



케이블 트레이 · 덕트 · 브라켓

2026 제품 카탈로그 · REV. 2026.01 (2026년 제1차 개정)

개정 이력

시기	구분	내용
2023. 09.	POSCO 전기설계표준도 등재	CR PosMAC CABLE TRAY & DUCT 류 도면 · 특허 제10-1746130호 활용
2024	도면 개정	상세도(Detail "B") 추가 등
2026. 09.	전체 수정 · REV. 2026.01	2024 개정사항 반영 · TYPE A/B 유지 · HVT 도면번호 통일 · 트레이 브라켓 도면 포함

카탈로그 구성

쪽	구성	도면번호
02~03	도면 목록	전 도면 번호 · 도면명 · 쪽
04~07	품번 안내 · 주문 시 확인 · 주문 품목 요약	주문 품번 1288 · 도면별 범위식 · 도면 쪽
08~66	CR 케이블 트레이 · 덕트 · 부속 (58매)	HVT-CR-001-A ~ HVT-CR-057
67~79	브라켓 · 채널 · 포스트베이스 · 입상 덕트 (13매)	HVT-BR-001 ~ HVT-BR-013

주식회사 한빛트레이 HANVIT TRAY CO., LTD.	제품 카탈로그 / PRODUCT CATALOG CABLE TRAY & DUCT · TRAY BRACKET	발행일 2026-09-14 REV. 2026.01
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도면번호	도면명	쪽
HVT-CR-001-A	CR TRAY STRAIGHT (3.0m)	08
HVT-CR-001-B	CR TRAY STRAIGHT (3.0m)	09
HVT-CR-002	CR COVER FOR TRAY STRAIGHT (3.0m)	10
HVT-CR-003	90° CR HORIZONTAL TRAY ELBOW	11
HVT-CR-004	CR COVER FOR 90° HORIZONTAL TRAY ELBOW	12
HVT-CR-005	60° CR HORIZONTAL TRAY ELBOW	13
HVT-CR-006	CR COVER FOR 60° HORIZONTAL TRAY ELBOW	14
HVT-CR-007	45° CR HORIZONTAL TRAY ELBOW	15
HVT-CR-008	CR COVER FOR 45° HORIZONTAL TRAY ELBOW	16
HVT-CR-009	CR TRAY TEE	17
HVT-CR-010	CR COVER FOR TRAY TEE	18
HVT-CR-011	CR TRAY CROSS	19
HVT-CR-012	CR COVER FOR TRAY CROSS	20
HVT-CR-013	90° CR VERTICAL TRAY ELBOW (INSIDE)	21
HVT-CR-014	CR COVER FOR 90° VERTICAL TRAY ELBOW (INSIDE)	22
HVT-CR-015	90° CR VERTICAL TRAY ELBOW (OUTSIDE)	23
HVT-CR-016	CR COVER FOR 90° VERTICAL TRAY ELBOW (OUTSIDE)	24
HVT-CR-017	60° CR VERTICAL TRAY ELBOW (INSIDE)	25

도면번호	도면명	쪽
HVT-CR-018	CR COVER FOR 60° VERTICAL TRAY ELBOW (INSIDE)	26
HVT-CR-019	60° CR VERTICAL TRAY ELBOW (OUTSIDE)	27
HVT-CR-020	CR COVER FOR 60° VERTICAL TRAY ELBOW (OUTSIDE)	28
HVT-CR-021	45° CR VERTICAL TRAY ELBOW (INSIDE)	29
HVT-CR-022	CR COVER FOR 45° VERTICAL TRAY ELBOW (INSIDE)	30
HVT-CR-023	45° CR VERTICAL TRAY ELBOW (OUTSIDE)	31
HVT-CR-024	CR COVER FOR 45° VERTICAL TRAY ELBOW (OUTSIDE)	32
HVT-CR-025	CR STRAIGHT TRAY REDUCER	33
HVT-CR-026	CR COVER FOR STRAIGHT TRAY REDUCER	34
HVT-CR-027	CR LEFT HAND STRAIGHT TRAY REDUCER	35
HVT-CR-028	CR COVER FOR LEFT HAND TRAY REDUCER	36
HVT-CR-029	CR RIGHT HAND STRAIGHT TRAY REDUCER	37
HVT-CR-030	CR COVER FOR RIGHT HAND TRAY REDUCER	38
HVT-CR-031	CR TRAY SEPARATOR	39
HVT-CR-056	CR TRAY VERTICAL SEPARATOR	40
HVT-CR-057	CR TRAY HORIZONTAL SEPARATOR	41
HVT-CR-032	CR STRAIGHT TRAY CONNECTOR	42
HVT-CR-033	CR ADJ. RISER CONNECTOR	43

