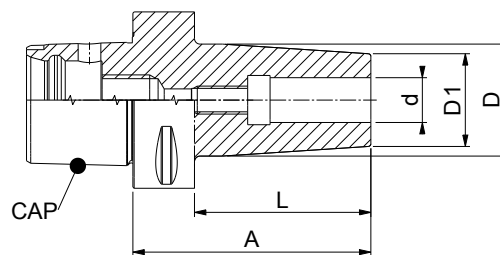
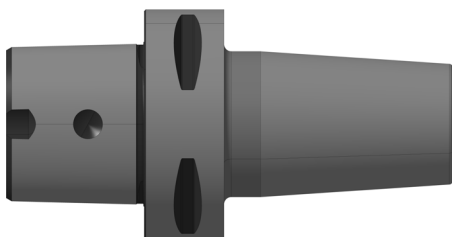
Akcesoria

SHRINK FIT HOLDER UCHWYT TERMOKURCZLIWY
SHR CAP

DIN 26623-1

SHRINK CHUCK FOR MOUNTING OF SOLID CARBIDE AND HSS-CUTTERS
UCHWYT DO MOCOWANIA FREZÓW WĘGLIKOWYCH HSS

≤3μm G 2,5
20 000 RPM



EDP No	Taper Stożek	d	A	L	D1	D
EC32SHR060	CAP32	6	65	50	20	27
EC32SHR080	CAP32	8	65	50	20	27
EC32SHR100	CAP32	10	70	55	24	31
EC32SHR120	CAP32	12	75	55	24	31
EC40SHR060	CAP40	6	75	55	20	27
EC40SHR080	CAP40	8	75	55	20	27
EC40SHR100	CAP40	10	75	55	24	31
EC40SHR120	CAP40	12	75	55	24	31
EC40SHR140	CAP40	14	80	60	27	34
EC40SHR160	CAP40	16	80	60	27	34
EC50SHR060	CAP50	6	75	55	20	27
EC50SHR080	CAP50	8	75	55	20	27
EC50SHR100	CAP50	10	75	55	24	31
EC50SHR120	CAP50	12	75	55	24	31
EC50SHR140	CAP50	14	80	60	27	34
EC50SHR160	CAP50	16	80	60	27	34
EC50SHR180	CAP50	18	80	60	33	40
EC50SHR200	CAP50	20	85	65	33	40
EC50SHR250	CAP50	25	90	70	44	53
EC50SHR320	CAP50	32	90	70	44	53
EC63SHR030	CAP63	3	80	58	10	15
EC63SHR040	CAP63	4	80	58	15	22
EC63SHR050	CAP63	5	80	58	15	22
EC63SHR060	CAP63	6	80	58	20	27
EC63SHR061	CAP63	6	120	98	20	27
EC63SHR062	CAP63	6	160	138	20	27
EC63SHR080	CAP63	8	80	58	20	27
EC63SHR081	CAP63	8	120	98	20	27
EC63SHR082	CAP63	8	160	138	20	27
EC63SHR100	CAP63	10	80	58	24	31
EC63SHR101	CAP63	10	120	98	24	31
EC63SHR102	CAP63	10	160	138	24	31
EC63SHR120	CAP63	12	80	58	24	31

FEATURES WŁAŚCIWOŚCI

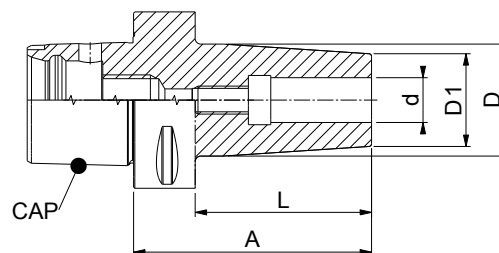
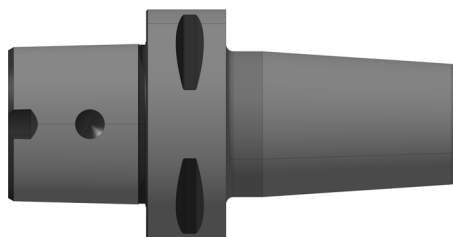
Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 2,5 20 000rpm
Seat runout / Bicie: 0.003mm

