PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER SHE	EET	REVISION	FORMAT

SIDE VIEW

DETAILS VIEW

RII	F M	ΔTF	RIAL
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				1		HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	·
1	369685	Channel End Cap MQZ-E41	1			
2	370597	Bracket MQK-41/3/600	1			
3.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm		HILTI X-BT-MF M10/W10
3.1	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	THEIR X BT WIT WITO, WTO
3.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	
3.2	2083620	(FRP Flange Included)		0.08" ≤ t ≤ 0.39"		
3.3	2140740/	S-BT MR M10/W10/10 SN 6	2	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
3.3	2140741	(A4 SS Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"		HILTI S-BT-MR/MF M10/W10
0.4	2140528/	S-BT MF M10/W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	
3.4	2139173	(FRP Flange Included)	_	1/16" ≤ t ≤ 0.59"		
	2122460	X-ST-GR M8/10 P8 Flat			0 - 1 - 40	
3.5	2184481	Washer 10,5x20x2 ISO 7089	2	1 - 10 11111	9 ≤ d ≤ 18mm	HILTI X-ST-GR M8
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
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PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

BILL	OF MATER	RIAL <u>SIDE VIEW</u>			<u>DE</u>	TAILS VIEW
Item	Part Number	Description	Qty	t	d	HILTI X-BT-MR M10/W10
1	369685	Channel End Cap MQZ-E41	1			
2	370597	Bracket MQK-41/3/600	1			
3	369597	I-Channel MQ-41/3 6m	1			
4	369649	Rail Support MQP-45	1			LULTI V DT ME M10 (W10
5	2184850	Push Button MQN	6			HILTI X-BT-MF M10/W10
6	369649	8-Hole Angle MQW-8/45	1			
7.1	2194340/	X-BT MR M10/W10/15 SN 8	3	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)	3	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
7.2	2083549/	X-BT MF M10/W10/10 SN 4	3	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)	3	0.08" ≤ t ≤ 0.39"	.,_ = = = = = .	
7.3	2140740/	S-BT MR M10/W10/10 SN 6	3	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)	3	1/16" ≤ t ≤ 0.59"	(use washer	
7.4		S-BT MF M10/W10/10 AN 6	3	1.6 ≤ t ≤ 15 mm	with flange nut)	LIII TI V CT OD MO
	2139173	(FRP Flange Nut Included)	3	1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
7.5	2122460	X-ST-GR M8/10 P8	3	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089	3	t ≤ 0.39"	0.35 " $\leq d \leq 0.39$ "	
	52460	Hexagon Nut M8 A4-70	3	t = 0.00	0.00 = 4 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER SHE	EET	REVISION	FORMAT

FRONT VIEW

DETAILS VIEW

BILL OF MATERIAL

						HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	,
1	369685	Channel End Cap MQZ-E41	2			
2	369591	I-Channel MQ-41 3m	1			
3.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm		HILTI X-BT-MF M10/W10
3.1	2194341	(A4 SS Flange Nut Included)	_	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	THEIR X BT WIT WITO, WITO
3.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	
3.2	2083620	(FRP Flange Nut Included)	_	0.08" ≤ t ≤ 0.39"		
3.3	2140740/	S-BT MR M10/W10/10 SN 6	_	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
3.3	2140741	(A4 SS Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"		HILTI S-BT-MR/MF M10/W10
2.4	2140528/	S-BT MF W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	
3.4	2139173	(FRP Flange Nut Included)	_	1/16" ≤ t ≤ 0.59"		
	2122460	X-ST-GR M8/10 P8		1 1 10	0 - 1 - 40	
3.5	2184481	Washer 10,5x20x2 ISO 7089	2		9 ≤ d ≤ 18mm	HILTI X-ST-GR M8
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
	1	1				

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER SHE	EET	REVISION	FORMAT

FRONT VIEW

DETAILS VIEW

BILL OF MATERIAL

	1		_		T -	HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	,
1	369685	Channel End Cap MQZ-E41	2			
2	369591	I-Channel MQ-41 3m	1			
3.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm		HILTI X-BT-MF M10/W10
3.1	2194341	(A4 SS Flange Nut Included)	_	$0.08" \le t \le 0.59"$	13 ≤ d ≤ 18mm	
3.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	
3.2	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
3.3	2140740/	S-BT MR M10/W10/10 SN 6	2	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
3.3	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	HILTI S-BT-MR/MF M10/W10
3.4	2140528/	S-BT MF W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	
3.4	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		
	2122460	X-ST-GR M8/10 P8		1 1 10	0 - 1 - 40	
3.5	2184481	Washer 10,5x20x2 ISO 7089	2		9 ≤ d ≤ 18mm	HILTI X-ST-GR M8
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.35 " \leq d \leq 0.39 "	
		1				1

