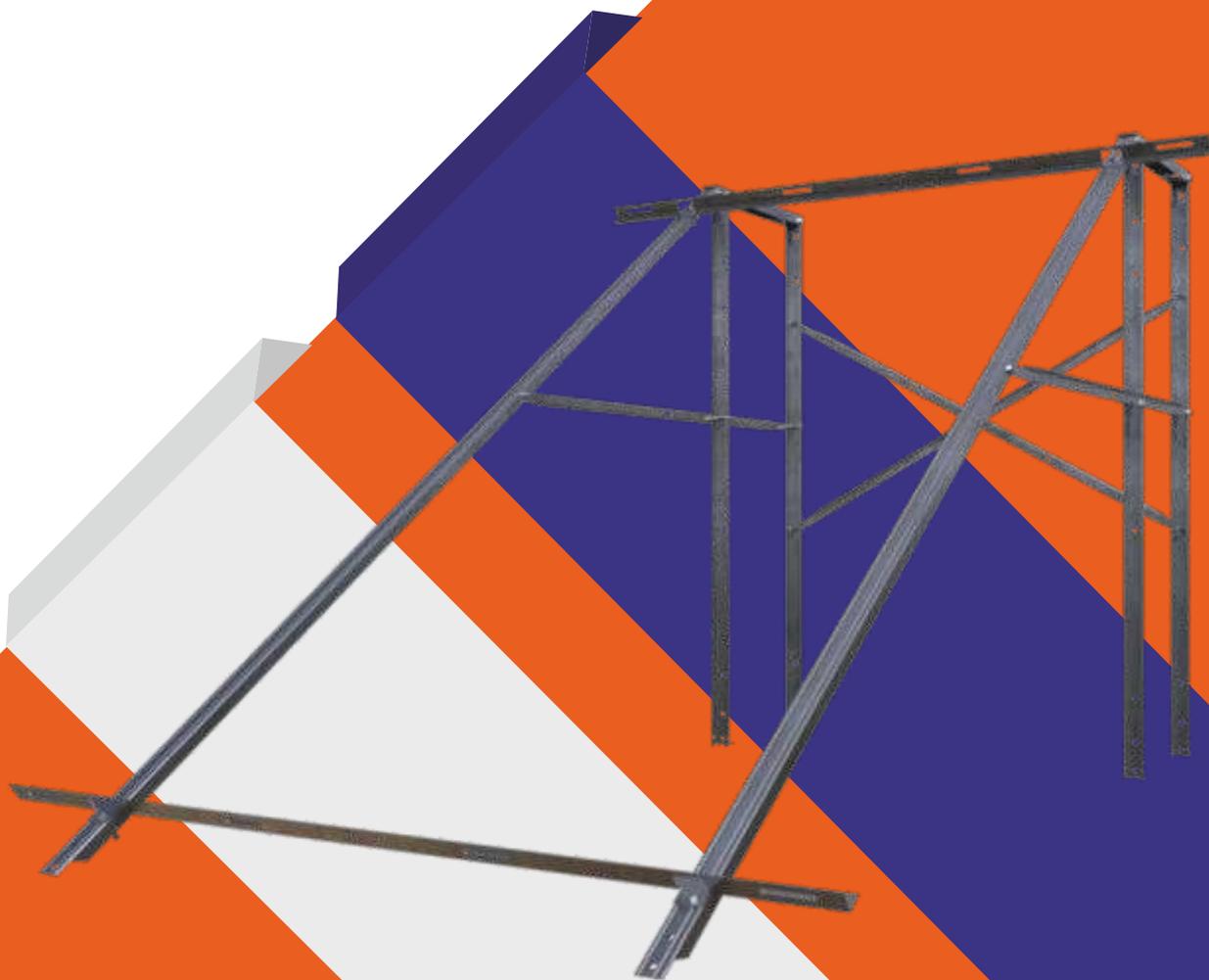


Telaio di supporto universale

ISTRUZIONI DI MONTAGGIO

*Tutti i nostri telai sono realizzati in acciaio
zincato Magnelis*



Telaio di supporto universale

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*Tutti i nostri telai sono realizzati in acciaio
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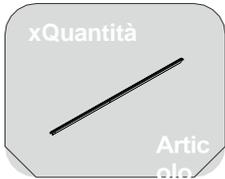
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Informazioni sulla sicurezza

	<p>Precauzioni di sicurezza: Prima di iniziare i lavori di montaggio sui tetti, è necessario assicurarsi in ogni caso che siano presenti i sistemi di protezione anticaduta e anticaduta non personali previsti dalla norma DIN 18338 (Lavori di copertura e impermeabilizzazione di tetti) e dalla norma DIN 18451 (Lavori di ponteggio). Vedi anche Ordinanza sulla protezione dei costruttori. Devono essere rispettate altre norme specifiche del paese!</p>		<p>Se possibile, le imbracature di sicurezza devono essere fissate al di sopra degli utenti. Le imbracature di sicurezza devono essere fissate solo a strutture o punti di fissaggio sufficientemente portanti!</p>
	<p>Se per motivi tecnici non è possibile installare sistemi di protezione anticaduta non personali o sistemi anticaduta, tutto il personale deve essere assicurato con imbracature di sicurezza adeguate!</p>		<p>Non utilizzare mai scale danneggiate (ad esempio, scale di legno con guide o pioli spaccati, o scale di metallo piegate o inarcate). Non cercare mai di riparare le guide, i pioli o i gradini rotti delle scale in legno!</p>
	<p>Utilizzare solo imbracature di sicurezza (cinture di sicurezza, cordini e cinghie, ammortizzatori, dispositivi anticaduta) testate e certificate da enti di controllo autorizzati.</p>		<p>Assicurarsi che le scale siano montate in modo sicuro. Rispettare il corretto angolo di inclinazione (68° - 75°). Evitare che le scale scivolino, cadano o sprofondino nel terreno (ad esempio, utilizzando piedi più larghi, piedi adatti al terreno o dispositivi di aggancio).</p>
	<p>Se non sono presenti sistemi di protezione anticaduta non personali o sistemi anticaduta, il lavoro senza l'uso di imbracature di sicurezza adeguate può provocare cadute dall'alto e quindi lesioni gravi o letali!</p>		<p>Appoggiare le scale solo a punti sicuri. Assicurare le scale nelle aree di circolazione con un cordone adeguato.</p>
	<p>Le scale non adeguatamente fissate contro lo sprofondamento, lo scivolamento o il ribaltamento possono causare cadute pericolose!</p>		<p>Il contatto con i cavi elettrici aerei sotto tensione può essere letale.</p>
	<p>Quando ci si trova in prossimità di cavi elettrici aerei sotto tensione e il contatto è possibile, lavorare solo se: ci si assicura che siano privi di tensione e che ciò sia garantito per tutta la durata del lavoro. le parti in tensione siano messe in sicurezza coprendole o isolandole. si mantengono le distanze di sicurezza prescritte.</p> <p>Raggio di tensione: 1 m..... tensioni fino a 1000V 2 m..... tensioni da 1000V a 11000V 3 m..... tensioni da 11000V a 22000V 4 m..... tensioni da 22000V a 38000V > 5 m in caso di tensioni sconosciute</p>		<p>Indossare occhiali protettivi durante la perforazione e la manipolazione dei collettori!</p>
			<p>Indossare scarpe di sicurezza durante i lavori di installazione!</p>
			<p>Indossare guanti di sicurezza antitaglio durante il montaggio dei collettori!</p>
	<p>Utilizzare solo il mezzo di trasmissione del calore indicato!</p>		<p>Indossare un casco durante i lavori di installazione!</p>

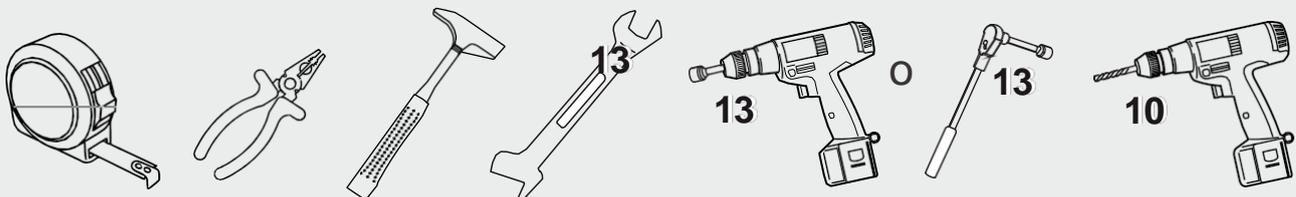
Segnali informativi



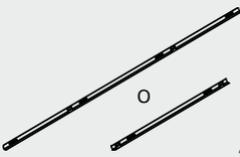
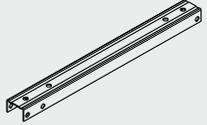
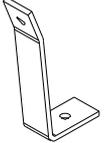
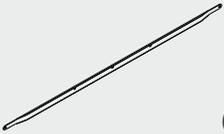
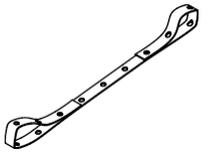
Indica l'articolo specifico e la quantità

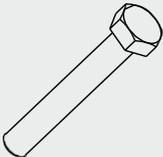
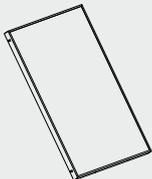
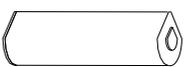
	Attenzione		Utilizzare un trapano da 10 mm
	Vedere pagina #		Serrare con la coppia specificata
	Danneggiamento dei collettori		Serrare nuovamente con la coppia di serraggio specificata OGNI DENTE E BULLONE
	Pesante		Utilizzare SOLO il bullone indicato
	Utilizzare la rondella		Posizionare il telaio nel punto esatto in base alla posizione geografica specifica.
	Eccezione: Utilizzare solo per serbatoi da 250lt e oltre		Rimuovere la base dal serbatoio

Strumenti necessari

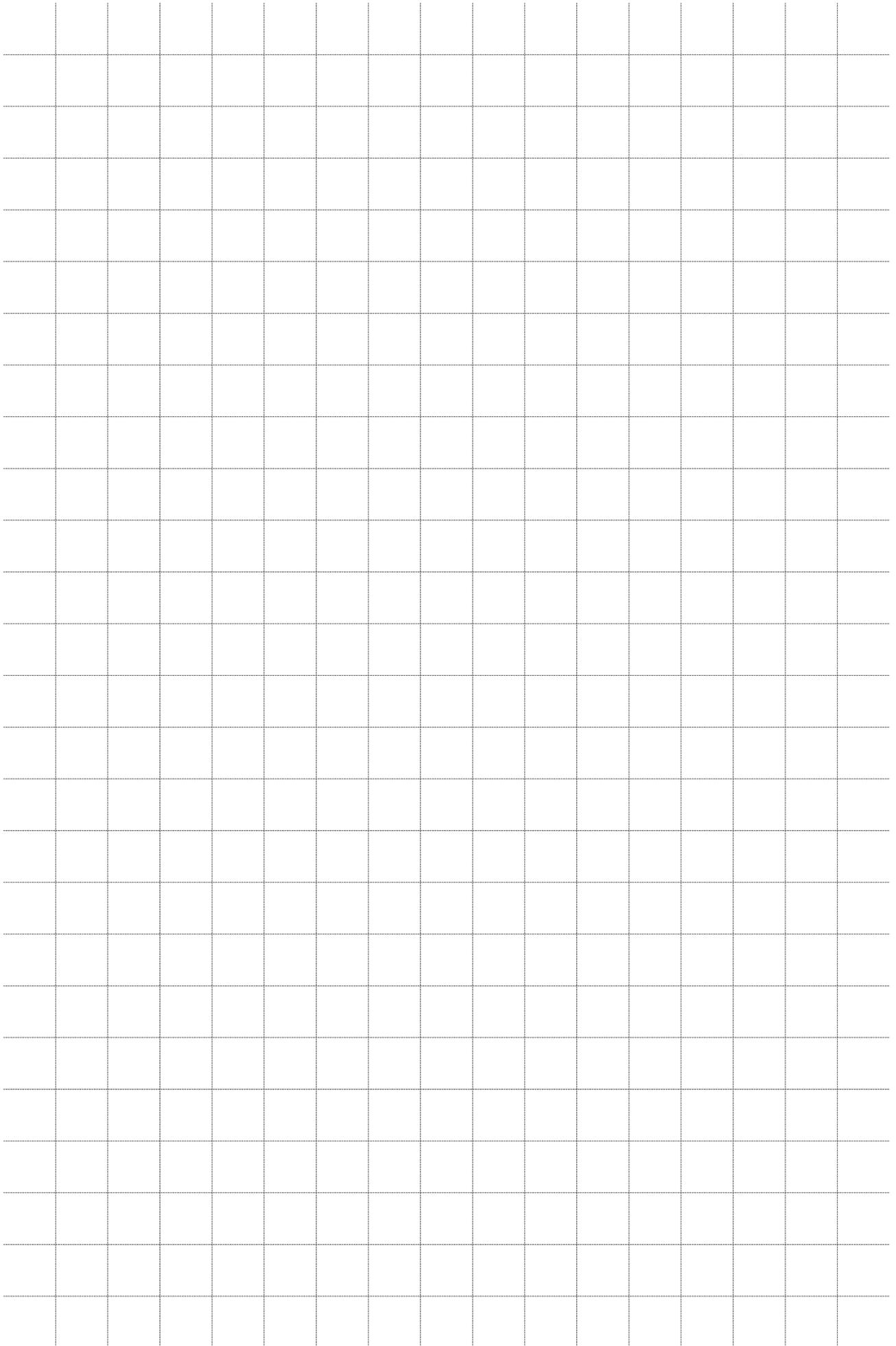


Panoramica dei materiali

NOME	QUANTITÀ	ARTICOLO	DESCRIZIONE
Profilo 1	2	 1	Profilo strutturale. Supporta i collettori solari.
Staffa del collettore	2	 2	Fissa il collettore alla base. Due dimensioni discrete, per 1 o 2 collettori.
Profilo 2	4	 3	Profilo strutturale. Utilizzato come base nel formato a tetto piano o come trave del telaio di supporto universale per il formato a tetto inclinato.
Profilo di giunzione (base del serbatoio)	2	 4	Profilo/giunto orizzontale della base del serbatoio. Supporta il serbatoio sia per il tetto piano che per quello inclinato.
Staffa per serbatoio	2	 5	Supporta il serbatoio sul telaio di supporto universale nel formato inclinato del tetto
Giunto di fissaggio	4 OR 6	 6	Fissa la base del serbatoio e la unisce al profilo del pannello solare. Per il telaio di supporto da 300lt sono necessari 2 elementi in più (vedere la fase 3b).
Striscia di fissaggio	4	 7	Lega il profilo 2 alla trave del tetto inclinato sotto le tegole.
Vite a testa esagonale di grado C M8x1,25 x 12 Acciaio grado 8	12	 8	Vite a testa esagonale C M8x1,25 x 12 Acciaio grado 8.