SHRINK FIT HOLDER UCHWYT TERMOKURCZLIWY**SHR CAP**

DIN 26623-1

SHRINK CHUCK FOR MOUNTING OF SOLID CARBIDE AND HSS-CUTTERS
UCHWYT DO MOCOWANIA FREZÓW WĘGLIKOWYCH HSS

≤3μm G 2,5
20 000 RPM



EDP No	Taper Stożek	d	A	L	D1	D
EC63SHR121	CAP63	12	120	98	24	31
EC63SHR122	CAP63	12	160	138	24	31
EC63SHR140	CAP63	14	85	63	27	34
EC63SHR141	CAP63	14	120	98	27	34
EC63SHR142	CAP63	14	160	138	27	34
EC63SHR160	CAP63	16	85	63	27	34
EC63SHR161	CAP63	16	120	98	27	34
EC63SHR162	CAP63	16	160	138	27	34
EC63SHR180	CAP63	18	85	63	33	40
EC63SHR181	CAP63	18	120	98	33	40
EC63SHR182	CAP63	18	160	138	33	40
EC63SHR200	CAP63	20	85	63	33	40
EC63SHR201	CAP63	20	120	98	33	40
EC63SHR202	CAP63	20	160	138	33	40
EC63SHR250	CAP63	25	90	68	44	53
EC63SHR251	CAP63	25	120	98	44	53
EC63SHR252	CAP63	25	160	138	44	53
EC63SHR320	CAP63	32	95	73	44	53
EC63SHR321	CAP63	32	120	98	44	53
EC63SHR322	CAP63	32	160	138	44	53
EC80SHR060	CAP80	6	85	55	20	27
EC80SHR080	CAP80	8	85	55	20	27
EC80SHR100	CAP80	10	85	55	24	31
EC80SHR120	CAP80	12	85	55	24	31
EC80SHR140	CAP80	14	85	55	27	34
EC80SHR160	CAP80	16	90	60	27	34
EC80SHR180	CAP80	18	90	60	33	40
EC80SHR200	CAP80	20	90	60	33	40
EC80SHR250	CAP80	25	90	60	44	53
EC80SHR320	CAP80	32	90	60	44	53

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3

Balance / Wyważone G 2,5 20 000rpm

Seat runout / Bicie: 0.003mm

BT

SK

SA

HSK-A

VDI

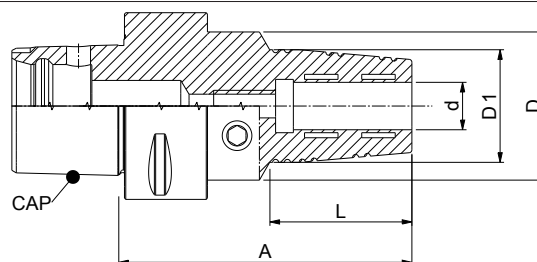
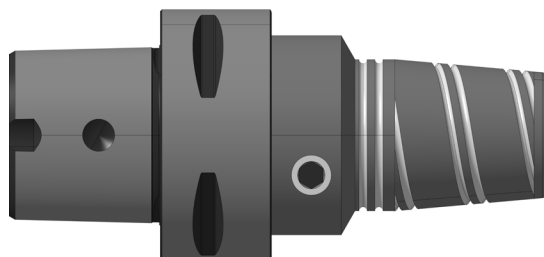
Rotary VDI