도면번호	도면명	쪽
HVT-CR-034	CR BENDABLE HORIZONTAL CONNECTOR	44
HVT-CR-035	CR HOLD DOWN CLAMP	45
HVT-CR-036	CR BLIND END	46
HVT-CR-037	CR GROUND BONDING JUMPER	47
HVT-CR-038	CR DUCT STRAIGHT (3.0m)	48
HVT-CR-039	90° CR HORIZONTAL DUCT ELBOW	49
HVT-CR-040	60° CR HORIZONTAL DUCT ELBOW	50
HVT-CR-041	45° CR HORIZONTAL DUCT ELBOW	51
HVT-CR-042	CR DUCT TEE	52
HVT-CR-043	CR DUCT CROSS	53
HVT-CR-044	90° CR VERTICAL DUCT ELBOW (INSIDE)	54
HVT-CR-045	90° CR VERTICAL DUCT ELBOW (OUTSIDE)	55
HVT-CR-046	60° CR VERTICAL DUCT ELBOW (INSIDE)	56
HVT-CR-047	60° CR VERTICAL DUCT ELBOW (OUTSIDE)	57
HVT-CR-048	45° CR VERTICAL DUCT ELBOW (INSIDE)	58
HVT-CR-049	45° CR VERTICAL DUCT ELBOW (OUTSIDE)	59
HVT-CR-050	CR STRAIGHT DUCT REDUCER	60
HVT-CR-051	CR LEFT HAND STRAIGHT DUCT REDUCER	61

도면번호	도면명	쪽
HVT-CR-052	CR RIGHT HAND STRAIGHT DUCT REDUCER	62
HVT-CR-053	CR DUCT CONNECTOR	64
HVT-CR-054	CR COVER BAND	65
HVT-CR-055	CR VERTICAL DUCT SEPARATOR	66
HVT-BR-001	브라켓 1형	67
HVT-BR-002	브라켓 2형	68
HVT-BR-003	브라켓 3형	69
HVT-BR-004	브라켓 4형	70
HVT-BR-005	브라켓 5형	71
HVT-BR-006	브라켓 6형	72
HVT-BR-007	트레이 브라켓 · TYPE D1	73
HVT-BR-008	트레이 브라켓 · TYPE D2	74
HVT-BR-009	트레이 브라켓 · TYPE D3	75
HVT-BR-010	канал (싱글 · 더블)	76
HVT-BR-011	싱글 채널 포스트베이스	77
HVT-BR-012	더블 채널 포스트베이스	78
HVT-BR-013	입상 덕트 (VERTICAL CABLE DUCT)	79

품번 읽기 / How to read an item number

등록 품목 1288 · 도면번호 순 / 1288 items · by drawing number

HVT-

HE 90

W2R3

A

한빛
HANVIT

제품형
Type

각도
Angle

폭 200
Width

반경 300
Radius

연결 A형
Conn. A

· 품번만 읽어도 제품형 · 각도 · 폭 · 반경 · 연결형이 보입니다
The code itself shows type, angle, width, radius and connection

· 한 품번은 한 규격이며 다른 규격에 다시 쓰지 않습니다
One code identifies one specification and is never reused

· 요약은 범위로 적습니다: HE90W[2-10]R[3,6][A,B] (HVT- 생략 · ; = 대안)
Ranges: [2-10] integers · [3,6] / [A,B] choices · ; alternatives · HVT- omitted

