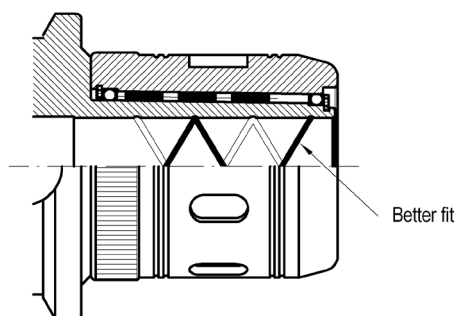






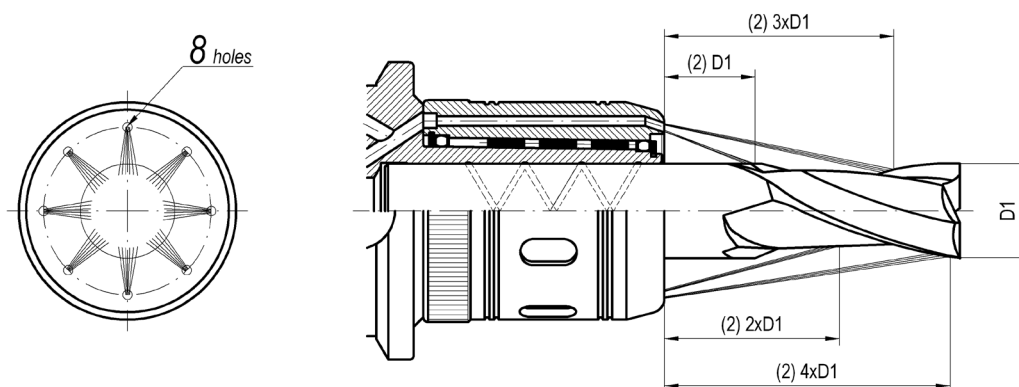
- HSK
- MAS 403 BT
- BT-DOUBLE CONTACT
- DIN 69871
- DIN 2080

GREAT POWER CHUCKS



- **Greatest fastening force for the tool.**
 - Torque > 10%
 - Axil > 20%
- **Greater rigidity.** Lengtht reduction "L".
- **Better accessibility.** Nut diameter "D".
- **Direct sealing.** Thanks to it new interior we obtain a perfect sealing of the cool with the interior of the collet chuck.
- **Sealing with collet.** With the new collets we obtain a perfect sealing.