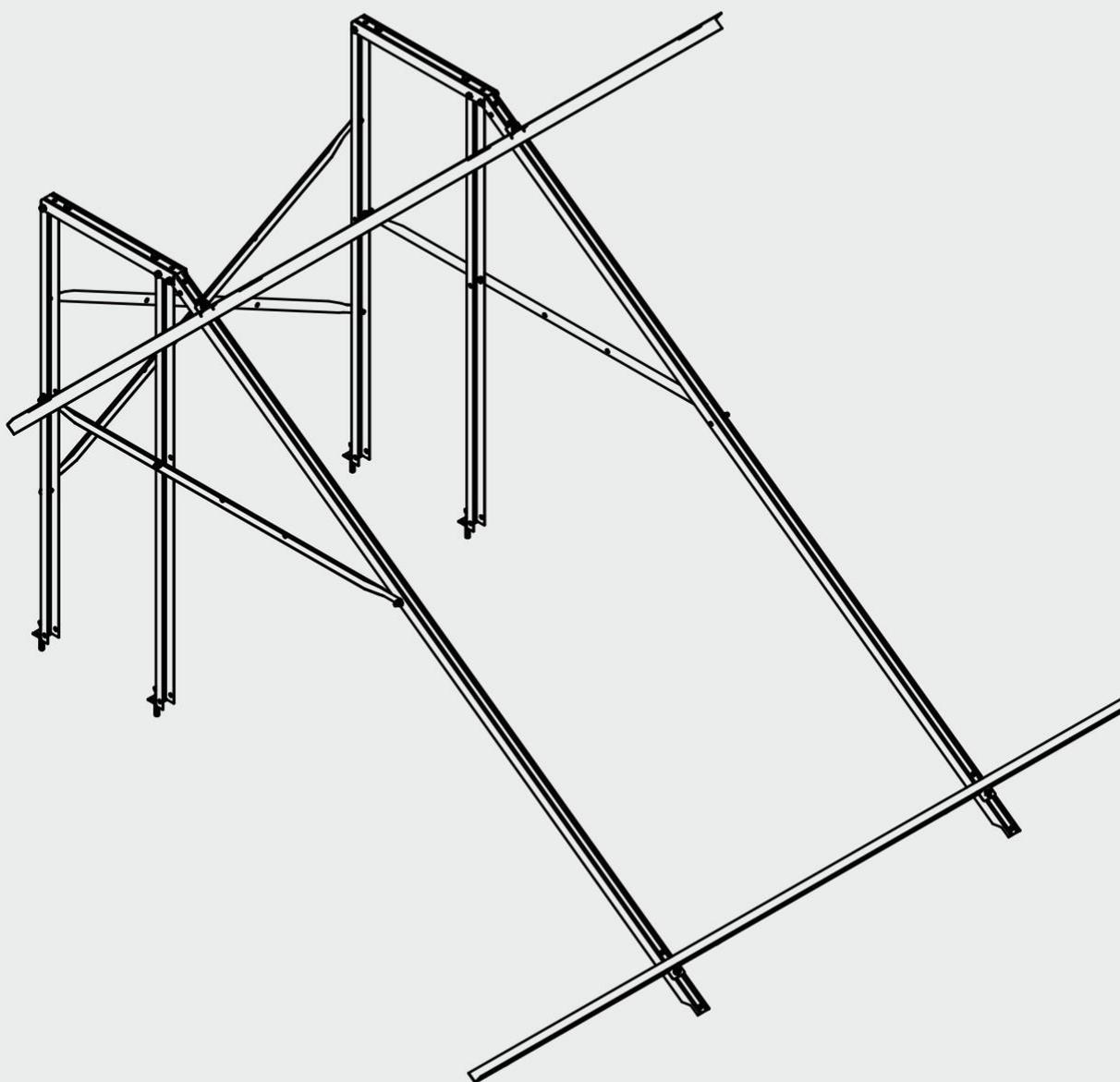
NOME	QUANTITÀ	ARTICOLO	DESCRIZIONE
Vite a testa esagonale grado C M8x1,25 x 20 Acciaio grado 8	25	 9	Vite a testa esagonale tipo C M8x1,25 x 20 Acciaio Grado 8
Vite a testa esagonale tipo C M8x1,25 x 55 Acciaio grado 8	6	 10	Vite a testa esagonale grado C M8x1,25 x 55 Acciaio grado 8
Dado esagonale grado C M8x1,25 Acciaio zincato	31	 11	Dado esagonale grado C M8x1,25 Acciaio Zincato
Rondella piana smussata normale M8	16	 12	Rondella piana smussata normale M8
Vite e tappo a muro	6	 13	Vite e tappo a muro
Collettore solare	1 o 2	 14	Collettore solare
Serbatoio	1	 15	Serbatoio

x 10 mm
10 mm

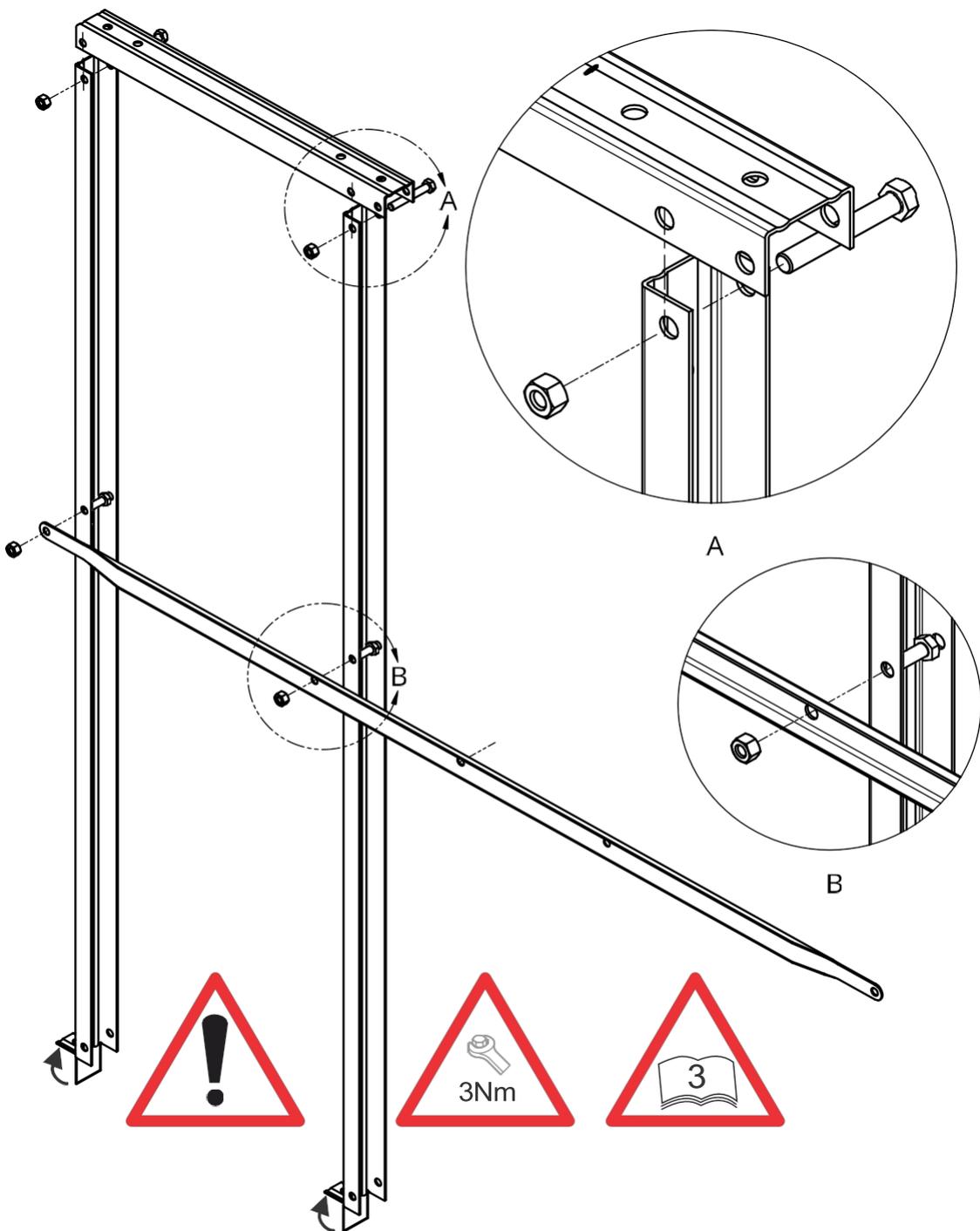
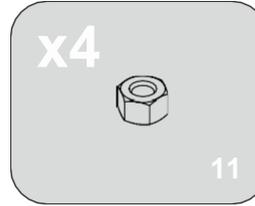
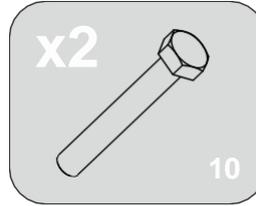
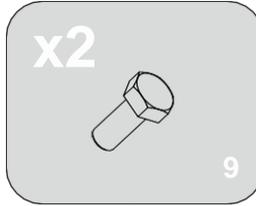
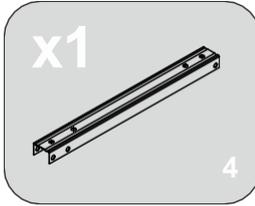
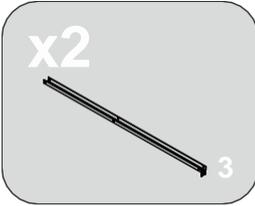
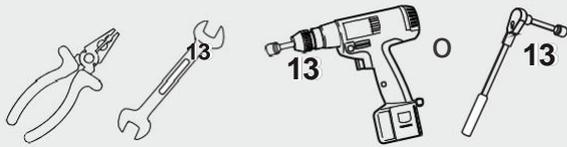