ST	직선 트레이 Straight tray	HE	수평 엘보 Horizontal elbow	VEI · VEO	수직 엘보 내측 · 외측 Vertical elbow inside · outside
HT · HX	티 · 크로스 Tee · cross	RD · RDL · RDR	리듀서 · 좌측 · 우측 Reducer · left · right	...C	트레이 커버 (예: HEC · SPC 는 클램프) Tray cover (e.g. HEC; SPC = clamp)
D...	덕트 = D + 트레이 기호 Duct: ST→DST · HT→DHT · HX→DHX	SP · SPC	세퍼레이터 · 클램프 Separator · clamp	CN · RC · BC	직선 · 라이저 · 절곡 커넥터 Straight · riser · bendable connector
HC · BE	홀드다운 클램프 · 블라인드 엔드 Hold-down clamp · blind end	BJ · DCB	본딩 점퍼 · 덕트 커버 밴드 Bonding jumper · duct cover band	DCN · DSP	덕트 커넥터 · 덕트 세퍼레이터 Duct connector · duct separator
BR	브라켓 (뒤 = TYPE) Bracket (followed by TYPE)	W2 · W10W9	폭 200 · 폭 1000→900 Width 200 · 1000 to 900	R3	반경 300 Radius 300
A · B	연결 A형(2장공) · B형(4장공) Connection A (2-slot) · B (4-slot)	T12	두께 1.2 (커넥터·클램프 고정) Thickness 1.2 (fixed for connectors and clamps)	N4	호칭 400 (브라켓 D3) Nominal 400 (bracket D3)
CHS · CHD	싱글·더블 채널 Single / double channel	PBS · PBD	싱글·더블 포스트베이스 Single / double post base	PBWS · PBWD	싱글·더블용 사각와셔 Washer for single / double channel

CH/PB: W·H = 실제 mm / actual mm · P = 소수점 / decimal point · T = 0.1 mm (W41P4 = 41.4 mm · T26 = 2.6 mm)

주문 방법 / How to order

- 1

요약의 대괄호에서 규격을 골라 만든 실제 품번과 수량을 알려 주십시오.
Choose values in brackets and send the expanded item code with the quantity.

예 / e.g. DVEI45W[2-10]R[3,6][A,B] → W2 · R3 · A → HVT-DVEI45W2R3A
- 2

「주문 시 확인」 면에 있는 품번은 그 면에 적힌 조건(예: 높이 H 확인)을 함께 알려 주십시오.
For codes listed on the Order details page, also state the detail shown there (e.g. Confirm height H).
- 3

치수·재료는 각 도면의 규격표와 REMARK 를 따릅니다.
Dimensions and materials follow each drawing's table and REMARK.

주문 단위 EA = 1개 · 치수 단위 mm (직선품 길이는 규격의 L 값, 예: L3000)

Order unit EA = one piece · dimensions in mm (length of straight pieces is shown as L, e.g. L3000)

아래 품번은 주문하실 때 적힌 조건을 함께 알려 주십시오.
For the codes below, please state the listed details with your order.

HVT-BR-007

볼트 길이 L 지정
Specify bolt length L
HVT-BRD1W4 HVT-BRD1W5 HVT-BRD1W6

HVT-BR-008

볼트 길이 L 지정
Specify bolt length L
HVT-BRD2W7 HVT-BRD2W8

HVT-BR-009

볼트 길이 L 지정
Specify bolt length L
HVT-BRD3N4 HVT-BRD3N5 HVT-BRD3N6

HVT-BR-010

절단 길이 L(mm) 지정
Specify cut length L (mm)
HVT-CHDW41P4H82P8T26 HVT-CHSW41P4H41P4T26

HVT-BR-011

와셔 홀 직경 확인
Confirm hole diameter
HVT-PBWSW41T60

HVT-BR-012

와셔 홀 직경 확인
Confirm hole diameter
HVT-PBWDW41T60

HVT-CR-033

연결부 형상 확인
Confirm connection geometry
HVT-RC310T10 HVT-RC310T12 HVT-RC310T14

CH · PB: W/H는 실제 mm · P는 소수점 · T는 0.1 mm 단위
CH · PB: W41P4 = 41.4 mm · H110 = 110 mm · T26 = 2.6 mm

HVT-CR-034

연결부 형상 확인
Confirm connection geometry
HVT-BC260T10 HVT-BC260T12 HVT-BC260T14

HVT-CR-037

조립 치수·단자·체결재 확인
Confirm assembly dimensions, terminals and fasteners
HVT-BJ35

HVT-CR-053

길이 L 확인
Confirm length L
HVT-DCNW2 HVT-DCNW10

HVT-CR-054

볼트 길이 확인
Confirm bolt length
HVT-DCBW2 HVT-DCBW3 HVT-DCBW4 HVT-DCBW5 HVT-DCBW6 HVT-DCBW7
HVT-DCBW8 HVT-DCBW9 HVT-DCBW10

