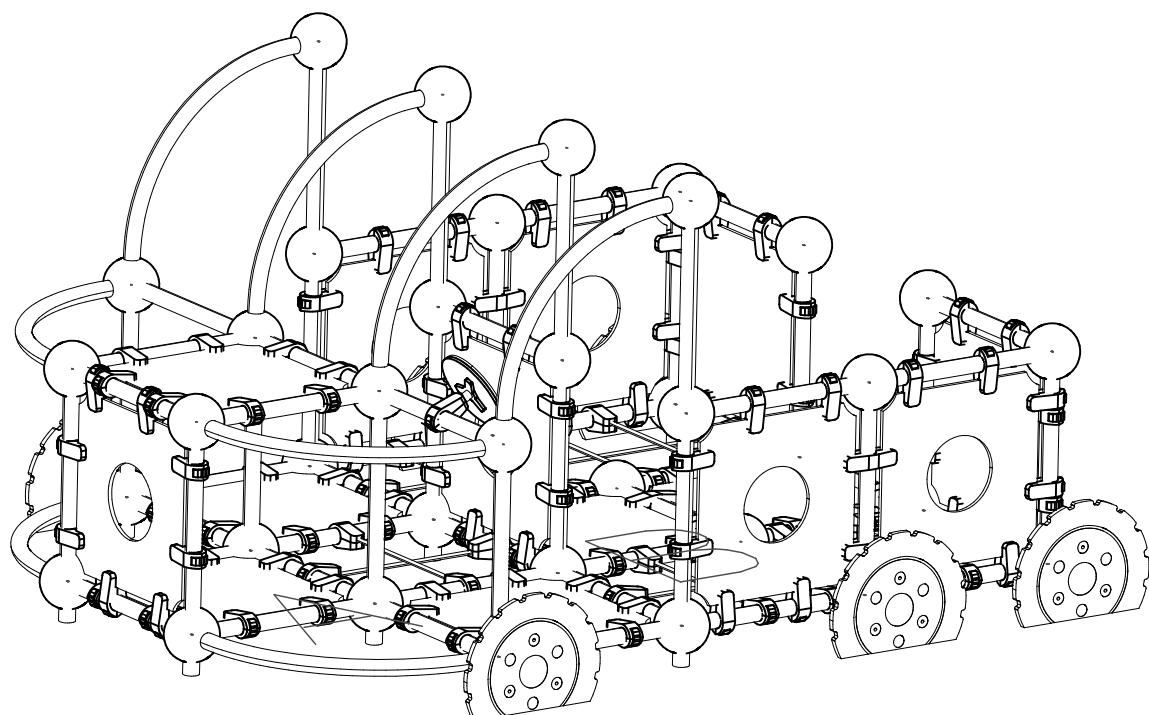


LAPPSET[®] **CLOXX**

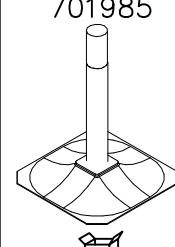
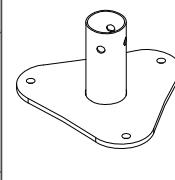
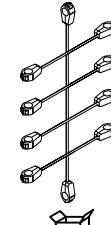
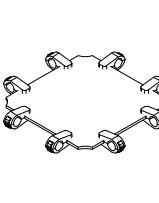
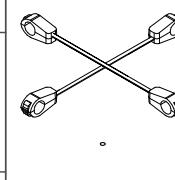
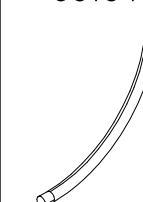
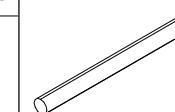
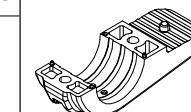
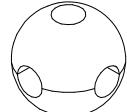
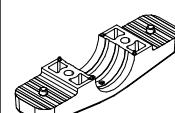
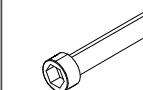
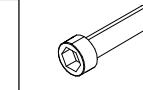
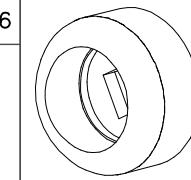
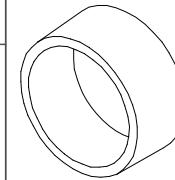
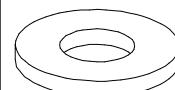
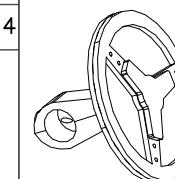
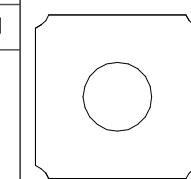
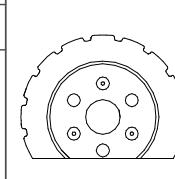
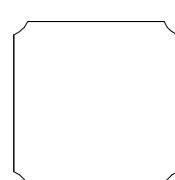
ASENNUSOHJE
MONTERINGSANSVISNING
INSTALLATION INSTRUCTION
AUFBAUANLEITUNG
NOTICE D'INSTALLATION

DATE: 23.6.2020

Q03459



DATE: 23.6.2020

701975	PCS 2	701985	PCS 18	702001	PCS 6	702010	PCS 2	702056	PCS 3	702153	PCS 1
											
900477	PCS 18	901941	PCS 8	901991	PCS 15	902022	PCS 28	902124	PCS 152	902134	PCS 38
											
M12x60				L 1493		L 710		150x50x50			
902157	PCS 72	902197	PCS 12	902232	PCS 88	902233	PCS 76	905090	PCS 36	905115	PCS 36
											
60x60x2		200x50x50		M10x60		M10x30		Ø45		Ø30	
909248	PCS 18	980154	PCS 36	980161	PCS 164	A00361	PCS 1	P01882	PCS 6	P01883	PCS 6
											
M12		Ø24/13		M10				668x668x15		570x430x20	
P01889	PCS 3										
											
668x668x15											
	PCS		PCS		PCS		PCS		PCS		PCS
	PCS		PCS		PCS		PCS		PCS		PCS
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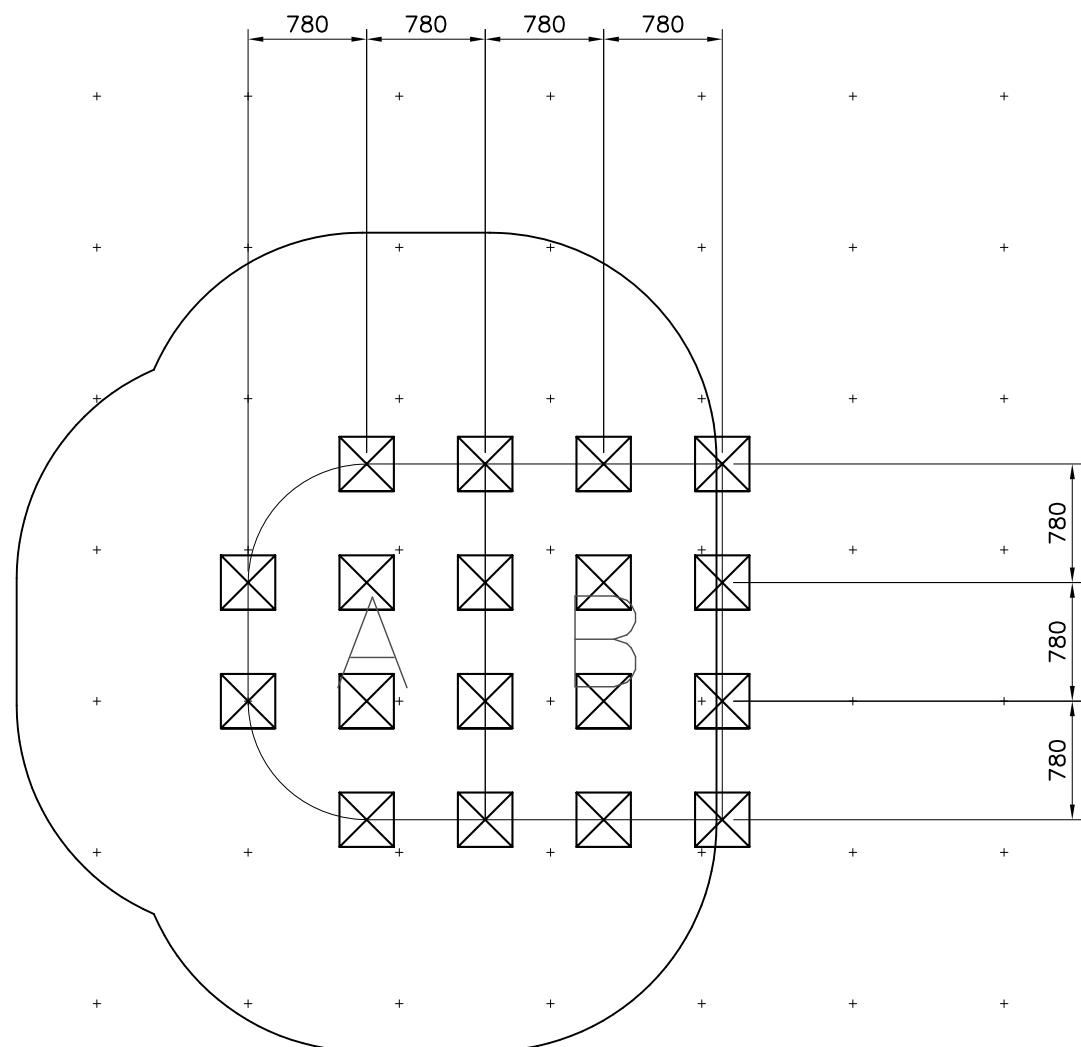
DATE: 23.6.2020

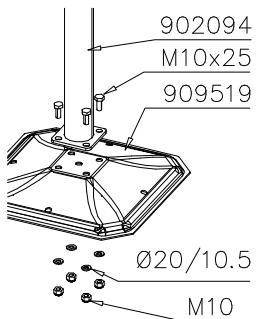
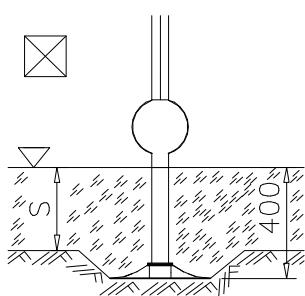
4

