



Chuck Designation Size / Location	For Taps	Suitable Collet	Length Comp.		Float	D dia.	D1 dia	D2 dia	L	L1	Approx. Weight Kg.
			Compr.	Expan.							
CCSFL 12 - MT 2 CCSFL 12 - MT 3	M 3 - M 12	ER20	10	20	1.0	35	50	58	150	43	1.5
CCSFL 22 - MT 3 CCSFL 22 - MT 4 CCSFL 22 - MT 5	M 8 - M 22	ER32	10	20	1.5	50	76	83	191 192 193	53	4.0 4.3 4.5

Ordering Example :-CCSFL - 22 / MT 3 = 2 Nos.

'CCSFL' is a simple to use & operator friendly tapping Attachment.

'CCSFL' 12 is equipped with ER20 collet Head, where ER20 collets are used . The maximum capacity of the collet is 13mm. This can be used up to M16 fine pitch.

'CCSFL' 22 is equipped with ER32 collet Head, where ER32 collets are used. The maximum capacity of the collet is 20mm. This can be used up to M30 fine pitch.

**SAFETY BALL CLUTCH :**

There is a safety clutch mechanism which is suitable within its range of Tapping. The safety clutch disengages when the present torque is exceeded. After disengagement there is almost no Torque on the Tap & thus the clutch suffers practically no wear. Due to this Tap breakage is prevented. Blind holes can be bottom- tapped under full rotation of the spindle, reversal of the spindle re-engages the clutch and the tap is automatically

**FLOAT RADIAL PARALLEL :**

The ball operated floating device guarantees threads to correct tolerances. In case of misalignment, protects the tap against side thrust. It comes again into center automatically after every tapping operation . The radial Parallel float is 1.0mm & 1.50 mm respectively.

**LENGTH COMPENSATION :**

The length compensation is Ball Cage operated and hence the axial movement is very smooth. Even at the extreme Torque, the free axial movement prevents damage to thread flanks. When the feed rate & tap pitch do not match, i.e during hand feed, this helps for cutting small threads on heavy machines.