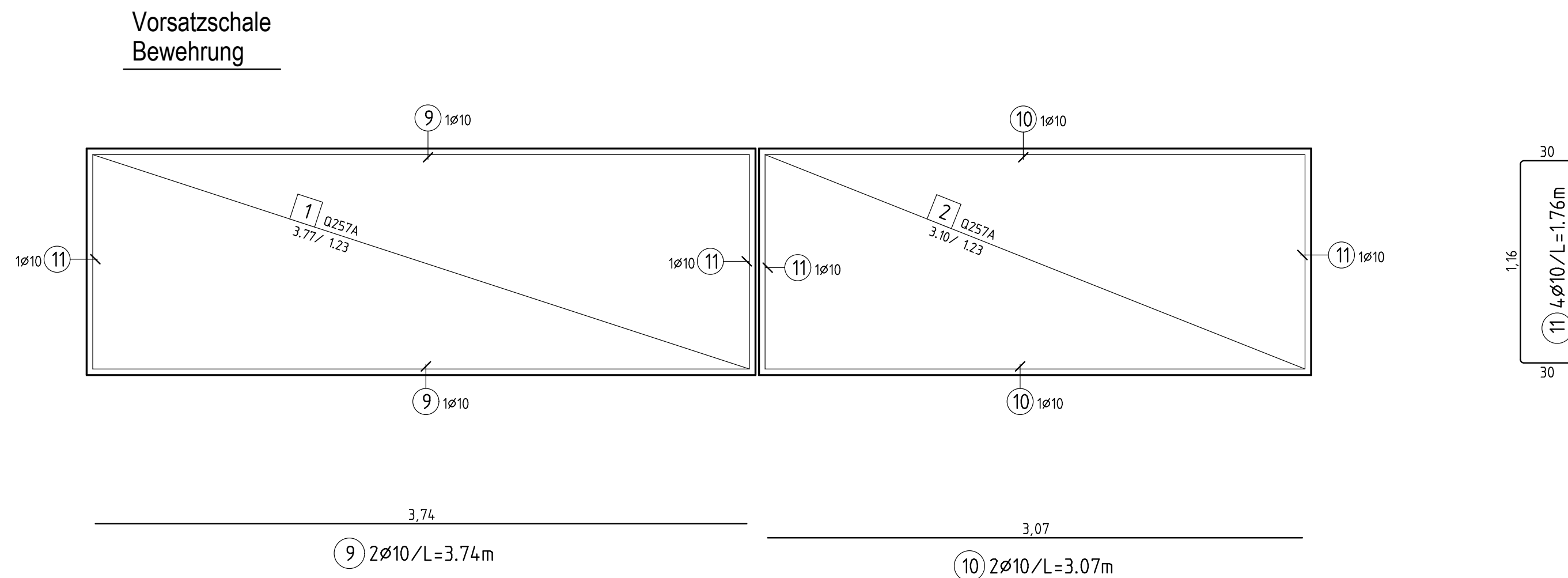
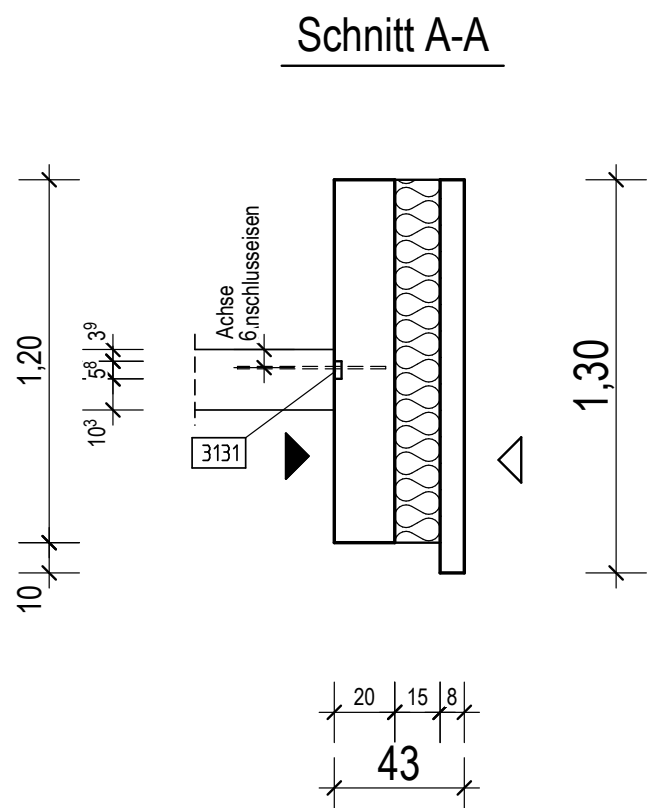
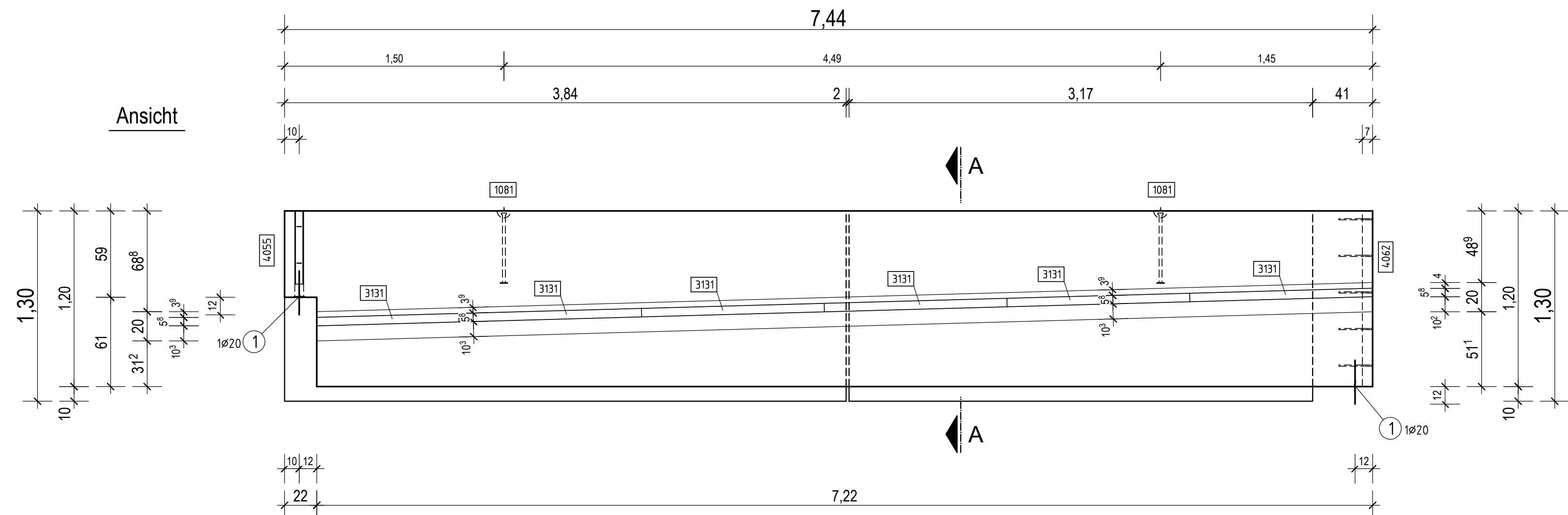