+EN/AS Impact Area 21 m²

Grid size = 1000 mm

0 1:50 2



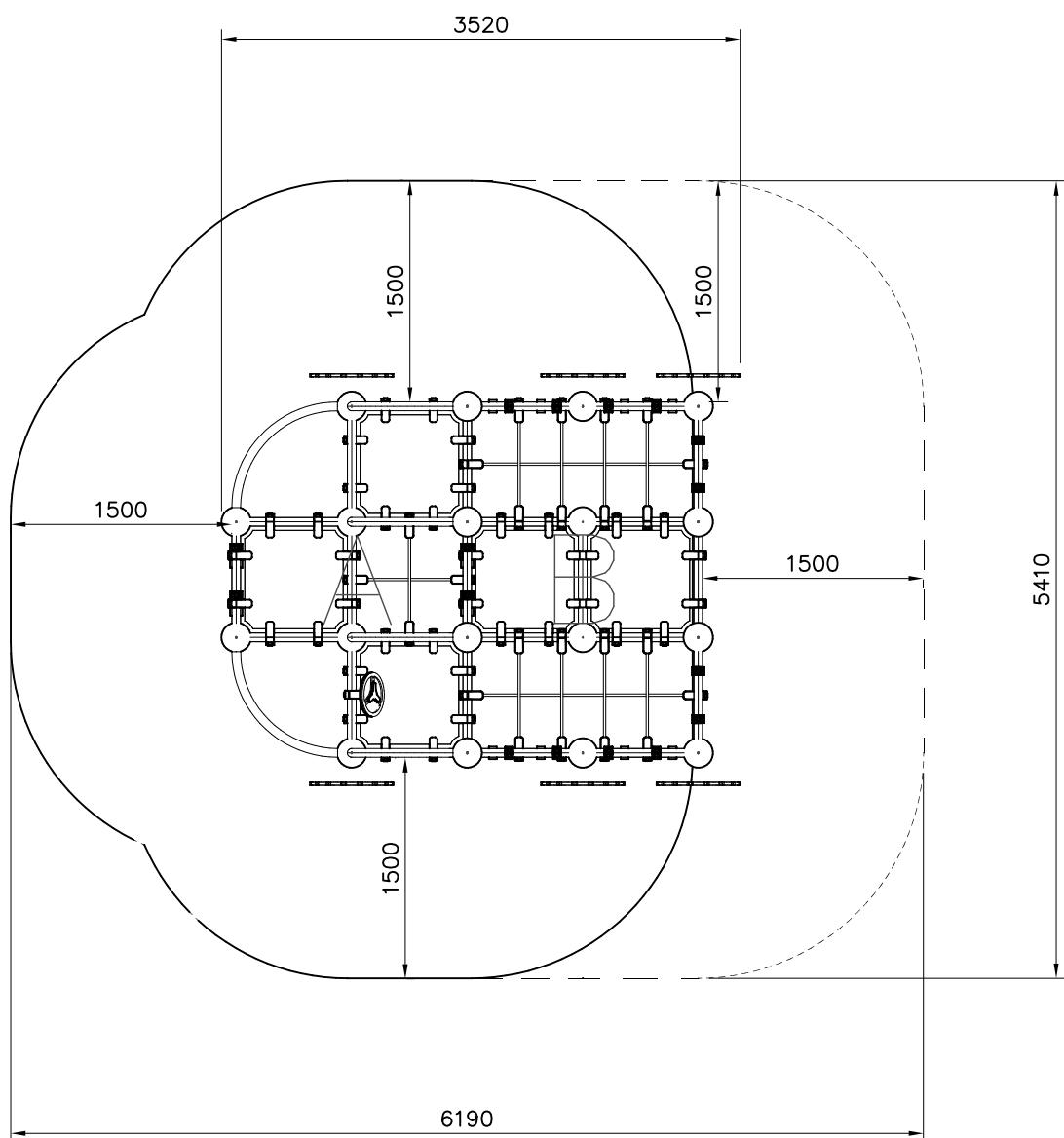


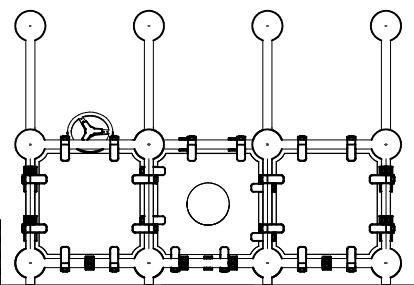
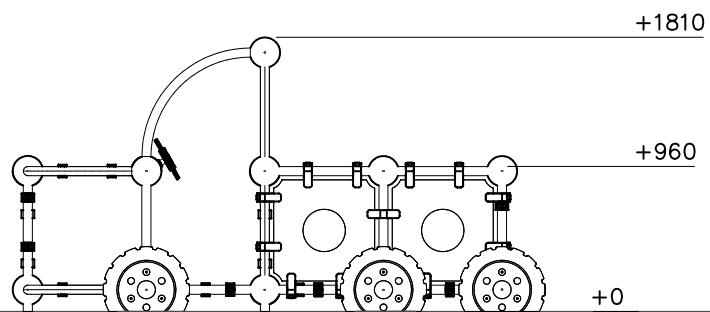
— EN/AS Impact Area 21 m²

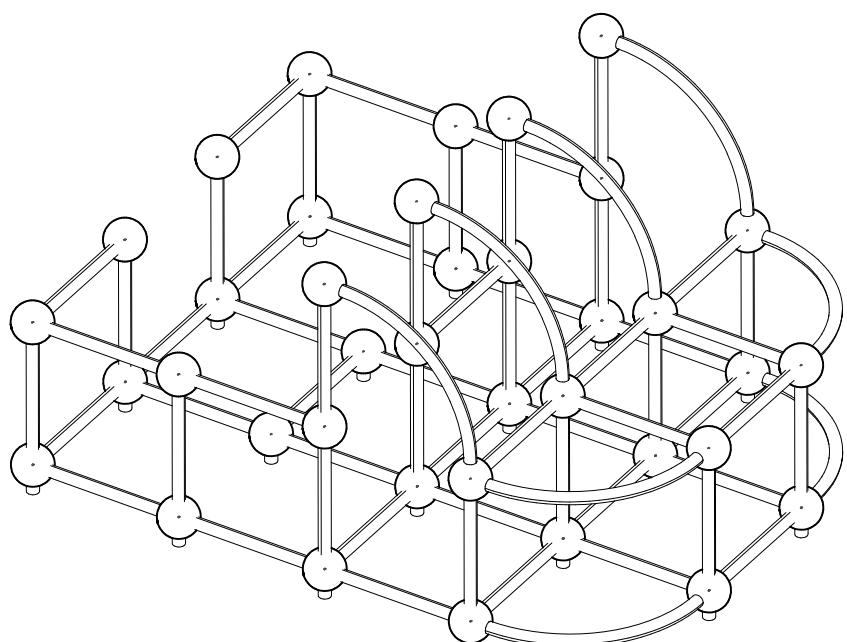
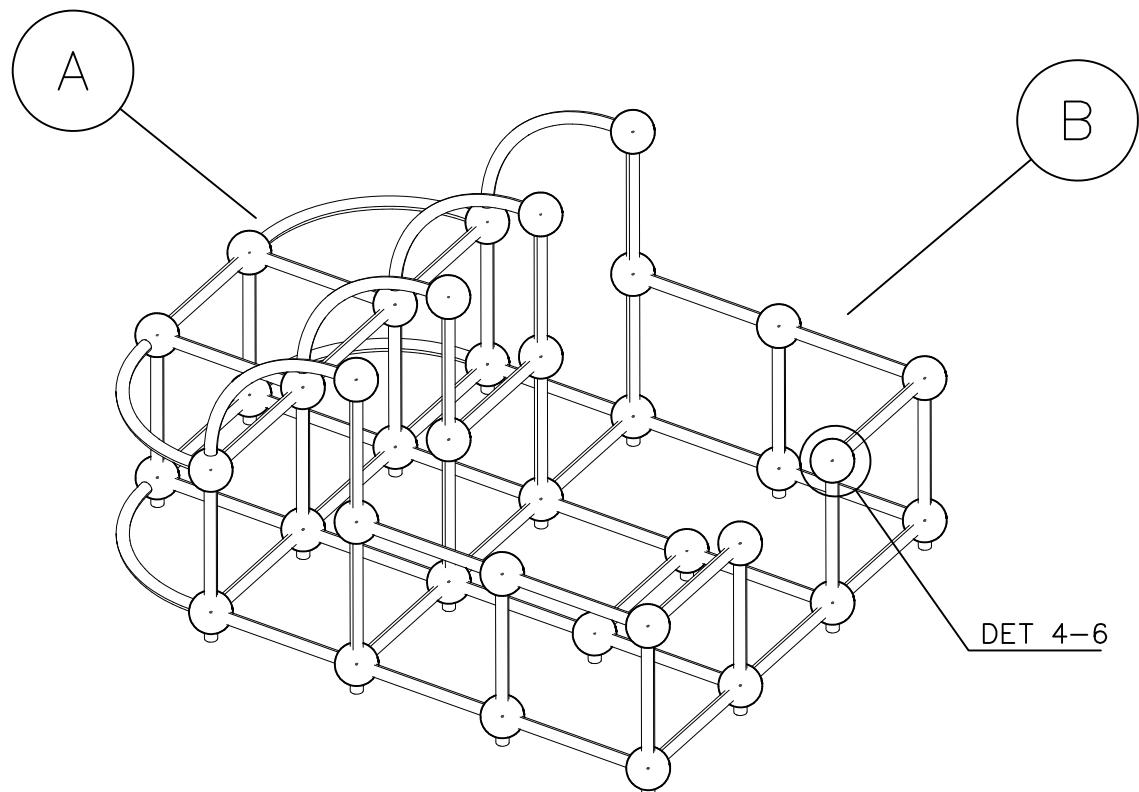
- - - Falling Space 29.5 m²

Max Falling Height 960 mm

1:50
0 2

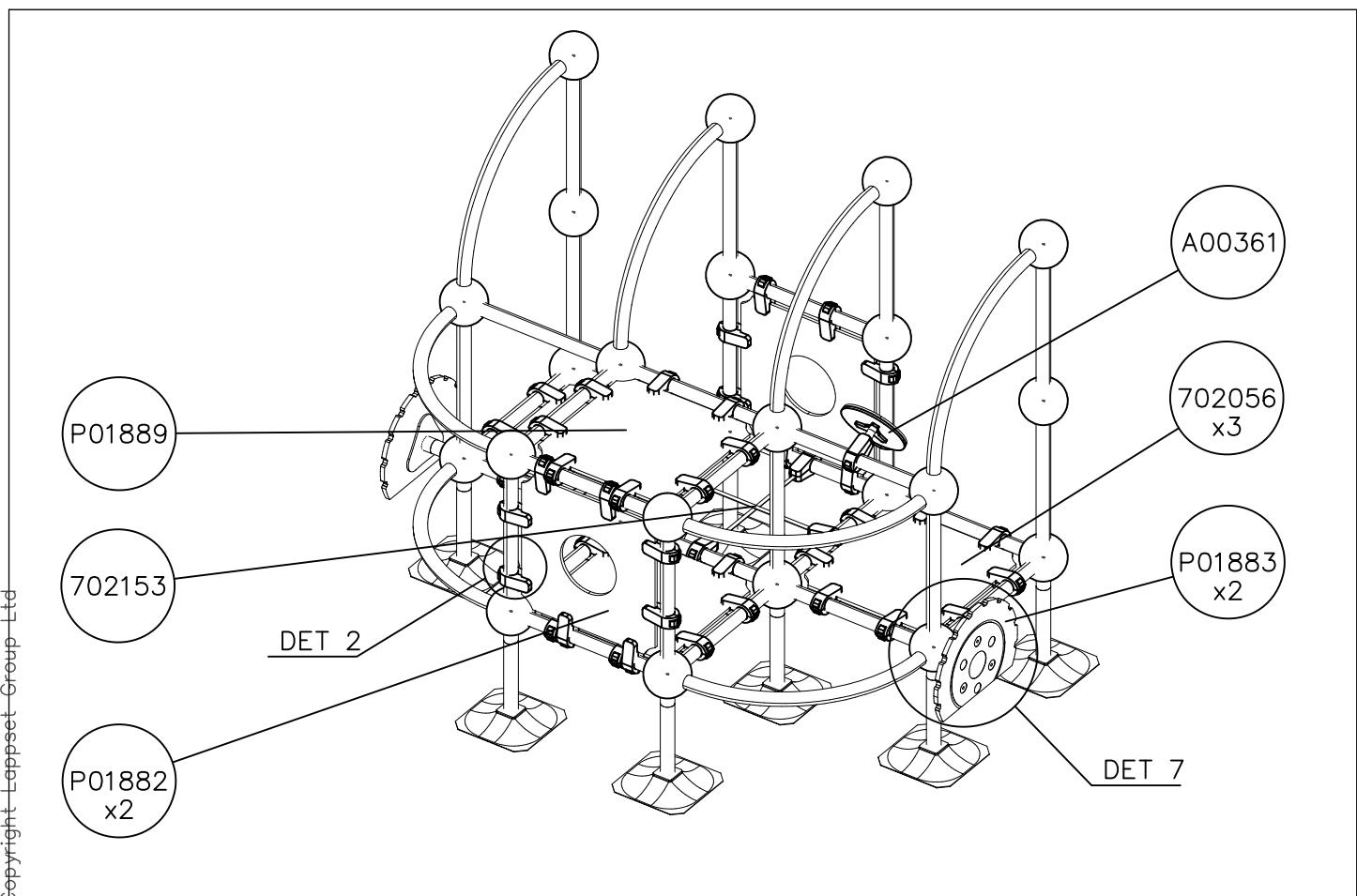
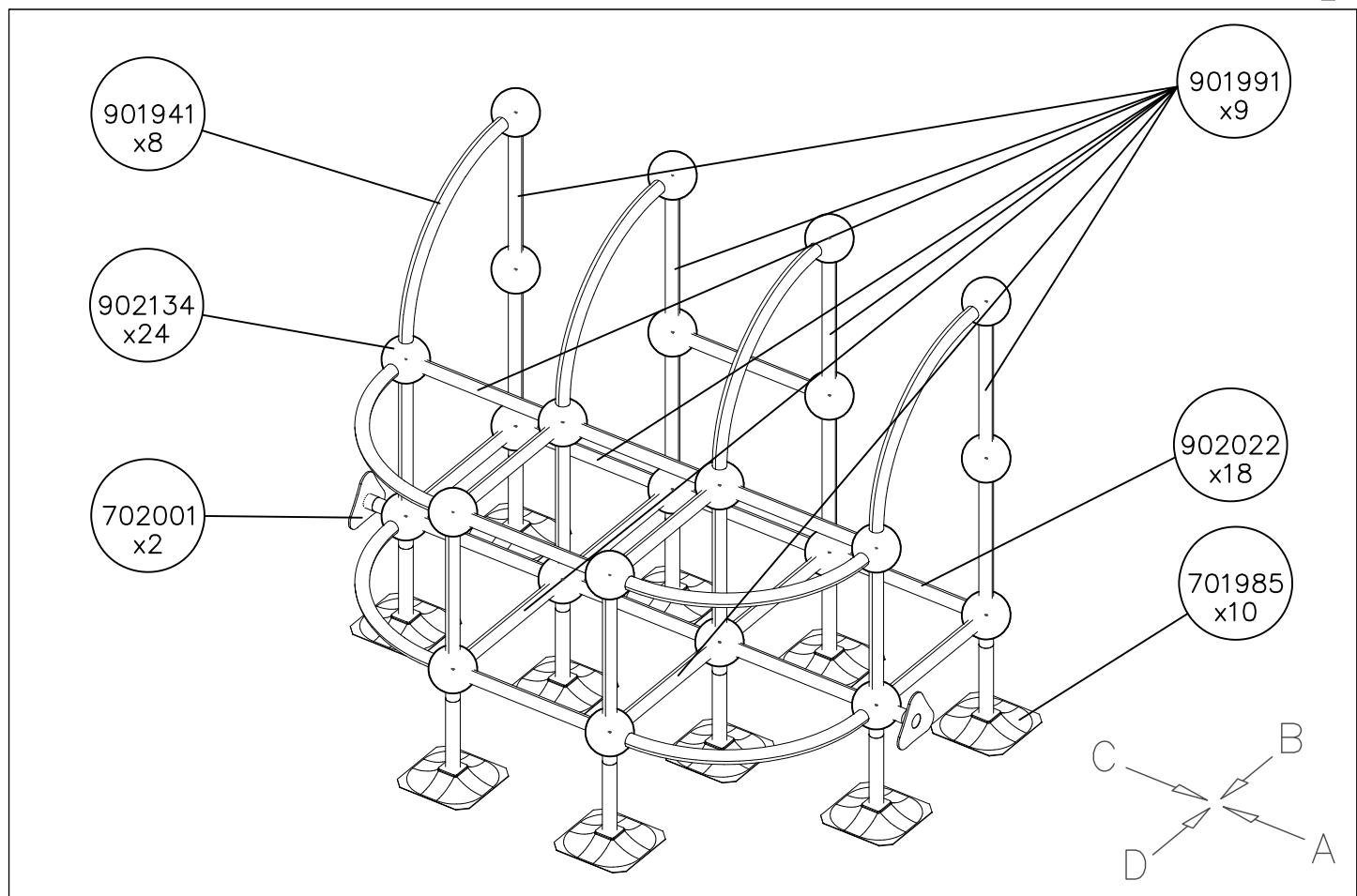