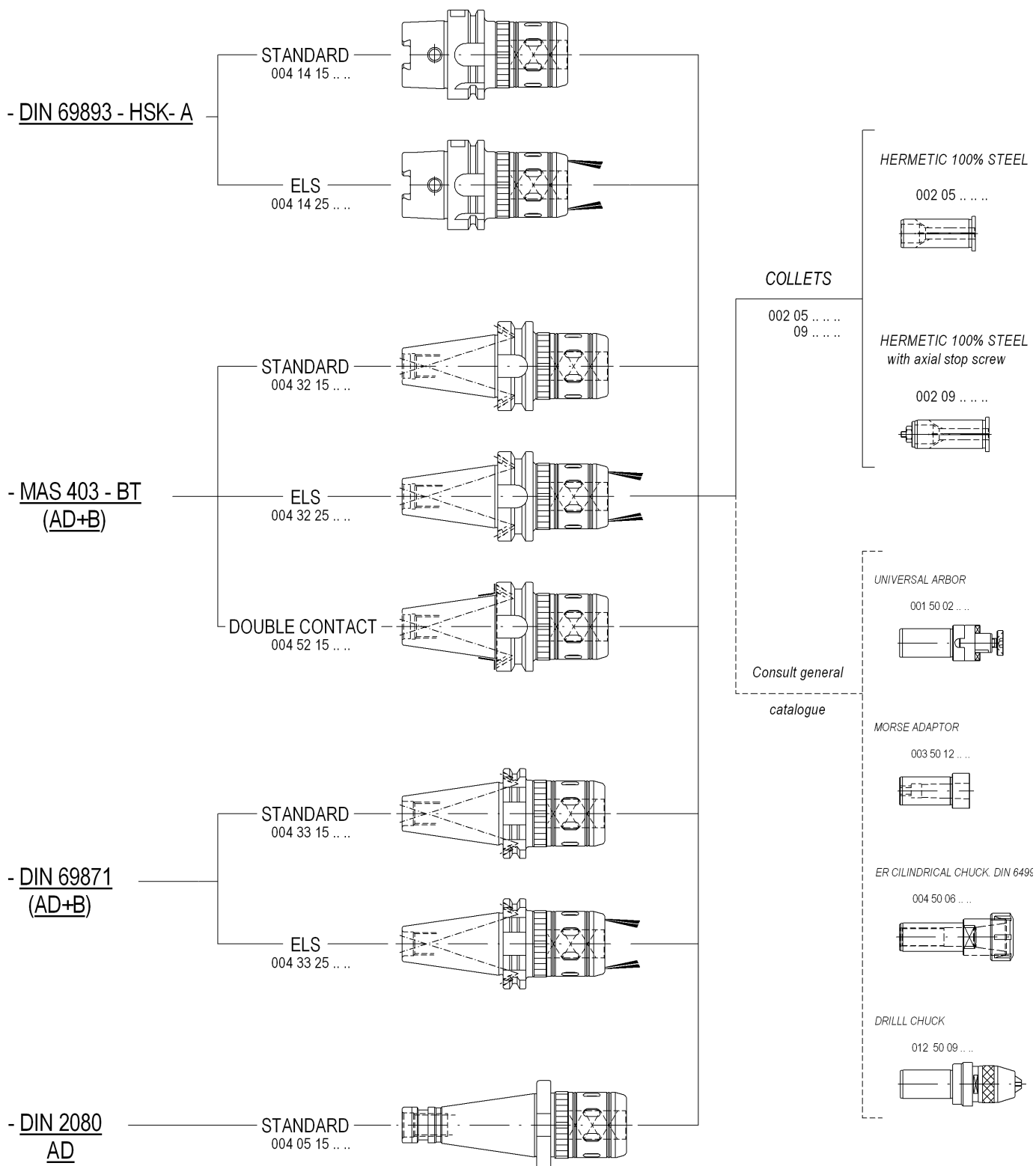
GREAT POWER CHUCKS (ELS)



- Without o-rings, washers, rings, etc.
- No pressure limit.
- Coolant directed to the cutting tool.
- 8 coolant exits with different directions to assure correct cooling of the cutting tool.

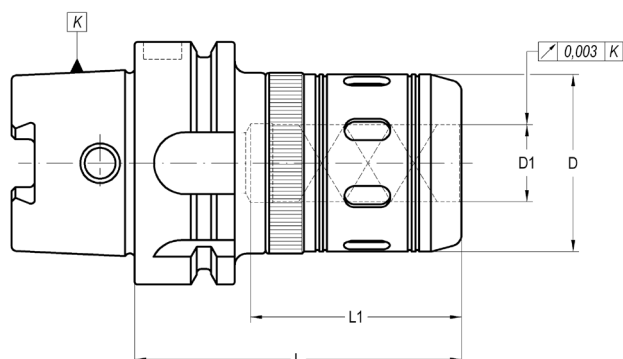
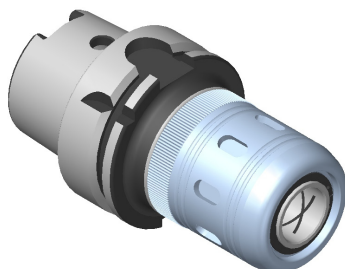
TOOLHOLDERS