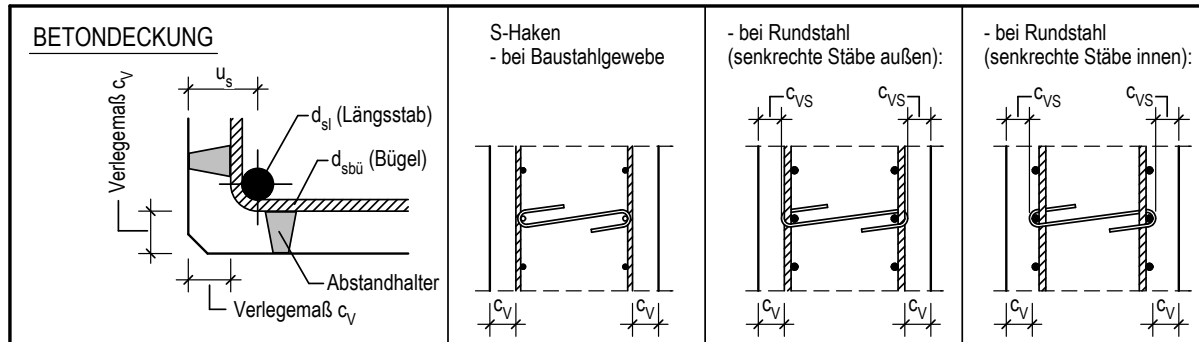
Sandwichwand Pos. 10-217 1 Stück



Pos.	Stück	Bezeichnung
1081	2	geköpfter Kugelförmigkeitstraganker 5.0t; Zulagebewehrung nach Herstellerangaben
1082	6	HBT 55 aß15; Typ 1; L=1.25m
1083	1	Philipp Power Duo-Schnele h=20mm; L=0.20m
1084	2	Philipp Power Duo-Schnele h=20mm; L=1.25m
SPA-1-07-260	2	Halten Traganker SPA-1-07-260-A4
SPA-2-07-260	4	Halten Traganker SPA-2-07-260-A4
SPA-N-05-260	17	Halten Nadeln SPA-N-05-260-A4