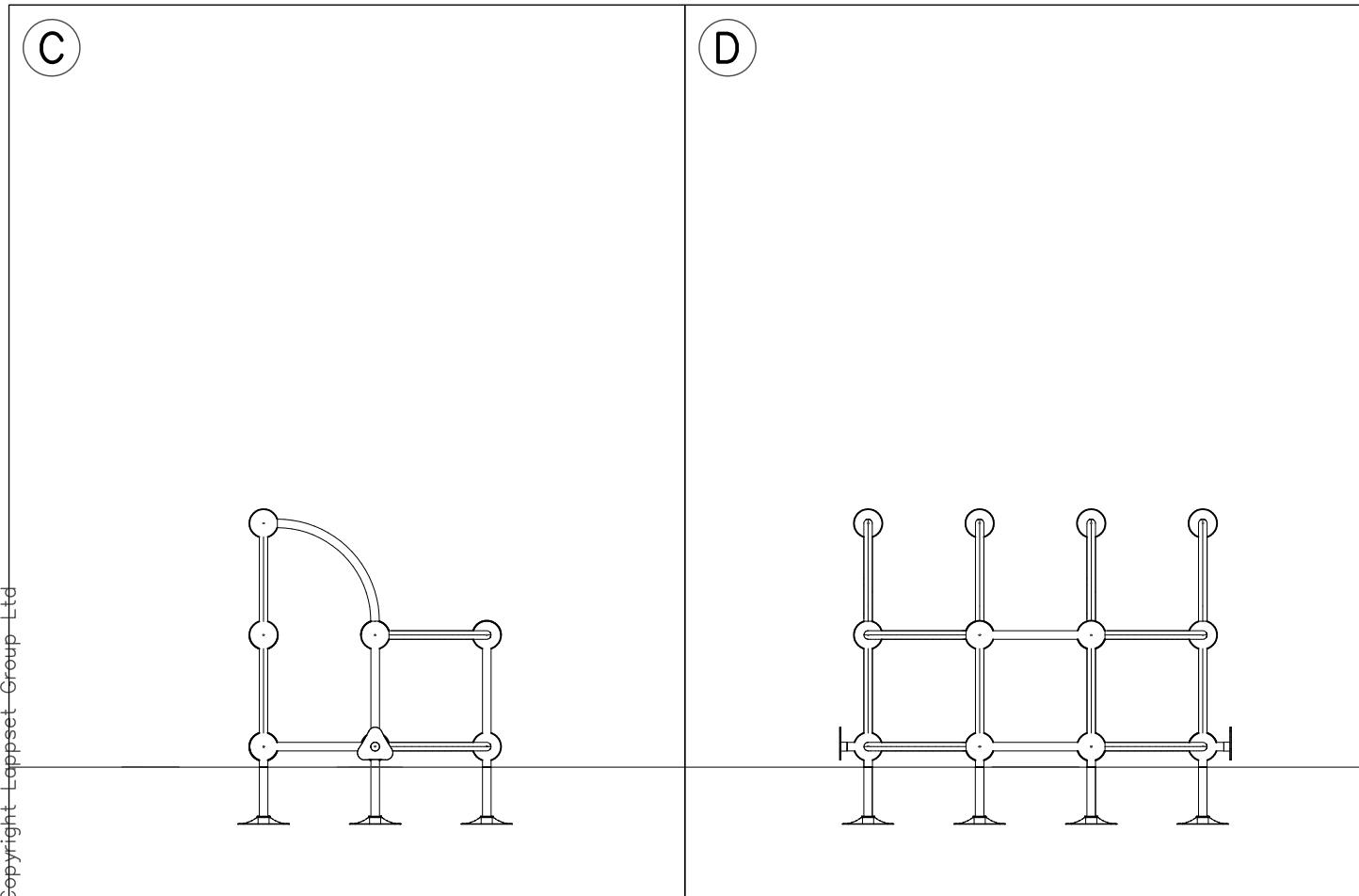
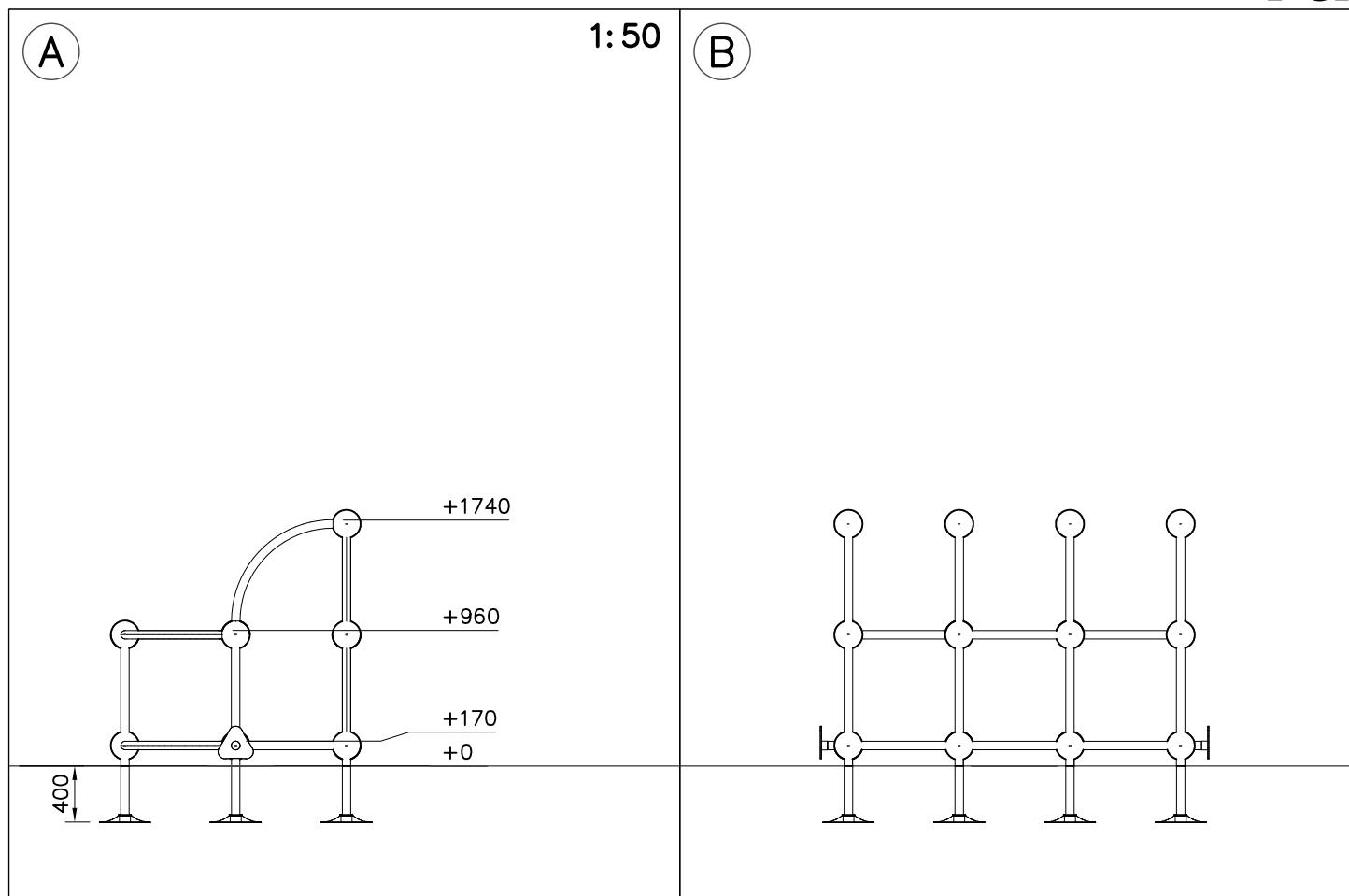