Istruzioni di montaggio per il tetto piano

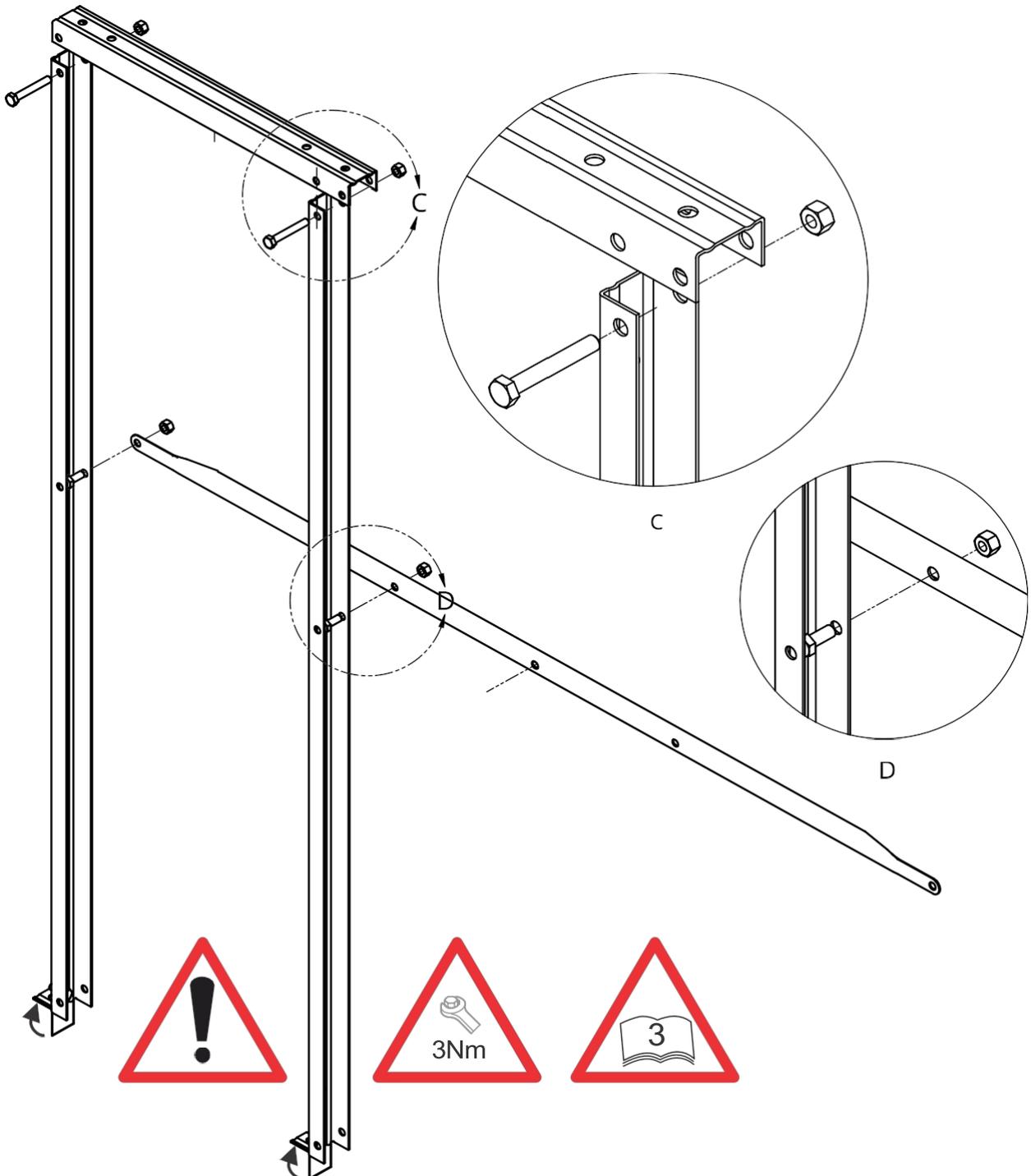
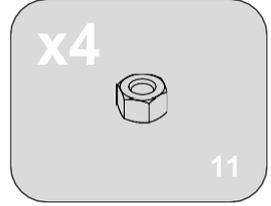
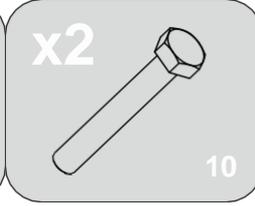
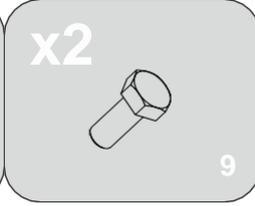
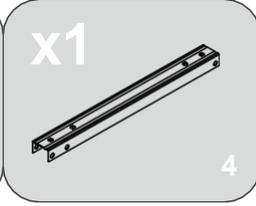
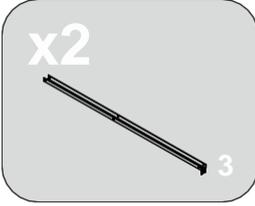
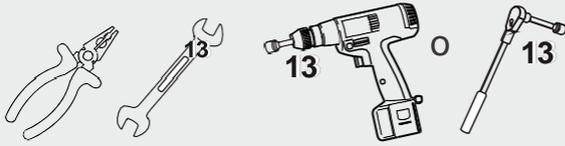
Telaio di supporto del tetto piano