TAB 1. Mindestwerte der Biegerollendurchmesser bei einmaligem Biegen (DIN EN 1992-1-1NA, Tabelle NA.8.1a)			
	Haken, Winkelhaken, Schlaufen, Bügel ( $D_{min}$ )	Schlagstäbe oder andere gebogene Stäbe ( $D_{min}$ )	
	Stabdurchmesser $d_s$	Mindestwerte der Betondeckung rechtwinklig zur Biegeebene	
	<20mm	20mm	>10mm
	20mm	25mm	>10mm
	25mm	30mm	>10mm
	30mm	35mm	>10mm
	35mm	40mm	>10mm
	40mm	45mm	>10mm
	45mm	50mm	>10mm
	50mm	55mm	>10mm
	55mm	60mm	>10mm
	60mm	65mm	>10mm
	65mm	70mm	>10mm
	70mm	75mm	>10mm
	75mm	80mm	>10mm
	80mm	85mm	>10mm
	85mm	90mm	>10mm
	90mm	95mm	>10mm
	95mm	100mm	>10mm
	100mm	105mm	>10mm
	105mm	110mm	>10mm
	110mm	115mm	>10mm
	115mm	120mm	>10mm
	120mm	125mm	>10mm
	125mm	130mm	>10mm
	130mm	135mm	>10mm
	135mm	140mm	>10mm
	140mm	145mm	>10mm
	145mm	150mm	>10mm
	150mm	155mm	>10mm
	155mm	160mm	>10mm
	160mm	165mm	>10mm
	165mm	170mm	>10mm
	170mm	175mm	>10mm
	175mm	180mm	>10mm
	180mm	185mm	>10mm
	185mm	190mm	>10mm
	190mm	195mm	>10mm
	195mm	200mm	>10mm
	200mm	205mm	>10mm
	205mm	210mm	>10mm
	210mm	215mm	>10mm
	215mm	220mm	>10mm
	220mm	225mm	>10mm
	225mm	230mm	>10mm
	230mm	235mm	>10mm
	235mm	240mm	>10mm
	240mm	245mm	>10mm
	245mm	250mm	>10mm
	250mm	255mm	>10mm
	255mm	260mm	>10mm
	260mm	265mm	>10mm
	265mm	270mm	>10mm
	270mm	275mm	>10mm
	275mm	280mm	>10mm
	280mm	285mm	>10mm
	285mm	290mm	>10mm
	290mm	295mm	>10mm
	295mm	300mm	>10mm
	300mm	305mm	>10mm
	305mm	310mm	>10mm
	310mm	315mm	>10mm
	315mm	320mm	>10mm
	320mm	325mm	>10mm
	325mm	330mm	>10mm
	330mm	335mm	>10mm
	335mm	340mm	>10mm
	340mm	345mm	>10mm
	345mm	350mm	>10mm
	350mm	355mm	>10mm
	355mm	360mm	>10mm
	360mm	365mm	>10mm
	365mm	370mm	>10mm
	370mm	375mm	>10mm
	375mm	380mm	>10mm
	380mm	385mm	>10mm
	385mm	390mm	>10mm
	390mm	395mm	>10mm
	395mm	400mm	>10mm
	400mm	405mm	>10mm
	405mm	410mm	>10mm
	410mm	415mm	>10mm
	415mm	420mm	>10mm
	420mm	425mm	>10mm
	425mm	430mm	>10mm
	430mm	435mm	>10mm
	435mm	440mm	>10mm
	440mm	445mm	>10mm
	445mm	450mm	>10mm
	450mm	455mm	>10mm
	455mm	460mm	>10mm
	460mm	465mm	>10mm
	465mm	470mm	>10mm
	470mm	475mm	>10mm
