



FR

## DÉCLARATION DES PERFORMANCES

Conformément à l'annexe III du Règlement (UE) n° 305/2011 (Règlement sur les produits de construction) système MT, système MV-ACS, système MIQ, système MI  
N° Hilti-IS-DoP-018

**1. Code d'identification unique du produit type :** système MT, système MV-ACS, système MIQ, système MI (voir le tableau 1 « Éléments conformes Hilti EN1090-1/-2 »)

**2. Numéro de type, de lot ou de série ou tout autre élément permettant l'identification du produit de construction, conformément à l'article 11, paragraphe 4:** les numéros de type, de lot ou de série figurent sur l'emballage/le produit

**3. Usage ou usages prévus du produit de construction, conformément à la spécification technique harmonisée applicable, comme prévu par le fabricant:**

Composants structurels pour structures en acier, éléments en acier soudés et non soudés avec et sans protection contre la corrosion destinés aux travaux métallurgiques pour les familles de produits « système MT », « système MV-ACS », « système MIQ » et « système MI », tels que définis dans le document « Hilti EN1090-1 Conformed Items »

**4. Nom, raison sociale ou marque déposée et adresse de contact du fabricant, conformément à l'article 11, paragraphe 5:** Hilti Aktiengesellschaft, Feldkircherstrasse 100, 9494 Schaan, Liechtenstein

**5. Le cas échéant, nom et adresse de contact du mandataire dont le mandat couvre les tâches visées à l'article 12, paragraphe 2:** s. o.

**6. Le ou les systèmes d'évaluation et de vérification de la constance des performances du produit de construction, conformément à l'annexe V:**

Système 2+

**7. Dans le cas de la déclaration des performances concernant un produit de construction couvert par une norme harmonisée:**

gbd zert GmbH, Steinebach 13a, A-6850 Dornbirn a pris les responsabilités d'une tierce partie pour le système 2+ selon l'annexe ZA de la norme NF EN 1090-1 et a confirmé la conformité du contrôle de la production en usine en délivrant les certificats n° 2397-CPR-65/2667 et 2397-CPR-65/2584

**8. Dans le cas de la déclaration des performances concernant un produit de construction pour lequel une évaluation technique européenne a été délivrée:** s. o.

### 9. Performances déclarées

Caractéristiques essentielles	Performances déclarées	Spécification technique harmonisée
Tolérances sur les dimensions et la forme	NF EN 1090-2 D1	FR 1090-1: 2009+A1:2011
Soudabilité	Voir le tableau 1 « <u>Éléments conformes EN1090-1/-2</u> »	
Ténacité, résistance aux chocs	Voir le tableau 1 « <u>Éléments conformes EN1090-1/-2</u> »	
Capacité portante	NPD	
Déformation à l'état limite de service	NPD	
Résistance à la fatigue	NPD	
Résistance au feu	NPD	
Réaction au feu	A1 selon la norme NF EN 13501	
Rejet de cadmium et de ses composés	NPD	
Émission de radioactivité	NPD	
Durabilité	Voir le tableau 1 « <u>Éléments conformes EN1090-1/-2</u> »	

