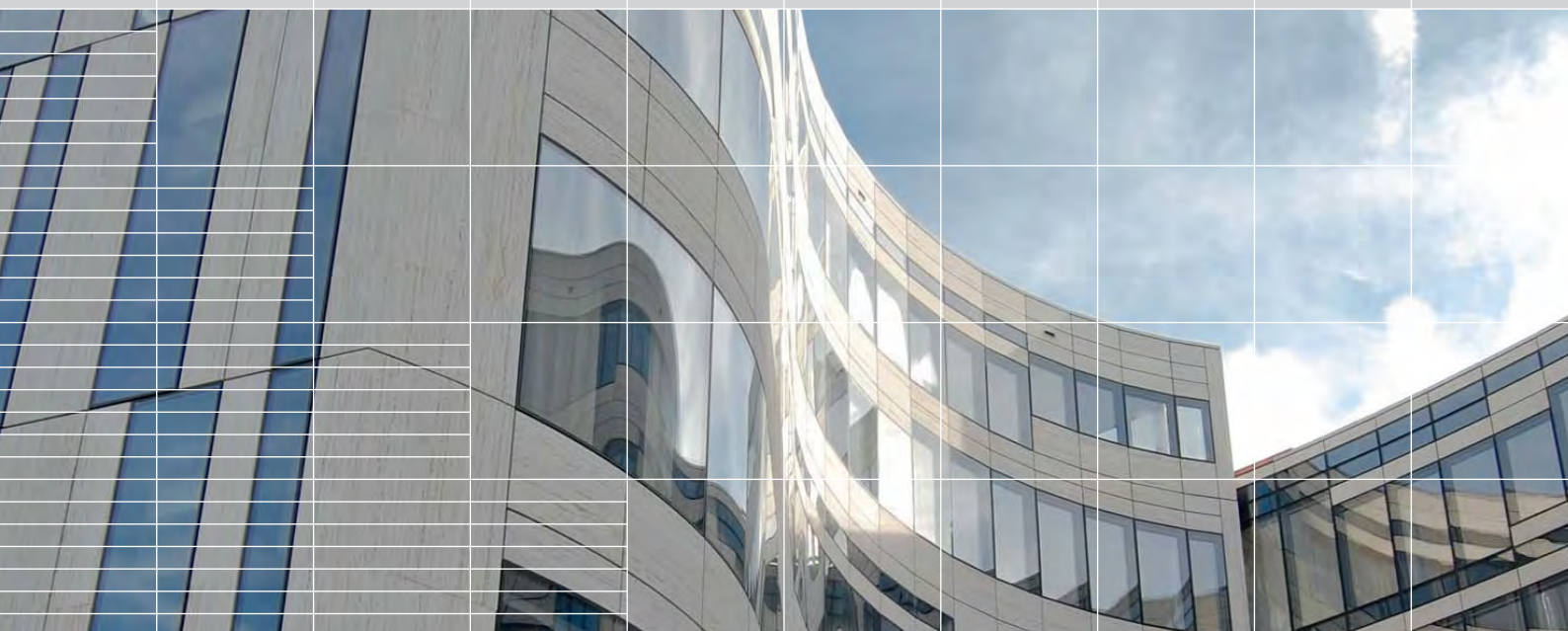


FRANK | Product List

valid as of 1 April 2014



Egcodorn

dowel systems





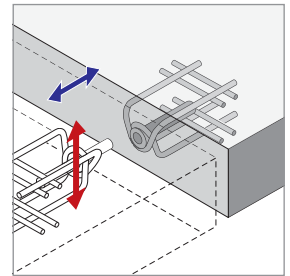
Egcodorn transverse force dowel

By using the Egcodorn transverse force dowel, complex formwork and reinforcing operations in the area of expansion joints can be avoided. In addition, visually appealing slab undersides are achieved. The structure of the Egcodorn

transverse force dowel allows for the transmission of high transverse forces even with minimum component dimensions. The unique corrosion protection system and the use of high-quality materials guarantee high durability.

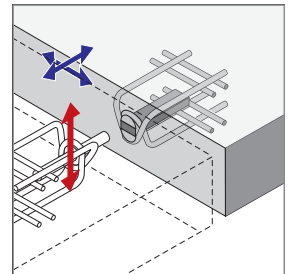
Egcodorn WN

Egcodorn WN dowels only allows for displacement in the direction of the longitudinal dowel axis. The dowels must be arranged carefully in the displacement direction, as well as being oriented parallel to each other.



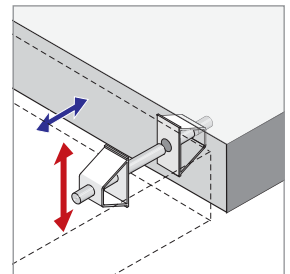
Egcodorn WQ

Egcodorn WQ dowels allow for displacement in both directions, longitudinal and transverse to the dowel axis. Egcodorn WQ should be used for large joints and curved component edges. The dowels must be positioned carefully.



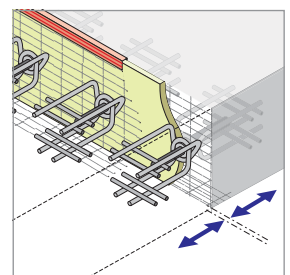
Egcodorn DND

Egcodorn DND dowels allow for displacement under dynamic load in the direction of the longitudinal dowel axis. Egcodorn DND dowels are currently the only approved transverse force dowel connection for dynamic loads. The main area of application are accessible joints, e.g. in mass-spring systems or in parking decks.