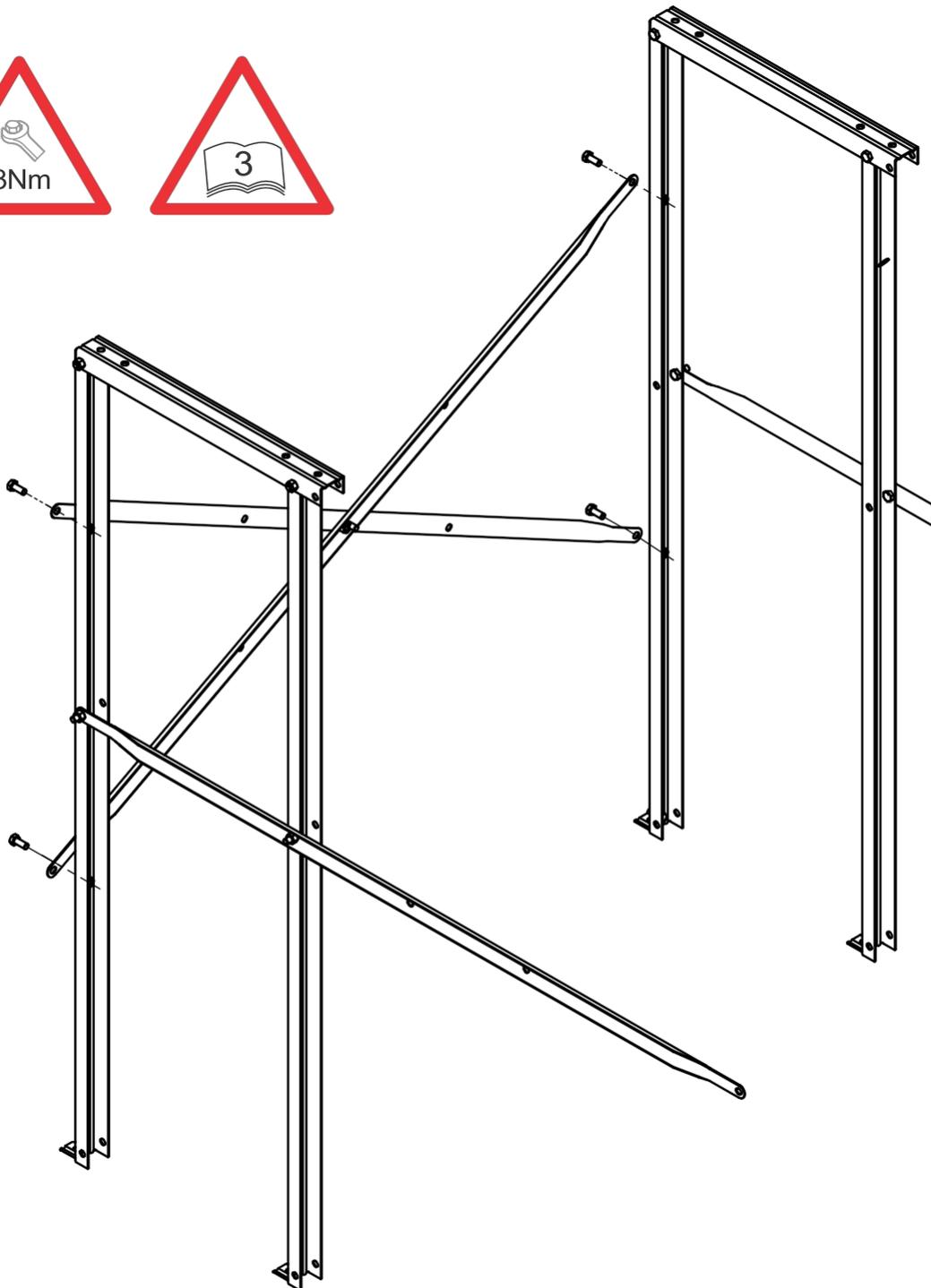
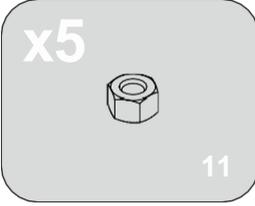
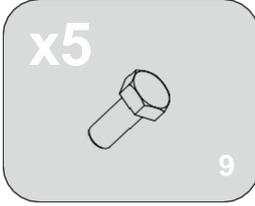
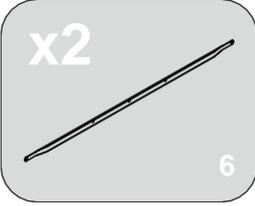
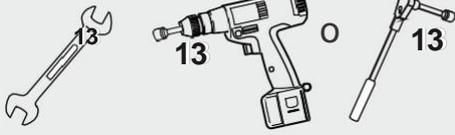
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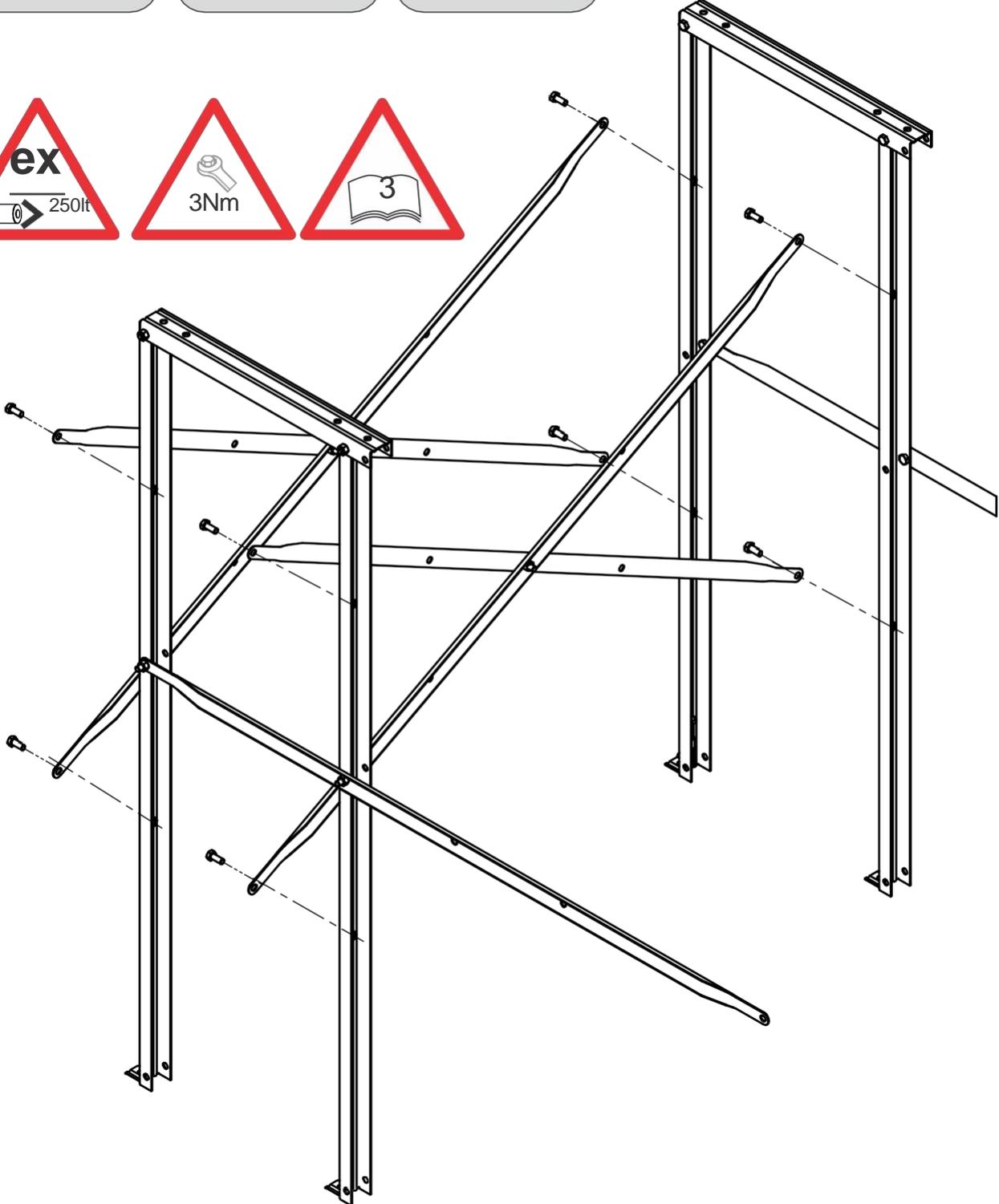
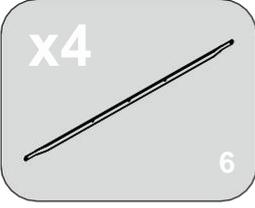
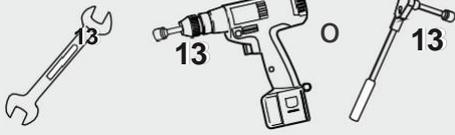
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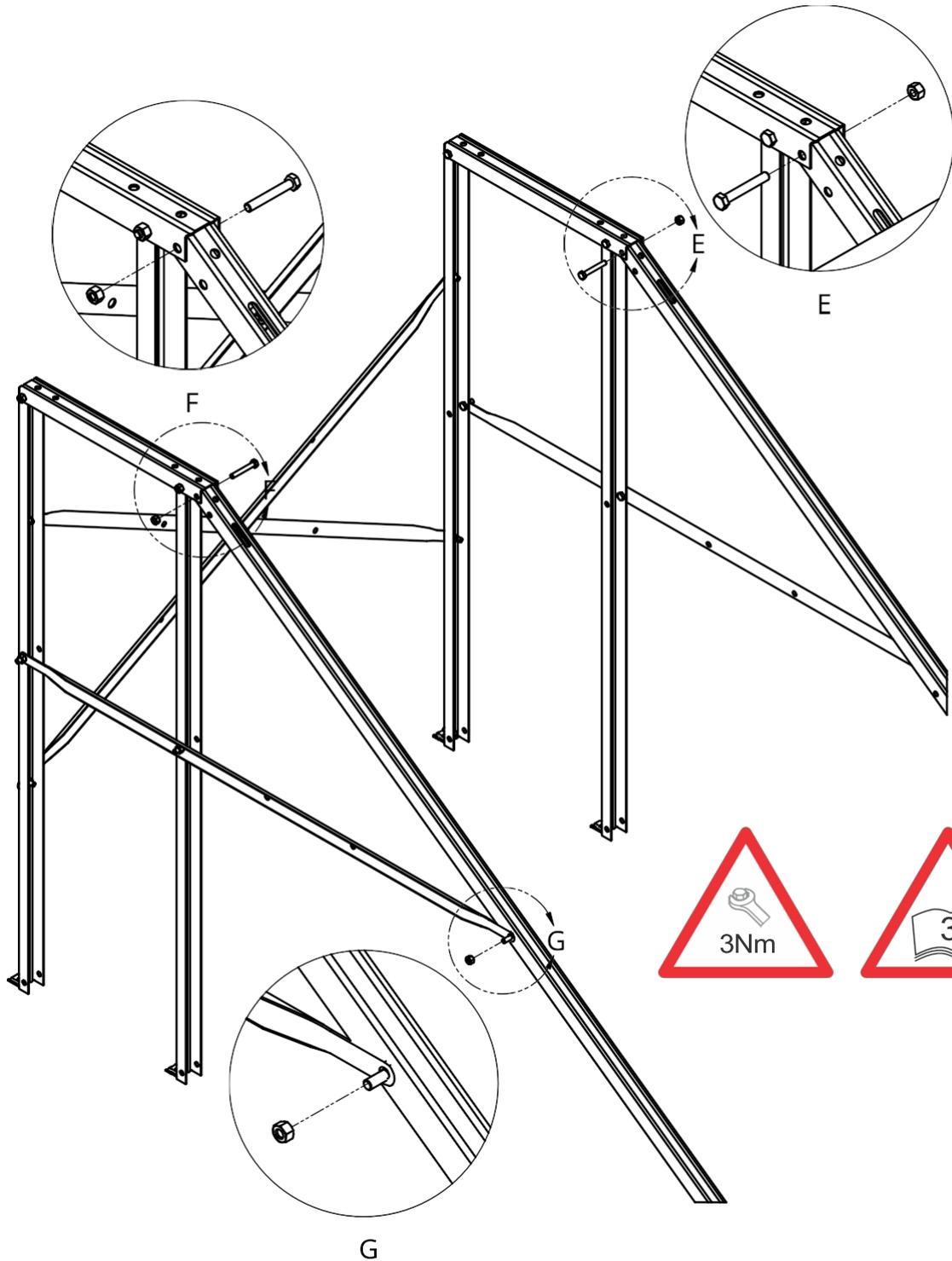
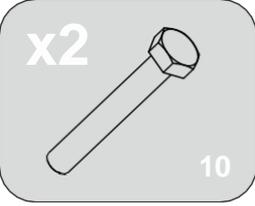
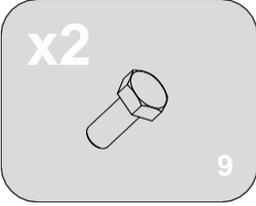
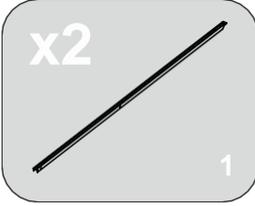
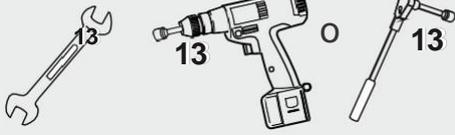
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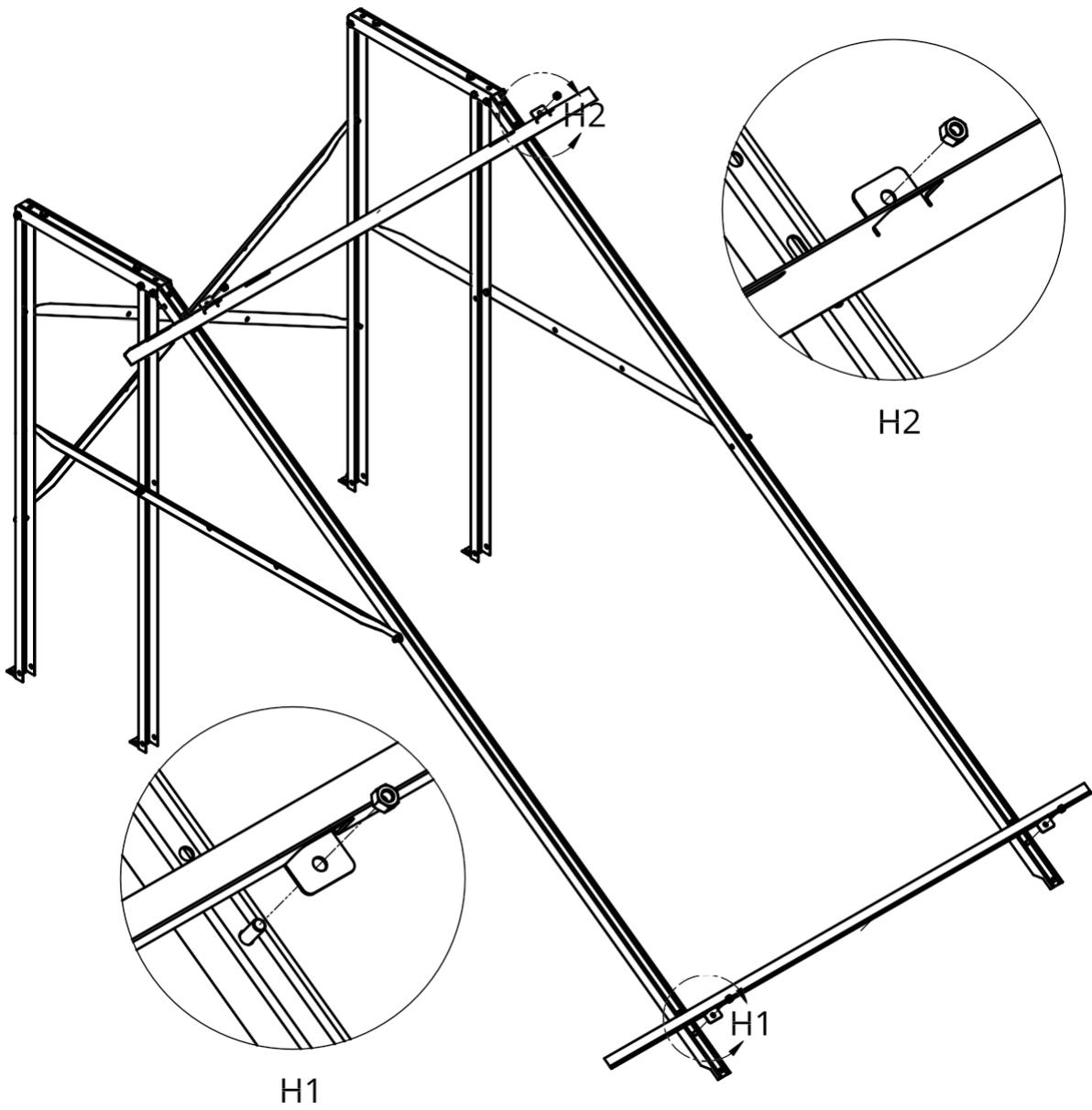
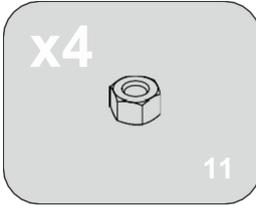
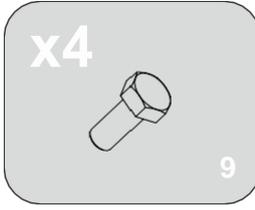
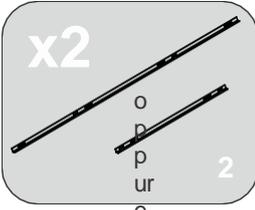
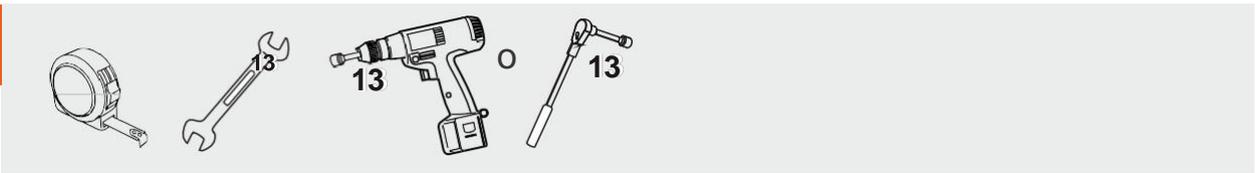
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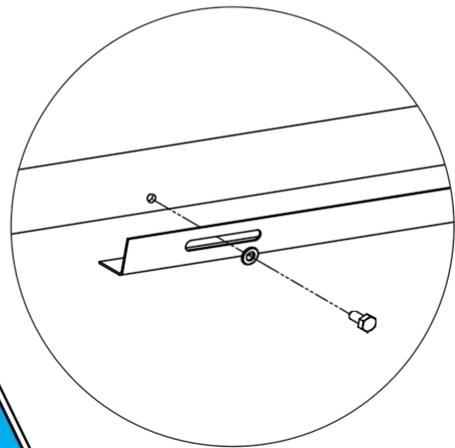
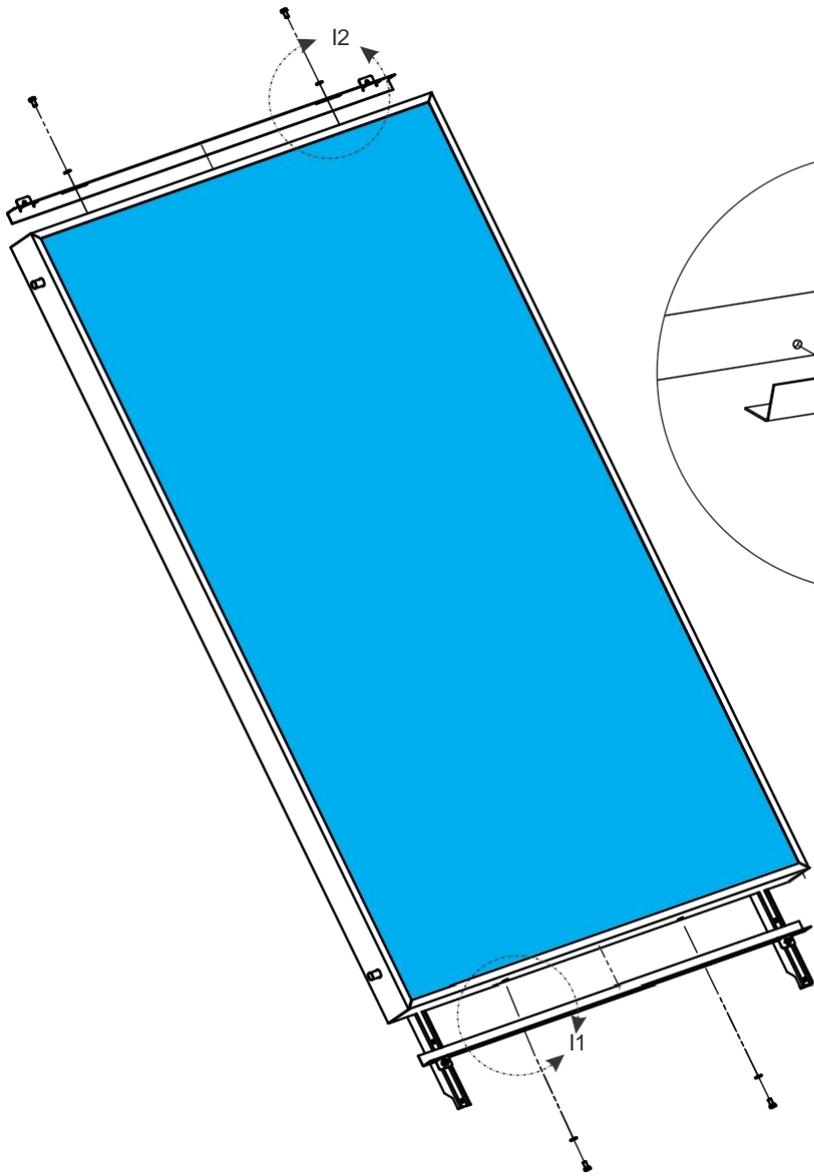
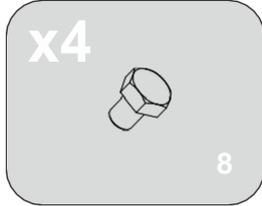
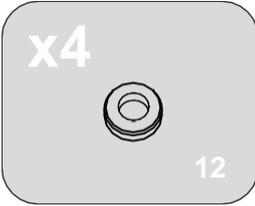
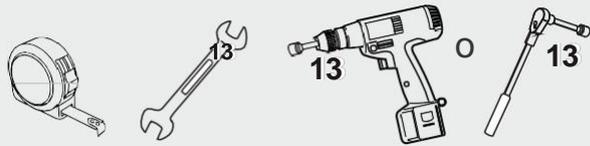
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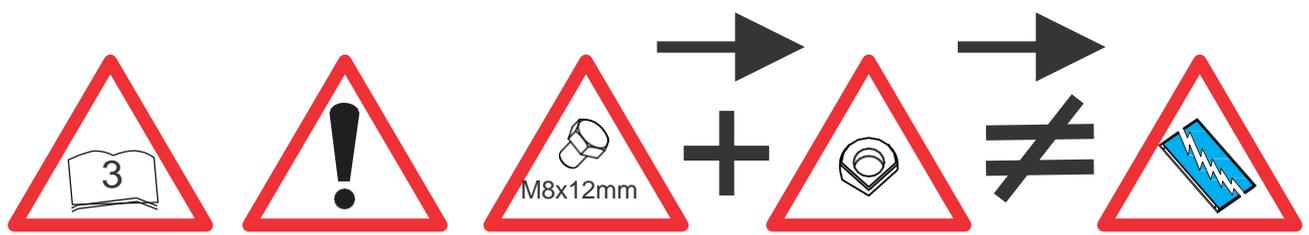
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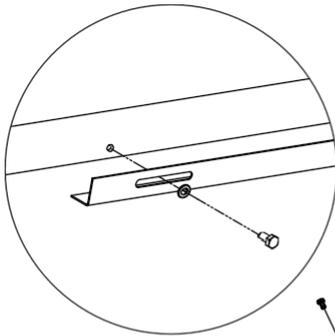
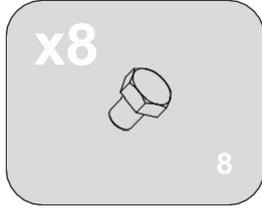
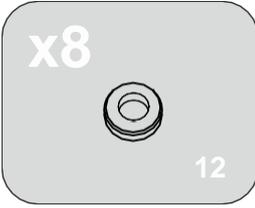
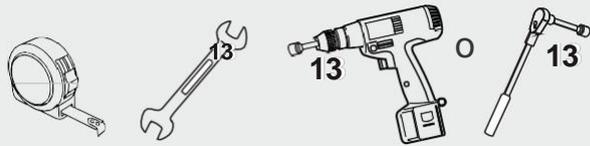
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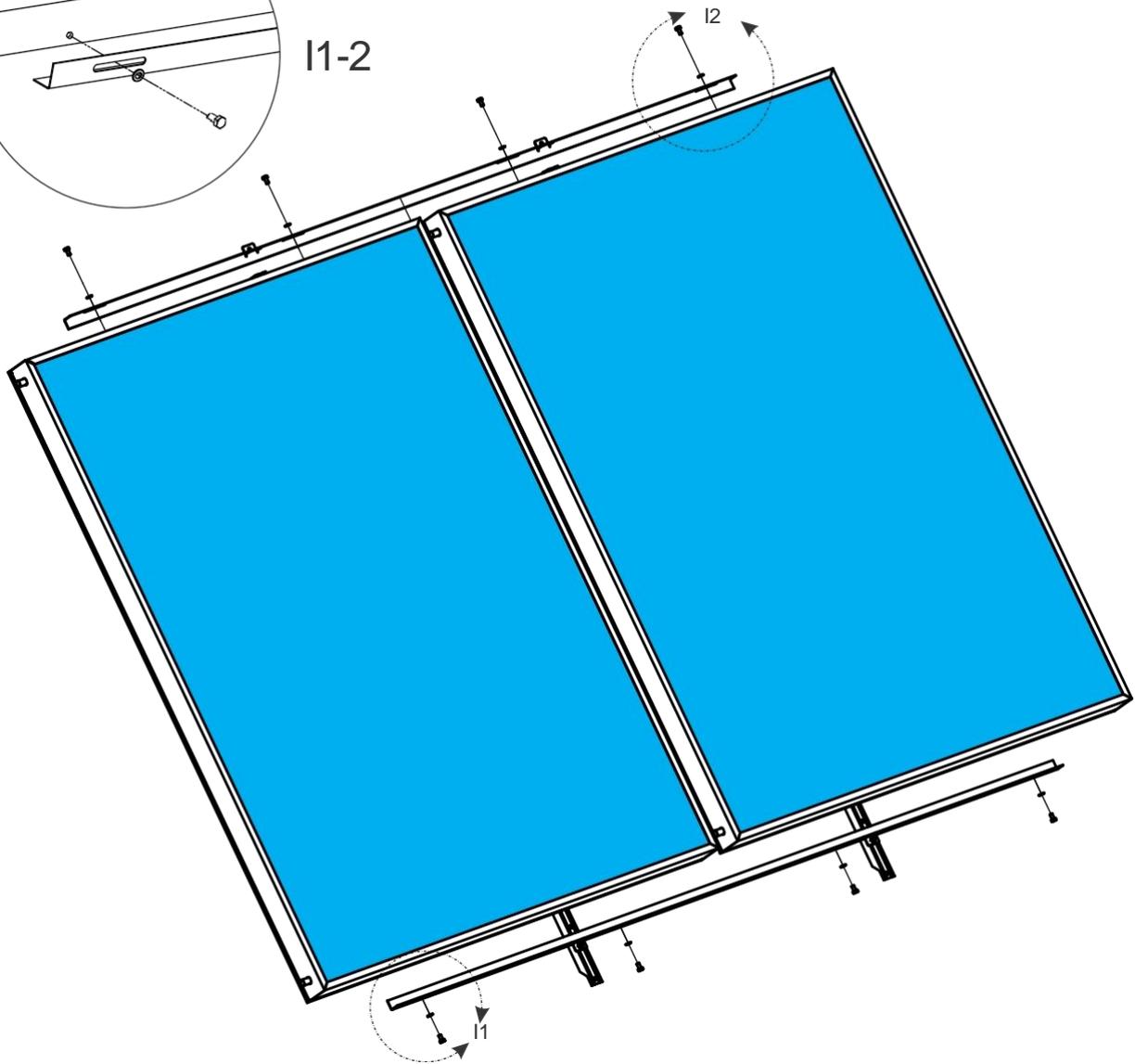
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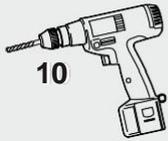
6.2