CAPTO

Akcesoria

HYDRAULIC EXPANSION CHUCK UCHWYT ZACISKOWY HYDRAULICZNY
HYD CAP

DIN 26623-1


G 2,5
20 000 RPM


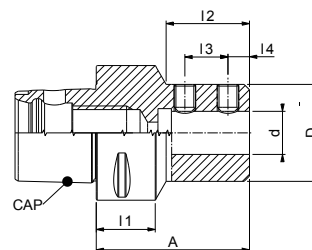
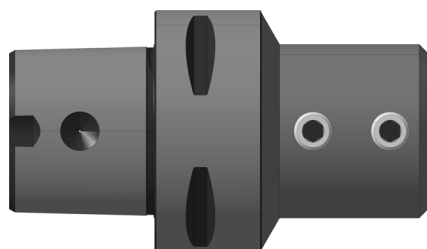
EDP No	Taper Stożek	d	A	L	D1	D
EC32HYD120	CAP32	12	80	40	32	50
EC40HYD060	CAP40	6	80	40	26	50
EC40HYD080	CAP40	8	80	40	28	50
EC40HYD100	CAP40	10	85	40	30	50
EC40HYD120	CAP40	12	85	40	32	50
EC50HYD060	CAP50	6	65	30	26	50
EC50HYD080	CAP50	8	65	30	28	50
EC50HYD100	CAP50	10	75	40	30	50
EC50HYD120	CAP50	12	80	40	32	50
EC50HYD140	CAP50	14	80	40	34	50
EC50HYD160	CAP50	16	85	46	36	50
EC50HYD180	CAP50	18	85	46	40	50
EC50HYD200	CAP50	20	85	46	42	50
EC50HYD250	CAP50	25	95	-	49,5	55
EC63HYD060	CAP63	6	65	25	26	50
EC63HYD080	CAP63	8	65	25	28	50
EC63HYD100	CAP63	10	75	35	30	50
EC63HYD120	CAP63	12	80	40	32	50
EC63HYD140	CAP63	14	80	40	34	50
EC63HYD160	CAP63	16	85	46	38	50
EC63HYD180	CAP63	18	85	46	40	50
EC63HYD200	CAP63	20	85	46	42	50
EC63HYD250	CAP63	25	95	-	49,5	55
EC63HYD320	CAP63	32	100	-	56	63
EC80HYD200	CAP80	20	95	46	42	50
EC80HYD320	CAP80	32	105	-	56	63

FEATURES WŁAŚCIWOŚCI

Taper Angle Tolerance / Tolerancja stożka: AT3
Balance / Wyważone G 2,5 25 000rpm

BORING HOLDER FOR DRILL WITH INDEXABLE
UCHWYT WYTACZARSKI Z MIMOŚRODEM
WLE CAP

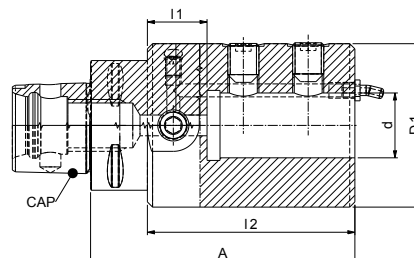
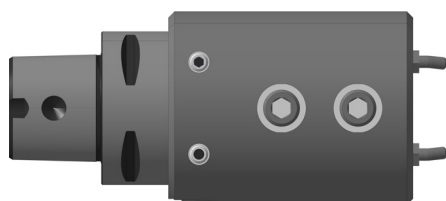
DIN 26623-1



EDP No	Taper Stożek	d	D1	I1	I2	A	I3	I4
EC32WLE100	CAP32	10	36	20	20	35	10	5
EC32WLE120	CAP32	12	36	24	24	40	12	6
EC40WLE100	CAP40	10	36	20	19	40	10	5
EC40WLE120	CAP40	12	36	24	24	45	12	6
EC40WLE160	CAP40	16	36	32	29	50	16	8
EC50WLE100	CAP50	10	36	20	21	45	10	5
EC50WLE120	CAP50	12	36	24	22,5	45	12	6
EC50WLE160	CAP50	16	36	32	31	55	16	8

BORING HOLDER FOR DRILL WITH INDEXABLE
UCHWYT WYTACZARSKI Z MIMOŚRODEM
WLE CAP

DIN 26623-1

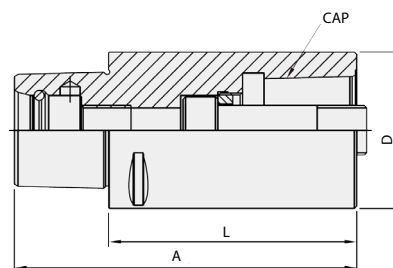


EDP No	Taper Stożek	d	D1	I1	I2	A
EC50WLE251	CAP50	25	63	43	80	100
EC63WLE251	CAP63	25	63	41	-	98
EC63WLE401	CAP63	40	80	41	90	112
EC80WLE251	CAP80	25	63	41	50	98
EC80WLE401	CAP80	40	80	41	-	112

