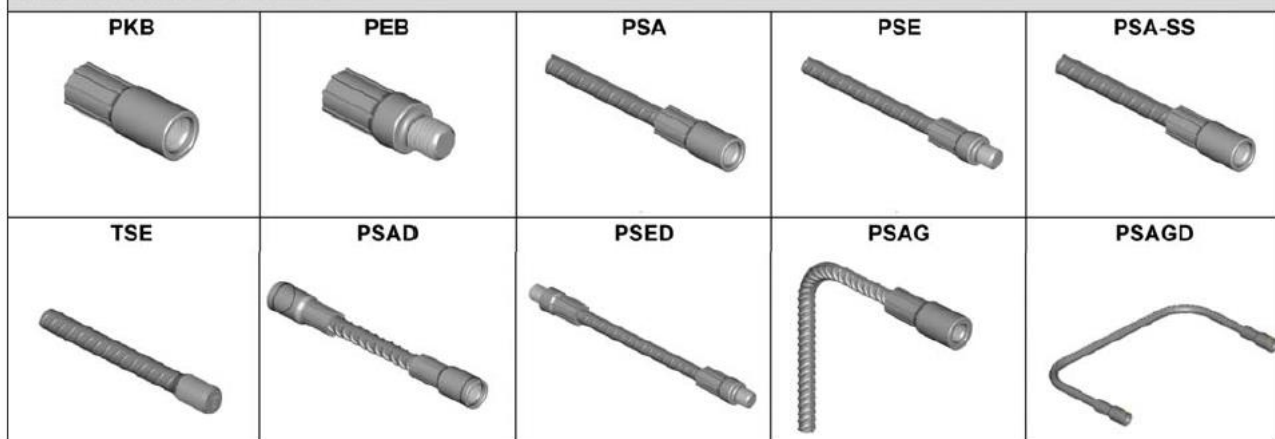




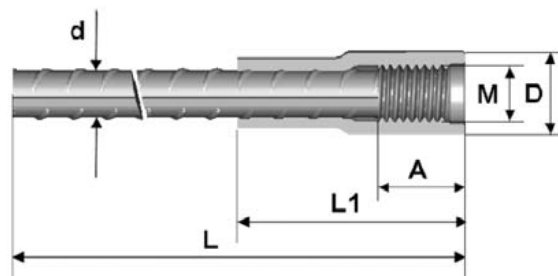
Armeringskoblinger



PATENT SYSTEM COUPLERS



PSA REINFORCEMENT COUPLER



PSA		L	MASS	Thread		Reinforcement steel				
Description	Product nr.			Metric	A	Length	Product nr.	d	Tensile force	Rated section
		[mm]	[kg]		[mm]	[mm]		[mm]	[kN]	[mm ²]
PSA 10 - M12	43001	400	0,27	12	18	380	10412	10	39,25	78,5
PSA 12 - M16	43003	400	0,44	16	25	375	10413	12	56,5	113
PSA 16 - M20	43008	400	0,80	20	38	362	10414	16	100,5	201
PSA 20 - M24	43013	700	2,00	24	42	658	10415	20	157	314
PSA 25 - M30	46857	500	2,33	30	52	448	10416	25	245,5	491
PSA 28 - M36	49651	1000	4,99	36	60	940	104XX	28	338,7	615
PSA 32 - M42	46427	1000	7,32	42	65	935	10417	32	401,9	803,8
PSA 40 - M48	43021	1000	11,50	48	72	928	10418	40	625	1250

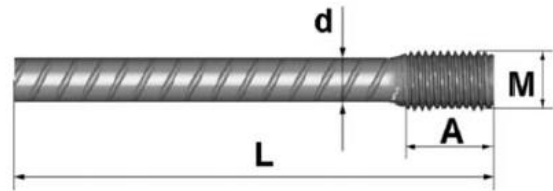
The reinforcement coupler PSA is composed of a reinforcement steel and a sleeve PKB with interior metric thread pressed at one end. In connection with a reinforcement coupler TSE or PSE, the coupler PSA ensures an uninterrupted reinforcement for all types of precast concrete units. These couplers can be made at different dimensions as shown in the upper table. These reinforcement couplers can also be used to lift and move the precast concrete elements.

The PKB couplers are made of steel S 355 or equivalent, galvanized. These couplers are marked with the company logo and the thread type. The reinforcement steel is made of B500B EN 10080.

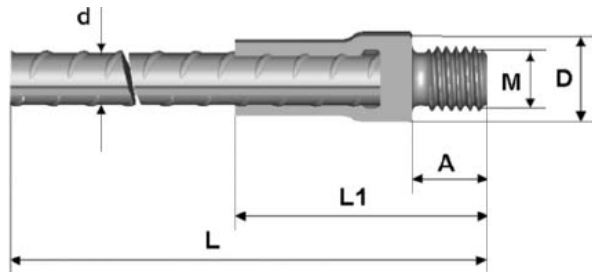
On request the PKB couplers can be produced of stainless steel or S355 hot zinc coating.
Other length available on request: PSA – diam. d x length (L) in mm.