ACCESORIES



Standard

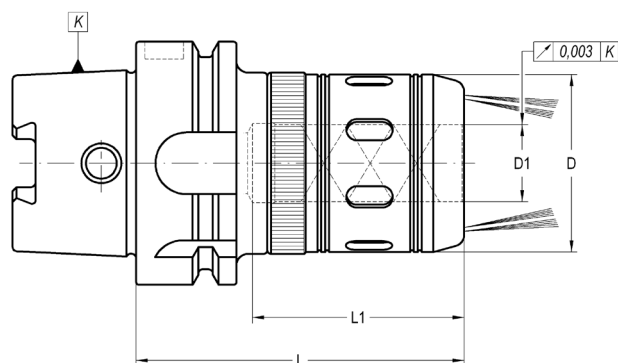
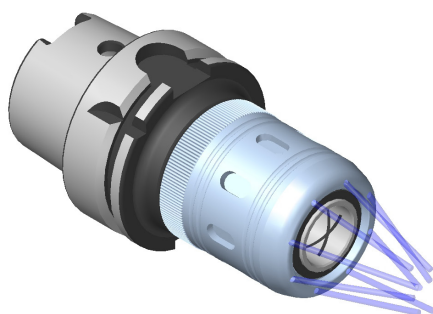
004 14 15 ...



K	D1	L	D	L1	COD.
63	20	85	46	60	004 14 15 04 04
63	20	110	46	60	004 14 15 04 14
63	32	110	62	80	004 14 15 04 06
63	32	130	62	80	004 14 15 04 16
80	20	95	46	60	004 14 15 05 04
80	32	110	62	80	004 14 15 05 06
100	20	105	46	60	004 14 15 06 04
100	32	115	62	80	004 14 15 06 06
100	32	135	62	80	004 14 15 06 16
100	40	125	85	85	004 14 15 06 07
100	50	135	99	90	004 14 15 06 09
125	40	135	85	90	004 14 15 07 07
125	50	135	99	90	004 14 15 07 09

ELS

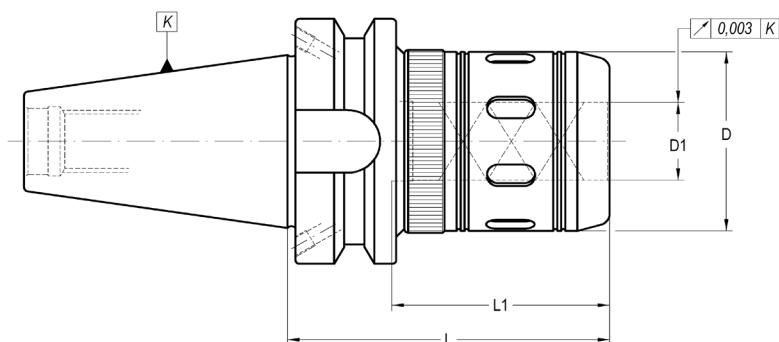
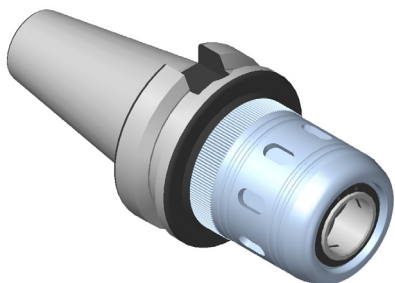
004 14 25 ...



K	D1	L	D	L1	COD.
63	20	85	46	60	004 14 25 04 04
63	32	110	62	80	004 14 25 04 06
80	32	110	62	80	004 14 25 05 06
100	32	115	62	80	004 14 25 06 06