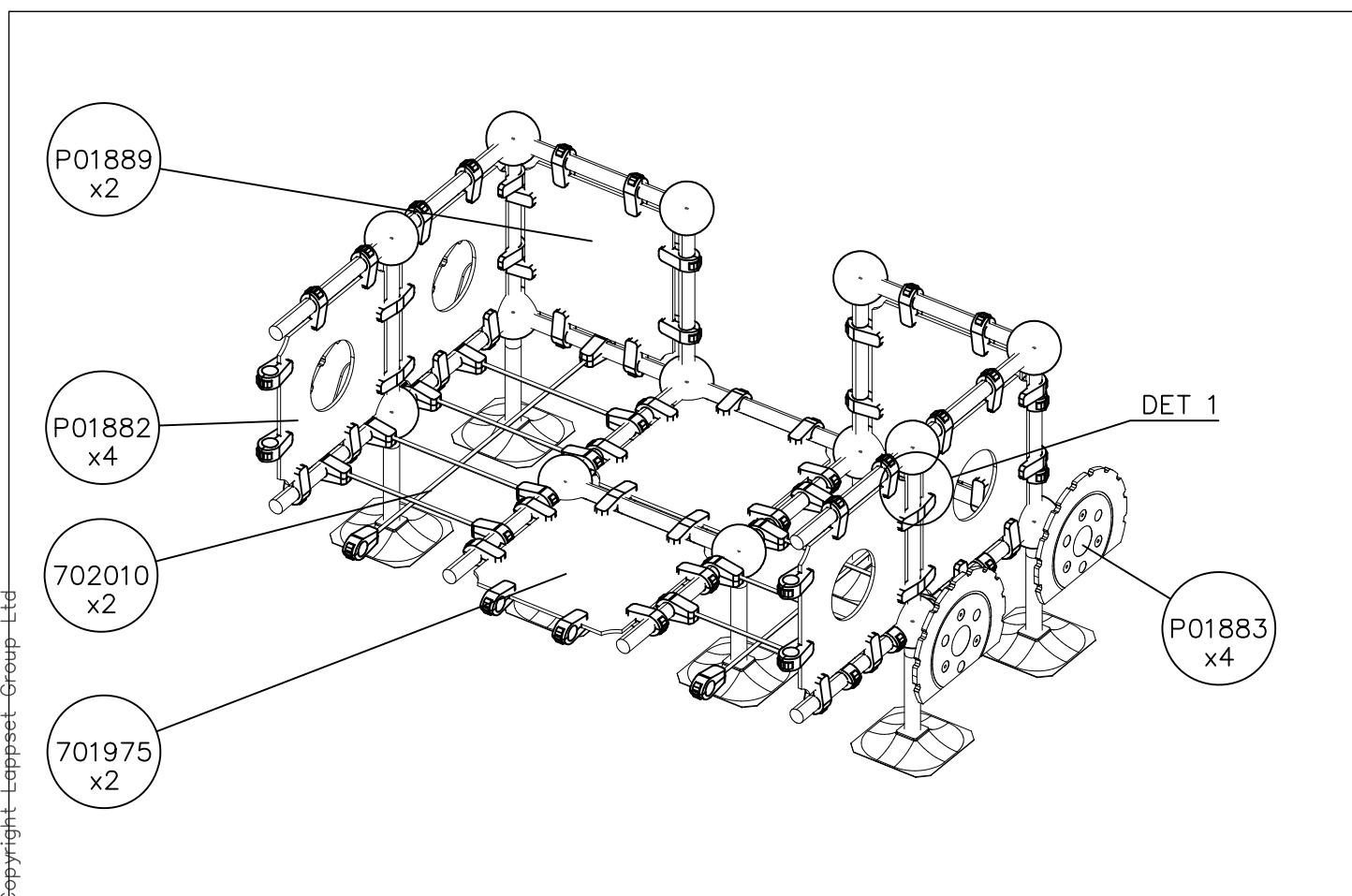
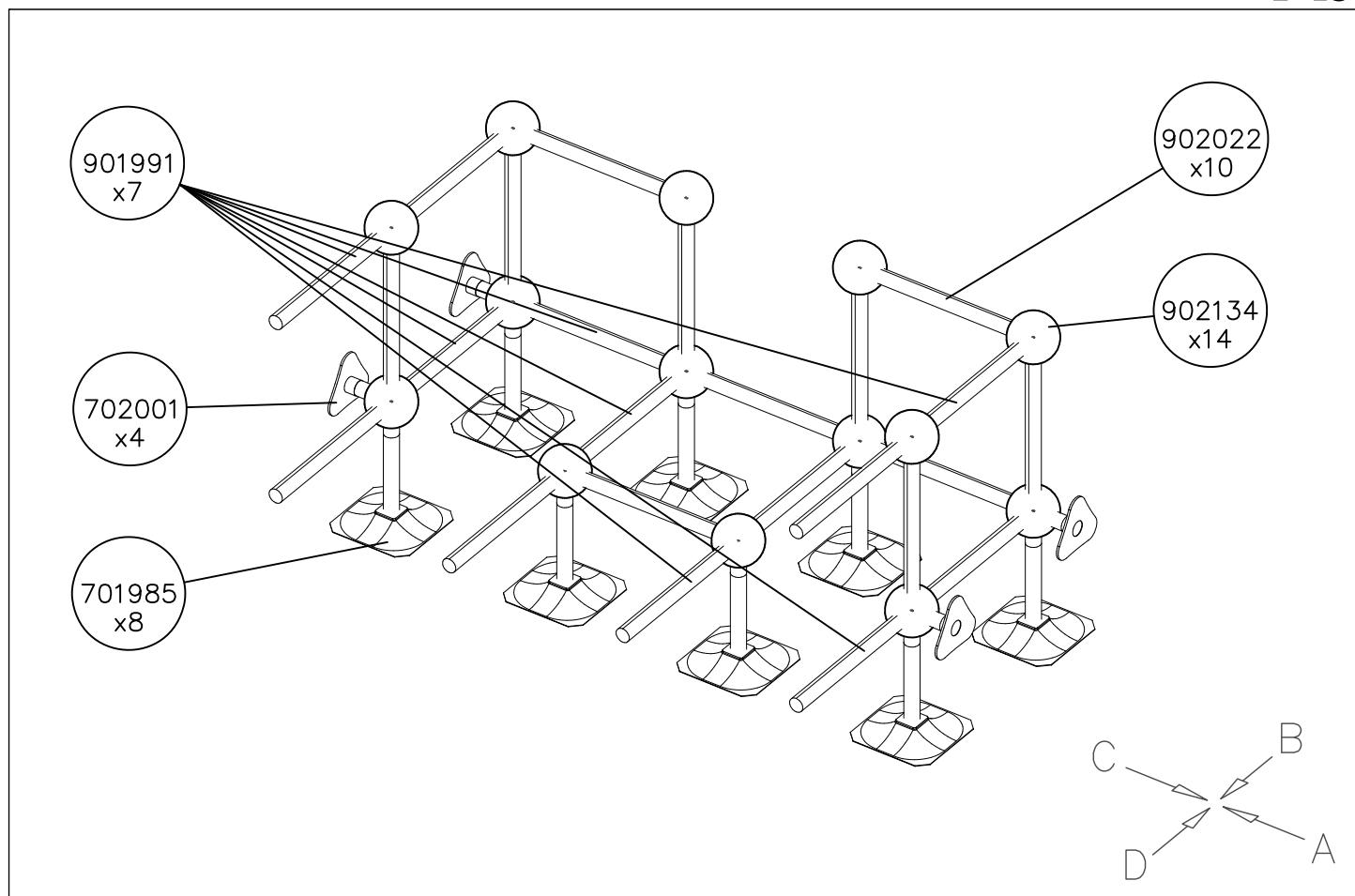


DET 1	DET 2	DET 3	DET 4
DET 5	DET 6	DET 7	
	<p>NOTE: Use a wire marked pairs of the same junction.</p> <p>Huom! Käytä langalla merkityä paria samassa liitoksesta.</p>		

DATE: 23.6.2020



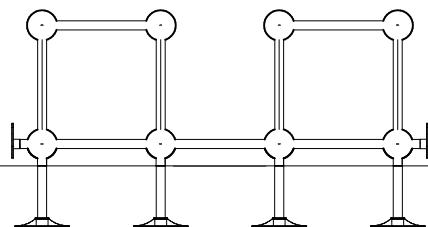
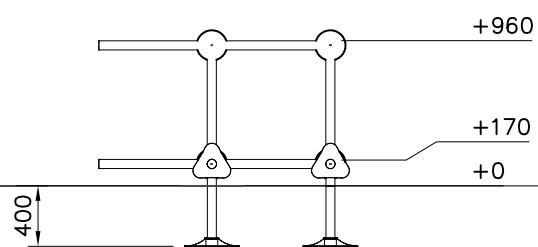




(A)

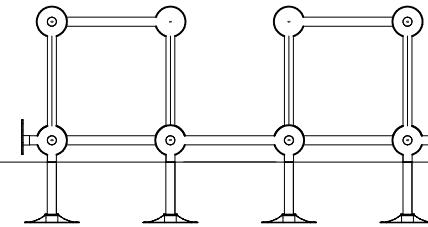
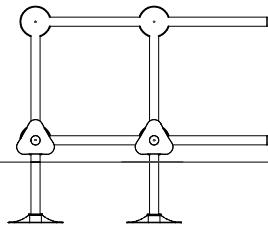
1:50

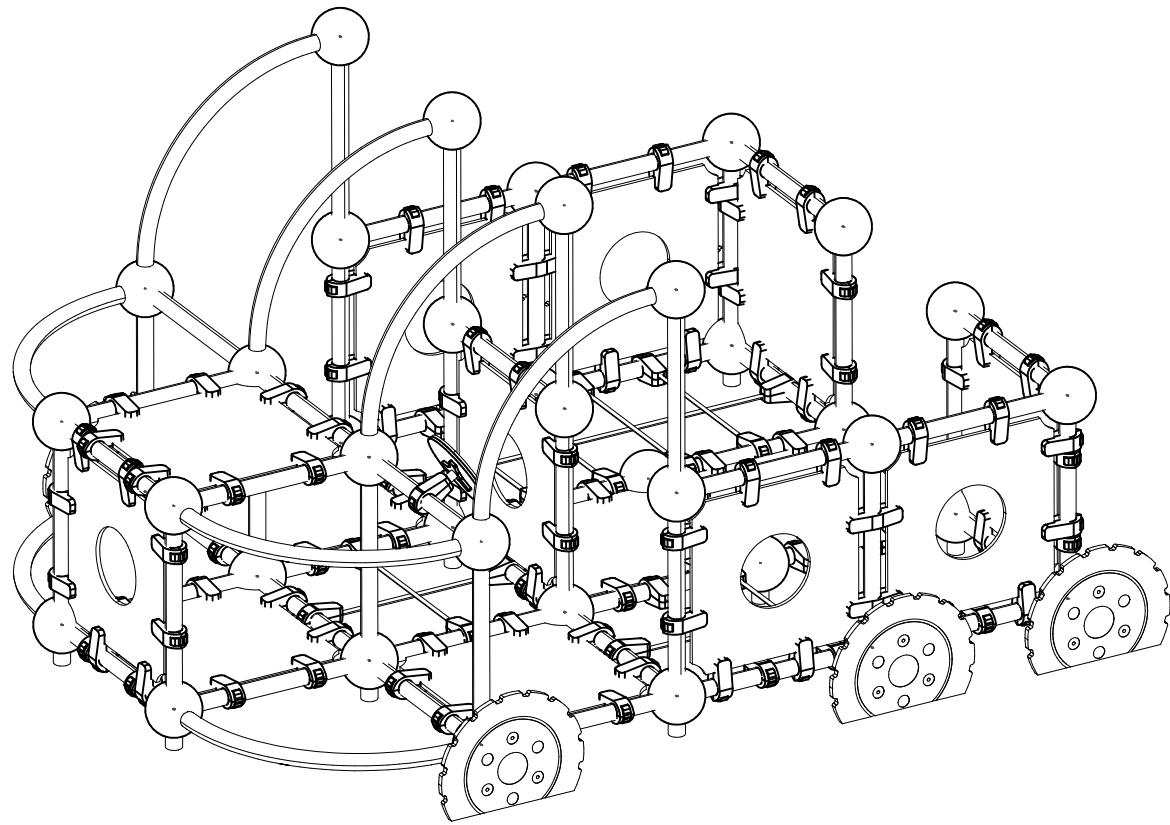
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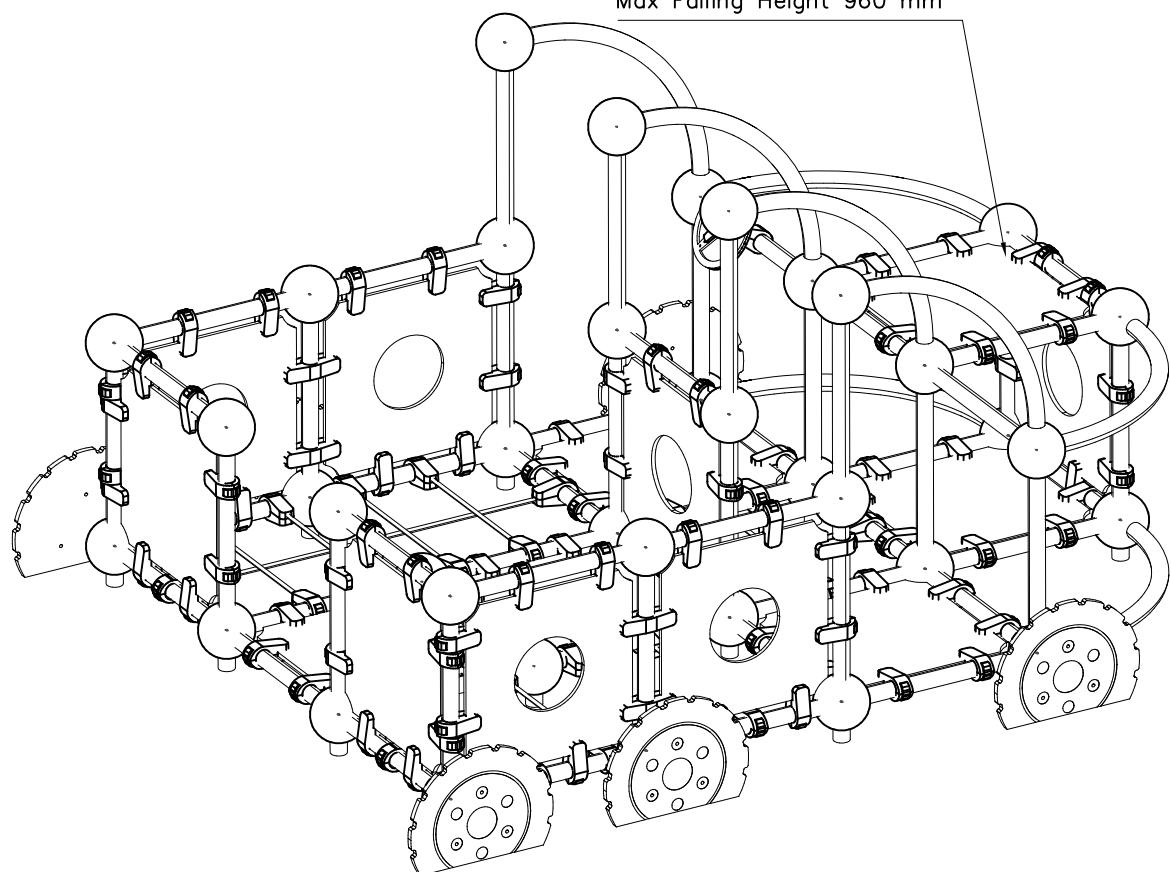
(C)