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

		<u>FRONT VIEW</u>	<u>DE</u>	TAILS VIEW		
BILL	. OF MATER	RIAL				HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	
1	369685	Channel End Cap MQZ-E41	2			
2	369591	I-Channel MQ-41/3 6m	1			
3	369611	Bracket MQK-41/600	1			LULTI V DT ME M10 /W10
4	369640	Channel TIE MQV-3/2 D	1			HILTI X-BT-MF M10/W10
5	2184850	Push Button MQN	4			
6.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm	13 ≤ d ≤ 18mm	
	2194341	(A4 SS Flange Nut included)	2	$0.08" \le t \le 0.59"$	$1/2" \le d \le 1011111$ $1/2" \le d \le 3/4"$	
6.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	1/2 3 U 3 3/4	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut included)	2	$0.08" \le t \le 0.39"$	18 < d ≤ 22mm	
6.3	2140740/	S-BT MR M10/W10/10 SN 6	2	1.6 ≤ t ≤ 15 mm	(use washer	
	2140741	(A4 SS Flange Nut included)	2	1/16" ≤ t ≤ 0.59"	with flange nut)	
6.4		S-BT MF M10/W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with hange nut)	LILLTLY CT OD MO
	2139173	(FRP Flange Nut included)	2	1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
6.5	2122460	X-ST-GR M8/10 P8	2	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Flat Washer 10,5/20x5x20x2	2	t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
	52460	Hexagon Nut M8 A4-70	2	1 = 0.00	0.00 = 0 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

		FRONT VIEW	<u>DE</u>	TAILS VIEW		
BILL	OF MATER	RIAL				HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	
1	369685	Channel End Cap MQZ-E41	2			
2	369591	I-Channel MQ-41/3 6m	1			
3	369611	Bracket MQK-41/600	1			LULTL V DT ME MAO (WAO
4	369640	Channel TIE MQV-3/2 D	1			HILTI X-BT-MF M10/W10
5	2184850	Push Button MQN	4			
6.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)	2	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
6.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)	2	$0.08" \le t \le 0.39"$		
6.3	2140740/	S-BT MR M10/W10/10 SN 6	2	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"	(use washer	
6.4		S-BT MF M10/W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	LILLTLY CT OD MO
	2139173	(FRP Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
6.5	2122460	X-ST-GR M8/10 P8	2	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089	2	t ≤ 0.39"	0.35 " $\leq d \leq 0.39$ "	
	52460	Hexagon Nut M8 A4-70	2	1 = 0.00	0.00 = 0 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

BILL	BILL OF MATERIAL <u>FRONT VIEW</u> <u>DETAILS VIEW</u>									
						HILTI X-BT-MR M10/W10				
Item	Part Number	Description	Qty	t	d					
1	369685	Channel End Cap MQZ-E41	2							
2	369612	Bracket MQK-41/3/1000	2							
3	369591	I-Channel MQ-41/3 6m	1			LIUTI V DT ME M10/W10				
4	369658	4-Hole Angle MQW-4	2			HILTI X-BT-MF M10/W10				
5	2194850	Push Button MQN	4							
6.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm	13 ≤ d ≤ 18mm					
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	$1/2$ " $\leq d \leq 1/11111$					
6.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2 SUS 3/4	HILTI S-BT-MR/MF M10/W10				
	2083620	(FRP Flange Nut Included)		$0.08" \le t \le 0.39"$	18 < d ≤ 22mm					
6.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm						
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer					
6.4	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	LIII TI V OT OD MO				
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8				
6.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm					
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " \leq d \leq 0.39"					
	52460	Hexagon Nut M8 A4-70		1 = 0.00	0.00 = u = 0.09					

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

	FRONT VIEW DETAILS VIEW									
BILL	OF MATER	RIAL				HILTI X-BT-MR M10/W10				
Item	Part Number	Description	Qty	t	d					
1	369685	Channel End Cap MQZ-E41	2							
2	369612	Bracket MQK-41/3/1000	2							
3	369591	I-Channel MQ-41 3m	1			LULTI V DT ME MAG (WAG				
4	369658	4-Hole Angle MQW-4	2			HILTI X-BT-MF M10/W10				
5	2194850	Push Button MQN	4							
6.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm						
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm					
6.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10				
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"						
6.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm					
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer					
6.4	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)					
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"	,	HILTI X-ST-GR M8				
6.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm					
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " \leq d \leq 0.39"					
	52460	Hexagon Nut M8 A4-70		t = 0.00	0.33 ± u ≤ 0.39					