EXTENSION ADAPTER ADAPTER PRZEDŁUŻKI

EC CAP

For the same diameter
Dla tej samej średnicy

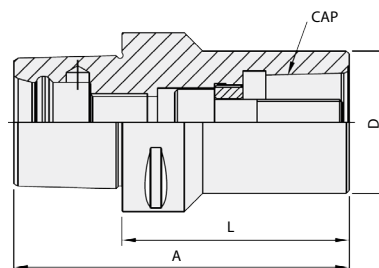


EDP No	Type Typ	CAPTO	A	L	D
EC32EC32600	CAP32 x CAP32 - 60	32	79	60	32
EC32EC32800	CAP32 x CAP32 - 80	32	99	80	32
EC40EC40600	CAP40 x CAP40 - 60	40	84	60	40
EC40EC40800	CAP40 x CAP40 - 80	40	104	80	40
EC50EC50800	CAP50 x CAP50 - 80	50	110	80	50
EC50EC50A00	CAP50 x CAP50 - 100	50	130	100	50
EC63EC63800	CAP63 x CAP63 - 80	63	118	80	63
EC63EC63A00	CAP63 x CAP63 - 100	63	138	100	63
EC80EC80650	CAP80 x CAP80 - 65	80	113	65	80
EC80EC80A00	CAP80 x CAP80 - 100	80	148	100	80
EC80EC80A25	CAP80 x CAP80 - 125	80	173	125	80
EC80EC80651	CAP80 x CAP80 - 65	80	113	65	80
EC80EC80A01	CAP80 x CAP80 - 100	80	148	100	80
EC80EC80A50	CAP80 x CAP80 - 150	80	198	150	80
EC80EC80A02	CAP80 x CAP80 - 100	80	148	100	100

EXTENSION ADAPTER ADAPTER PRZEDŁUŻKI

EC CAP

For different diameter
Dla różnej średnicy



EDP No	Type Typ	CAPTO	A	L	D
EC40EC32550	CAP40 x CAP32 - 55	32	79	55	32
EC40EC32700	CAP40 x CAP32 - 70	32	94	70	32
EC50EC32600	CAP50 x CAP32 - 60	32	84	60	32
EC50EC40650	CAP50 x CAP40 - 65	40	89	65	40
EC50EC40850	CAP50 x CAP40 - 85	40	115	85	40
EC63EC32700	CAP63 x CAP32 - 70	32	108	70	32
EC63EC40800	CAP63 x CAP40 - 80	40	118	80	40
EC63EC50800	CAP63 x CAP50 - 80	50	118	80	50
EC63EC50A10	CAP63 x CAP50 - 110	50	148	110	50
EC80EC32600	CAP80 x CAP32 - 60	32	108	60	32
EC80EC40700	CAP80 x CAP40 - 70	40	118	70	40
EC80EC50450	CAP80 x CAP50 - 45	50	93	45	50
EC80EC50800	CAP80 x CAP50 - 80	50	128	80	50
EC80EC63550	CAP80 x CAP63 - 55	63	103	55	63
EC80EC63800	CAP80 x CAP63 - 80	63	128	80	63
EC80EC63A20	CAP80 x CAP63 - 120	63	168	120	63
EC80EC63551	CAP80 x CAP63 - 55	63	103	55	63
EC80EC63801	CAP80 x CAP63 - 80	63	128	80	63