TSE REINFORCEMENT COUPLER

The reinforcement coupler TSE is produced of reinforcement steel B500B EN 100080, forged at one end and then metric thread rolled.



TSE		d	L	MASS	Tensile force	Rated section	THREAD	
Description	Product nr.	[mm]	[mm]	[kg]	[kN]	[mm ²]	Metric	A
TSE 12 - M16	44704	12	200	0,200	56,5	113	16	min 22
TSE 16 - M20	46859	16	200	0,344	100,5	201	20	min 28
TSE 20 - M24	44546	20	200	0,540	157	314	24	min 35
TSE 25 - M30	43614	25	1000	3,925	245,5	491	30	min 43
TSE 28 - M36	49652	28	1000	5,855	338,7	615	36	min 44
TSE 32 - M42	45182	32	1000	6,520	401,9	803,8	42	min 46



PSE REINFORCEMENT COUPLER

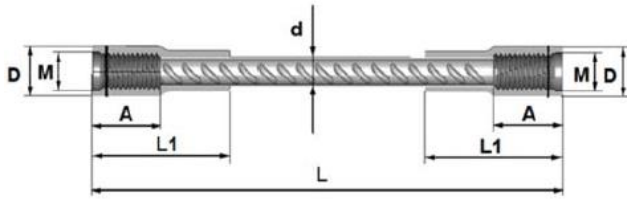
PSE		L	MASS	Thread		Reinforcement steel				
Description	Product nr.	[mm]	[kg]	Metric	A	Length	Product nr.	d	Tensile force	Rated section
					[mm]	[mm]		[mm]	[kN]	[mm ²]
PSE 10 - M12	43023	400	0,28	12	14	380	10412	10	39,25	78,5
PSE 12 - M16	43025	375	0,41	16	18,5	346	10413	12	56,5	113
PSE 16 - M20	43030	520	0,95	20	22,5	483	10414	16	100,5	201
PSE 20 - M24	43034	665	1,83	24	27	623	10415	20	157	314
PSE 25 - M30	46306	345	1,77	30	33,5	293	10416	25	245,5	491
PSE 28 - M36	49651	1000	4,99	36	40	940	104XX	28	338,7	615
PSE 32 - M42	43039	1400	10,50	42	46	1328	10417	32	401,9	803,8
PSE 40 - M48	43021	1000	11,50	48	72	928	10418	40	625	1250

The reinforcement coupler PSE is composed of a reinforcement steel and a sleeve PEB with exterior metric thread pressed at one end. In connection with a reinforcement coupler PSA, the coupler PSE ensures an uninterrupted reinforcement for all types of precast concrete units. These couplers can be made at different dimensions as shown in the upper table.

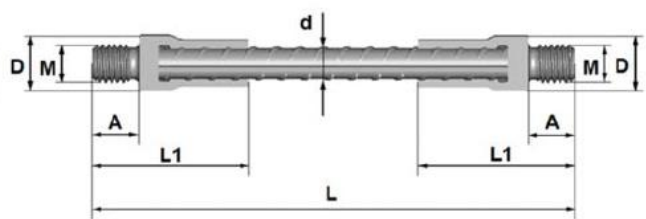
The PEB couplers are made of steel S 355 or equivalent, galvanized. These couplers are marked with the company logo and the thread type. The reinforcement steel is made of B500B EN 100080.

On request the PEB couplers can be produced of stainless steel or S355 hot zinc coating.
Other length available on request: PSE – diam. d x length (L) in mm.

