

# Promotion 2009



## “SYNCROLIZE” Tapping chuck for rigid tapping

The **SYNCROLIZE** tapping chuck, in addition to the standard cutting parameters, established by the manufacturer, increases the tap life thanks to the alignment tap-hole and thanks to its micro-compensation of 1 mm in extension, that absorbs the eventual error of synchronism between the feed rate and the thread pitch.

The increase of tap life is given by the axial micro-compensation of our synchronized tapping chuck, that allows to absorb the tension on the cutting edge of the tap during the working process.

### Why should you use the S.C.M. “SYNCROLIZE” tapping chuck?

- increase of tool life.
- Possibility of high speed tapping using the rigid tapping program.
- Guarantees threads in tolerance.
- Avoids tap breakage
- Standard with central coolant through
- Flexible use thanks to the quick change adapters also in the extended version.



## 10% SAVINGS

SCM Code	Composition	Shank	Capacity	Price List	PROMO Price
C - 23400-H63A	23400-H63A + 23410-ER16	HSK-63A	1- M3-M12	<del>209,00</del>	188,10
C - 23600-H63A	23600-H63A + 23610-ER25	HSK-63A	2- M6-M20	<del>255,00</del>	229,50
SCM Code	Composition	Shank	Capacity	Price List	PROMO Price
C - 23400-40A	23400-40A + 23410-ER16	ISO 40A	1- M3-M12	<del>179,00</del>	161,10
C - 23400-50A	23400-50A + 23410-ER16	ISO 50A	1- M3-M12	<del>189,00</del>	170,10
C - 23600-40A	23600-40A + 23610-ER25	ISO 40A	2- M6-M20	<del>225,00</del>	202,50
C - 23600-50A	23600-50A + 23610-ER25	ISO 50A	2- M6-M20	<del>269,00</del>	242,10
SCM Code	Composition	Shank	Capacity	Price List	PROMO Price
C - 23400-40BT	23400-40BT + 23410-ER16	BT 40	1- M3-M12	<del>179,00</del>	161,10
C - 23400-50BT	23400-50BT + 23410-ER16	BT 50	1- M3-M12	<del>189,00</del>	170,10
C - 23600-40BT	23600-40BT + 23610-ER25	BT 40	2- M6-M20	<del>225,00</del>	202,50
C - 23600-50BT	23600-50BT + 23610-ER25	BT 50	2- M6-M20	<del>269,00</del>	242,10



Quick change tap adapter for “Syncrolize” tapping chuck to use with ER Collets.

S.C.M. decided to manufacture its rigid tapping chuck also with quick change (rigid) tap adapters for an easy use. This option reduces also the cycle times during tool change.

Furthermore, using this quick change system with extensions helps in situations where clearance issues are important.

SCM Code	Capacity	Collets	Price List	PROMO Price
23410-ER16	1- M3-M12	ER 16	<del>65,00</del>	58,50
23610-ER25	2- M6-M20	ER 25	<del>76,00</del>	68,40

The fast development of CNC machines and cutting tools imposes innovative solutions. For that reason S.C.M. started a collaboration with the Italian tap manufacturer U.F.S.

This collaboration allows lots of testing in real working situations which results into the fact that S.C.M. remains the market leader in tapping.

### COMPARATIVE TEST EXECUTED BY CENTER OF RESEARCH AND DEVELOPMENT (SCM)

Used parts:

tap: U.F.S. line ULTRA HT K82M10X-CTS

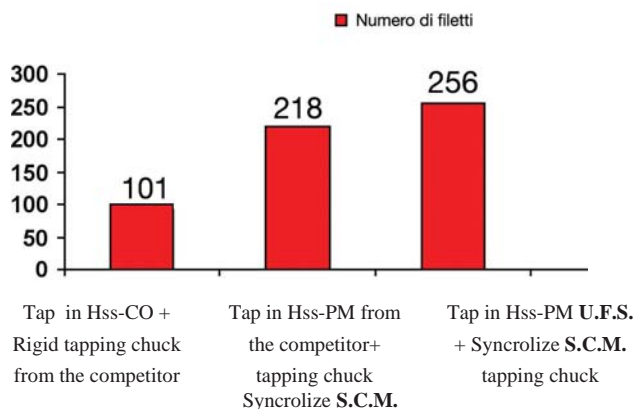
tapping chuck: S.C.M. Syncrolize

material: stainless steel AISI 316 L

working parameters:

thread M	pitch	depth	Cutting speed (m/min)	coolant	coating	Thread nr.
10	1,5	30 mm	9	External Emulsion of 10%	CTS	256

COMPARATIVE TABLE  
With Syncrolize S.C.M. tapping  
chuck and U.F.S. tap



For taps see the U.F.S. promotion



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