	475mm	480mm	>10mm
	480mm	485mm	>10mm
	485mm	490mm	>10mm
	490mm	495mm	>10mm
	495mm	500mm	>10mm
	500mm	505mm	>10mm
	505mm	510mm	>10mm
	510mm	515mm	>10mm
	515mm	520mm	>10mm
	520mm	525mm	>10mm
	525mm	530mm	>10mm
	530mm	535mm	>10mm
	535mm	540mm	>10mm
	540mm	545mm	>10mm
	545mm	550mm	>10mm
	550mm	555mm	>10mm
	555mm	560mm	>10mm
	560mm	565mm	>10mm
	565mm	570mm	>10mm
	570mm	575mm	>10mm
	575mm	580mm	>10mm
	580mm	585mm	>10mm
	585mm	590mm	>10mm
	590mm	595mm	>10mm
	595mm	600mm	>10mm
	600mm	605mm	>10mm
	605mm	610mm	>10mm
	610mm	615mm	>10mm
	615mm	620mm	>10mm
	620mm	625mm	>10mm
	625mm	630mm	>10mm
	630mm	635mm	>10mm
	635mm	640mm	>10mm
	640mm	645mm	>10mm
	645mm	650mm	>10mm
	650mm	655mm	>10mm
	655mm	660mm	>10mm
	660mm	665mm	>10mm
	665mm	670mm	>10mm
	670mm	675mm	>10mm
	675mm	680mm	>10mm
	680mm	685mm	>10mm
	685mm	690mm	>10mm
	690mm	695mm	>10mm
	695mm	700mm	>10mm
	700mm	705mm	>10mm
	705mm	710mm	>10mm
	710mm	715mm	>10mm
	715mm	720mm	>10mm
	720mm	725mm	>10mm
	725mm	730mm	>10mm
	730mm	735mm	>10mm
	735mm	740mm	>10mm
	740mm	745mm	>10mm
	745mm	750mm	>10mm
	750mm	755mm	>10mm
	755mm	760mm	>10mm
	760mm	765mm	>10mm
	765mm	770mm	>10mm
	770mm	775mm	>10mm
	775mm	780mm	>10mm
	780mm	785mm	>10mm
	785mm	790mm	>10mm
	790mm	795mm	>10mm
	795mm	800mm	>10mm
	800mm	805mm	>10mm
	805mm	810mm	>10mm
	810mm	815mm	>10mm
	815mm	820mm	>10mm
	820mm	825mm	>10mm
	825mm	830mm	>10mm
	830mm	835mm	>10mm
	835mm	840mm	>10mm
	840mm	845mm	>10mm
	845mm	850mm	>10mm
	850mm	855mm	>10mm
	855mm	860mm	>10mm
	860mm	865mm	>10mm
	865mm	870mm	>10mm
	870mm	875mm	>10mm
	875mm	880mm	>10mm
	880mm	885mm	>10mm
	885mm	890mm	>10mm
	890mm	895mm	>10mm
	895mm	900mm	>10mm
	900mm	905mm	>10mm
	905mm	910mm	>10mm
	910mm	915mm	>10mm
	915mm	920mm	>10mm
	920mm	925mm	>10mm
	925mm	930mm	>10mm
	930mm	935mm	>10mm
	935mm	940mm	>10mm
	940mm	945mm	>10mm
	945mm	950mm	>10mm
	950mm	955mm	>10mm
	955mm	960mm	>10mm
	960mm	965mm	>10mm
	965mm	970mm	>10mm
	970mm	975mm	>10mm
	975mm	980mm	>10mm
	980mm	985mm	>10mm
	985mm	990mm	>10mm
	990mm	995mm	>10mm
	995mm	1000mm	>10mm