HVT-CR-055

높이 H 및 체결 위치 확인
Confirm height H and fixing positions
길이 L 확인
Confirm length L
HVT-DSPW2 HVT-DSPW10

HVT-CR-055

높이 H 및 체결 위치 확인
Confirm height H and fixing positions
HVT-DSPW3 HVT-DSPW4 HVT-DSPW5 HVT-DSPW6 HVT-DSPW7 HVT-DSPW8 HVT-DSPW9

HVT- 생략 / HVT- prefix omitted · [2-10] 연속 정수 / integer range · [3,6] · [A,B] 선택 / choices · ; 대안 / alternatives

HVT-CR-001-A · STRAIGHT TRAY	p. 08
STW[2-10]A	
HVT-CR-001-B · STRAIGHT TRAY	p. 09
STW[2-10]B	
HVT-CR-002 · STRAIGHT TRAY COVER	p. 10
STCW[2-10]	
HVT-CR-003 · 90° HORIZONTAL TRAY ELBOW	p. 11
HE90W[2-10]R[3,6][A,B]	
HVT-CR-004 · 90° HORIZONTAL TRAY ELBOW COVER	p. 12
HEC90W[2-10]R[3,6]	
HVT-CR-005 · 60° HORIZONTAL TRAY ELBOW	p. 13
HE60W[2-10]R[3,6][A,B]	
HVT-CR-006 · 60° HORIZONTAL TRAY ELBOW COVER	p. 14
HEC60W[2-10]R[3,6]	
HVT-CR-007 · 45° HORIZONTAL TRAY ELBOW	p. 15
HE45W[2-10]R[3,6][A,B]	
HVT-CR-008 · 45° HORIZONTAL TRAY ELBOW COVER	p. 16
HEC45W[2-10]R[3,6]	
HVT-CR-009 · TRAY TEE	p. 17
HTW[2-10]R[3,6][A,B]	
HVT-CR-010 · TRAY TEE COVER	p. 18
HTCW[2-10]R[3,6]	
HVT-CR-011 · TRAY CROSS	p. 19
HXW[2-10]R[3,6][A,B]	
HVT-CR-012 · TRAY CROSS COVER	p. 20
HXCW[2-10]R[3,6]	
HVT-CR-013 · 90° VERTICAL TRAY ELBOW (INSIDE)	p. 21
VEI90W[2-10]R[3,6][A,B]	

HVT-CR-014 · 90° VERTICAL TRAY ELBOW COVER (INSIDE)	p. 22
VEIC90W[2-10]R[3,6]	
HVT-CR-015 · 90° VERTICAL TRAY ELBOW (OUTSIDE)	p. 23
VEO90W[2-10]R[3,6][A,B]	
HVT-CR-016 · 90° VERTICAL TRAY ELBOW COVER (OUTSIDE)	p. 24
VEOC90W[2-10]R[3,6]	
HVT-CR-017 · 60° VERTICAL TRAY ELBOW (INSIDE)	p. 25
VEI60W[2-10]R[3,6]	
HVT-CR-018 · 60° VERTICAL TRAY ELBOW COVER (INSIDE)	p. 26
VEIC60W[2-10]R[3,6]	
HVT-CR-019 · 60° VERTICAL TRAY ELBOW (OUTSIDE)	p. 27
VEO60W[2-10]R[3,6]	
HVT-CR-020 · 60° VERTICAL TRAY ELBOW COVER (OUTSIDE)	p. 28
VEOC60W[2-10]R[3,6]	
HVT-CR-021 · 45° VERTICAL TRAY ELBOW (INSIDE)	p. 29
VEI45W[2-10]R[3,6][A,B]	
HVT-CR-022 · 45° VERTICAL TRAY ELBOW COVER (INSIDE)	p. 30
VEIC45W[2-10]R[3,6]	
HVT-CR-023 · 45° VERTICAL TRAY ELBOW (OUTSIDE)	p. 31
VEO45W[2-10]R[3,6][A,B]	
HVT-CR-024 · 45° VERTICAL TRAY ELBOW COVER (OUTSIDE)	p. 32
VEOC45W[2-10]R[3,6]	
HVT-CR-025 · STRAIGHT TRAY REDUCER	p. 33
RD[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]	
HVT-CR-026 · STRAIGHT TRAY REDUCER COVER	p. 34
RDC[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9]	