Standard

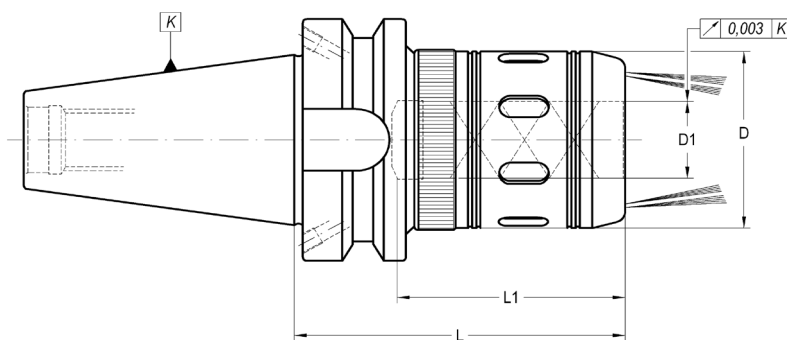
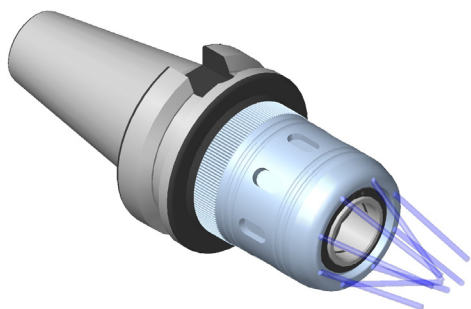
004 32 15



K	D1	L	D	L1	COD.
40	20	80	46	60	004 32 15 02 04
40	20	105	46	60	004 32 15 02 14
40	32	85	62	75	004 32 15 02 06
40	32	105	62	80	004 32 15 02 16
50	20	100	46	60	004 32 15 04 04
50	32	100	62	80	004 32 15 04 06
50	32	135	62	80	004 32 15 04 26

ELS

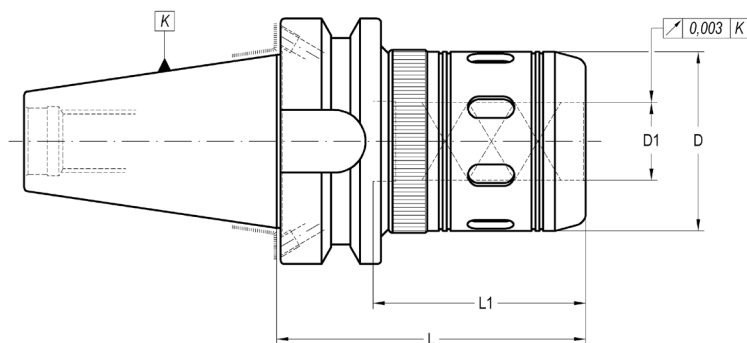
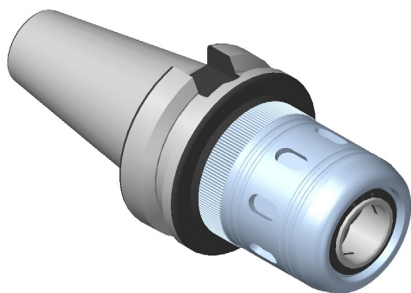
004 32 25



K	D1	L	D	L1	COD.
40	20	80	46	60	004 32 25 02 04
40	32	85	62	75	004 32 25 02 06
50	32	100	62	80	004 32 25 04 06

Standard

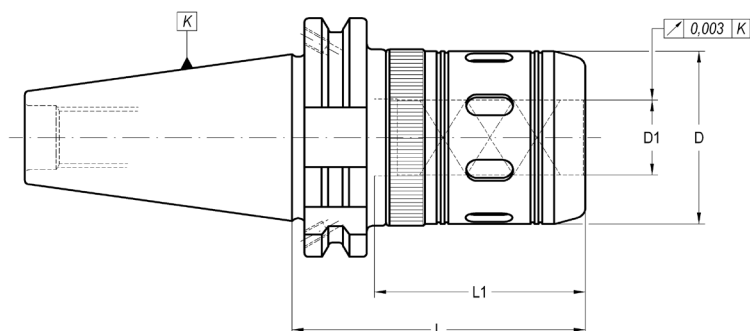
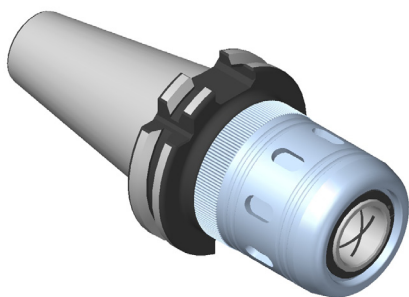
004 52 15 ...