(D)





Max Falling Height 960 mm



1. Tarkista tuoteosaluettelon ja osiin merkityjen tuotenumeroiden avulla, että kaikki osat sisältyvät toimitukseen.
2. Valitse välineelle paikka ottaen huomioon valmistajan asennusohjeessa ilmoittamat turvaetäisyydet. Valitessasi välineen asennussuuntaa, huomioi mahdollinen altistuminen voimakkaalle auringonpaisteelle tai tuulelle. Tasoita alue ja tee ohjeen mukaiset perustustyöt. Varmista, että perustusosien alapuolin maa on **tiivistetty riittävästi**. Tarvittaessa pohjamaa tulee vaihtaa murskeeseen tai vastaavaan kantavaan maainekseen. Iskua vaimentavan pintamateriaalin vahvuus määräytyy laskentakaavan perusteella, joka esitetään perustusohjeen lisäsivulla.
3. Välineen rungon pystystysohje esitetään sivulla 6. Yksityiskohtaiset kuvat asennuksesta on koottu erillisille ohjesivuille, joissa ne on ryhmitelty kiinnitystavan mukaan. Runkoon kiinnitettävistä komponenteista on erilliset moduuliohjeet. Noudata valmistajan asennusohjeessa ilmoittamia mitoitukset.
4. Tarkasta, että väline on suorassa ja perustukseltaan tukeva. Syväperusteisissa välineissä on suoritettava **riittävä maan tiivistäminen** kaivantojen täytön yhteydessä.
5. Tee käyttöönottotarkastus ennen välineen käyttöönottoa toimitukseen sisältyvän pöytäkirjan mukaisesti. Pöytäkirja tulee dokumentoida. Muista, että pääsy välineeseen tulee estää, kunnes se on valmis, turvallinen ja kaikki asennustarvikkeet on viety pois.

1. Kontrollera stycklistan och delarna i förpackningen med hjälp av produktnumren.
2. När du väljer platsen för utrustningen bör du beakta de säkerhetsavstånd som tillverkaren meddelat i monteringsanvisningarna. När du väljer monteringsriktning måste du beakta eventuell exponering för solsken eller vind. Jämna ut underlaget och utför grundarbetet i enlighet med instruktionerna. Säkra att marken under fundamentet är tillräckligt komprimerad. Vid behov kan man ersätta jorden med krossad sten eller motsvarande bärande jordmaterial. Styrkan på det slagdämpande ytmaterialet bestäms med hjälp av beräkningsformeln som presenteras på fundamentinstruktionernas tilläggssida.
3. Monteringsanvisningarna till utrustningens stomme finns på sidan 6. Detaljerade bilder av installationen har samlats på separata instruktionssidor, där de har grupperats enligt monteringsmetod. Det finns specifika modulanvisningar till de komponenter som ska sättas fast i stommen. Följ de dimensioner som tillverkaren gett i monteringsanvisningarna.
4. Kontrollera att utrustningen står rakt och stabilt. För utrustningar med djupt fundament måste man komprimera jorden ordentligt när man fyller igen groparna.
5. Innan utrustningen tas i bruk ska en slutbesiktning i enlighet med protokollet i leveransen utföras. Protokollet måste dokumenteras. Kom ihåg att tillträde till utrustningen måste förhindras tills den är färdig monterad, säker och alla monteringstillbehör avlägsnats.

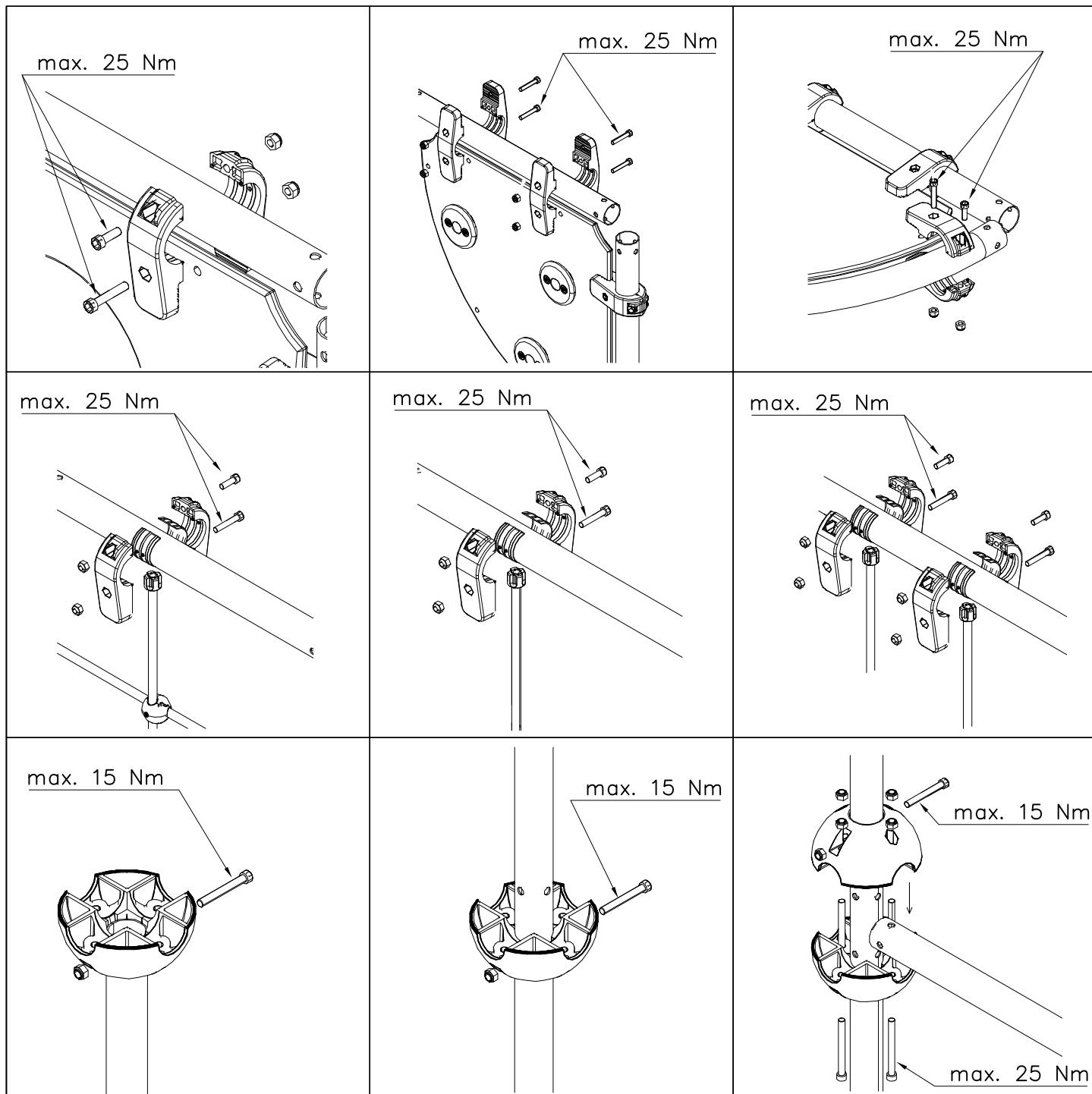
1. Use the parts list and the markings on the components to make sure that you have all of the necessary parts.
2. Choose a location for the product, taking into account the safety margins specified in the mounting instructions. When deciding on the orientation of the product, pay attention to potential sun and wind loads. Level the ground and prepare the foundations as instructed. Make sure that the ground underneath the foundations is solidly packed. If necessary, replace soil with wood chips or some other sturdy material. The thickness of the safety surfacing should be calculated using the formula supplied with the mounting instructions.
3. Assemble the frame of the product in accordance with the instructions on page 6. Detailed instructions for the different mounting alternatives are shown in the supplement. Separate instructions are provided for the modular components that will be attached to the frame. Please follow the stated measurements carefully.
4. Make sure that the product is mounted straight and firmly into the ground. Remember to pack the soil carefully when refilling the excavation around deep-mounted structures.
5. Inspect the installation thoroughly using the checklist provided. Document the completed checklist carefully. Remember to stop children from using the product until it has been fully built and safety-tested and all mounting equipment has been cleared away.

1. Überprüfen Sie die Lieferung auf Vollständigkeit, indem Sie das Teileverzeichnis mit der Lieferung abgleichen.
2. Wählen Sie einen Standort für das Gerät und berücksichtigen Sie die vom Hersteller in der Installationsanleitung genannten Sicherheitsabstände. Bei der Ausrichtung des Gerätes beachten Sie den möglichen Einfluss von starker Sonneneinstrahlung oder Wind. Ebnen Sie den Bereich und führen Sie die Fundamentarbeiten nach der Anleitung durch. Stellen Sie sicher, dass der Boden unter den Fundamentteilen ausreichend verdichtet ist. Wenn nötig, muss das Untergrundmaterial durch Split oder ein anderes tragfähiges Material ausgetauscht werden. Die Stärke des stoßdämpfenden Oberflächenmaterials wird auf Grundlage einer Formel berechnet, die im Anhang der Anleitung für die Fundamente dargestellt ist.
3. Die Aufbauanleitung für den Rahmen des Gerätes finden Sie auf Seite 6. Detaillierte Bilder der Installation sind auf gesonderten Anleitungsseiten zusammengestellt, auf denen sie nach ihrer Befestigungsweise geordnet sind. Für die am Geräterahmen befestigten Komponenten gibt es besondere Modulanleitungen. Halten Sie die in der Installationsanleitung vom Hersteller genannten Maße ein.
4. Überprüfen Sie, dass das Gerät in Waage steht und sicher am Boden verankert ist. Bei Geräten mit Tiefenfundamenten muss der Boden beim Auffüllen des Aushubs ausreichend verdichtet oder betoniert werden.
5. Führen Sie eine Inbetriebnahmeüberprüfung entsprechend des im Lieferumfang enthaltenen Protokolls durch, bevor das Gerät benutzt wird. Das Protokoll muss aktenkundig dokumentiert werden. Denken Sie daran, dass der Zugang zum Gerät verhindert werden muss, bis es fertig und sicher ist und alle Installationswerkzeuge entfernt sind.

