



VRUDDHI STEEL LIMITED

We cater to the need for mechanical splicing solutions in the construction Industry. We are a leading manufacturer and exporter of **Rebar Couplers** backed by vast experience and expertise. We provide end to end mechanical splicing solutions ranging from design, manufacturing, testing, logistics and rebar threading. Vruddhi Steel Limited is **ISO - 9001 : 2015** accredited

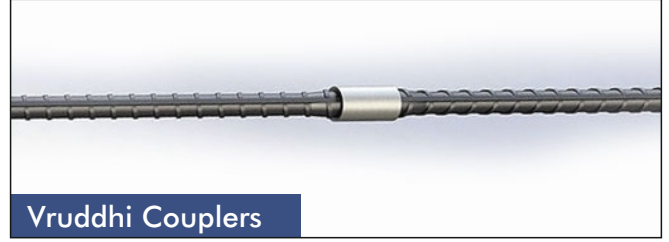


VRUDDHI COUPLER

Conventional Splicing



Mechanical Splicing



Cost Saving Opportunity - 46 D

Rebar Size (mm)	Lapping (m)	Wastage of TMT per Joint (Kg)	Cost Per Lap Joint (Rs)
40	1.84	18.2	1092
32	1.48	9.3	558
25	1.15	4.4	264
20	0.92	2.3	138
16	0.74	1.2	72

Cost Saving Opportunity - 40D

Rebar Size (mm)	Lapping (m)	Wastage of TMT per Joint (Kg)	Cost Per Lap Joint (Rs)
40	1.6	15.8	948
32	1.3	8.1	486
25	1.0	3.9	234
20	0.8	2	120
16	0.7	1	60

Product Features

Vruddhi Couplers are suitable to join the reinforcement bars end to end. Couplers are an efficient and cost effective alternative for overlapping joints.

Vruddhi Rebar Couplers are readily available for rebar diameter ranging from 16 mm to 40mm. We can customize our products to meet your specific requirement.

Build a **“Greener”** and a **“Lighter”** structure by significantly reducing the consumption of steel.

Benefits



Cost saving – Lesser steel consumption



Load Transfer independent of concrete



Shortens project timeline



No torque wrench required



Solves bar congestion



Improvement in concrete flow



Full performance rebar splicing system



IS 16172 Compliant

Products



Vruddhi Parallel Threaded Couplers



Vruddhi Cold Forged Couplers



Vruddhi Taper Threaded Couplers



Vruddhi Pre Cast Couplers



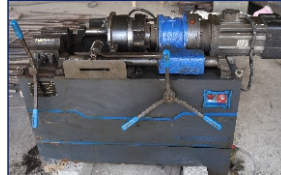
Vruddhi Bolted Couplers



Vruddhi Crimping Couplers



BST Chaser Threading Machine



Roller Threading Machine



Cold Forging Machine



Threading Protection Caps

Services

Our skilled and experienced workforce provide On-site threading services.



Rebar Cold Forging and Threading Services



Rebar Parallel Threading Service

Quality Assurance



Vruddhi Rebar Couplers are produced from carbon steel. Vruddhi Rebar couplers comply with strict technical specification and governing standards of IS16172, ISO 15835, BS 970, among others

Quality Certifications

- Chemical Composition Test
- Static Tensile Test
- Low Cycle Fatigue Test

- Cyclic Tensile Test
- Elongation Test
- Slip Test

UIN: Unique Identification Number

Unique codes are marked on each coupler ensuring end to end traceability. UIN ensures strict quality norms across supply chain from raw material of coupler to delivery of coupler.





Rebar Preparation Process

Cold Forged

Step 1



Flat cut Rebars

Step 2



Cold Forging

Step 3



Threading

Step 4



Couplers Fixing

Parallel

Step 1



Flat Cut Rebars

Step 2



Threading

Step 3



Couplers Fixing

Tapered

Step 1



Flat Cut Rebars

Step 2



Threading

Step 3



Couplers Fixing

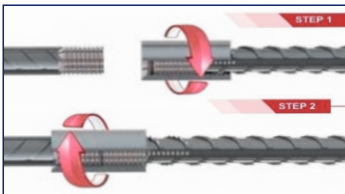
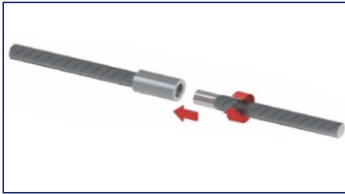
Standard Coupler (Type A)

Easy connection by bar rotation until full thread engagement. Thanks to the parallel thread;

- No risk of thread mismatch
- No risk of cross-threading

Position Coupler (Type B)

It is used when none of the rebars can be rotated.



Some Of The Awesome Clients We Work For