TAB 2. Mindestwerte der Biegerollendurchmesser $d_{br}$ für nach dem Schweißen gebogene Bewehrung bei einmaligem Biegen (DIN EN 1992-1-1NA, Tabelle NA.8.1b)			
	Vorwiegend ruhende Einwirkungen		Nicht vorwiegend ruhende Einwirkungen
	Schweißung außerhalb des Biegebereiches	Schweißung innerhalb des Biegebereiches	Schweißung auf der Außenseite der Biegung
für $a < 4 d_s$	20 ds	20 ds	100 ds
für $a \geq 4 d_s$	Wert nach Tabelle TAB 1	20 ds	500 ds



BAUSTOFFE	Beton Festigkeitsklasse						Betonstahl		Betondeckung Nominal $c_{\text{eff}}$ (mm)			Feuchtigkeitsklasse					
Bauteil	C 20/25	C 30/37	C 35/45	C 40/50	C 45/55	C 50/60	LP	WU	RSt 5005 (A)	RSt 5006 (A)	unten	oben	seitlich	WO	WF	WA	WI
Tragschale		X	X	X	X	X			X	X	25	25	25	X	.	.	.
Vorsatzschale		X	X	X	X	X			X	X	35	35	35	X	.	.	.

	Expositionsklasse	Bewehrungsanforderung												Betonanforderung			
		X0	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	chem. Angriff	Verschleiß	chem. Angriff	Verschleiß
Tragschale	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vorsatzschale	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

BEWEHRUNG		Biegemasse gehen von Außenkante zu Außenkante Stahl	
1	Betonstahl - Positionen	Mindestbiegerollendurchmesser $d_{br}$ nach DIN EN 1992-1-1NA, Tabelle NA.8.1DEa	
1	Betonstahlnuten - Positionen	Alle Maße und Schnittlängen sind vor der Ausführung zu prüfen !!	

OBERFLÄCHEN	Sichtbeton	Einflüsse	Feingefälle	Sonderstruktur	Alle Kerlen
10-217	1	7.44	1.30	0.43	2.49

Fertigteil - Position	Stück	Länge	Breite	Höhe	Volumen (m³)	Gewicht (t)
10-217	1	7.44	1.30	0.43	2.49	6.23

Datum	Index	Name	Änderung

					
KLEBL GmbH 92318 Neumarkt i. d. OPf., Gölzstraße 2 Tel. (0 91 81) 9 00-0		Martin Schütz GmbH Pilsenerstraße 45 91054 Erlangen Tel. (0 91 31) 917-20 www.plan-ez.de			
Datum	26.08.2021	Bauvorhaben/Bauteil			Auth. Nr.
Gez.	Langwld	Sand- und Baustoffwerke Neumarkt GmbH & Co.KG			
stat.Pos.	R-04	Neubau einer Ausstellungshalle, und Containerhalle mit Büro			819-19
Maßstab	1:25	Sandwichwand Pos. 10-217			Plan. Nr. / Index / Status
Planchen		FT_XX_10-217_-F			