HVT-CR-027 · LEFT HAND STRAIGHT TRAY REDUCER	p. 35
RDL[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]	
HVT-CR-028 · LEFT HAND TRAY REDUCER COVER	p. 36
RDLC[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9]	
HVT-CR-029 · RIGHT HAND STRAIGHT TRAY REDUCER	p. 37
RDR[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]	
HVT-CR-030 · RIGHT HAND TRAY REDUCER COVER	p. 38
RDRC[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9]	
HVT-CR-031 · TRAY SEPARATOR & CLAMP	p. 39
SP[80,130]; SPC[16,20]	
HVT-CR-056 · TRAY VERTICAL SEPARATOR	p. 40
VSP65	
HVT-CR-057 · TRAY HORIZONTAL SEPARATOR	p. 41
HSP75	
HVT-CR-032 · STRAIGHT TRAY CONNECTOR	p. 42
CN120T[12,14,20]; CN160T[10,12,14]	
HVT-CR-033 · ADJUSTABLE RISER CONNECTOR	p. 43
RC240T[12,14,20]; RC310T[10,12,14]	
HVT-CR-034 · BENDABLE HORIZONTAL CONNECTOR	p. 44
BC190T[12,14,20]; BC260T[10,12,14]	
HVT-CR-035 · HOLD DOWN CLAMP	p. 45
HCT[14,20]	
HVT-CR-036 · BLIND END	p. 46
BEW[2-10]	

HVT- 생략 / HVT- prefix omitted · [2-10] 연속 정수 / integer range · [3,6] · [A,B] 선택 / choices · ; 대안 / alternatives

HVT-CR-037 · GROUND BONDING JUMPER p. 47

BJ[16,35]

HVT-CR-038 · STRAIGHT DUCT p. 48

DSTW[2-10][A,B]

HVT-CR-039 · 90° HORIZONTAL DUCT ELBOW p. 49

DHE90W[2-10]R[3,6][A,B]

HVT-CR-040 · 60° HORIZONTAL DUCT ELBOW p. 50

DHE60W[2-10]R[3,6]

HVT-CR-041 · 45° HORIZONTAL DUCT ELBOW p. 51

DHE45W[2-10]R[3,6][A,B]

HVT-CR-042 · DUCT TEE p. 52

DHTW[2-10]R[3,6][A,B]

HVT-CR-043 · DUCT CROSS p. 53

DHXW[2-10]R[3,6][A,B]

HVT-CR-044 · 90° VERTICAL DUCT ELBOW (INSIDE) p. 54

DVEI90W[2-10]R[3,6][A,B]

HVT-CR-045 · 90° VERTICAL DUCT ELBOW (OUTSIDE) p. 55

DVEO90W[2-10]R[3,6][A,B]

HVT-CR-046 · 60° VERTICAL DUCT ELBOW (INSIDE) p. 56

DVEI60W[2-10]R[3,6]

HVT-CR-047 · 60° VERTICAL DUCT ELBOW (OUTSIDE) p. 57

DVEO60W[2-10]R[3,6]

HVT-CR-048 · 45° VERTICAL DUCT ELBOW (INSIDE) p. 58

DVEI45W[2-10]R[3,6][A,B]

HVT-CR-049 · 45° VERTICAL DUCT ELBOW (OUTSIDE) p. 59

DVEO45W[2-10]R[3,6][A,B]

HVT-CR-050 · STRAIGHT DUCT REDUCER p. 60

DRD[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]

HVT-CR-051 · LEFT HAND STRAIGHT DUCT REDUCER p. 61

DRDL[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]

HVT-CR-052 · RIGHT HAND STRAIGHT DUCT REDUCER p. 62

DRDR[W3W2,W4W2,W4W3,W5W3,W5W4,W6W4,W6W5,W7W5,W7W6,W8W6,W8W7,W9W7,W9W8,W10W8,W10W9][A,B]

HVT-CR-053 · DUCT CONNECTOR p. 64

DCNW[2-10]

