



ISOMETRIC VIEW

SIDE VIEW

DETAILS VIEW

BILL OF MATERIAL

| Item | Part Number | Description | Qty | t | d | |
|------|-----------------------------|--|-----|--------------------------------------|---|--------------------------|
| 1 | 369685 | Channel End Cap MQZ-E41 | 1 | | | HILTI X-BT-MR M10/W10 |
| 2 | 370597 | Bracket MQK-41/3/600 | 1 | | | |
| 3.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 2 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm 1/2" ≤ d ≤ 3/4" | HILTI X-BT-MF M10/W10 |
| 3.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Included) | 2 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | | |
| 3.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 2 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) | HILTI S-BT-MR/MF M10/W10 |
| 3.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Included) | 2 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | | |
| 3.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Flat Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 2 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" | HILTI X-ST-GR M8 |

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| Item | Part Number | Description | Qty | t | d | |
|------|-----------------------------|---|-------------|--------------------------------------|---|--------------------------|
| 1 | 369685 | Channel End Cap MQZ-E41 | 1 | | | HILTI X-BT-MR M10/W10 |
| 2 | 370597 | Bracket MQK-41/3/600 | 1 | | | |
| 3 | 369597 | I-Channel MQ-41/3 6m | 1 | | | |
| 4 | 369649 | Rail Support MQP-45 | 1 | | | |
| 5 | 2184850 | Push Button MQN | 6 | | | HILTI X-BT-MF M10/W10 |
| 6 | 369649 | 8-Hole Angle MQW-8/45 | 1 | | | |
| 7.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 3 3 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm 1/2" ≤ d ≤ 3/4" | HILTI S-BT-MR/MF M10/W10 |
| 7.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 3 3 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | | |
| 7.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 3 3 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) | |
| 7.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 3 3 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | | HILTI X-ST-GR M8 |
| 7.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 3 3 3 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" | |

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FRONT VIEW

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

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

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| 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 | | |
| 4 | 369640 | Channel TIE MQV-3/2 D | 1 | | |
| 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 1/2" ≤ d ≤ 3/4" |
| | 2194341 | (A4 SS Flange Nut included) | 2 | 0.08" ≤ t ≤ 0.59" | |
| 6.2 | 2083549/ | X-BT MF M10/W10/10 SN 4 | 2 | 2 ≤ t ≤ 10 mm | 18 < d ≤ 22mm (use washer with flange nut) |
| | 2083620 | (FRP Flange Nut included) | 2 | 0.08" ≤ t ≤ 0.39" | |
| 6.3 | 2140740/ | S-BT MR M10/W10/10 SN 6 | 2 | 1.6 ≤ t ≤ 15 mm | HILTI X-ST-GR M8 |
| | 2140741 | (A4 SS Flange Nut included) | 2 | 1/16" ≤ t ≤ 0.59" | |
| 6.4 | 2140528/ | S-BT MF M10/W10/10 AN 6 | 2 | 1.6 ≤ t ≤ 15 mm | HILTI X-ST-GR M8 |
| | 2139173 | (FRP Flange Nut included) | 2 | 1/16" ≤ t ≤ 0.59" | |
| 6.5 | 2122460 | X-ST-GR M8/10 P8 | 2 | t ≤ 10 mm | |
| | 2184481 | Flat Washer 10,5/20x5x20x2 | 2 | t ≤ 0.39" | |
| | 52460 | Hexagon Nut M8 A4-70 | 2 | | |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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| 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 | | |
| 4 | 369640 | Channel TIE MQV-3/2 D | 1 | | |
| 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" |
| | 2083620 | (FRP Flange Nut Included) | 2 | 0.08" ≤ t ≤ 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 with flange nut) |
| 6.4 | 2140528/ | S-BT MF M10/W10/10 AN 6 | 2 | 1.6 ≤ t ≤ 15 mm | |
| | 2139173 | (FRP Flange Nut Included) | 2 | 1/16" ≤ t ≤ 0.59" | |
| 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" ≤ d ≤ 0.39" |
| | 52460 | Hexagon Nut M8 A4-70 | 2 | | |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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| 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 | | |
| 4 | 369658 | 4-Hole Angle MQW-4 | 2 | | |
| 5 | 2194850 | Push Button MQN | 4 | | |
| 6.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 4 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm 1/2" ≤ d ≤ 3/4" |
| 6.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 4 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | |
| 6.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 6.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 6.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 4 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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| 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 | | |
| 4 | 369658 | 4-Hole Angle MQW-4 | 2 | | |
| 5 | 2194850 | Push Button MQN | 4 | | |
| 6.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 4 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 6.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 4 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 6.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 6.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 6.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 4 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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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 | | |
| 4 | 369658 | Angle Bracket MQW-S/2 | 1 | | |
| 5 | 2184850 | Push Button MQN | 4 | | |
| 6.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 2 2 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 6.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 2 2 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 6.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 2 2 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 6.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 2 2 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 6.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 2 2 2 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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| 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 | | |
| 4 | 369658 | 4-Hole Angle MQW-4 | 2 | | |
| 5 | 2194850 | Push Button MQN | 4 | | |
| 6.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 4 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 6.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 4 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 6.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 6.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 6.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 4 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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