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

		<u>FRONT VIEW</u>			DE	TAILS VIEW
BILL	OF MATE	RIAL				HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	
1	369685	Channel End Cap MQZ-E41	1			
2	369591	I-Channel MQ-41/3 6m	1			
3	369611	Bracket MQK-41/600	1			LILLE V DT ME MAO (WAO
4	369658	Angle Bracket MQW-S/2	1			HILTI X-BT-MF M10/W10
5	2184850	Push Button MQN	4			
6.1	2194340/	X-BT MR M10/W10/15 SN 8	2	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)	2	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
6.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)	2	$0.08" \le t \le 0.39"$		
6.3	2140740/	S-BT MR M10/W10/10 SN 6	2	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"	(use washer	
6.4	2140528/	S-BT MF M10/W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	LIII TI V CT OD MO
	2139173	(FRP Flange Nut Included)	2	1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
6.5	2122460	X-ST-GR M8/10 P8	2	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089	2	t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
	52460	Hexagon Nut M8 A4-70	2	1 = 0.00	0.00 = 4 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

		FRONT VIEW	<u>DE</u>	TAILS VIEW		
BILL	OF MATER	RIAL				HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	
1	369685	Channel End Cap MQZ-E41	2			
2	369609	Bracket MQK-41/3/300	2			
3	369591	I-Channel MQ-41/3 6m	1			LIHTLY DT ME M10 (W10
4		4-Hole Angle MQW-4	2			HILTI X-BT-MF M10/W10
5	2194850	Push Button MQN	4			
6.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
6.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
6.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
6.4		S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	LILLTL V CT OD MO
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
6.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35" ≤ d ≤ 0.39"	
	52460	Hexagon Nut M8 A4-70		t = 0.00	0.00 = 4 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

FRONT VIEW

DETAILS VIEW

BILL OF MATERIAL

						HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	THEIL X BT WIN WITO, WITO
1.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm		
1.1	2194341	(A4 SS Flange Nut Included)	7	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
1.2	2083549/	X-BT MF M10/W10/10 SN 4	4		1/2" ≤ d ≤ 3/4"	HILTI X-BT-MF M10/W10
1.2	2083620	(FRP Flange Included)		$0.08" \le t \le 0.39"$		THEIR X BT WIT WITO, WITO
1.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
1.3	2140741	(A4 SS Flange Nut Included)	4		(use washer	
1 1	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	
1.4	2139173	(FRP Flange Nut Included)	7	1/16" ≤ t ≤ 0.59"	, ,	HILTI S-BT-MR/MF M10/W10
	2122460	X-ST-GR M8/10 P8 Flat		1.440	9 ≤ d ≤ 18mm	
1.5	2184481	Washer 10,5x20x2 ISO 7089	4	t ≤ 10 mm		
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
	1	1		1		HILTI X-ST-GR M8

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

FRONT VIEW SIDE VIEW DETAILS VIEW

BILL OF MATERIAL

						HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	,
1.1	2194340/	X-BT MR M10/W10/15 SN 8		2 ≤ t ≤ 15 mm		
''	2194341	(A4 SS Flange Nut Included)	_	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
1.2	2083549/	X-BT MF M10/W10/10 SN 4	2	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI X-BT-MF M10/W10
1.2	2083620	(FRP Flange Nut Included)	_	0.08" ≤ t ≤ 0.39"		THEIT X-BT-WI WITO, WITO
1.3	2140740/	S-BT MR M10/W10/10 SN 6	_	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
1.3	2140741	(A4 SS Flange Nut Included)				
1.4	2140528/	S-BT MF M10/W10/10 AN 6	2	1.6 ≤ t ≤ 15 mm	with flange nut)	
1.4	2139173	(FRP Flange Nut Included)	_	1/16" ≤ t ≤ 0.59"	,	HILTI S-BT-MR/MF M10/W10
	2122460	X-ST-GR M8/10 P8 Flat		1 4 40	9 ≤ d ≤ 18mm	
1.5	2184481	Washer 10,5x20x2 ISO 7089	2	t ≤ 10 mm	0.35 " \leq d \leq 0.39"	
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.33 ± u ± 0.39	
	1	1		1	1	HILTI X-ST-GR M8