K	D1	L	D	L1	COD.
40	20	80	46	60	004 52 15 02 04
40	20	105	46	60	004 52 15 02 14
40	32	85	62	75	004 52 15 02 06
40	32	105	62	80	004 52 15 02 16
50	20	100	46	60	004 52 15 04 04
50	32	100	62	80	004 52 15 04 06
50	32	135	62	80	004 52 15 04 26
50	40	115	85	90	004 52 15 04 07
50	50	115	99	90	004 52 15 04 09

Standard

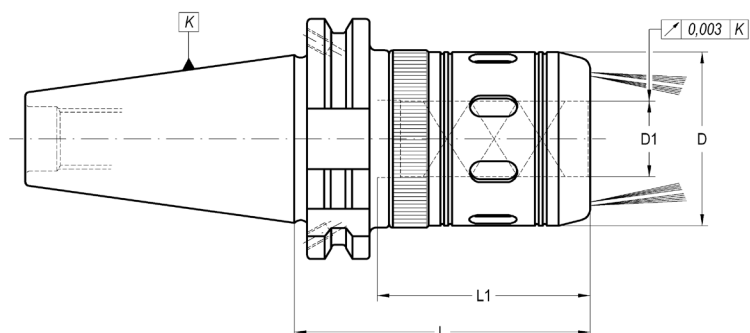
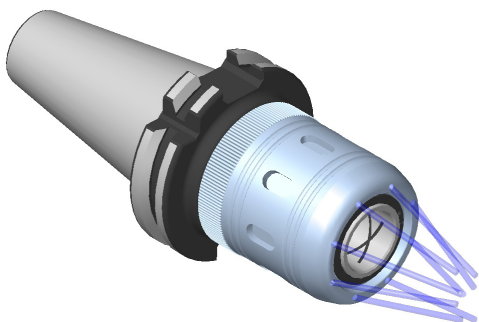
004 33 15



K	D1	L	D	L1	COD.
40	20	75	46	60	004 33 15 02 04
40	20	105	46	60	004 33 15 02 14
40	32	100	62	80	004 33 15 02 06
40	32	120	62	80	004 33 15 02 16
50	20	105	46	60	004 33 15 04 04
50	32	85	62	80	004 33 15 04 06
50	32	135	62	80	004 33 15 04 26
50	40	110	85	85	004 33 15 04 07
50	50	120	99	90	004 33 15 04 09

ELS

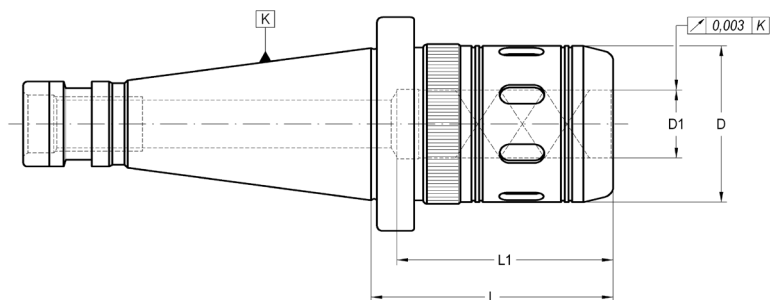
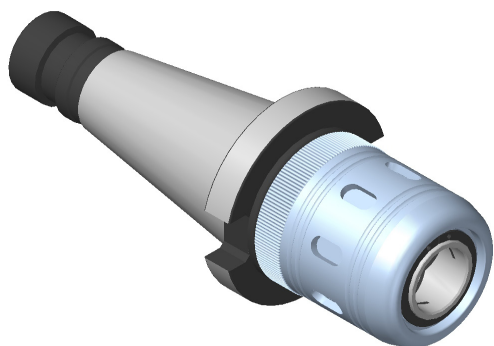
004 33 25



K	D1	L	D	L1	COD.
40	20	75	46	60	004 33 25 02 04
40	32	100	62	80	004 33 25 02 06
50	32	85	62	80	004 33 25 04 06

Standard

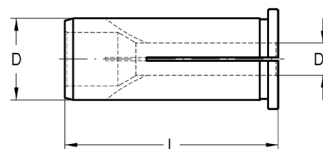
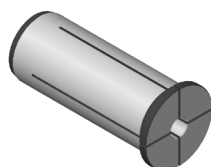
004 05 15 ...