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

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| Item | Part Number | Description | Qty | t | d | |
|------|-----------------------------|--|-----|--------------------------------------|--|--------------------------|
| 1 | 432077 | Girder End Cap MIA-EC90 | 1 | | | HILTI X-BT-MR M10/W10 |
| 2 | 267790 | Bracket MIC-C90-D-750 | 1 | | | |
| 3.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 4 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm | HILTI X-BT-MF M10/W10 |
| 3.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Included) | 4 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" | |
| 3.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) | HILTI S-BT-MR/MF M10/W10 |
| 3.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | | |
| 3.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Flat Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 4 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" | HILTI X-ST-GR M8 |

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ISOMETRIC VIEW

BILL OF MATERIAL SIDE VIEW

DETAILS VIEW

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

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ISOMETRIC VIEW

FRONT 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 | 2 | | |
| 2 | 267790 | Bracket MIC-C90-D-750 | 1 | | |
| 3 | 304799 | Girder MI-90 6m | 1 | | |
| 4 | 2179533 | Connector MIC-90-L | 1 | | |
| 5.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 4 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 5.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 4 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 5.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 5.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 4 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 5.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 4 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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ISOMETRIC VIEW

FRONT VIEW

DETAILS VIEW

BILL OF MATERIAL

| Item | Part Number | Description | Qty | t | d |
|------|-----------------------------|---|-----|--------------------------------------|---|
| 1 | 432077 | Girder End Cap MIA-EC90 | 2 | | |
| 2 | 267791 | Bracket MIC-C90-D-1000 | 2 | | |
| 3 | 304799 | Girder MI-90 6m | 1 | | |
| 4 | 2179533 | Connector MIC-90-UH | 2 | | |
| 5.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 8 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 5.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 8 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 5.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 8 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 5.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 8 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 5.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 8 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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ISOMETRIC VIEW

FRONT VIEW

DETAILS VIEW

BILL OF MATERIAL

| Item | Part Number | Description | Qty | t | d |
|------|-----------------------------|---|-----|--------------------------------------|---|
| 1 | 432077 | Girder End Cap MIA-EC90 | 2 | | |
| 2 | 267791 | Bracket MIC-C90-D-1000 | 2 | | |
| 3 | 304799 | Girder MI-90 6m | 1 | | |
| 4 | 2179533 | Connector MIC-90-UH | 2 | | |
| 5.1 | 2194340/ 2194341 | X-BT MR M10/W10/15 SN 8 (A4 SS Flange Nut Included) | 8 | 2 ≤ t ≤ 15 mm 0.08" ≤ t ≤ 0.59" | 13 ≤ d ≤ 18mm |
| 5.2 | 2083549/ 2083620 | X-BT MF M10/W10/10 SN 4 (FRP Flange Nut Included) | 8 | 2 ≤ t ≤ 10 mm 0.08" ≤ t ≤ 0.39" | 1/2" ≤ d ≤ 3/4" |
| 5.3 | 2140740/ 2140741 | S-BT MR M10/W10/10 SN 6 (A4 SS Flange Nut Included) | 8 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | 18 < d ≤ 22mm (use washer with flange nut) |
| 5.4 | 2140528/ 2139173 | S-BT MF M10/W10/10 AN 6 (FRP Flange Nut Included) | 8 | 1.6 ≤ t ≤ 15 mm 1/16" ≤ t ≤ 0.59" | |
| 5.5 | 2122460 2184481 52460 | X-ST-GR M8/10 P8 Washer 10,5x20x2 ISO 7089 Hexagon Nut M8 A4-70 | 8 | t ≤ 10 mm t ≤ 0.39" | 9 ≤ d ≤ 18mm 0.35" ≤ d ≤ 0.39" |

HILTI X-BT-MR M10/W10

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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ISOMETRIC VIEW

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

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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ISOMETRIC VIEW

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

HILTI X-BT-MF M10/W10

HILTI S-BT-MR/MF M10/W10

HILTI X-ST-GR M8

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