BT

SK

SA

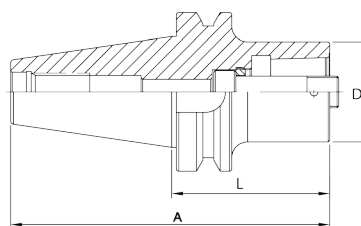
HSK-A

VDI

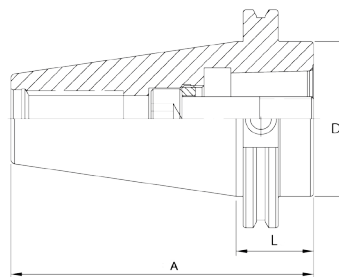
Rotary VDI

CAPTO

Akcesoria

EXTENSION ADAPTER ADAPTER PRZEDŁUŻKI
BT CAP


EDP No	Type Typ	CAPTO	A	L	D
BT40EC32300	BT40 x CAP32 - 30	32	95.4	30	32
BT40EC40300	BT40 x CAP40 - 30	40	95.4	30	40
BT40EC50300	BT40 x CAP50 - 30	50	95.4	30	50
BT40EC63750	BT40 x CAP63 - 75	63	140.4	75	63
BT40EC80A35	BT40 x CAP80 - 135	80	200.4	135	80
BT50EC32400	BT50 x CAP32 - 40	32	141.8	40	32
BT50EC40400	BT50 x CAP40 - 40	40	141.8	40	40
BT50EC50400	BT50 x CAP50 - 40	50	141.8	40	50
BT50EC63A00	BT50 x CAP63 - 100	63	201.8	100	63
BT50EC63A51	BT50 x CAP63 - 150	63	251.8	150	63
BT50EC63B01	BT50 x CAP63 - 200	63	301.8	200	63
BT50EC63B50	BT50 x CAP63 - 250	63	351.8	250	63
BT50EC63C02	BT50 x CAP63 - 300	63	401.8	300	63
BT50EC80700	BT50 x CAP80 - 70	80	171.8	70	80
BT50EC80A20	BT50 x CAP80 - 120	80	221.8	120	80

EXTENSION ADAPTER ADAPTER PRZEDŁUŻKI**SK CAP**

EDP No	Type Typ	CAPTO	A	L	D
SK40EC3235	SK40 x CAP32 - 35	32	103.249	35	44.45
SK40EC4035	SK40 x CAP40 - 35	40	103.249	35	44.45
SK40EC5035	SK40 x CAP50 - 35	50	103.249	35	44.45
SK40EC6390	SK40 x CAP63 - 90	63	158.249	90	44.45
SK50EC3235	SK50 x CAP32 - 35	32	136.6	35	69.85
SK50EC4035	SK50 x CAP40 - 35	40	136.6	35	69.85
SK50EC5035	SK50 x CAP50 - 35	50	136.6	35	69.85
SK50EC6335	SK50 x CAP63 - 35	63	136.6	35	69.85

BT

SK

SA

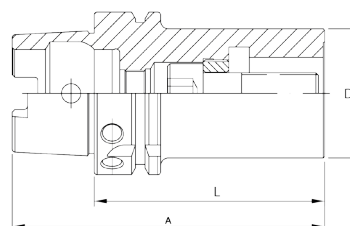
HSK-A

VDI

Rotary VDI

CAPTO

Akcesoria

EXTENSION ADAPTER ADAPTER PRZEDŁUŻKI
HSK CAP


EDP No	Type Typ	CAPTO	A	L	D
HSK63EC3275	HSK63A x CAP32 - 75	32	107	75	32
HSK63EC4080	HSK63A x CAP40 - 80	40	112	80	40
HSK63EC5090	HSK63A x CAP50 - 90	50	122	90	50
HSK10EC3280	HSK100A x CAP32 - 80	32	130	80	32
HSK10EC4090	HSK100A x CAP40 - 90	40	140	90	40
HSK10EC50A0	HSK100A x CAP50 - 100	50	150	100	50
HSK10EC63A1	HSK100A x CAP63 - 110	63	160	110	63
HSK10EC63A5	HSK100A x CAP63 - 150	63	200	150	63
HSK10EC63B0	HSK100A x CAP63 - 200	63	250	200	63
HSK10EC63B5	HSK100A x CAP63 - 250	63	300	250	63