PSAD / PSED REINFORCEMENT COUPLER



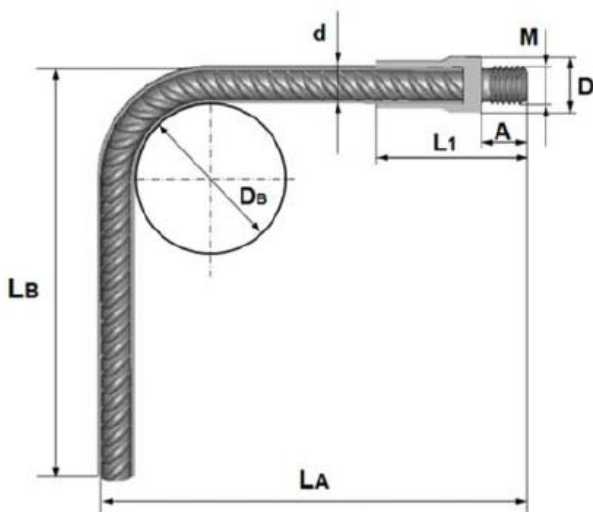
DOUBLE REINFORCEMENT COUPLER PSAD



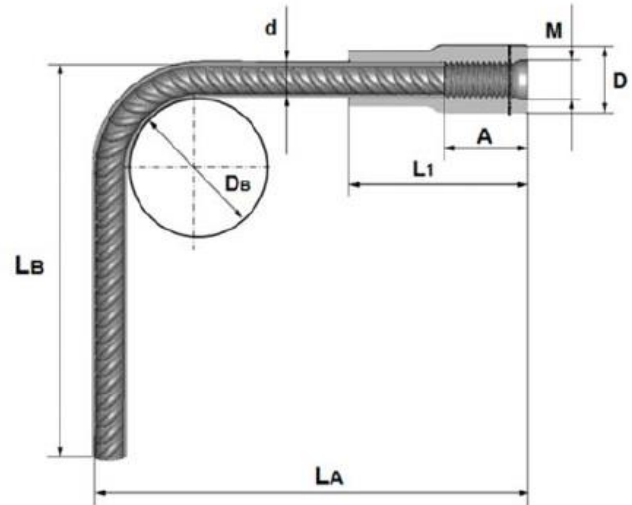
DOUBLE REINFORCEMENT COUPLER PSED

Description	Rebar Diameter	Lenght of Rebar
PSAD/PSED-10-M12	10	product can be made on any kind of rebar lenght
PSAD/PSED-12-M16	12	
PSAD/PSED-16-M20	16	
PSAD/PSED-20-M24	20	
PSAD/PSED-25-M30	25	
PSAD/PSED-28-M36	28	
PSAD/PSED-32-M42	32	
PSAD/PSED-40-M48	40	

PSAG / PSEG REINFORCEMENT COUPLER



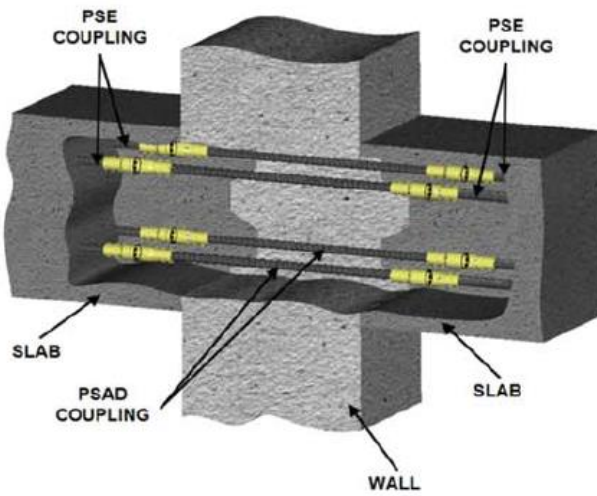
BENDED REINFORCEMENT COUPLER PSAG



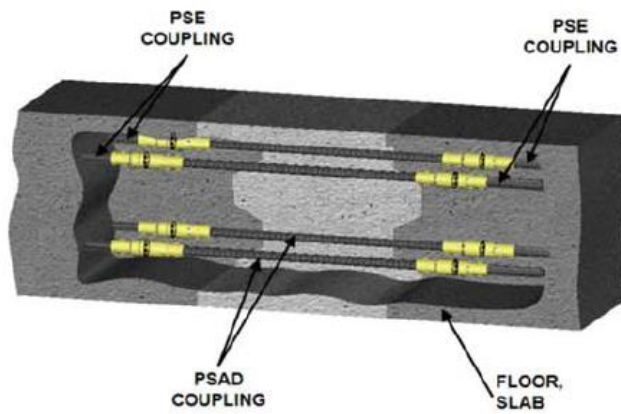
BENDED REINFORCEMENT COUPLER PSEG

Description	Rebar Diameter	Lenght of Rebar
PSAG/PSEG-10-M12	10	product can be made on any kind of rebar lenght
PSAG/PSEG-12-M16	12	
PSAG/PSEG-16-M20	16	
PSAG/PSEG-20-M24	20	
PSAG/PSEG-25-M30	25	
PSAG/PSEG-28-M36	28	
PSAG/PSEG-32-M42	32	
PSAG/PSEG-40-M48	40	

