

SCK

BILZ

Member of the LEITZ Group

Synchro Tapping Chuck



Benefits

- ✓ Increased tap life
- ✓ Better thread quality
- ✓ Reduced risk of tap breakage
- ✓ Less number of tools required
- ✓ Low spindle maintenance
- ✓ No downtime

Application :

Tapping on machines with synchronized feed (pitch / feed synchronization)

Machine type :

Machining centers & CNC turning centers with synchronized tapping or rigid tapping cycle

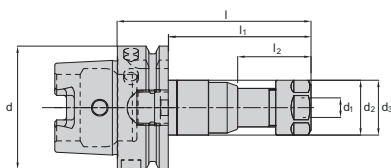
Features

Minimum compensation on tension / compression is $\pm 0.15\text{mm}$ for SCK -Size 1 & 2

Advantages

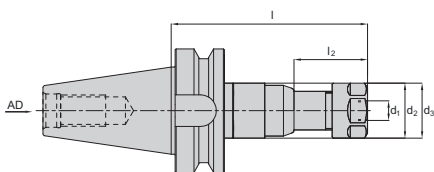
Compensation of the synchronisation error (pitch & feed error)
Reduction of pressure on the thread flanks

SCK / HSK Hollow taper shank DIN 69893A with internal coolant feed or 1 chanel MQL



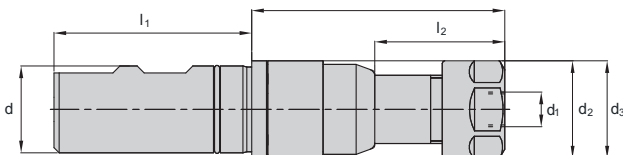
Designation / Id. No.	d_1	\pm	d_2	d_3	l	l_1	l_2			
SCK1-95,5/HSK-A63-ESX20-BL 5010567	M4-M12 4,5-11,2	+/-0,15	34	34	95.5	69.5	37.5	ESX20-GB	DS/ER20	GS-30 91000460
SCK2-109/HSK-A63-ESX32-BL 5011981	M4-M20 4,5-18	+/-0,15	50	50	109	83	43.5	ESX32-GB	DS/ER32	E 32 99921609
SCK1-102/HSK-A100-ESX20-BL 5012119	M4-M12 4,5-11,2	+/-0,15	34	34	102	73	37.5	ESX20-GB	DS/ER20	GS-30 91000460
SCK2-115,5/HSK-A100-ESX32-BL 5012062	M4-M20 4,5-18	+/-0,15	50	50	115.5	86.5	43.5	ESX32-GB	DS/ER32	E 32 99921609

SCK / BT BT taper shank MAS 403 with internal coolant feed or 1 chanel MQL



Designation / Id. No.	d_1	\pm	d_2	d_3	l			
SCK1-96,5/BT 40-ESX20-BL 5053652	M4-M12 4,5-11,2	+/-0,15	34	34	96.5 Id. No.	ESX20-GB	DS/ER20	GS-30 91000460
SCK2-110/BT 40-ESX32-BL 5053655	M4-M20 4,5-18	+/-0,15	50	50	110 Id. No.	ESX32-GB	DS/ER32	E 32 99921609
SCK1-107,5/BT 50-ESX20-BL 5053653	M4-M12 4,5-11,2	+/-0,15	34	34	107.5 Id. No.	ESX20-GB	DS/ER20	GS-30 91000460
SCK2-121/BT 50-ESX32-BL 5053656	M4-M20 4,5-18	+/-0,15	50	50	121 Id. No.	ESX32-GB	DS/ER32	E 32 99921609

SCK / W Straight / Modular Shank according to DIN1835 B + E



Designation / Id. No.	d_1	\pm	d_2	d_3	l	l_1	l_2			
SCK1-73/W25-ESX20-BL 5012220	M4-M12 4-11,2	+/-0,15	25	34	34	73	57	ESX20-GB	DS/ER20	GS-30 91000460
SCK2-87,5/W25-ESX32-BL 5012276	M3.5-M30 4-20	+/-0,15	25	50	50	887.53	57	ESX32-GB	DS/ER32	E 32 99921609

N max. length adjustment (N) 3-mm
Specials / Customized also can be offered on request

Suitable collets, spanners, sealing discs & length adjustment screws to be ordered separately

Email: sales@bilztool.com