HVT-CR-054 · COVER BAND p. 65

DCBW[2-10]

HVT-CR-055 · VERTICAL DUCT SEPARATOR p. 66

DSPW[2-10]

HVT-BR-001 · SINGLE-ARM CABLE TRAY BRACKET p. 67

BR1AW[2,3]; BR1BW[4-7]; BR1CW[8-10]

HVT-BR-002 · MULTI-LEVEL CABLE TRAY BRACKET p. 68

BR2AW[2,3]; BR2BW[4-7]

HVT-BR-003 · MULTI-LEVEL CABLE TRAY BRACKET p. 69

BR3AW[2,3]; BR3BW[4-7]

HVT-BR-004 · MULTI-LEVEL CABLE TRAY BRACKET p. 70

BR4AW[2,3]; BR4BW[4-7]

HVT-BR-005 · MULTI-LEVEL CABLE TRAY BRACKET p. 71

BR5AW[2,3]; BR5BW[4-7]

HVT-BR-006 · MULTI-LEVEL CABLE TRAY BRACKET p. 72

BR6AW[2,3]; BR6BW[4-7]

HVT-BR-007 · TAPERED END-PLATE BRACKET p. 73

BRD1W[4-6]

HVT-BR-008 · TAPERED END-PLATE BRACKET p. 74

BRD2W[7,8]

HVT-BR-009 · TAPERED END-PLATE BRACKET p. 75

BRD3N[4-6]