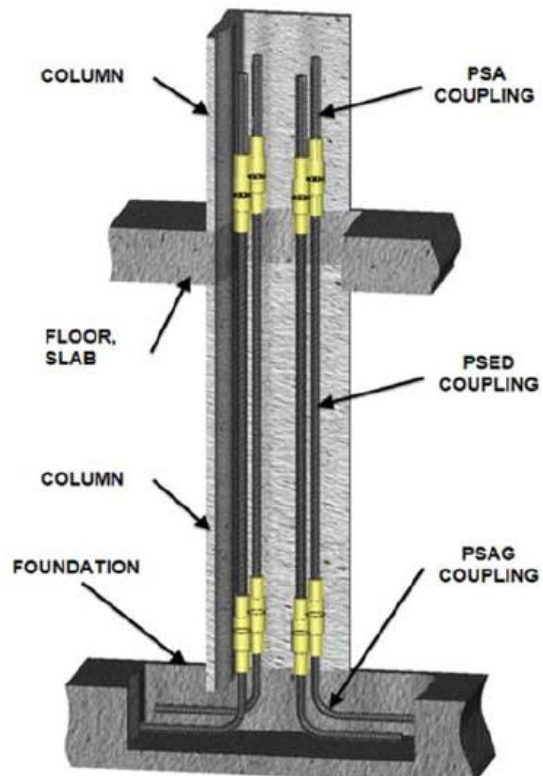
THE MAIN APPLICATION OF PATENT SYSTEM CONNECTION



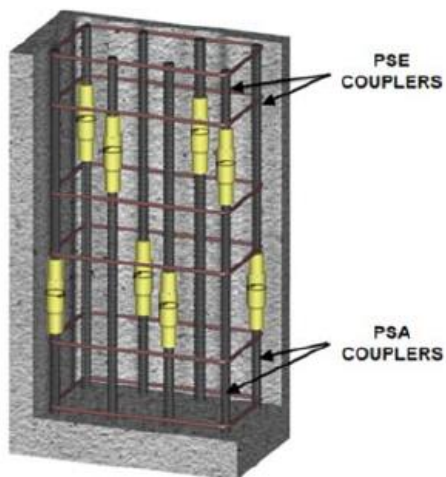
Connection between slab - wall (column) – slab (beam)



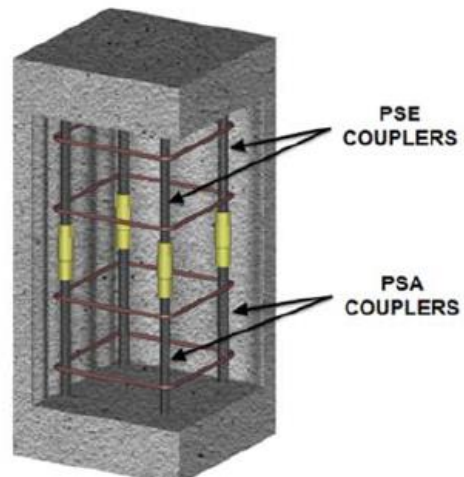
Floor with temporary opening for crane, to be cast later.



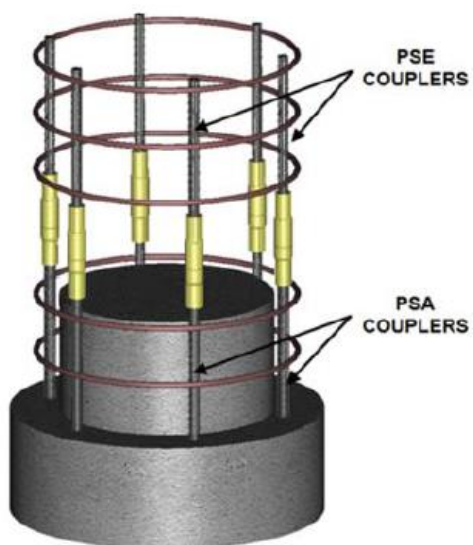
Rising column reinforcement.



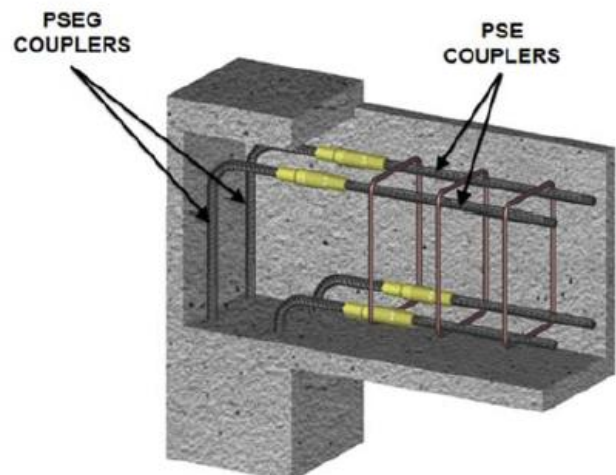
WALL



PYLON



COLUMN



COLUMN AND BEAM
COLUMN AND SLAB
WALL AND SLAB

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