**Tableau 1 : Éléments conformes EN1090-1/2**

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
233856	MIC-TRC M12-1/2"	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
233857	MIC-TRC M16	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
233858	MIC-TRC M20-3/4"	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304798	Girder MI-90 3m	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304799	Girder MI-90 6m	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304800	Girder MI-120 3m	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304801	Girder MI-120 6m	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304805	Connector MIC-90-L	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304806	Connector MIC-U-MA	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304807	Connector MIC-T	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304808	Connector MIC-SC120	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Zinc Epoxy Primer Paint
304809	Connector MIC-90-E	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304810	Connector MIC-120-E	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304811	Connector MIC-S90-AA steel	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304824	Connector MIC-SC90	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Zinc Epoxy Primer Paint
304825	Connector MIC-C90-AA concrete	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
304881	Connector MIC-MI/MQ-X	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
305710	Connector MIC-90-L-AP	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
431681	Angle MIC-U-EL	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
431682	Fork MIC-U-EF	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2048091	MV-ACS 500	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2048092	MV-ACS 780	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2048093	MV-ACS 500 HDG	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2048094	MV-ACS 780 HDG	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2119866	Girder MIQ-90 3m	S275JR; EN10025-2 DD11 MOD; HN 555-4	S275JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2119867	Girder MIQ-90 6m	S275JR; EN10025-2 DD11 MOD; HN 555-4	S275JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2119868	Connector MIQC-90-L	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2120143	Connector MIQC-SC	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Uncoated
2120144	Connector MIQC-C90 concrete	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2120270	Connector MIQC-S90- AC steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2120271	Connector MIQC-S90- AP steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2120272	Connector MIQC-S90- BC steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2120273	Connector MIQC-S90- BP steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2123564	Connector MIQB-CD concrete	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2123565	Connector MIQB-SA steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2123566	Connector MIQB-SB steel	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2123881	Connector MIQC-90-HT set	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2134818	Connector MIQC-90-HT- V	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2134819	Connector MIQC-C90-U concrete	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2140257	Connector MIQC-90-MI	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2140258	Connector MIQC-90-MI- V	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2140259	Connector MIQC-90-E	S275JR; EN10025-2	S275JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2149279	Connector MIC-C90- EDB	S355 MC; EN 10149-2	NPD	Hot Dip Galvanized; EN ISO 1461
2149420	Connector MIC-C120- EDB	S355 MC; EN 10149-2	NPD	Hot Dip Galvanized; EN ISO 1461
2161806	Connector MIQC-C90-U- V	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2162850	MIC-PH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2165050	Connector MIC-90-LH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2172059	MV-ACS VF 780	S235JR; EN10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174661	Connector MIC-C90-DH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174662	Connector MIC-C120- DH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174663	Baseplate MIB-CDH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174664	Connector MIC-CU-MAH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174665	Connector MIC-S90-AH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174666	Connector MIC-S90-BH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2174667	Connector MIC-S90-CH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174668	Connector MIC-S120-AH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174669	Connector MIC-S120-BH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174670	Connector MIC-S120-CH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174671	Connector MIC-SA-MAH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174672	Connector MIC-SB-MAH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174673	Connector MIC-SC-MAH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174674	Baseplate MIB-SAH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174675	Baseplate MIB-SBH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174676	Baseplate MIB-SCH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2174677	Connector MIC-BA	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2179532	Connector MIC-BAH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2179533	MIC-90-UH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2179534	MIC-120-UH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2179535	MIC-C90-UH	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2193291	MIQC-PH OHG	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2193292	MIQC-90-LOHG	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203570	Bracket MIC-S120-CH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203571	Bracket MIC-S120-CH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203572	Bracket MIC-C90-DH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203573	Bracket MIC-C90-DH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203574	Bracket MIC-C90-DH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203575	Bracket MIC-C90-DH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203576	Bracket MIC-C90-DH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203577	Bracket MIC-C120-DH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203578	Bracket MIC-C120-DH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203579	Bracket MIC-C120-DH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2203580	Bracket MIC-C120-DH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203581	Bracket MIC-C120-DH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203582	Bracket MIC-S90-AH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203583	Bracket MIC-S90-AH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203584	Bracket MIC-S90-AH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203585	Bracket MIC-S90-AH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203586	Bracket MIC-S90-AH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203587	Bracket MIC-S90-BH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203588	