I1-2



7



x4



9

x4



12

x4

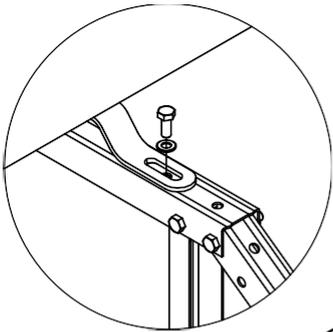


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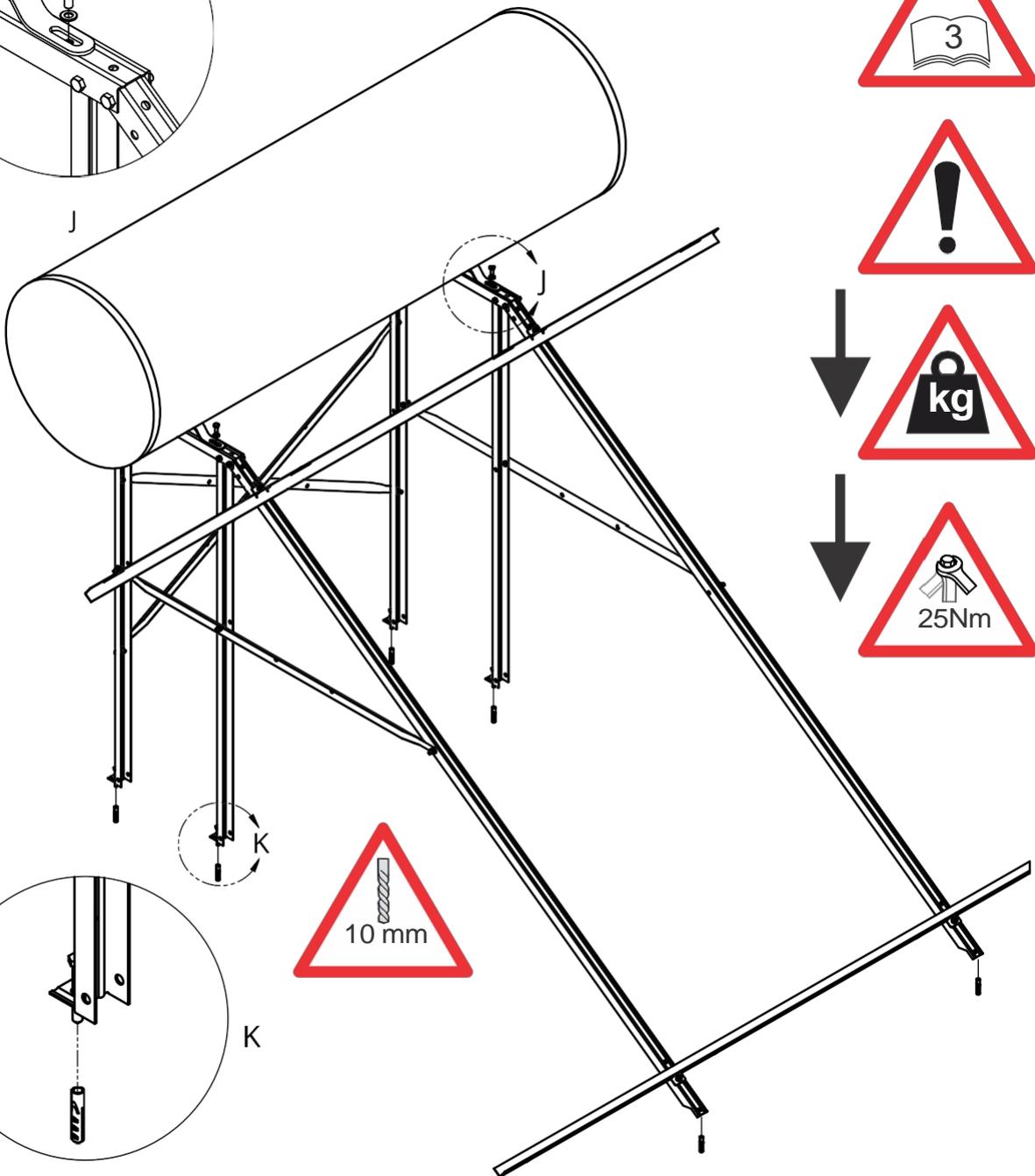
x6



13



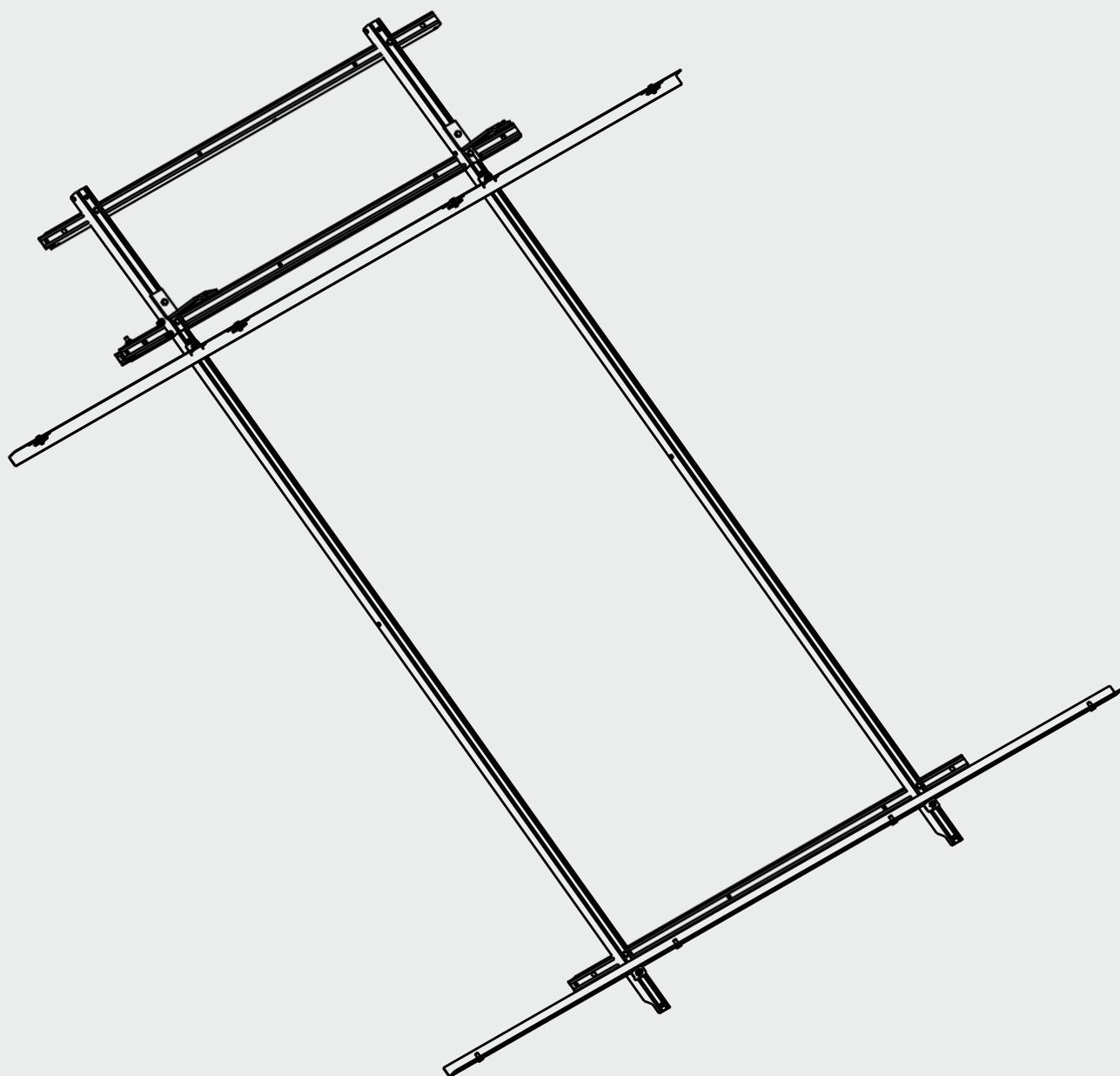
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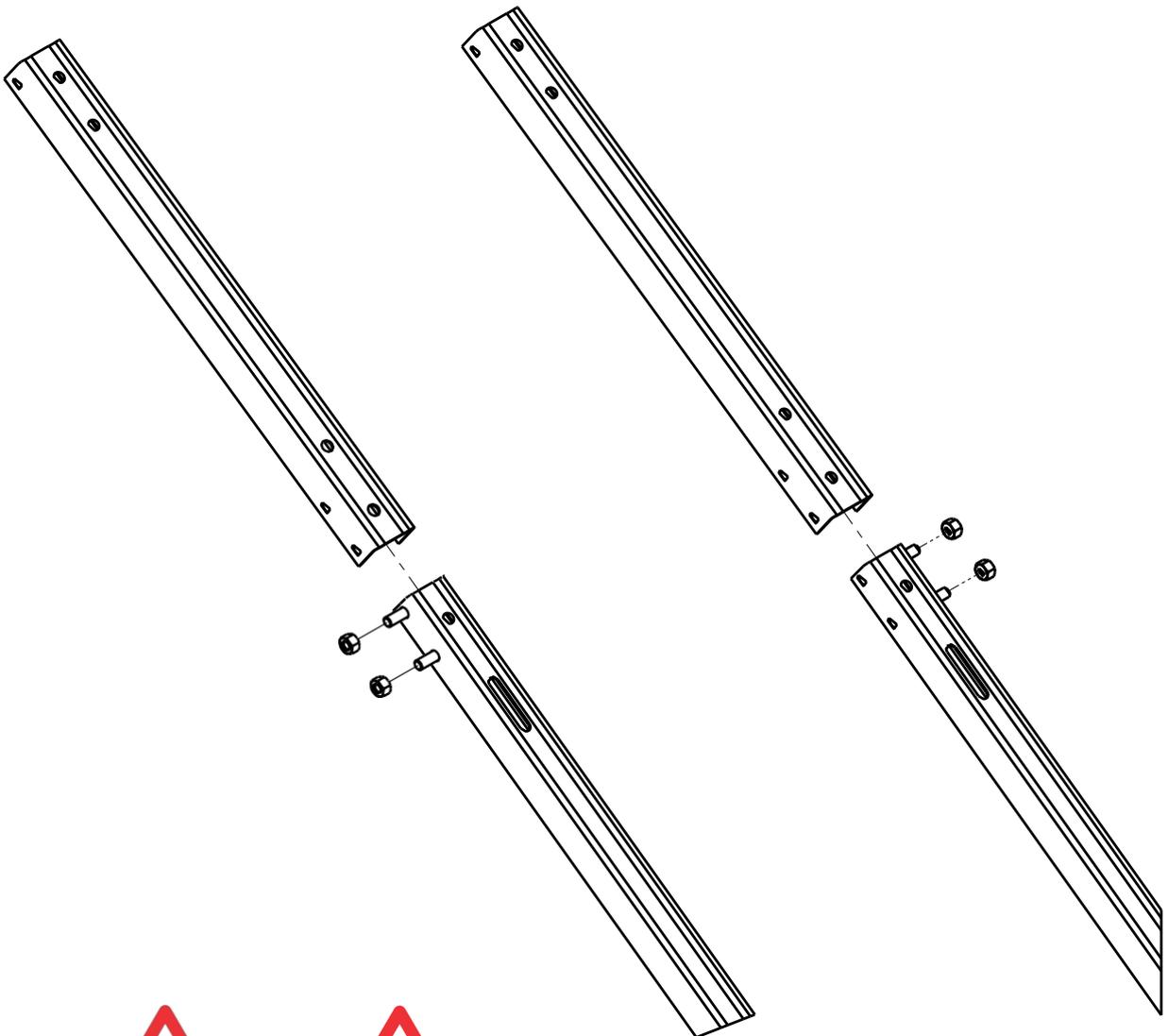
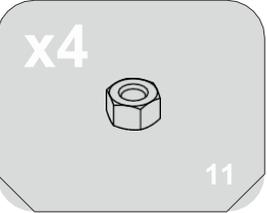
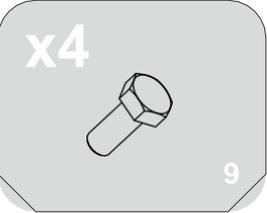
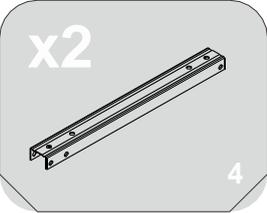
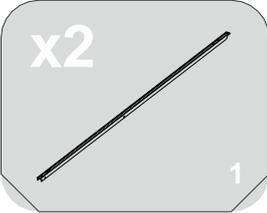
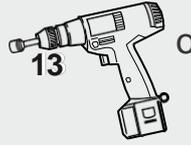
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Istruzioni di montaggio per il tetto inclinato