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER SHE	EET	REVISION	FORMAT

SIDE VIEW

DETAILS VIEW

BILL OF MATERIAL

_						HILTI X-BT-MR M10/W10
Item	Part Number	Description	Qty	t	d	,
1	432077	Girder End Cap MIA-EC90	1			
2	267790	Bracket MIC-C90-D-750	1			
3.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm		HILTI X-BT-MF M10/W10
3.1	2194341	(A4 SS Flange Nut Included)	7	0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	THEIR X BT WIT WITO, WTO
3.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	
3.2	2083620	(FRP Flange Included)	4	0.08" ≤ t ≤ 0.39"	.,	
3.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
ა.ა	2140741	(A4 SS Flange Nut Included)	4	1/16" ≤ t ≤ 0.59"	(use washer	HILTI S-BT-MR/MF M10/W10
3.4	2140528/	S-BT MF M10/W10/10 AN 6	1	1.6 ≤ t ≤ 15 mm	with flange nut)	
3.4	2139173	(FRP Flange Included)	7	1/16" ≤ t ≤ 0.59"	,	
	2122460	X-ST-GR M8/10 P8 Flat			0 < d < 10	
3.5	2184481	Washer 10,5x20x2 ISO 7089	4	t ≤ 10 mm	9 ≤ d ≤ 18mm	HILTI X-ST-GR M8
	52460	Hexagon Nut M8 A4-70		t ≤ 0.39"	0.35 " \leq d \leq 0.39 "	
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PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

BILL	. OF MATER	RIAL <u>SIDE VIEW</u>			<u>DE</u>	TAILS VIEW
Item	Part Number	Description	Qty	t	d	HILTI X-BT-MR M10/W10
1	432077	Girder End Cap MIA-EC90	1			
2	267790	Bracket MIC-C90-D-750	1			
3	304799	Girder MI-90 6m	1			
4	304828	Connector MIC-U-MA	1			LULTI V DT ME M10 (W10
5	304806	Connector MIC-CU-MA	1			HILTI X-BT-MF M10/W10
		Concrete				
6.1	2194340/	X-BT MR M10/W10/15 SN 8	6	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
6.2	2083549/	X-BT MF M10/W10/10 SN 4	6	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
6.3	2140740/	S-BT MR M10/W10/10 SN 6	6	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
6.4	2140528/	S-BT MF M10/W10/10 AN 6	6	1.6 ≤ t ≤ 15 mm	with flange nut)	
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
6.5	2122460	X-ST-GR M8/10 P8	6	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " \leq d \leq 0.39"	
	52460	Hexagon Nut M8 A4-70		1 = 0.00	0.00 = 0 = 0.09	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

FRONT VIEW DETAILS VIEW

HILTI X-BT-MR M10/W10

BILL OF MATERIAL

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Item	Part Number	Description	Qty	t	d	
1	432077	Girder End Cap MIA-EC90	2			
2	267790	Bracket MIC-C90-D-750	1			LULTE V DT ME M10 /W10
3	304799	Girder MI-90 6m	1			HILTI X-BT-MF M10/W10
4	2179533	Connector MIC-90-L	1			
5.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
5.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
5.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
5.4	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
5.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " $\leq d \leq 0.39$ "	
	52460	Hexagon Nut M8 A4-70		1 = 0.00	0.00 = 0 = 0.09	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE	SCALE	
PROJECT		DRAWING NUMBER SHEET	REVISION	FORMAT

FRONT VIEW DETAILS VIEW

HILTI X-BT-MR M10/W10

RILL OF MATERIAL

BILL	_ OF MAIL	RIAL				
Item	Part Number	Description	Qty	t	d	
1	432077	Girder End Cap MIA-EC90	2			
2	267791	Bracket MIC-C90-D-1000	2			LILLE V DT ME M10/W10
3	304799	Girder MI-90 6m	1			HILTI X-BT-MF M10/W10
4	2179533	Connector MIC-90-UH	2			
5.1	2194340/	X-BT MR M10/W10/15 SN 8	8	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"		
5.2	2083549/	X-BT MF M10/W10/10 SN 4	8	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
5.3	2140740/	S-BT MR M10/W10/10 SN 6	8	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
5.4	2140528/	S-BT MF M10/W10/10 AN 6	8	1.6 ≤ t ≤ 15 mm	with flange nut)	LILLTLY CT OD MO
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
5.5	2122460	X-ST-GR M8/10 P8	8	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		t = 10	0.35 " $\leq d \leq 0.39$ "	
	52460	Hexagon Nut M8 A4-70		1 = 0.00	3.33 = 3 = 0.00	