1. Vérifier à l'aide de la liste des pièces et des numéros de produit marqués sur les pièces que la livraison comprend toutes les pièces nécessaires.
2. Choisir un bon emplacement pour l'équipement, compte tenu des distances de sécurité indiquées par le fabricant dans les instructions de montage. Tenir compte de l'exposition éventuelle aux forts rayons de soleil ou au vent lors du choix du sens de montage de l'équipement. Egaliser la surface de l'emplacement choisi et effectuer les travaux de fondation conformément aux instructions. S'assurer que le sol sous les pièces de fondation a été suffisamment compacté. Si besoin est, le sol de fondation doit être remplacé par des pierres concassées ou un matériau portant similaire. L'épaisseur du matériau de surface anti-choc est calculée selon la formule indiquée à la page supplémentaire des instructions de fondation.
3. Les instructions d'érection de l'ossature de l'équipement sont indiquées à la page 6. Les images détaillées du montage sont adjointes aux pages d'instruction séparées où elles sont groupées selon le mode de fixation. Des instructions modulaires séparées sont données pour les composants à fixer sur l'ossature. Respecter les mesures données par le fabricant dans les instructions de montage.
4. Vérifier que l'équipement est droit et que sa fondation est solide. Dans le cas des équipements dont la fondation se trouve sous le sol, le sol doit être suffisamment compacté lors du remplissage des trous.
5. Effectuer un contrôle de mise en service conforme au procès-verbal compris dans la livraison avant la mise en service de l'équipement. Ce procès-verbal doit être documenté. Ne pas oublier d'empêcher l'accès à l'équipement jusqu'à ce que celui-ci soit prêt et sûr et que tous les outils de montage aient été enlevés.

DATE: 3.10.2012

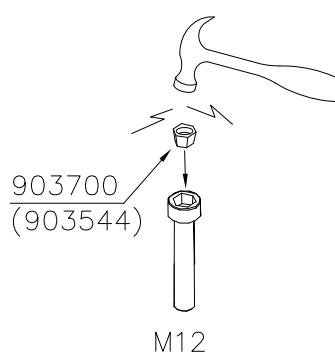
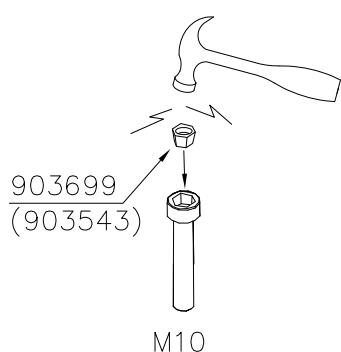
1(1)

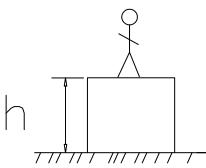
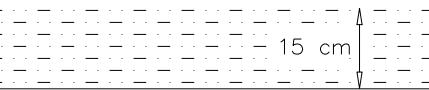
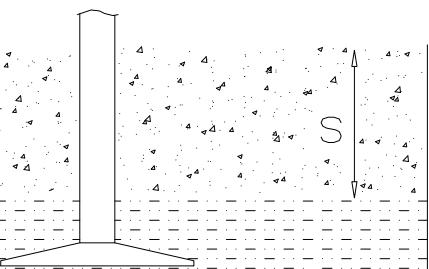
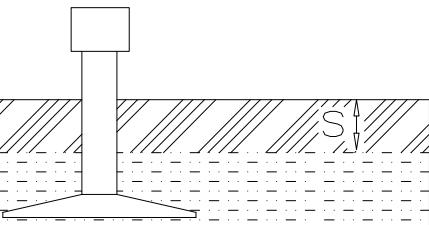


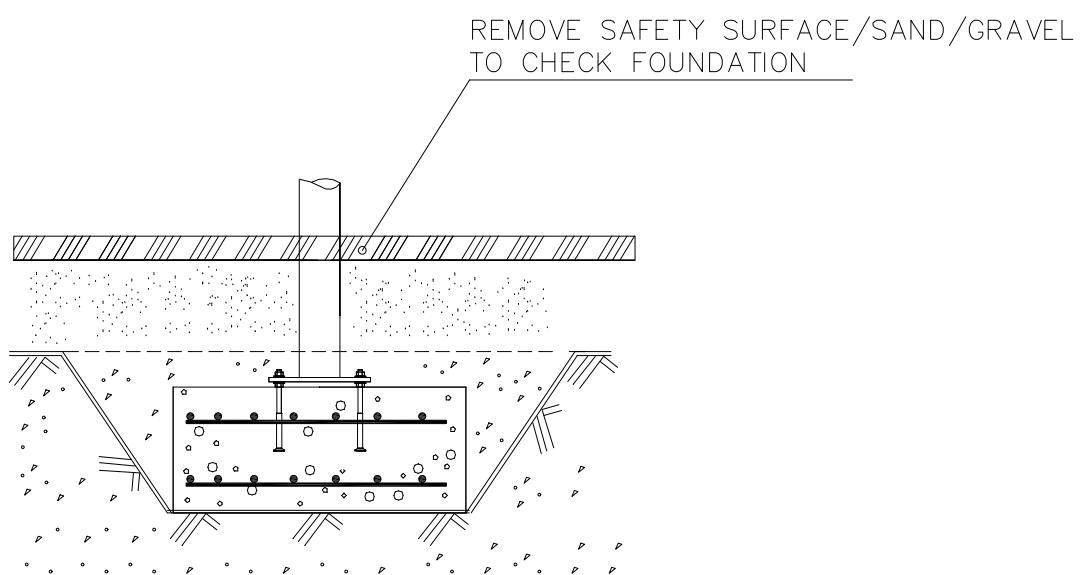
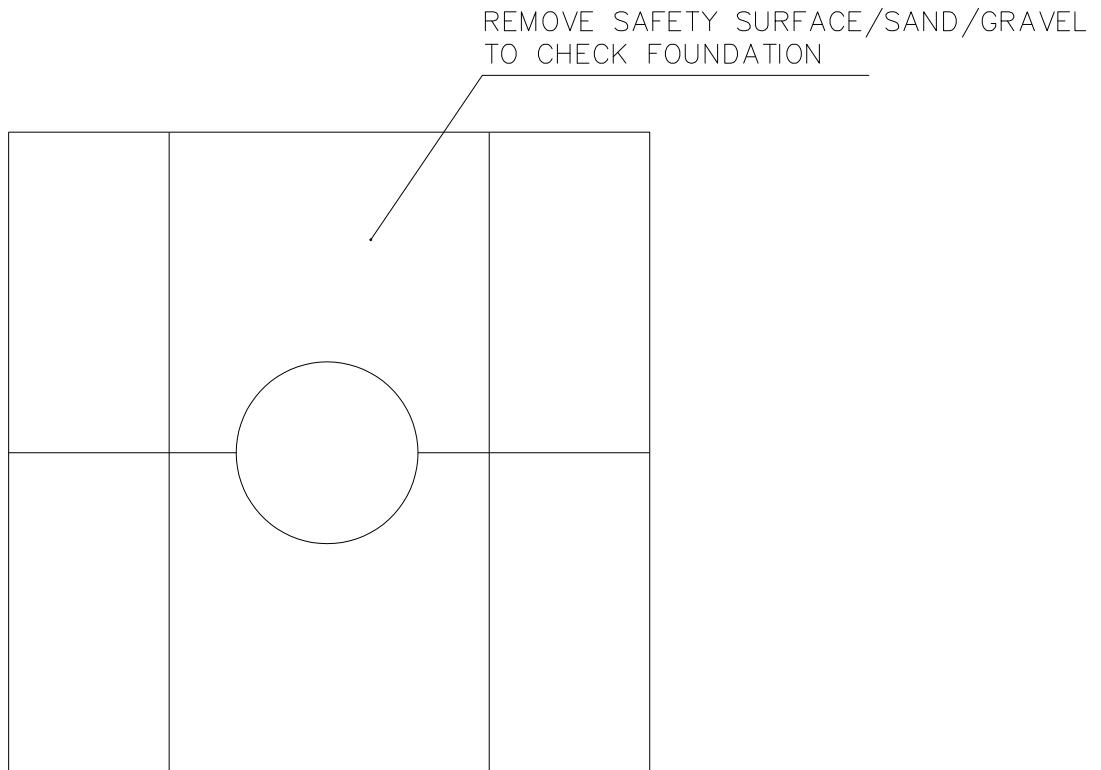
Security plugs
are included
only for
selected
products.

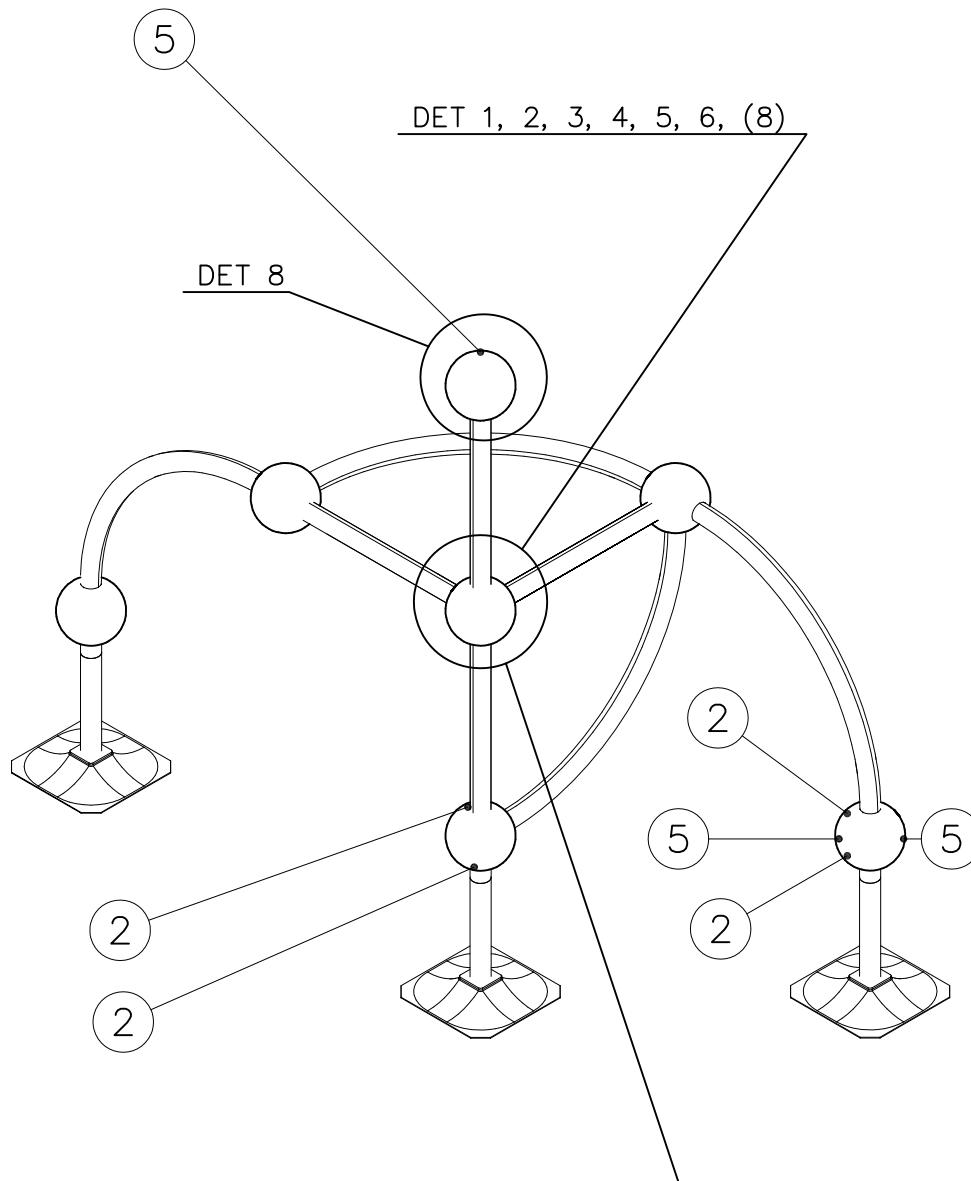
Hox!
Pultit on kiristettävä lopulliseen kireyteen,
ennen turvapinnien asennusta.

Note!
Tighten bolts properly,
before installing security plugs.



