

THREADING SERVICES



SEBI ENTERPRISES

Mechanical Rebar Splicing Solutions

QUALITATIVE PRODUCT AND SERVICES

■ PRODUCT WITH SERVICES

SEBI Enterprises applies its technical expertise to provide the most efficient, customized, cost-effective and high-performance systems & components for construction projects.

TO
SHAPE
FUTURE
CONSTRUCTION



FOR
SEBI
COUPLERS



INNOVATION ENGINEERING



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WHY MECHANICAL SPLICE

In today evolution of construction industry, the traditional method of lapping rebar are no longer used, Most of Constuction codes are specifying a Mechanical Coupler Splice as it provides structural integrity with minimizing cost. Provides with Rebar Steel congestion. Quick Installation. Minimizing rebar wastage/scrap. No staggering of splice rebar is required. No reduction of rebar cross section due to cold upsetting



PRODUCT AND SERVICES FEATURES

Parallel thread Mechanical Splice system are been designed for the connection of concrete reinforcement bars from 12mm to 40mm diameter



DESIGN AND MANUFACTURING STANDARDS

Designed and manufactured in compliance with ACI 318, JGJ 107, BS 8110, DIN 1045, ACI 349, IS 16172.



COUPLER AND THREAD SPECIFICATIONS

Standard Parallel Thread Coupler - Dimensional Specification			
Bar Diameter	Metric X Thread	Outside Diameter	Length
(mm)	Pitch	(mm)	(mm)
12	M14 X 2.0	23	28
16	M18 X 2.0	26	32
20	M24 X 2.5	33	40
25	M29 X 3.0	40	50
28	M32 X 3.0	45	56
32	M36 X 3.0	50	64
36	M40 X 3.5	56	72
40	M45 X 3.5	63	80

MANUFACTURING PROCESS

CUTTING

The end of the Rebar is cut by special square cutting machine



THREADING

Cutting parallel thread on the enlarged end of Rebar by rotating



UPSETTING

Enlarging the end of rebar by cold upsetting die



SPLICING

Connecting rebars by Couplers



MACHINE SPECIFICATIONS

The Onsite setup consists of 3 machinery

- Upsetting Machine
- Powerpack
- Threading Machine



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DELIVERING
— QUALITY

ABOUT OUR COMPANY —

■ ABOUT

Sebi Enterprise is established by ACR, as ACR is one of the leading manufacturers of Mechanical Splicing System specifically designed for the connection of Reinforcement bars to ease the Construction sector and technical assistance



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■ WHAT WE PROVIDE

Sebi Enterprises provides Parallel Threaded and Tapered Threaded Services and couplers ranging from 12 mm to 40 mm.