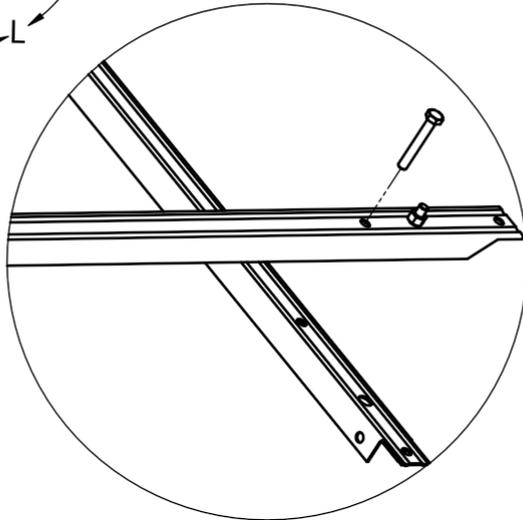
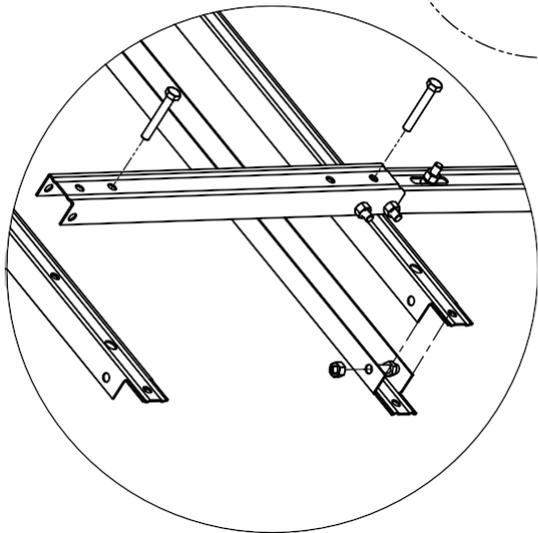
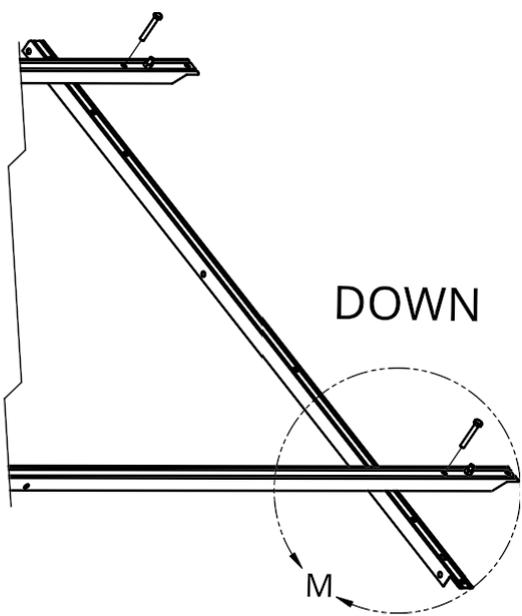
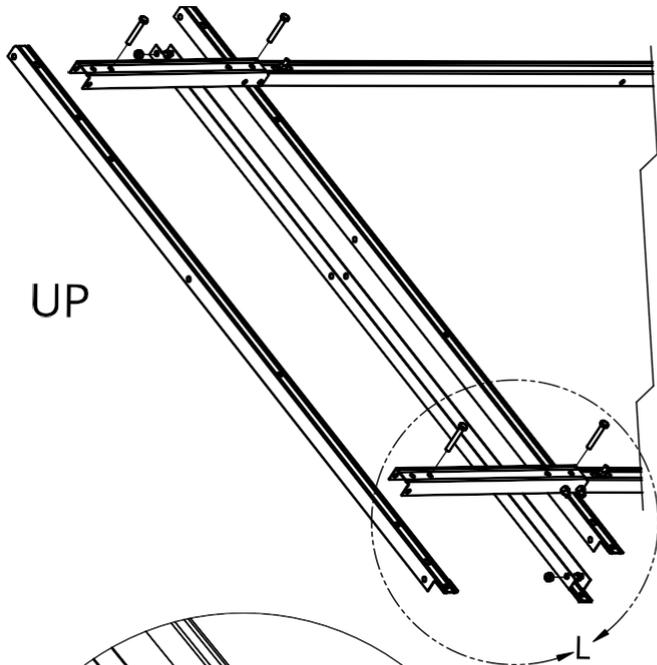
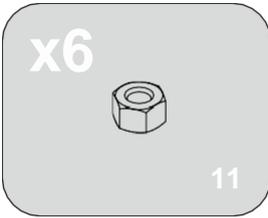
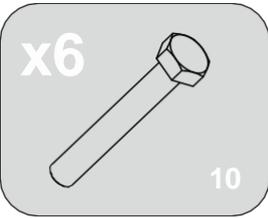
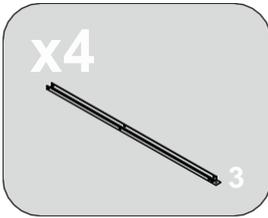
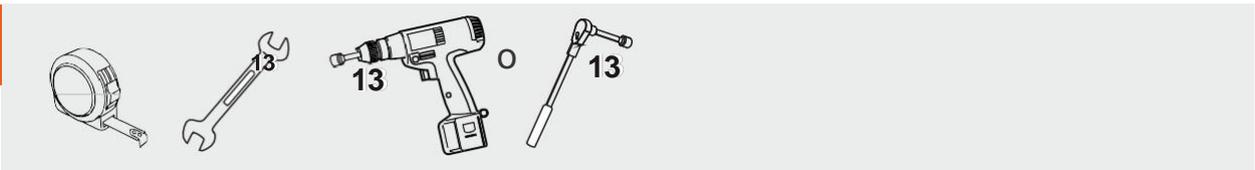
Telaio di supporto del tetto inclinato