	
$h < 600$ Without movement and therefore without Impact Area	Totally hard surfaces. Note. Lappset does <u>not recommend</u> totally hard surfaces at all. E.g. concrete or asphalt 
$h < 600$ With movement e.g. rocking	Materials with very limited impact attenuating properties. E.g. wood 
$h < 1000$	Materials with significant impact attenuating properties. fine gravel 0–8 mm  grass  unsorted sand 
$h < 3000$	Loose fill material E.g. sand/gravel 0,25...8 mm D60/D10<3,0 Woodchips 5...30 mm bark 20...80 mm  \underline{S} 30 cm \underline{h} 40 cm < 2,0 m \underline{S} 40 cm < 3,0 m
Syntethic granulates \underline{S} \underline{h} 40 mm ~> 1,2...1,3 m 50 mm ~> 1,5...1,7 m 60 mm ~> 1,8...2,0 m 70 mm ~> 2,1...2,5 m	 Note. For accurate values, see manufacturer's instructions.

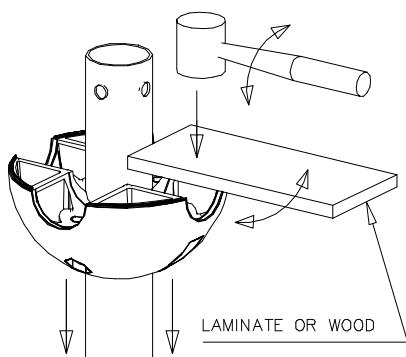




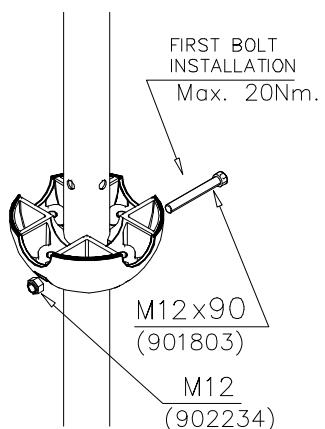
DO NOT TIGHTEN THE
JOINTS UNTIL THE
STRUCTURE IS COMPLETE.

(1) 901803	PCS 2	(2) 901994	PCS 2
M12x90		Ø190	
(3) 902096	PCS 4	(4) 902234	PCS 6
M12x120		M12	
	PCS		PCS

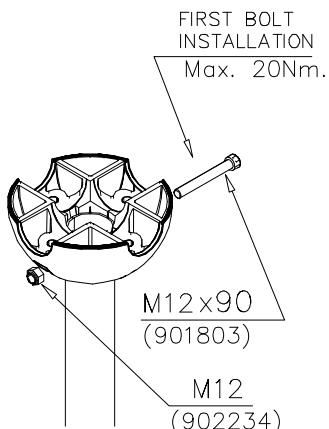
DET 1



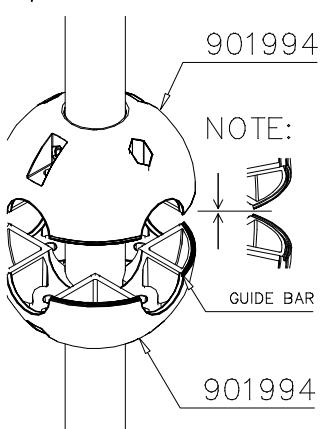
DET 2



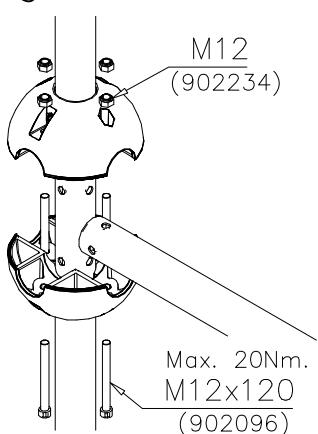
DET 3



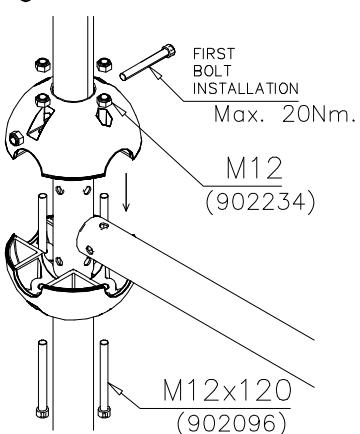
DET 4



DET 5



DET 6



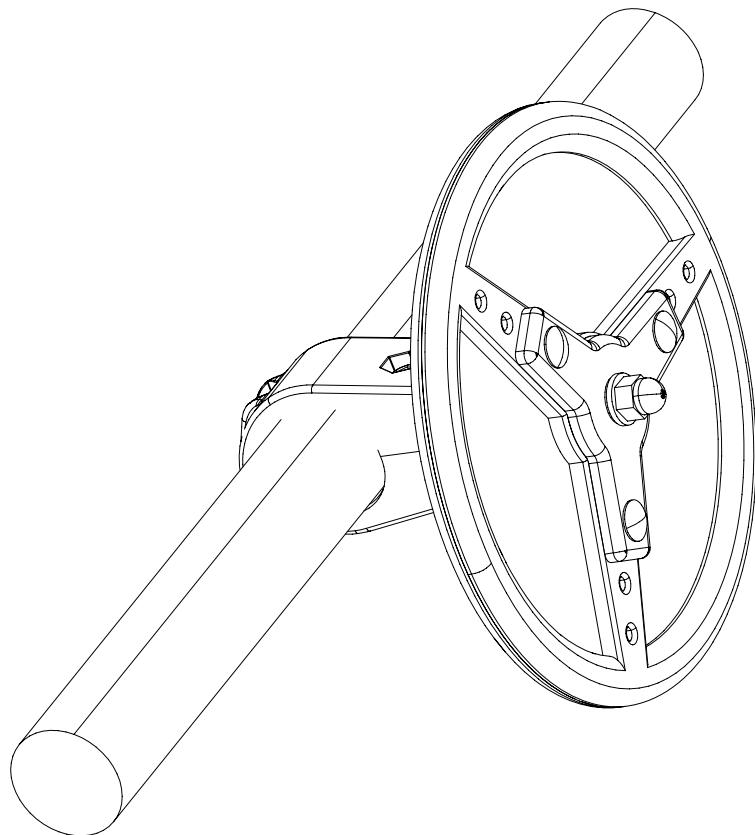
**REMEMBER
FINAL
TIGHTENING**

DET 7



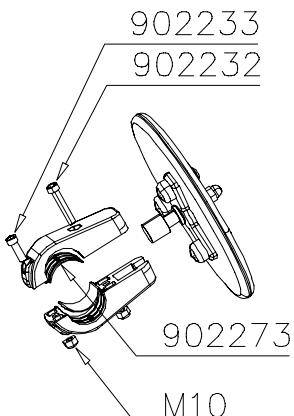
DET 8





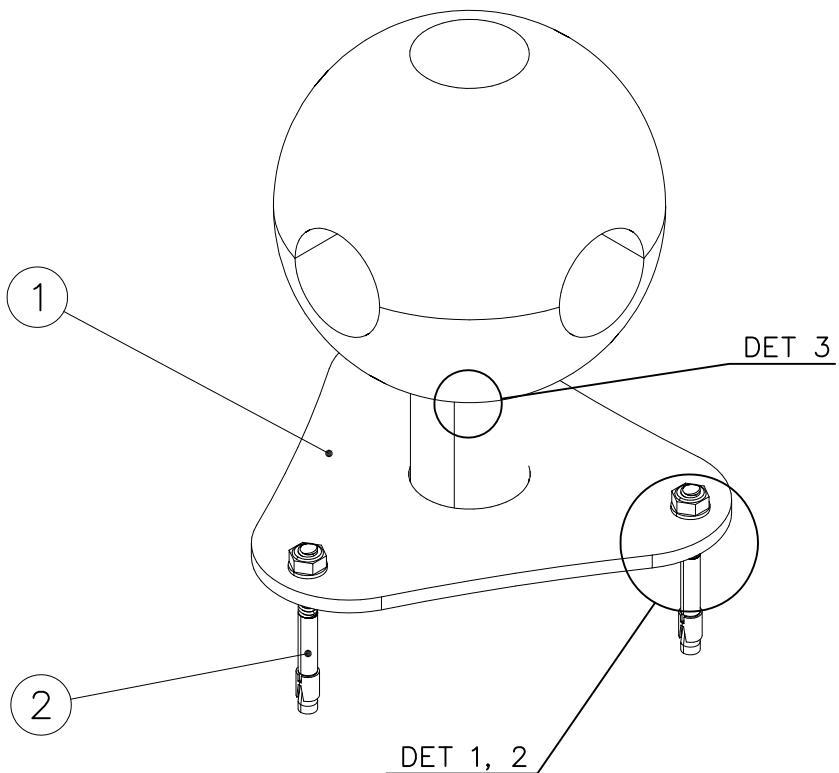
(1) 902195	PCS 2	(2) 902232	PCS 1
		M10x55	
(3) 902233	PCS 1	(4) 902273	PCS 2
		M10x30	
(5) 980161	PCS 2	(6) P01887	PCS 1
		M10	
	PCS		PCS

DET 1

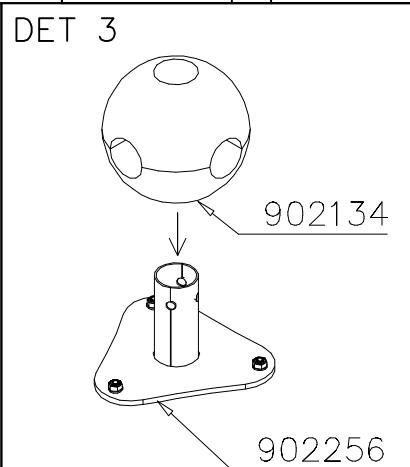
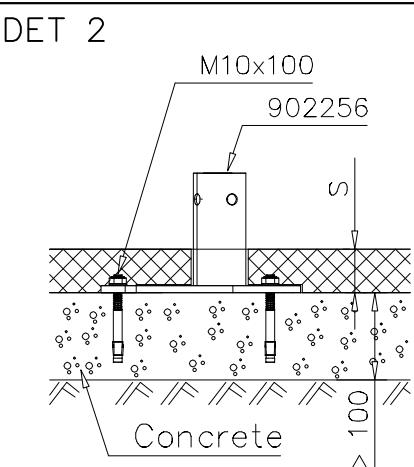
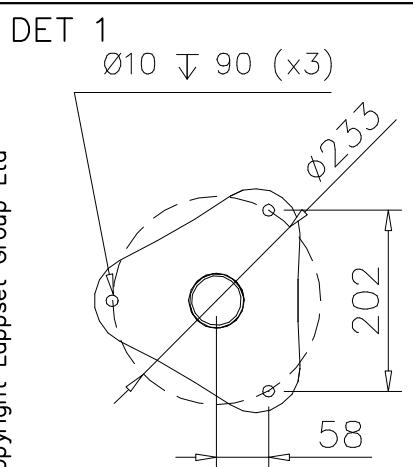
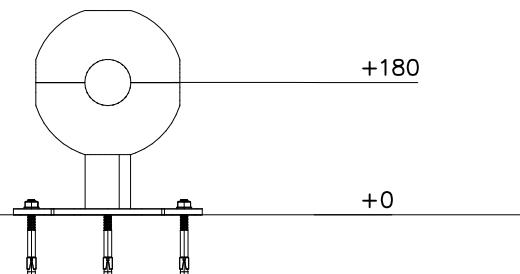


