



# JOINT

THREADED REBAR JOINT

# FREE-JOINT

FOR REBAR TYPE - SS560:2016 Gr. 500&600 SIZE 20~40

FREE-JOINT features a long body and wide clearance for absorbing gap between rib pitches to join fixed rebar easily.

Flexible and suitable for joining welded-fixed rebar units such as of precast method, top-down construction method, D-wall and piles.

It also conforms to ISO15835.



## Features

1. Can be joined fixed rebar
2. Able to absorb gap between rib pitches
3. Suitable for precast method, top-down method, pile and D-wall constructions



**PRECAST METHOD**



**PREFABRICATION  
METHOD(PILE)**



**TTK GROUT &  
CONSTRUCTION TOOLS**

# THREADED REBAR JOINT FREE-JOINT

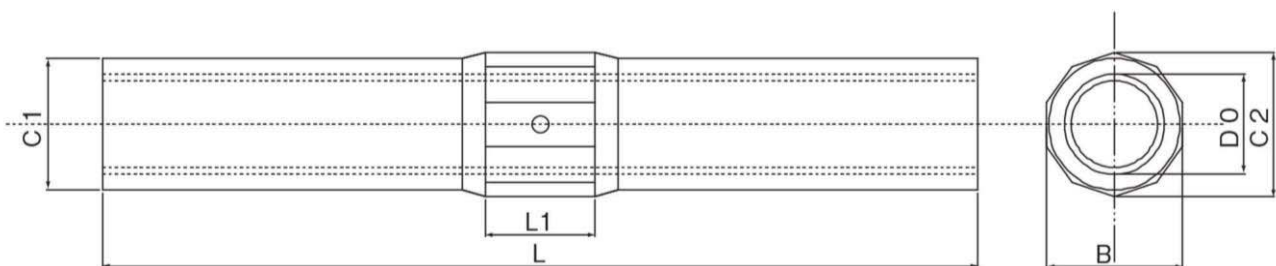
## ■ Mechanical Properties

Standard	Grade	0.2%Proof Stress (N/mm <sup>2</sup> ) min	Tensile Strength (N/mm <sup>2</sup> ) min	Elongation (%) min	Hardness (HB)
BS EN 1564	EN-GLS-1200-2	850 and over	1200 and over	2 and over	340-440

## ■ Dimensions

(Unit:mm)

BAR Size	Outside diameter of coupler				Length	Dimensions of thread	
						Pitch	Inside dia.
	C1	B	C2	L1	L	P	Do
20	29.0	31.0	32.6	30.0	170	8	22.3
25	38.0	40.0	42.1	30.0	230	10	29.0
32	48.0	50.0	52.6	40.0	280	13	36.6
40	62.0	64.0	67.3	40.0	350	16	47.3



TTK

## Contact information

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