Stremaform® formwork elements

In order to ensure a fast and accurate construction process, Egcodorn dowels can be integrated into pre-fabricated Stremaform® formwork elements. The assembly is then carried out by means of a crane which reduces the physical strain for the on-site staff. For further information regarding Stremaform® formwork components refer to page 42.




Egcodorn WN/WQ

Shear force dowels for very high static loads with DIBt approval Z-15.7-301


	Art. no.	Type	Weight kg/pce.
	EGCODORNWN040	WN40	2.70
	EGCODORNWN050	WN50	4.30
	EGCODORNWN070	WN70	6.00
	EGCODORNWN095	WN95	8.80
	EGCODORNWN100	WN100	9.20
	EGCODORNWN120	WN120	15.50
	EGCODORNWN150	WN150	16.20
	EGCODORNWN210	WN210	28.80
	EGCODORNWQ040	WQ40	3.10
	EGCODORNWQ050	WQ50	4.60
	EGCODORNWQ070	WQ70	6.50
	EGCODORNWQ095	WQ95	9.30
	EGCODORNWQ100	WQ100	9.70
	EGCODORNWQ120	WQ120	16.20
	EGCODORNWQ150	WQ150	17.30
	EGCODORNWQ210	WQ210	30.00
	EGCODORNWQ300	WQ300	32.00
	EGCODORNWQ350	WQ350	35.80

Egcodorn DND

Transverse force dowels for dynamic loads with DIBt approval Z-15.7-266

	Art. no.	Type	Weight kg/pce.
	DND040	DND40	2.46
	DND050	DND50	3.02
	DND070	DND70	4.53
	DND095	DND95	6.63
	DND100	DND100	7.83
	DND120	DND120	9.00
	DND150	DND150	13.48
	DND210	DND210	19.66
	DND300	DND300	34.59
	DND350	DND350	38.36

Fire protection seal corresponding to fire resistance class F120/R120

	Designation	Art. no.
	Fire resistance class F120/R120, please specify Egcodorn or Egcodubel type required. For standard dimensions, please specify joint width. Special dimensions are manufactured to your requirements.	EDBRAND




Egcodubel standard - S355

						
			S355	S355	S355	S355
Protection against corrosion	Ø mm	Length mm	Egcodubel	Egcodubel with plastic sleeve	Egcodubel with stainless steel sleeve	Egcodubel with stainless steel sleeve for transverse movement
Stainless steel*	20	300	EDM20S355	EDM20S355H	EDM20S355HI	EDM20S355HQI
	22	300	EDM22S355	EDM22S355H	EDM22S355HI	EDM22S355HQI
	27	300	EDM27S355	EDM27S355H	EDM27S355HI	EDM27S355HQI
	30	350	EDM30S355	EDM30S355H	EDM30S355HI	EDM30S355HQI
Galvanised	20	300	EDV20S355	EDV20S355H	-	-
	22	300	EDV22S355	EDV22S355H	-	-
	25	300	EDV25S355	EDV25S355H	-	-
	30	350	EDV30S355	EDV30S355H	-	-

Price and delivery time on request.

* Dowel with stainless steel casing. The diameter indication for Egcodubel with stainless steel jackets refers to the external diameter. The diameter of the steel core is the external diameter minus 2 mm.





Egcodubel high-strength - HF

						
			HF	HF	HF	HF
Protection against corrosion	Ø mm	Length mm	Egcodubel	Egcodubel with plastic sleeve	Egcodubel with stainless steel sleeve	Egcodubel with stainless steel sleeve for transverse movement
Stainless steel*	20	340	EDM20HF	EDM20HFH	EDM20HFHI	EDM20HFHQI
	22	350	EDM22HF	EDM22HFH	EDM22HFHI	EDM22HFHQI
	27	360	EDM27HF	EDM27HFH	EDM27HFHI	EDM27HFHQI
	30	400	EDM30HF	EDM30HFH	EDM30HFHI	EDM30HFHQI
	37	470	EDM37HF	-	EDM37HFHI	EDM37HFHQI
Galvanised	20	340	EDV20HF	EDV20HFH	-	-
	22	350	EDV22HF	EDV22HFH	-	-
	25	360	EDV25HF	EDV25HFH	-	-
	30	400	EDV30HF	EDV30HFH	-	-

Price and delivery time on request.

* Dowel with stainless steel casing. The diameter indication for Egcodubel with stainless steel jackets refers to the external diameter. The diameter of the steel core is the external diameter minus 2 mm.

Egcodubel for roadway slabs

						
			S235	S235	S355	S355
Protection against corrosion	Ø mm	Length mm	Egcodubel	Egcodubel with one-sided coating, expansion sleeve	Egcodubel	Egcodubel with one-sided coating, expansion sleeve
Galvanised	18	500	EDV18S235	EDV18S235E	See table Egcodubel standard	-
	20	500	EDV20S235	EDV20S235E		EDV20S355E
	22	500	EDV22S235	EDV22S235E		EDV22S355E
	25	500	EDV25S235	EDV25S235E		EDV25S355E
	28	500	EDV28S235	EDV28S235E		-
Plastic coating	25	500	EDV25S235B	-	-	-

Price and delivery time on request.



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