



FI

## SUORITUSTASOILMOITUS

Euroopan parlamentin ja neuvoston asetuksen (EU) Nro 305/2011 liitteen III mukaisesti (Rakennustuoteasetus)  
MT-järjestelmä, MV-ACS-järjestelmä, MIQ-järjestelmä, MI-järjestelmä  
Nro Hilti-IS-DoP-018

**1. Tuotetyypin yksilöllinen tunnistus:** MT-järjestelmä, MV-ACS-järjestelmä, MIQ-järjestelmä, MI-järjestelmä (katso taulukko 1 "Hilti EN1090-1/-2 Vaatimustenmukaiset tuotteet")

**2. Tyyppi-, erä- tai sarjanumero tai muu merkintä, jonka ansiosta rakennustuotteet voidaan tunnistaa, kuten 11 artiklan 4 kohdassa edellytetään:** katso tyyppi-, erä- ja sarjanumero pakkauksesta/tuotteesta

**3. Valmistajan ennakoima, sovellettavan yhdenmukaistetun teknisen eritelmän mukainen rakennustuotteen aiottu käyttötarkoitus tai -tarkoitukset:**

Rakennekomponentit teräsrakenteisiin, hitsattuihin ja hitsaamattomiin teräselementteihin korroosiosuojalla tai sitä ilman tuotevalikoimien "MT-järjestelmä", "MV-ACS-järjestelmä", "MIQ-järjestelmä" ja "MI-järjestelmä" teräsrakenteisiin asiakirjan "Hilti EN1090 -1/-2 Vaatimustenmukaiset tuotteet" mukaisesti

**4. Valmistajan nimi, rekisteröity kauppanimi tai rekisteröity tavaramerkki ja yhteysosoite kuten 11 artiklan 5 kohdassa edellytetään:** Hilti Aktiengesellschaft, Feldkircherstrasse 100, 9494 Schaan, Liechtenstein

**5. Mahdollisen valtuutetun edustajan, jonka toimeksiantoon kuuluvat 12 artiklan 2 kohdassa eritellyt tehtävät, nimi sekä osoite, josta tähän saa yhteyden:** n/a

**6. Rakennustuotteen suoritustason pysyvyyden arviointi- ja tarkistusjärjestelmä(t) liitteen V mukaisesti:**  
Järjestelmä 2+

**7. Jos suoritustasoilmoitus koskee rakennustuotetta, joka kuuluu yhdenmukaistetun standardin piiriin:**

gbd zert GmbH, Steinebach 13a, A-6850 Dornbirn ottaa kolmannen osapuolen vastuun System 2+ -järjestelmästä standardin EN 1090-1 liitteen ZA mukaisesti ja on vahvistanut tuotantovalvonnan vaatimustenmukaisuuden todistuksilla nro 2397-CPR-65/2667 ja nro 2397-CPR-65/2584

**8. Kun kyse on suoritustasoilmoituksesta, joka koskee rakennustuotetta, josta on annettu eurooppalainen tekninen arviointi:** n/a

### 9. Ilmoitetut suoritustasot

Keskeiset ominaisuudet	Ilmoitetut suoritustasot	Harmonisoidut tekniset tiedot
Mittoja ja muotoa koskevat toleranssit	EN 1090-2 D1	EN 1090-1:2009+A1: 2011
Hitsattavuus	Katso taulukko 1 " <u>EN1090-1/-2 Vaatimustenmukaiset tuotteet</u> "	
Murtolujuus, iskunkestävyys	Katso taulukko 1 " <u>EN1090-1/-2 Vaatimustenmukaiset tuotteet</u> "	
Kuormituskapasiteetti	NPD	
Muodonmuutos käyttörajatilaan	NPD	
Väsymislujuus	NPD	
Palonkestävyys	NPD	
Reaktio paloon	A1 standardin EN 13501 mukaisesti	
Kadmiumin ja sen yhdisteiden päästöt	NPD	
Radioaktiiviset päästöt	NPD	
Kestävyys	Katso taulukko 1 " <u>EN1090-1/-2 Vaatimustenmukaiset tuotteet</u> "	

**Taulukko 1: EN1090-1/-2 Vaatimustenmukaisten tuotteiden luettelo**

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
2174667	Connector MIC-S90-CH	S235JR; EN 10025-2	S235JR, 27J@20°C	Hot Dip Galvanized; EN ISO 1461

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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
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

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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
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

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
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	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272066	MT-C-GL OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272068	MT-C-GS A OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272069	MT-C-GL A OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272070	MT-U-GL1 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272073	MT-C-GSP L OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272074	MT-C-GSP T OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272075	MT-C-GLP T OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272076	MT-ES-90 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272078	MT-ES-70 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272100	MT-B-GS T OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272101	MT-B-GS O4U OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272103	MT-B-GL O4 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272104	MT-B-GXL O4 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272106	MT-B-GXL S1 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272107	MT-B-GXL S2 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272108	MT-B-GXL S3 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272109	MT-B-G WS OC	Steel Q355B; GB/T1591	NPD	Two component primer
2272110	MT-P-GXL S1 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2272116	MT-AB-G T OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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, Steel 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, Steel Q235B; GB/T 700	NPD	Hot Dip Galvanized; ASTM A 153M
2273681	MT-FA-G M10 3/8 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273682	MT-FA-G M12 1/2 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273683	MT-FA-G M16 5/8 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273684	MT-FA-G M22 7/8 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273685	MT-FA-G M24 1 OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273701	MT-FPS-GL OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M
2273702	MT-FPS-GS OC	Steel Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

**10. Edellä 1 ja 2 kohdassa yksilöidyn tuotteen suoritustasot ovat 9 kohdassa ilmoitettujen suoritustasojen mukaiset. Tämä suoritustasoilmoitus on annettu 4 kohdassa ilmoitetun valmistajan yksinomaisella vastuulla.**

Valmistajan puolesta allekirjoittanut:

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

Code and Approval Expert  
Business Unit Installation Systems  
Hilti Corporation, Schaan, FL