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

FRONT VIEW DETAILS VIEW

HILTI X-BT-MR M10/W10

BILL OF MATERIAL

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Item	Part Number	Description	Qty	t	d	
1	432077	Girder End Cap MIA-EC90	2			
2	267791	Bracket MIC-C90-D-1000	2			HILTI X-BT-MF M10/W10
3	304799	Girder MI-90 6m	1			HILIT X-BI-MF MITO/WITO
4	2179533	Connector MIC-90-UH	2			
5.1	2194340/	X-BT MR M10/W10/15 SN 8	8	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"		
5.2	2083549/	X-BT MF M10/W10/10 SN 4	8	2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	HILTI S-BT-MR/MF M10/W10
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"		
5.3	2140740/	S-BT MR M10/W10/10 SN 6	8	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
5.4	2140528/	S-BT MF M10/W10/10 AN 6	8	1.6 ≤ t ≤ 15 mm	with flange nut)	
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8
5.5	2122460	X-ST-GR M8/10 P8	8	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " $\leq d \leq 0.39$ "	
	52460	Hexagon Nut M8 A4-70		t = 0.00	0.00 = 4 = 0.00	
		<u> </u>				

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE	SCALE	
PROJECT		DRAWING NUMBER SHEET	REVISION	FORMAT

FRONT VIEW DETAILS VIEW

BILL OF MATERIAL

Item	Part Number Description		Qty	t	d	
1	432077	Girder End Cap MIA-EC90				
2	304799	Girder MI-90 6m				
3	267791	Bracket MIC-C90-D-1000				
4	304805	Connector MIC-90-L	1			
5.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm		
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"	13 ≤ d ≤ 18mm	
5.2	2083549/	X-BT MF M10/W10/10 SN 4		2 ≤ t ≤ 10 mm	$1/2" \le d \le 3/4"$	
	2083620	(FRP Flange Nut Included)		$0.08" \le t \le 0.39"$		
5.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm	
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"	(use washer	
5.4	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		
5.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm	
	2184481	Washer 10,5x20x2 ISO 7089		-	0.35 " \leq d \leq 0.39"	
	52460	Hexagon Nut M8 A4-70		1 = 0.00	0.00 = 4 = 0.00	

HILTI X-BT-MF M10/W10

HILTI X-BT-MR M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

PMO GLOBAL & SEA	CLIENT	DRAWING TITLE		SCALE	
PROJECT		DRAWING NUMBER	SHEET	REVISION	FORMAT

FRONT VIEW DETAILS VIEW

HILTI X-BT-MR M10/W10

BILL OF MATERIAL

BILL OF MATERIAL								
Item	Part Number	Description	Qty	t	d			
1	432077	Girder End Cap MIA-EC90	2					
2	304799	Girder MI-90 6m	1			HILTI X-BT-MF M10/W10		
3	267791	Bracket MIC-C90-D-1000	1			HILIT X-BI-MF MIO/WIO		
4	304805	Connector MIC-90-L	1					
5.1	2194340/	X-BT MR M10/W10/15 SN 8	4	2 ≤ t ≤ 15 mm				
	2194341	(A4 SS Flange Nut Included)		0.08" ≤ t ≤ 0.59"				
5.2	2083549/	X-BT MF M10/W10/10 SN 4	4	2 ≤ t ≤ 10 mm	1/2" ≤ d ≤ 3/4"	HILTI S-BT-MR/MF M10/W10		
	2083620	(FRP Flange Nut Included)		0.08" ≤ t ≤ 0.39"				
5.3	2140740/	S-BT MR M10/W10/10 SN 6	4	1.6 ≤ t ≤ 15 mm	18 < d ≤ 22mm			
	2140741	(A4 SS Flange Nut Included)		1/16" ≤ t ≤ 0.59"				
5.4	2140528/	S-BT MF M10/W10/10 AN 6	4	1.6 ≤ t ≤ 15 mm	with flange nut)	LIII TI V OT OD 140		
	2139173	(FRP Flange Nut Included)		1/16" ≤ t ≤ 0.59"		HILTI X-ST-GR M8		
5.5	2122460	X-ST-GR M8/10 P8	4	t ≤ 10 mm	9 ≤ d ≤ 18mm			
	2184481	Washer 10,5x20x2 ISO 7089		t ≤ 0.39"	0.35 " $\leq d \leq 0.39$ "			
	52460	Hexagon Nut M8 A4-70		1 = 0.00	0.00 = 4 = 0.00			