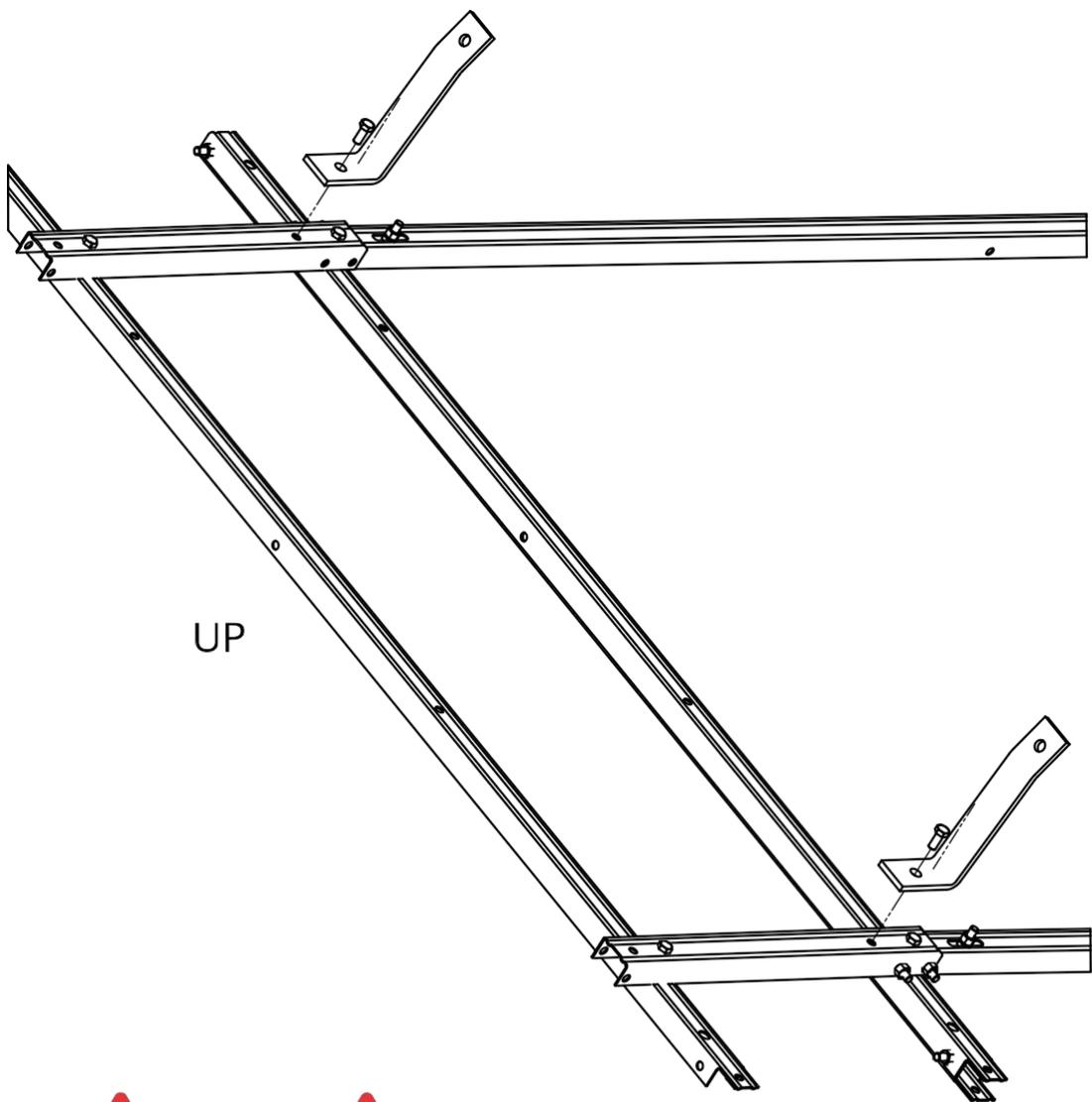
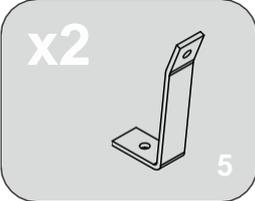
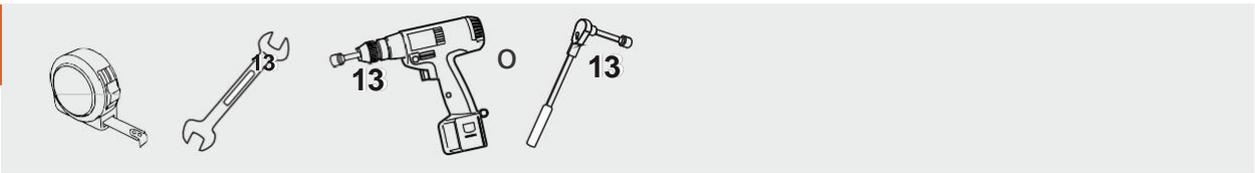
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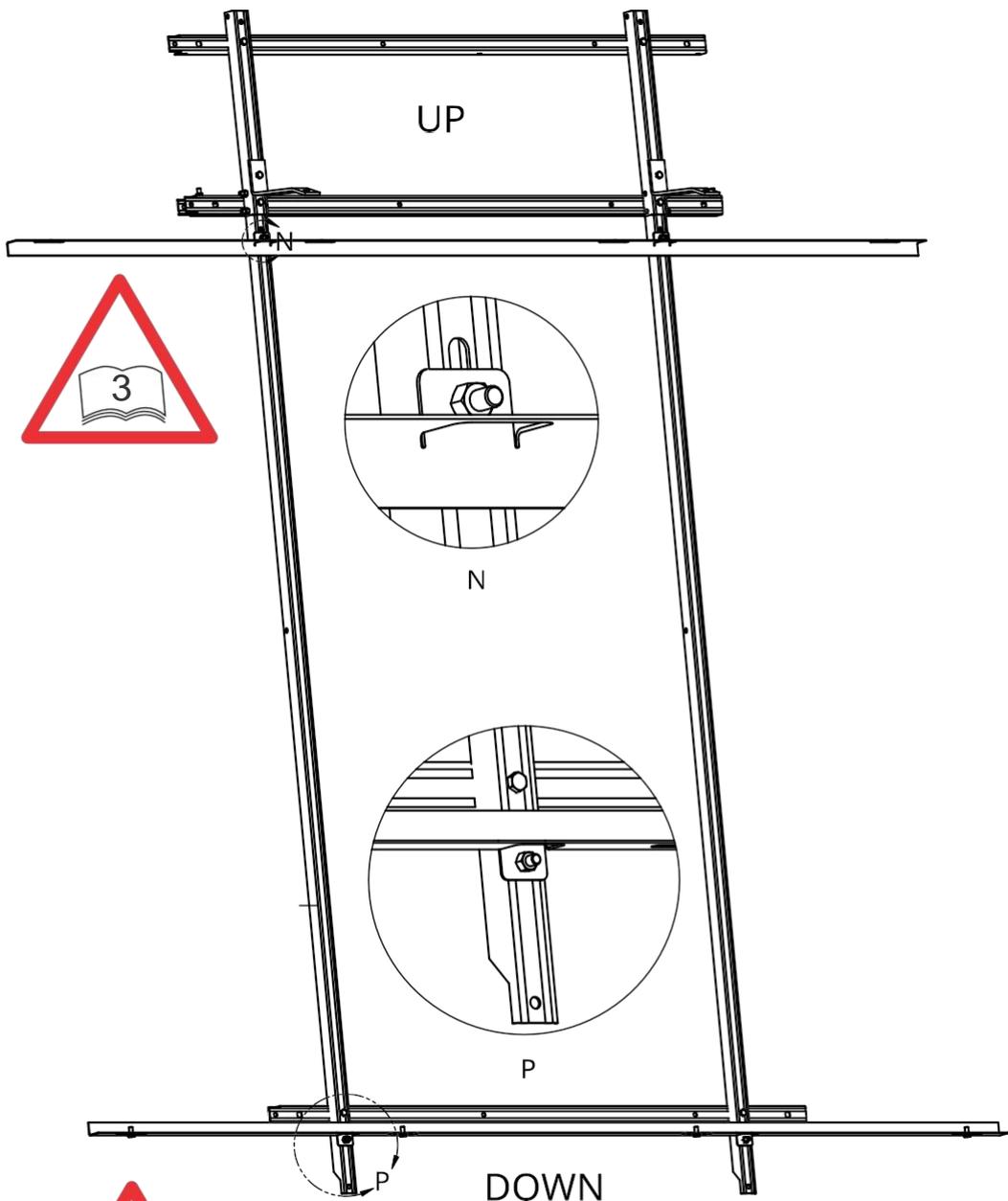
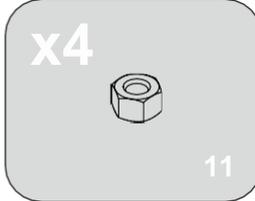
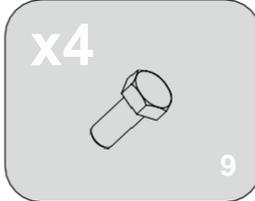
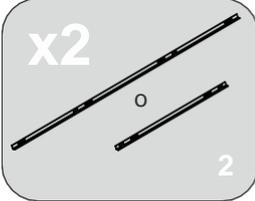
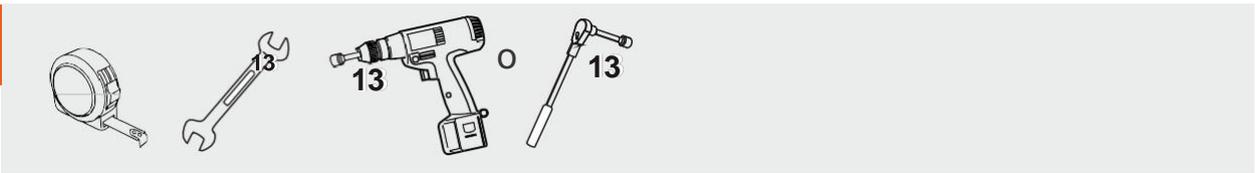
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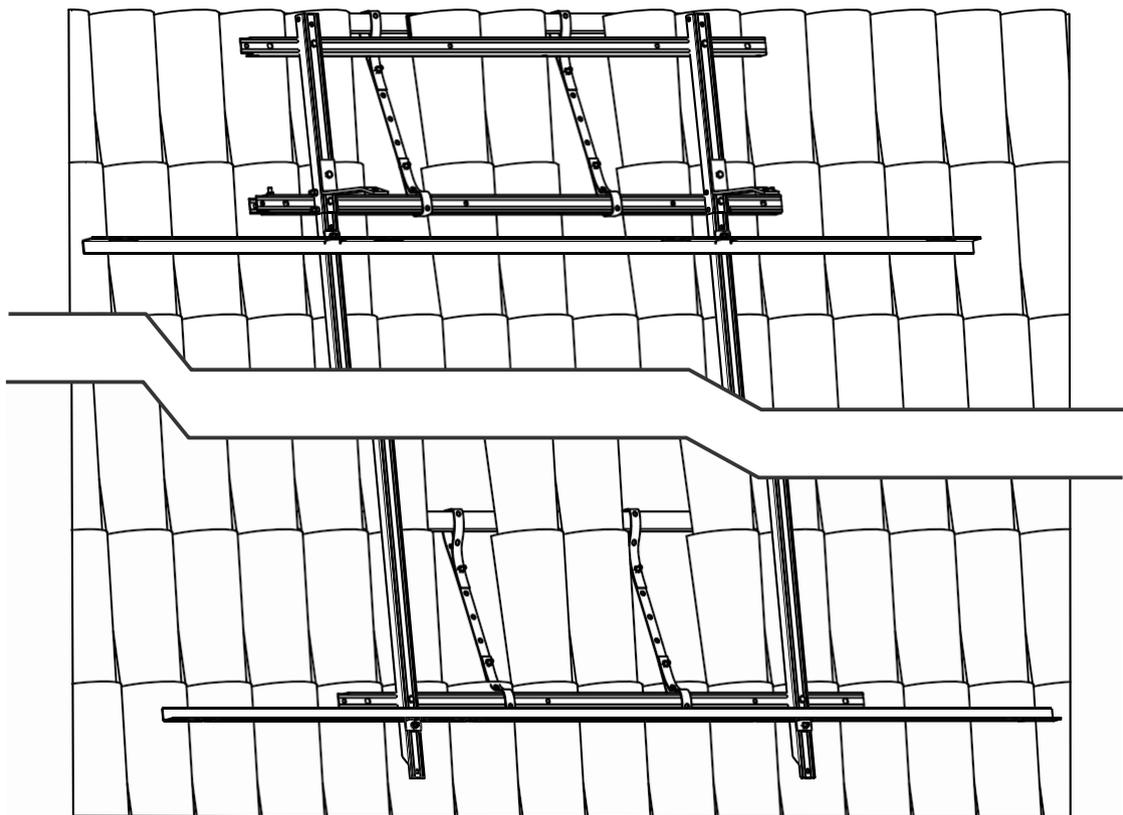
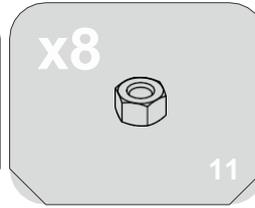
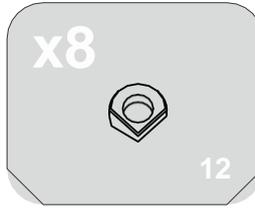
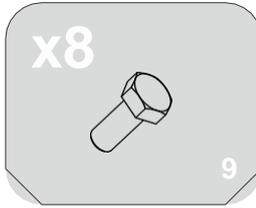
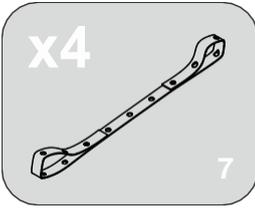
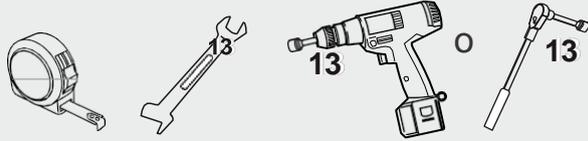
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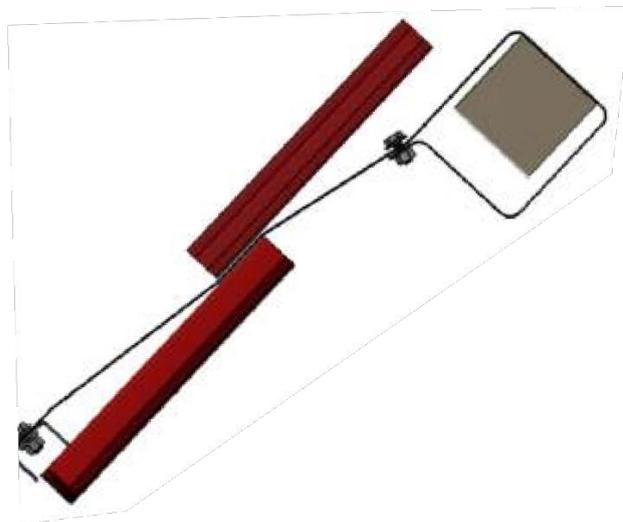
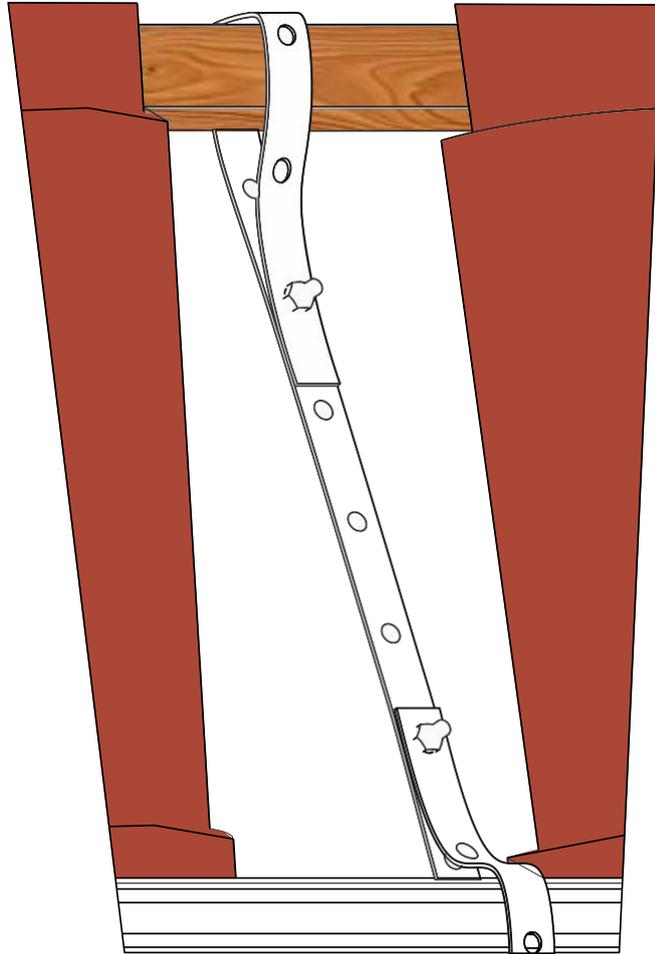
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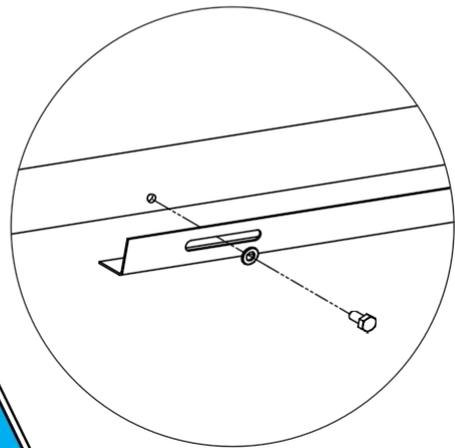
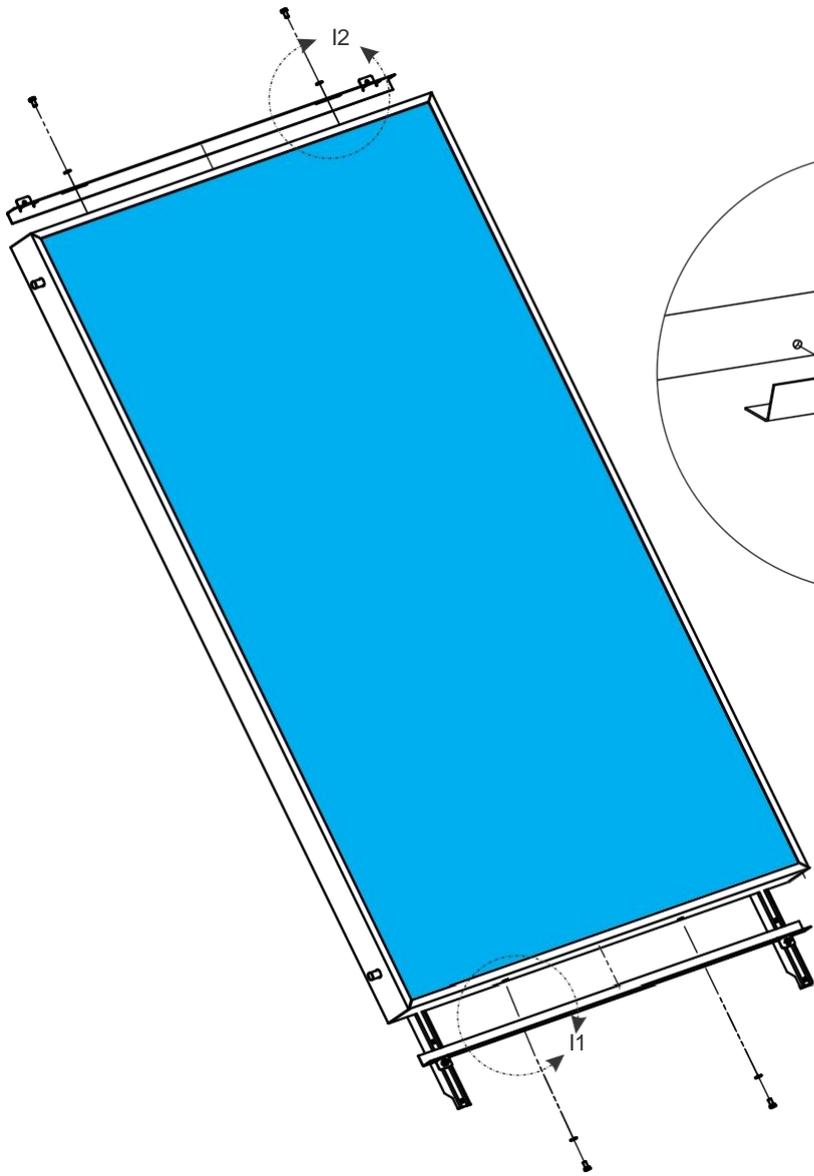
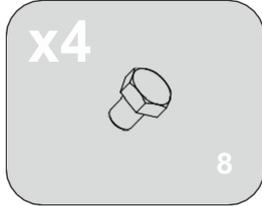
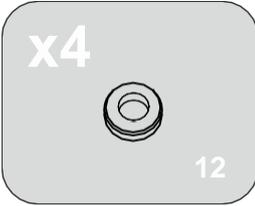
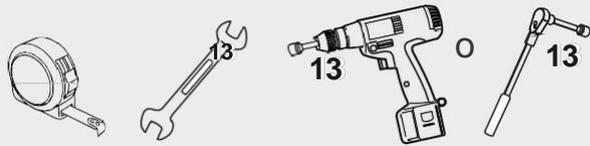
5.1



