



PT

## DECLARAÇÃO DE DESEMPENHO

De acordo com o Anexo III do Regulamento (UE) n.º 305/2011 (Regulamento dos Produtos de Construção), Sistema MT, Sistema MV-ACS, Sistema MIQ, Sistema MI  
N.º Hilti-IS-DoP-018

**1. Código de identificação único do produto-tipo:** Sistema MT, Sistema MV-ACS, Sistema MIQ, Sistema MI (ver tabela 1 "Artigos conformes Hilti EN1090-1/-2")

**2. Número do tipo, do lote ou da série, ou quaisquer outros elementos que permitam a identificação do produto de construção, nos termos do n.º 4 do artigo 11º:** consultar tipo, número de lote ou de série exibido na embalagem/no produto

**3. Utilização ou utilizações previstas do produto de construção, de acordo com a especificação técnica harmonizada aplicável, tal como previsto pelo fabricante:**

Componentes estruturais para estruturas de aço, elementos de aço soldado e não soldados, com e sem proteção contra corrosão para trabalhos de proteção contra produtos "Sistema MT", "Sistema MV-ACS", "Sistema MIQ", "Sistema MI" conforme definido no documento "Hilti EN1090 -1/-2 Artigos conformes"

**4. Nome, designação comercial ou marca comercial registada e endereço de contacto do fabricante, nos termos do n.º 5 do artigo 11º:** Hilti Aktiengesellschaft, Feldkircherstrasse 100, 9494 Schaan, Liechtenstein

**5. Se aplicável, nome e endereço de contacto do mandatário cujo mandato abrange os actos especificados no n.º 2 do artigo 12º:** n/a

**6. Sistema ou sistemas de avaliação e verificação da regularidade do desempenho do produto de construção tal como previsto no anexo V:**

Sistema 2+

**7. No caso de uma declaração de desempenho relativa a um produto de construção abrangido por uma norma harmonizada:**

gbd zart GmbH, Steinebach 13a, A-6850 Dornbirn assume as responsabilidades de terceiros para o Sistema 2+ de acordo com o Anexo ZA da EN 1090-1 e confirma a conformidade do controlo de produção da fábrica com a emissão dos Certificados Número 2397-CPR-65/2667 e Número 2397-CPR-65/2584

**8. No caso de uma declaração de desempenho relativa a um produto de construção para o qual tenha sido emitida uma Avaliação Técnica Europeia:** n/a

### 9. Desempenho declarado

Características essenciais	Desempenho declarado	Especificação técnica harmonizada
Tolerâncias sobre as dimensões e a forma	EN 1090-2 D1	EN 1090-1:2009+A1:2011
Soldabilidade	Consulte a tabela 1 "EN1090-1/-2 artigos conformes"	
Resiliência à fratura, Resistência ao impacto	Consulte a tabela 1 "EN1090-1/-2 artigos conformes"	
Capacidade de sustentação de carga	NPD	
Deformação no estado limite de utilização	NPD	
Resistência à fadiga	NPD	
Resistência ao fogo	NPD	
Reação ao fogo	A1 de acordo com a EN 13501	
Libertação de cádmio e respetivos compostos	NPD	
Emissão de radioatividade	NPD	
Durabilidade	Consulte a tabela 1 "EN1090-1/-2 artigos conformes"	

**Tabela 1: EN1090-1/-2 Lista de itens conformes**

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
2271448	MT-BR-40D 600	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081



Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
2272061	MT-C-T 3D/3 OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
2273690	MT-FA-C M12	Q235B; GB/T 700	NPD	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
2322408	MT-CT-H4	Q235B; GB/T700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
2332783	MT-C-GLP X A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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 Hexagonal Nut: Strength class 8; ISO898-2 Washer: 16/40; ISO 7089	NPD NPD NPD NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
		Plate: Q235B; GB/T 700		
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
2353810	MT-B-EDB A OC	Q355B; GB/T1591	NPD	Hot Dip Galvanized; ASTM A 153M

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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
2399667	MT-CC-40/50 FL	Q235B; GB/T 700 or S235JR; EN10025	NPD S235JR, 27J@20°C;	Galvanized; EN ISO 2081

Item Number	Description	Weldability	Fracture toughness / Impact resistance	Durability
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

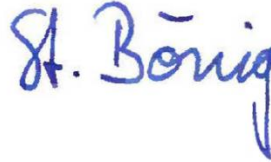


**10. O desempenho do produto identificado nos pontos 1 e 2 é conforme com o desempenho declarado no ponto 9. A presente declaração de desempenho é emitida sob a exclusiva responsabilidade do fabricante identificado no ponto 4.**

Assinado por e em nome do fabricante por:



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



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