Bracket MIC-S90-BH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203589	Bracket MIC-S90-BH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203590	Bracket MIC-S90-BH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203591	Bracket MIC-S90-BH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203592	Bracket MIC-S90-CH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203593	Bracket MIC-S90-CH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203594	Bracket MIC-S90-CH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203595	Bracket MIC-S90-CH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203596	Bracket MIC-S90-CH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203597	Bracket MIC-S120-AH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203598	Bracket MIC-S120-AH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203599	Bracket MIC-S120-AH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203600	Bracket MIC-S120-AH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203601	Bracket MIC-S120-AH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203602	Bracket MIC-S120-BH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203603	Bracket MIC-S120-BH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203604	Bracket MIC-S120-BH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203605	Bracket MIC-S120-BH-1500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203606	Bracket MIC-S120-BH-2000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2203607	Bracket MIC-S120-CH-500	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203608	Bracket MIC-S120-CH-750	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2203609	Bracket MIC-S120-CH-1000	S235JR; EN 10025-2 DD11 MOD; HN 555-4	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 1461
2268364	MT-70 S OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268365	MT-70 OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268366	MT-80 S OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268367	MT-80 OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268368	MT-90 S OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268369	MT-90 OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2431073	MT-90H S OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2430776	MT-90H OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268490	MT-100 S OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2268491	MT-100 OC	S350 GD; EN10346	NPD	ZM310 A-C; EN10346
2272064	MT-C-GS OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272066	MT-C-GL OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272068	MT-C-GS A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272069	MT-C-GL A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2430775	MT-C-GS HA OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2430759	MT-C-GL HA OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272070	MT-U-GL1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272073	MT-C-GSP L OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272074	MT-C-GSP T OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272075	MT-C-GLP T OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2430769	MT-C-GLP L A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272076	MT-ES-90 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272078	MT-ES-70 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272100	MT-B-GS T OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2272101	MT-B-GS O4U OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272103	MT-B-GL O4 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272104	MT-B-GXL O4 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272106	MT-B-GXL S1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272107	MT-B-GXL S2 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272108	MT-B-GXL S3 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272109	MT-B-G WS OC	Q355B; GB/T1591	NPD	Two component primer
2272110	MT-P-GXL S1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272116	MT-AB-G T OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273587	MT-BC-GS T OC	Strength class 8.8; EN ISO 898-1, Strength class 8; DIN 267-4, 65Mn; GB/T 699, QT400; GB/T 1348, Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273589	MT-BC-GXL T OC	Strength class 8.8; EN ISO 898-1, Strength class 8; DIN 267-4, 65Mn; GB/T 699, QT400; GB/T 1348, Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273681	MT-FA-G M10 3/8 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273682	MT-FA-G M12 1/2 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273683	MT-FA-G M16 5/8 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273684	MT-FA-G M22 7/8 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273685	MT-FA-G M24 1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273701	MT-FPS-GL OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273702	MT-FPS-GS OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2268497	MT-30 S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268498	MT-30	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268499	MT-30 S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268500	MT-30 OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268505	MT-40 S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268506	MT-40	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2268507	MT-40 S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268508	MT-40 OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268509	MT-50 S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268510	MT-50	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268511	MT-50 S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268512	MT-50 OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268513	MT-60 S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268514	MT-60	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268515	MT-60 S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268516	MT-60 OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268517	MT-40D S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268518	MT-40D	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346 or HN704
2268519	MT-40D S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2268520	MT-40D OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346 or HN704
2271287	MT-BR-40D O4 1500 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271288	MT-BR-30 300	Q235B; GB/T700 or S280 GD ; HN704 or S235JR; EN10025	NPD NPD S235JR, 27J@20°C;	Z275 M-A-C; HN704
2271289	MT-BR-30 300 OC	Q235B; GB/T700 or S280 GD ; HN704 or S235JR; EN10025	NPD NPD S235JR, 27J@20°C;	ZM310 A-C; HN704
2271440	MT-BR-30 450	Q235B; GB/T700 or S280 GD ; HN704 or S235JR; EN10025	NPD NPD S235JR, 27J@20°C;	Z275 M-A-C; HN704
2271441	MT-BR-30 450 OC	Q235B; GB/T700 or S280 GD ; HN704 or S235JR; EN10025	NPD NPD S235JR, 27J@20°C;	ZM310 A-C; HN704
2271442	MT-BR-40 300	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271443	MT-BR-40 300 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271444	MT-BR-40 450	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271445	MT-BR-40 450 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271446	MT-BR-40 1000	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271447	MT-BR-40 1000 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M



Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2271448	MT-BR-40D 600	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271449	MT-BR-40D 600 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271450	MT-BR-40D 1000	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271451	MT-BR-40 600	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2271452	MT-BR-40 600 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271453	MT-BR-40D 1000 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271455	MT-BR-40 O4 600 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271456	MT-BR-40 O4 1000 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271459	MT-BR-40D O4 600 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271461	MT-BR-40D O4 1000 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2271514	MT-C-L1	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081
2271516	MT-C-L1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2271518	MT-C-L2	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081
2271519	MT-C-L2 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272040	MT-C-T/1	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081
2272042	MT-C-T/1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272047	MT-C-LL1	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272049	MT-C-LL1 OC	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272051	MT-C-LL2	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272053	MT-C-LL2 OC	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272054	MT-C-T/2	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272055	MT-C-T/2 OC	Q235B; GB/T700 S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272056	MT-C-T A	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081
2272057	MT-C-T A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272058	MT-C-T 3D/2	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081
2272059	MT-C-T-3D/2 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272060	MT-C-T 3D/3	Q355B; GB/T1591	NPD	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2272061	MT-C-T 3D/3 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272062	MT-ES-40	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272063	MT-ES-40 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272086	MT-B-L	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272088	MT-B-L OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272090	MT-B-T	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272092	MT-B-T OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272094	MT-B-O2	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2272096	MT-B-O2 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2272098	MT-B-O4	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2272099	MT-B-O4 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2272113	MT-AB-L 45	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2272114	MT-AB-L 45 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2272115	MT-AB-LL2 45	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2273585	MT-AB-LL2 45 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273645	MT-S-H1 M10	Q355B; GB/T1591 or S355MC; EN10149	NPD	Galvanized; EN ISO 2081
2273646	MT-S-H1 M12	Q355B; GB/T1591 or S355MC; EN10149	NPD	Galvanized; EN ISO 2081
2273647	MT-S-H2 M10	Q355B; GB/T1591 or S355MC; EN10149	NPD	Galvanized; EN ISO 2081
2273648	MT-S-H2 M12	Q355B; GB/T1591 or S355MC; EN10149	NPD	Galvanized; EN ISO 2081
2273649	MT-S-L 40-50	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2273650	MT-S-L 60	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2273651	MT-S-L 40D	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2273652	MT-FA-C M16 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273686	MT-FA-C M8	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2273687	MT-FA-C M8 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273688	MT-FA-C M10	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2273689	MT-FA-C M10 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2273690	MT-FA-C M12	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2273691	MT-FA-C M12 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273692	MT-FA-C M16	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2282199	MT-S-H1 M10 OC	Q355B; GB/T1591 or S355MC; EN10149	NPD	Hot Dip Galvanized; ASTM A 153M
2282200	MT-S-H1 M12 OC	Q355B; GB/T1591 or S355MC; EN10149	NPD	Hot Dip Galvanized; ASTM A 153M
2282201	MT-S-H2 M10 OC	Q355B; GB/T1591 or S355MC; EN10149	NPD	Hot Dip Galvanized; ASTM A 153M
2282202	MT-S-H2 M12 OC	Q355B; GB/T1591 or S355MC; EN10149	NPD	Hot Dip Galvanized; ASTM A 153M
2282203	MT-S-L 40-50 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2282204	MT-S-L 60 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2282205	MT-S-L 40D OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2282212	MT-B-O2B	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2282213	MT-B-O2B OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2320180	MT-C-LDP L1 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2320181	MT C T 3D/2/HL OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2322391	MT-CC-40/50 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2322392	MT-CC-40/50X2	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322393	MT-CC-40/50X2 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322396	MT-CC-60	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322398	MT-CC-40D	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322399	MT-CC-40D OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322401	MT-CC-BC 40/50 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2322402	MT-CC-BS 40/50	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2322403	MT-CC-BS 40/50 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2322404	MT-CC-70 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322405	MT-CT-H2	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322406	MT-CT-H5	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322407	MT-CT-T	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2322408	MT-CT-H4	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2322409	MT-CT-H2 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322410	MT-CT-H5 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322411	MT-CT-T OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322412	MT-CT-H4 OC	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2322415	MT-ES-60	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322416	MT-ES-60 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322419	MT-C-LS	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322420	MT-AB-LS	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322421	MT-FTR-LS	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322422	MT-C-LS OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322423	MT-AB-LS OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322424	MT-FTR-LS OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322427	MT-CC-30	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322428	MT-CC-30D	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081