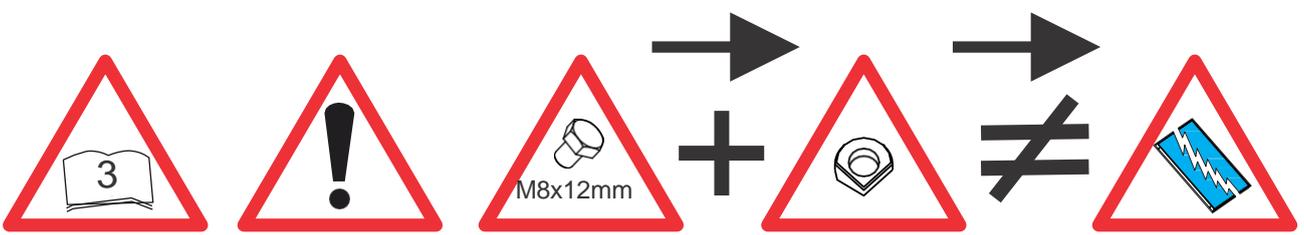
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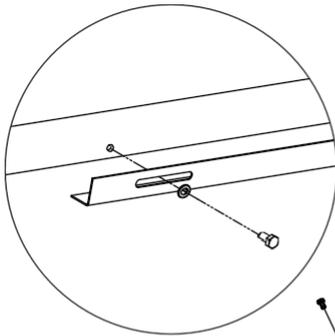
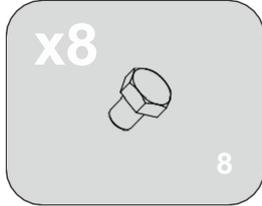
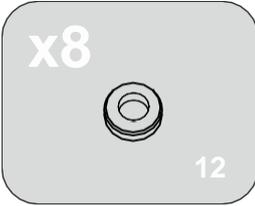
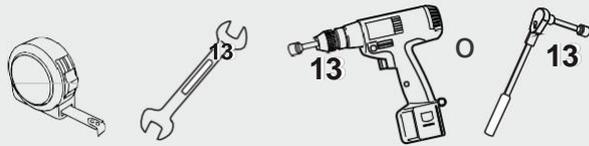
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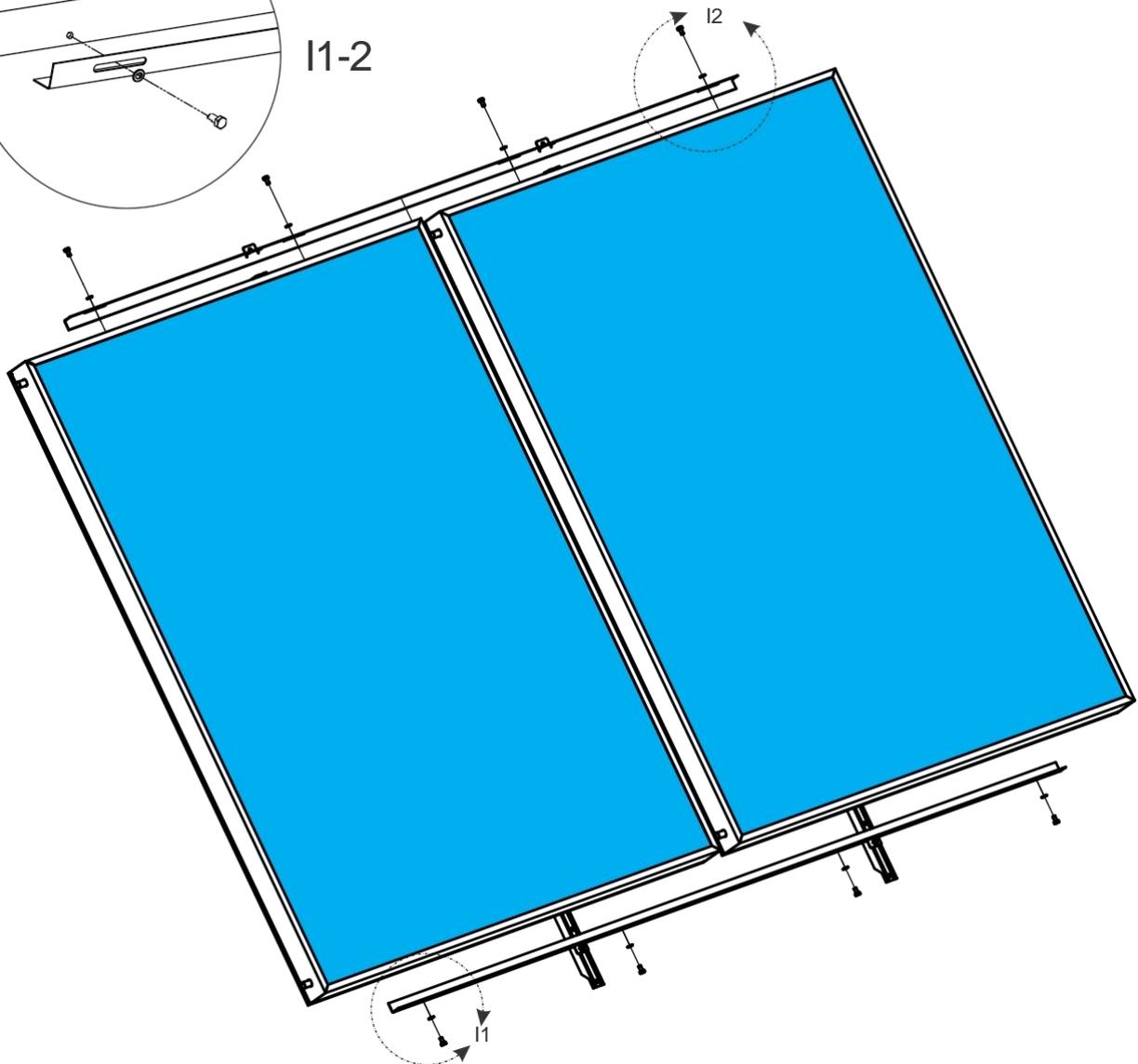
11-2



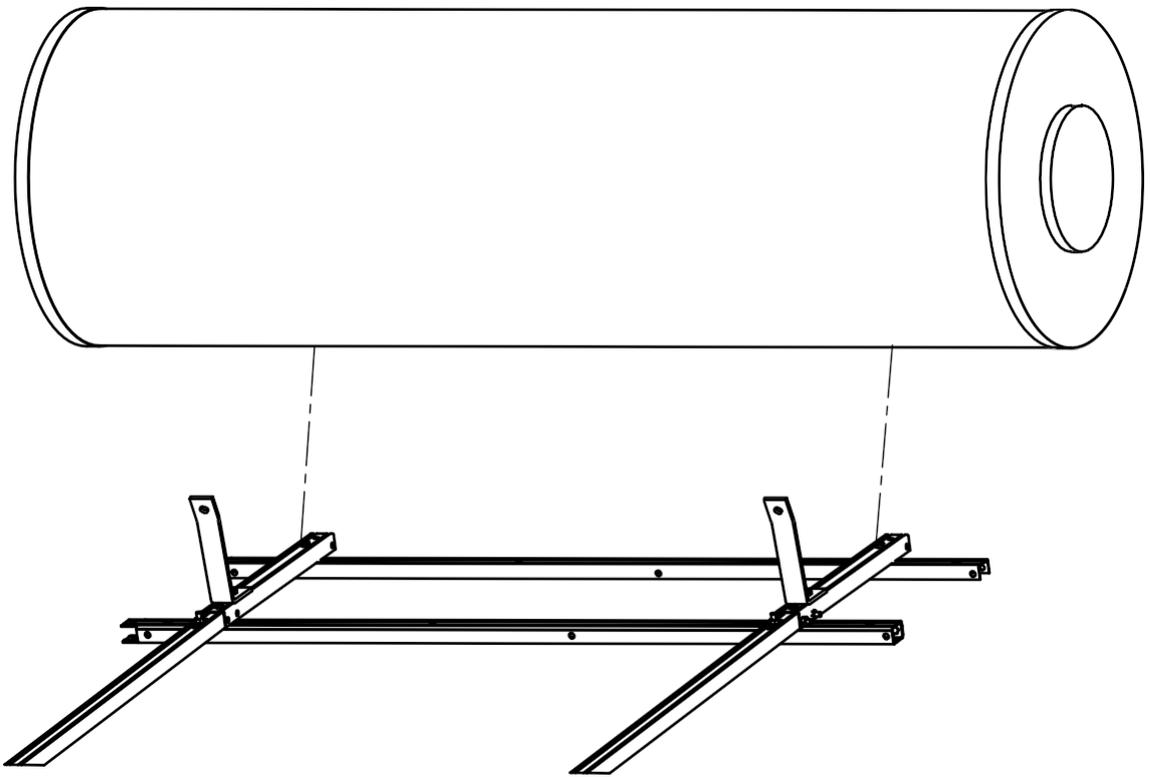
6.2



I1-2



5.2



x 10 mm
10 mm