K	D1	L	D	L1	COD.
40	20	65	46	60	004 05 15 02 04
40	32	80	62	75	004 05 15 02 06
50	20	70	46	60	004 05 15 04 04
50	32	75	62	80	004 05 15 04 06
50	40	95	85	90	004 05 15 04 07
50	50	95	99	90	004 05 15 04 09

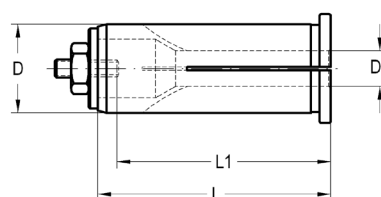
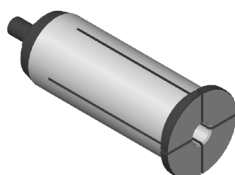
HERMETIC 100% STEEL . For tools with plain cylindrical straight shank

002 05



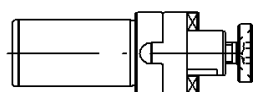
COD.	D	L1	D1
002 05 14 ..	20	52,5	3-4-5-6...14-15-16
002 05 16 ..	32	64,5	3-4-5-6...14-15-124-25-26
002 05 17 ..	40	73	16-20-25-32
002 05 19 ..	50	83	20-25-32-40-42

002 09

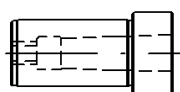


COD.	D	L	L1 (max)	D1
002 09 14 ..	20	52,5	25-45	6-8-10-12-14-16
002 09 16 ..	32	64,5	30-60	6-8-10-12...18-20-25

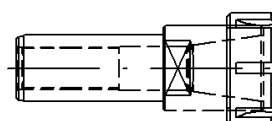
FOR OTHER ACCESORIES
Consult general catalogue



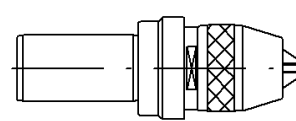
Universal arbors
001 50 02



Reducing adapters
003 50 12

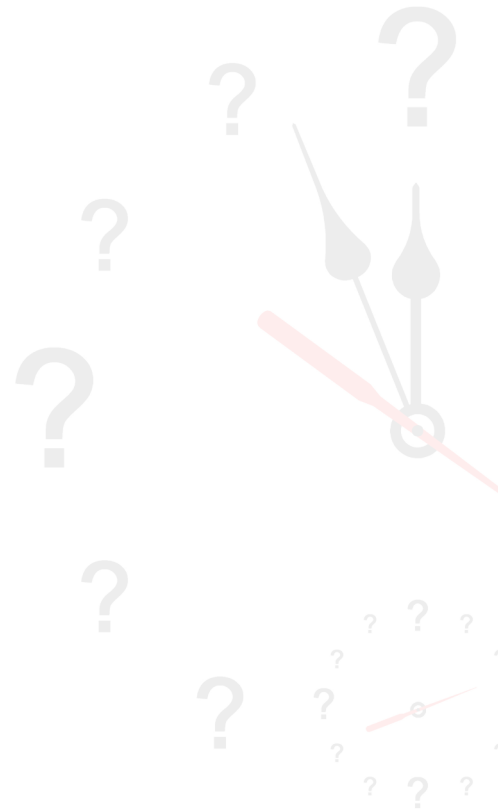


Collet chucks DIN 6499 (ER TYPE)
004 50 06



Reducing adapters
012 50 09

- Do you have any question?
 - comment?
 - suggestion?
 - difficult to CNN?



If you need:

SPECIAL TOOLHOLDER SYSTEMS

Please, contact us.



Laip





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