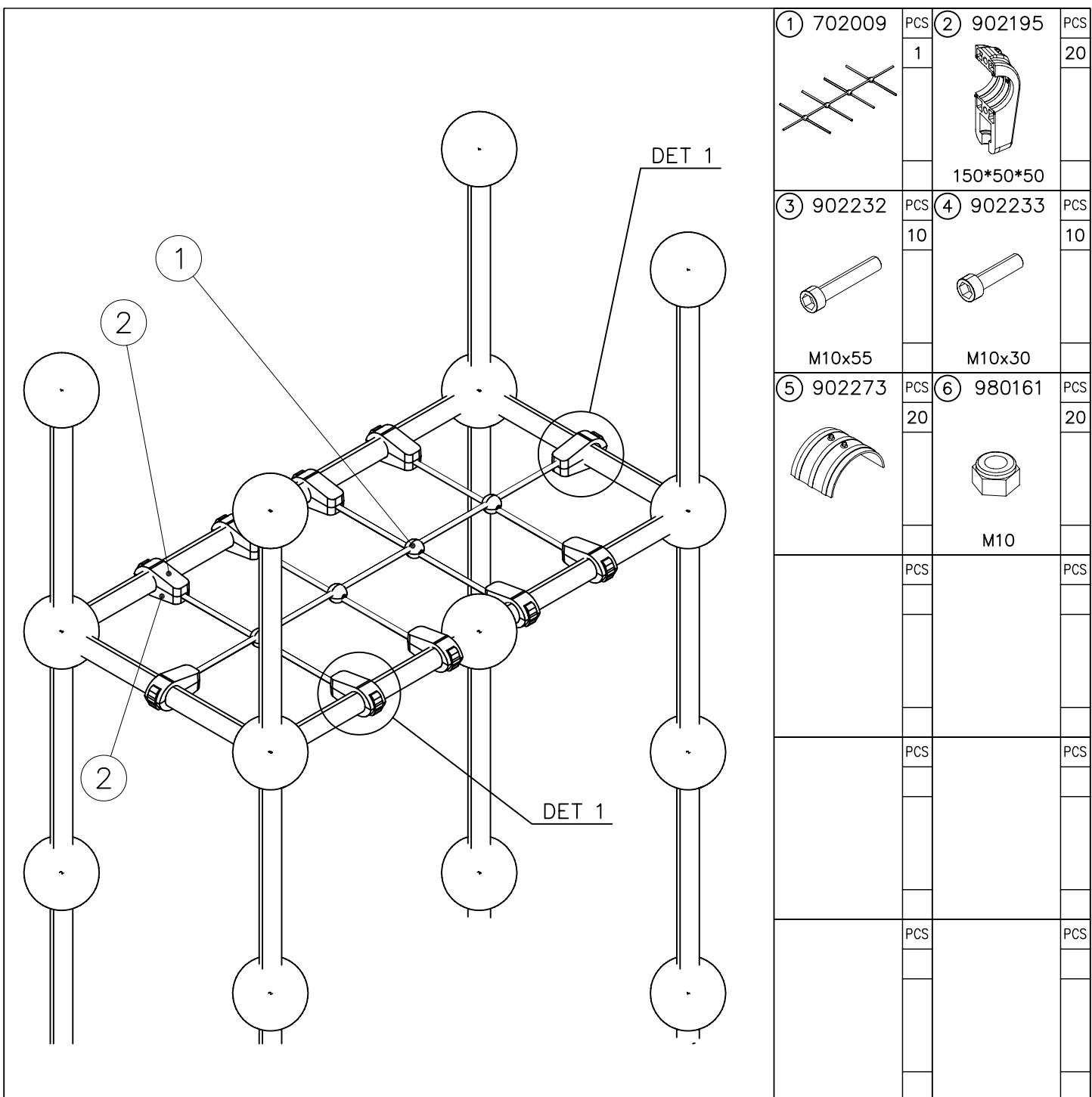
	①	902094	PCS	②	909519	PCS
	1			1		

DET 1		DET 2	
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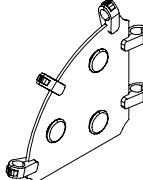
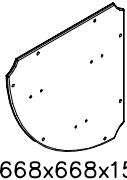
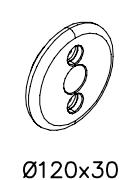
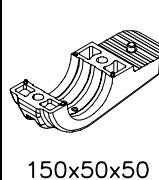
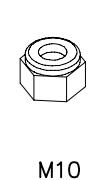
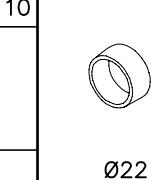
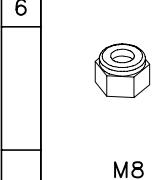
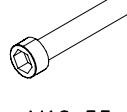
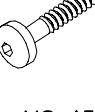
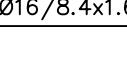
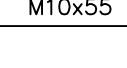
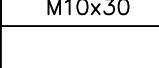
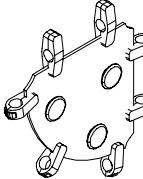
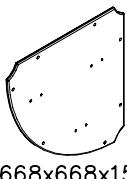
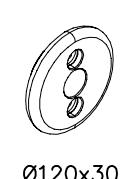
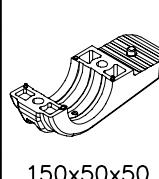
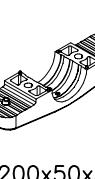
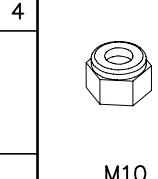
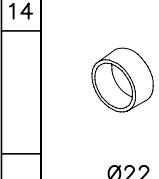
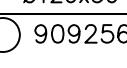
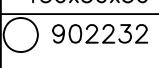
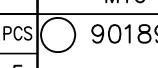
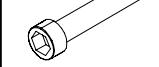
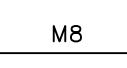
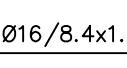
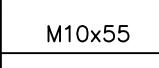
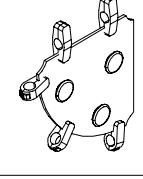
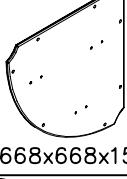
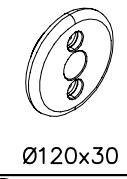
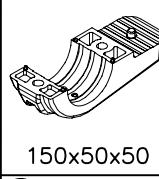
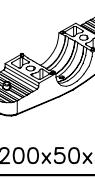
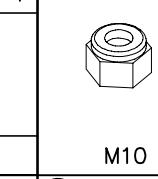
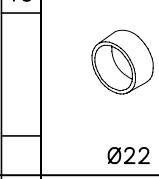
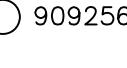
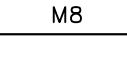
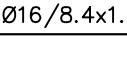
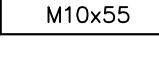
(1) 902256	PCS 1	(2) 909628	PCS 3
			
Ø60*150		M10x100	
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS





DATE: 3.8.2010

1(3)

		PCS 1		PCS 3		PCS 10		PCS 10		PCS 6		PCS 6	
													
				PCS 6		PCS 5		PCS 5		PCS 6		PCS	
												PCS	
													PCS
		PCS 1		PCS 3		PCS 10		PCS 4		PCS 14		PCS 6	
													
				PCS 6		PCS 6		PCS 9		PCS 5		PCS 6	
												PCS	
													PCS
		PCS 1		PCS 3		PCS 10		PCS 4		PCS 10		PCS 6	
													
				PCS 6		PCS 6		PCS 7		PCS 3		PCS 6	
												PCS	

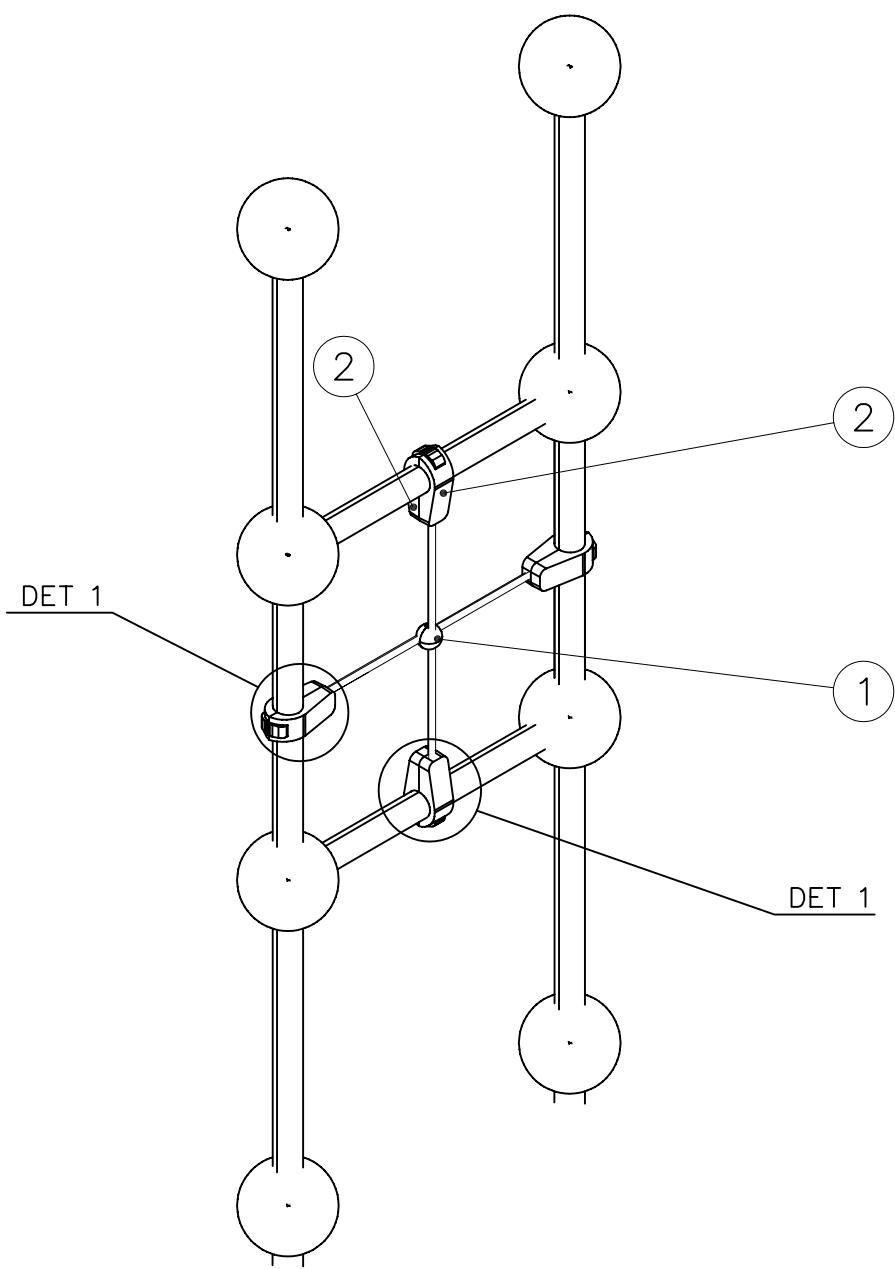
DATE: 3.8.2010

2(3)

○ 701986	○ 701990	PCS 1	○ 902124	PCS 14	○ 980161	PCS 14	○ 902232	PCS 7	○ 902233	PCS 7		PCS
					M10							
○ 701989	○ 701886	PCS 1	○ 902124	PCS 14	○ 980161	PCS 14	○ 902232	PCS 7	○ 902233	PCS 7		
					M10							
○ 701997	○ 902151	PCS 1	○ 902124	PCS 10	○ 980161	PCS 10	○ 902232	PCS 5	○ 902233	PCS 5		PCS
					M10							
○ 701999	○ 701936	PCS 1	○ 929322	PCS 3	○ 902124	PCS 14	○ 980161	PCS 14	○ 905112	PCS 6	○ 980160	PCS 6
	○ 909256	PCS 6	○ 902232	PCS 7	○ 902233	PCS 7	○ 901899	PCS 6				PCS
												PCS
○ 702000	○ 701886	PCS 1	○ 902124	PCS 10	○ 902197	PCS 4	○ 980161	PCS 14	○ 902232	PCS 9	○ 902233	PCS 5
○ 702056	○ 701975	PCS 1	○ 902124	PCS 16	○ 980161	PCS 16	○ 902232	PCS 8	○ 902233	PCS 8		PCS
○ 702155	○ 902151	PCS 1	○ 902124	PCS 14	○ 980161	PCS 14	○ 902232	PCS 7	○ 902233	PCS 7		PCS

<p>M8x45 701987 929322 Ø16/8.4 M8 905112</p>	<p>M10x55 902124 M10x30 M10 902124</p>	<p>M10x55 902197 M10 902197</p>
<p>M10x55 902197 M10 902124</p>	<p>M10x55 902124 M10x30 M10 902124</p>	
<p>M10x35 902124 M10 902124 Ø20/10.5</p>		
	<p>NOTE: Use a wire marked pairs of the same junction.</p> <p>Huom! Käytä langalla merkittyä paria samassa liitoksessa.</p>	

① 702154	PCS	② 902195	PCS
1		150*50*50	8
③ 902232	PCS	④ 902233	PCS
4		M10x30	4
⑤ 902273	PCS	⑥ 980161	PCS
8		M10	8
	PCS		PCS
	PCS		PCS
	PCS		PCS



DET 1

