

# TECHNICAL DOCUMENTATION



## REINFORCEMENT SYSTEMS | **GROWTH COUPLER**



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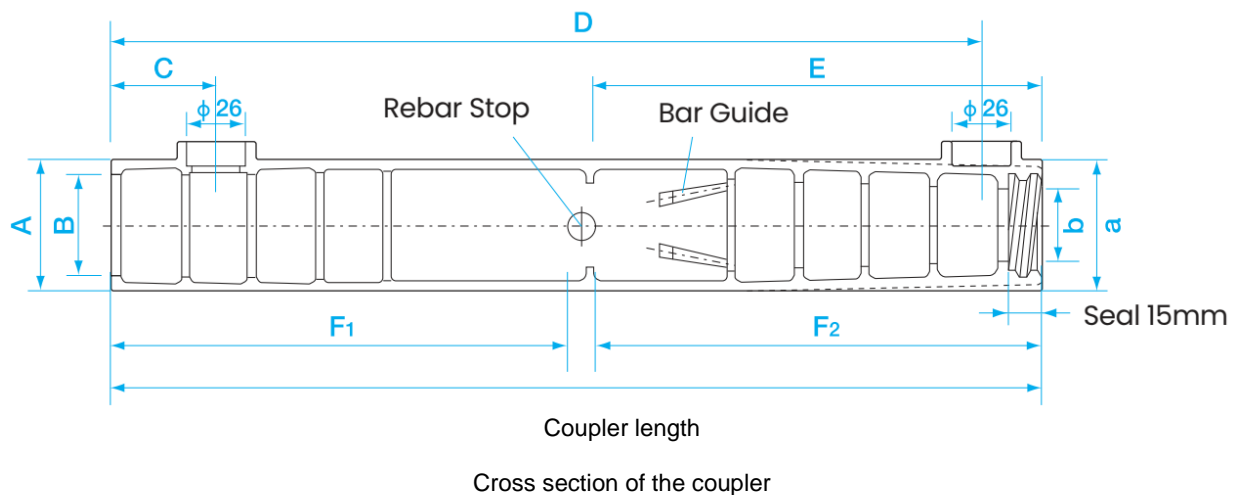
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## GROUTH COUPLER

The Grouth Coupler UX(SA) is applicable for congested rebar patterns and smaller cross section areas. It is the highest performance model recognized as type 2 coupler by the international Code Council Evaluation Service (ICC-ES) ESR-3141. Approved as Class SA splices by the Building Center of Japan as well as several other countries, to be used in the high moment area such as plastic hinge zones in a structure.

The Grouth Coupler can be used in a wide range of construction, structural, and civil engineering applications. It is mainly used in precast as well as in areas requiring higher strength rebar connections such as columns and beams.

The Grouth Coupler system provides superior workability that does not require skilled training, contributes to shortened construction period, labor savings, and cost reduction.



Coupler	Rebar Size	Grouth Coupler Length	Grouth Coupler Diameter			Inlet Position "C"	Outlet Position "D"	Rebar Stop "E"	Rebar Embedment MIN.--MAX.		*Grout Consumption Couplers/Bag	
			O.D. (A,a)	I.D. (B) Wide	I.D. (b) Narrow				Wide End (F1)	Narrow END (F2)	SSM (15 kg / bag)	SSM120N (25 kg / bag)
5UX (SA)	D16	245	45	32	22	47	218	115	90 ~ 120	105 ~ 115	29	44
6UX (SA)	D19 (D16)	285	49	36	25		258	135	110 ~ 140	125 ~ 135	22	33
7UX (SA)	D22 (D16, D19)	325	53	40	29		298	155	130 ~ 160	145 ~ 155	17	25
8UX (SA)	D25 (D19, D22)	370	58	44	31		343	175	150 ~ 185	165 ~ 175	13	19
9UX (SA)	D29 (D22, D25)	415	63	48	35		388	200	175 ~ 205	190 ~ 200	10	15
10UX (SA)	D32 (D25, D29)	455	66	51	39		428	220	195 ~ 225	210 ~ 220	9	14
11UX (SA)	D35 (D29, D32)	495	71	55	44		468	240	215 ~ 245	230 ~ 240	7	11
12UX (SA)	D38 (D32, D35)	535	77	59	47		508	260	235 ~ 265	250 ~ 260	6	9
13/14UX (SA)	D41 (D35, D38)	620	82	62	51		593	300	275 ~ 310	290 ~ 300	4	7

Unit mm

Type Growth Coupler	Product no.
Growth Coupler 5UX (SA)	67593
Growth Coupler 6UX (SA)	67594
Growth Coupler 7UX (SA)	67595
Growth Coupler 8UX (SA)	67596
Growth Coupler 9UX (SA)	67597
Growth Coupler 10UX (SA)	67598
Growth Coupler 11UX (SA)	67599
Growth Coupler 12UX (SA)	67600
Growth Coupler 13UX (SA)	67601

## CONTACT



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