2322429	MT-CC-40/50	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2322431	MT-CC-60 OC	Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2322432	MT-CC-BC 40/50	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2328605	Connector MT-I-C T1 M12	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2328606	Connector MT-I-C T2 M12	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2328607	Connector MT-I-C T3 M12	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2328608	Basic part MT-I-C E 40/50	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2328920	Connector MT-I-C T1 M12 OC	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2328921	Connector MT-I-C T2 M12 OC	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2328922	Connector MT-I-C T3 M12 OC	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2328923	Basic part MT-I-C E 40/50 OC	S235JR; EN10025 DD11 MOD; HN 547	S235JR, 27J@20°C; DD11 MOD, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2332781	MT-B-G AS OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2332783	MT-C-GLP X A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2332784	MT-C-GLP T A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2332785	MT-C-GSP T A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2332786	MT-C-GSP L A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2332787	MT-B-GS AB OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2332789	MT-CTR-GS M12 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 12/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332790	MT-CTR-GS M16 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 16/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332791	MT-CTR-GS 1/2 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 12/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332792	MT-CTR-GS 5/8 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 16/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332793	MT-CTR-GL M12 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 12/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332794	MT-CTR-GL 1/2 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 12/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332795	MT-CTR-GL 5/8 OC	U-shape steel plate: Q355B; GB/T 1591 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 16/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M
2332796	MT-CTR-GL M16 OC	U-shape steel plate: Q355B; GB/T 1591	NPD NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
		Hexagonal Nut: Strength class 8; ISO898-2 Washer: 16/40; ISO 7089 Plate: Q235B; GB/T 700	NPD NPD	
2343196	MT-C-PS 5/8 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343197	MT-C-PS 7/8 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343198	MT-C-PS 1-1/4 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343199	MT-P-G S1 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343280	MT-P-G S2 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343281	MT-P-G S3 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2343282	MT-B-GL O4C OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2345353	MT-P-GM S1 OC set	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2345354	MT-P-GM S2 OC set	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2345355	MT-P-GM S3 OC set	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2346395	MT-AB A set	Q235B; GB/T700 or S235JR; HN 596	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2346396	MT-AB A OC set	Q235B; GB/T700 or S235JR; HN 596	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2353779	MT-CC-40/50 C OC	Q235B; GB/T700	NPD	Hot Dip Galvanized; ASTM A 153M
2353800	MT-CC-40/50 M OC	Q235B; GB/T700	NPD	Hot Dip Galvanized; ASTM A 153M
2353801	MT-PCC-G M8/M10 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353802	MT-B-GL EDB OC set (MT-B-GL EDB A OC MT-B-GL EDB OC)	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353803	MT-B-GL EDB A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353804	MT-B-GS EDB OC set (MT-B-GS EDB A OC MT-B-GS EDB OC)	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353805	MT-B-GS EDB A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353806	MT-BRL-EDB M12	Q355B; GB/T1591 Strength class 8.8; EN ISO 898-1	NPD	Galvanized; EN ISO 2081
2353807	MT-BRL-EDB M16	Q355B; GB/T1591 Strength class 8.8; EN ISO 898-1	NPD	Galvanized; EN ISO 2081
2353808	MT-BRS-EDB M12	Q355B; GB/T1591 Strength class 8.8; EN ISO 898-1	NPD	Galvanized; EN ISO 2081
2353809	MT-BRS-EDB M16	Q355B; GB/T1591 Strength class 8.8; EN ISO 898-1	NPD	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2353810	MT-B-EDB A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2353811	MT-B GL AB OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2354155	MT-PCC-G M16 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2354564	MT-PCC-G M12 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2358236	MT-B-O2B 60D	S355JR; EN10025	S355JR, 27J@20°C	Galvanized; EN ISO 2081
2358237	MT-B-O2B 60D OC	S355JR; EN10025	S355JR, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2362706	MT-30D	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362707	MT-30D OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346
2362708	MT-30D S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362709	MT-30D S OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346
2362800	MT-60D	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362801	MT-60D OC	S280 GD; EN10346 or HN704	NPD	ZM310 A-C; EN10346
2362802	MT-60D S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362803	MT-50D	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362804	MT-50D S	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362807	MT-50D U	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2362808	MT-50 U	S280 GD; EN10346 or HN704	NPD	Z275 M-A-C; EN10346
2399637	MT-C-LL1 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399638	MT-C-Q1 FL	DD11 MOD; HN 555-4	DD11 MOD, 27J@20°C	Galvanized; EN ISO 2081
2399639	MT-B-T FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399660	MT-B-O2 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399661	MT-C-LL2 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399662	MT-S-H1 FL M10	Q355B; GB/T1591 or S355MC; EN 10149	NPD	Galvanized; EN ISO 2081
2399663	MT-S-H1 FL M12	Q355B; GB/T1591 or S355MC; EN 10149	NPD	Galvanized; EN ISO 2081
2399664	MT-S-L FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399665	MT-B-L FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399666	MT-C-L2E FL	S235JR; EN10025	S235JR, 27J@20°C	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
2399667	MT-CC-40/50 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399668	MT-C-T/2 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399669	MT-ES-40 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081
2399672	MT-C-LL1 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399673	MT-C-Q1 FL OC	DD11 MOD; HN 555-4	DD11 MOD, 27J@20°C	Hot Dip Galvanized; EN ISO 19598
2399674	MT-B-T FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399675	MT-B-O2 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399676	MT-C-LL2 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399677	MT-B-L FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399678	MT-C-L2E FL OC	S235JR; EN10025	S235JR, 27J@20°C	Hot Dip Galvanized; ASTM A 153M
2399679	MT-CC-40/50 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399680	MT-C-T/2 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M
2399681	MT-ES-40 FL OC	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Hot Dip Galvanized; ASTM A 153M

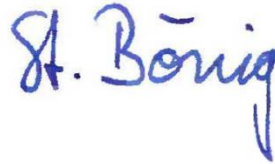


**10. Les performances du produit identifié aux points 1 et 2 sont conformes aux performances déclarées indiquées au point 9. La présente déclaration des performances est établie sous la seule responsabilité du fabricant identifié au point 4.**

Signé pour le fabricant et en son nom par:



Team Lead Code and Approval  
Business Unit Installation Systems  
Hilti Corporation, Schaan, FL, 19.12.2024



Head of Quality  
Business Unit Installation Systems  
Hilti Corporation, Schaan, FL, 19.12.2024