HVT-BR-010 · SINGLE & DOUBLE CHANNEL p. 76

CHDW41P4H82P8T26; CHSW41P4H41P4T26

HVT-BR-011 · SINGLE CHANNEL POST BASE / SQUARE WASHER p. 77

PBSAW135H110T120; PBWSW41T60

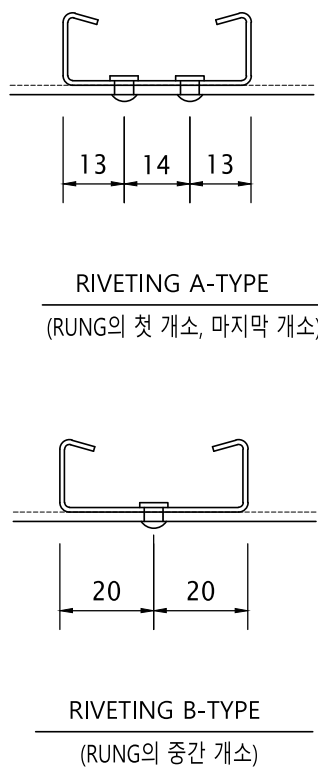
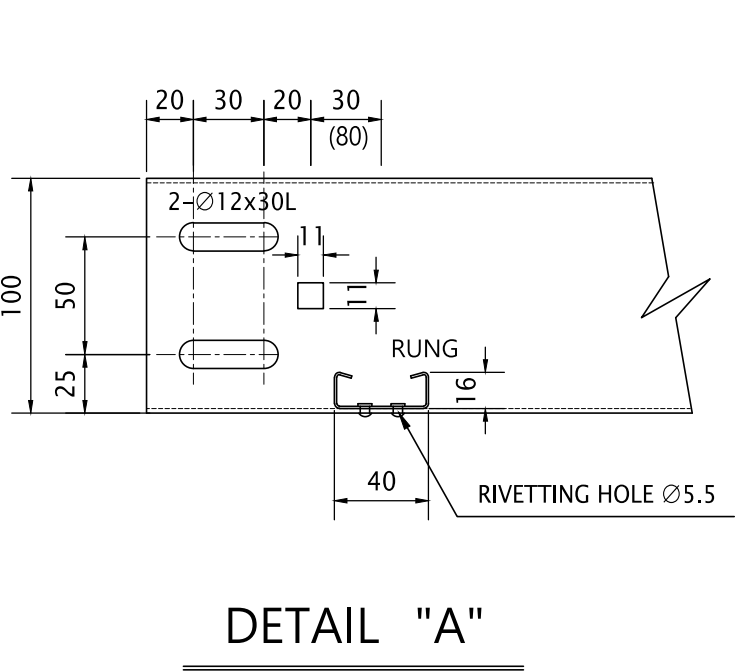
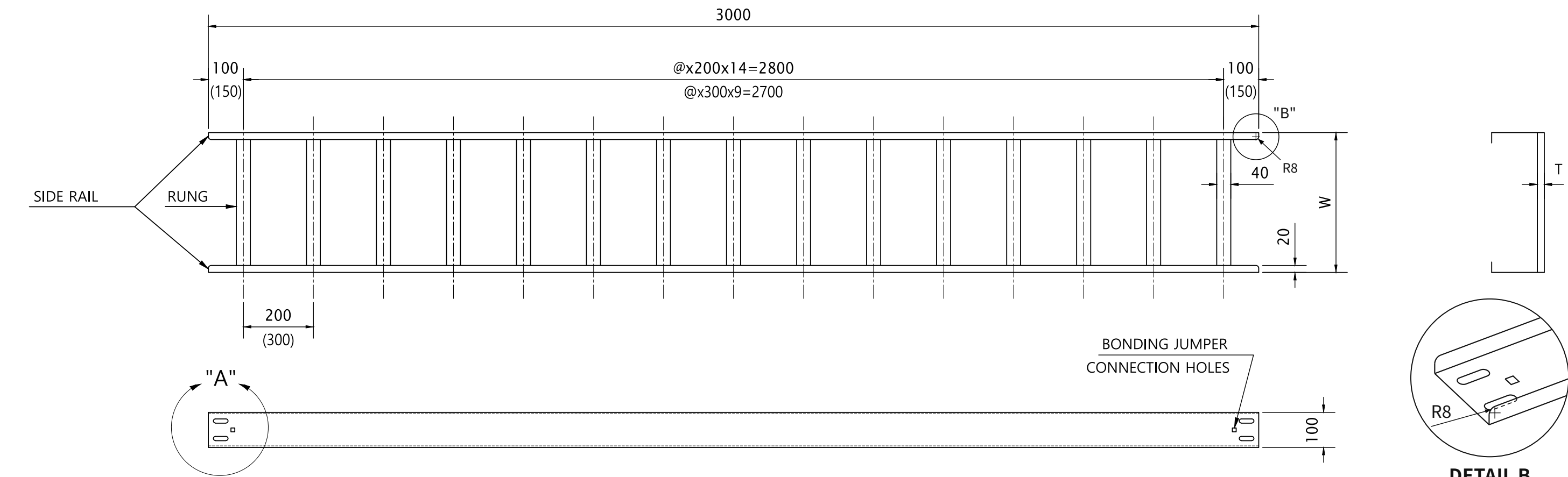
HVT-BR-012 · DOUBLE CHANNEL POST BASE / SQUARE WASHER p. 78

PBDAW150H140T120; PBDBW150H140T120; PBWDW41T60

CR TRAY STRAIGHT (3.0m)

TYPE A

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)	품번 / Item No.
200	7.94	HVT-STW2A
300	8.7	HVT-STW3A
400	9.46	HVT-STW4A
500	12.33	HVT-STW5A
600	13.27	HVT-STW6A
700	14.21	HVT-STW7A
800	17.8	HVT-STW8A
900	18.92	HVT-STW9A
1000	20.03	HVT-STW10A

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판(KS D 3506, KS D 3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면 RUNG 800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t SIDE RAIL 700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건 700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계) PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳 RIVET : 5Ø×7.0L (황동합금)
제작 기준 제작사양서 참조

주식회사 한빛트레이
HANVIT TRAY CO., LTD.

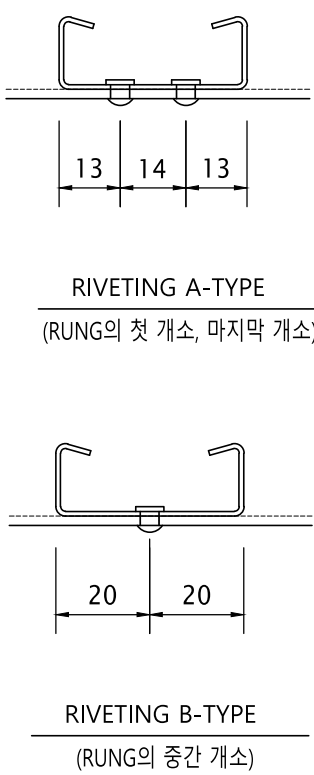
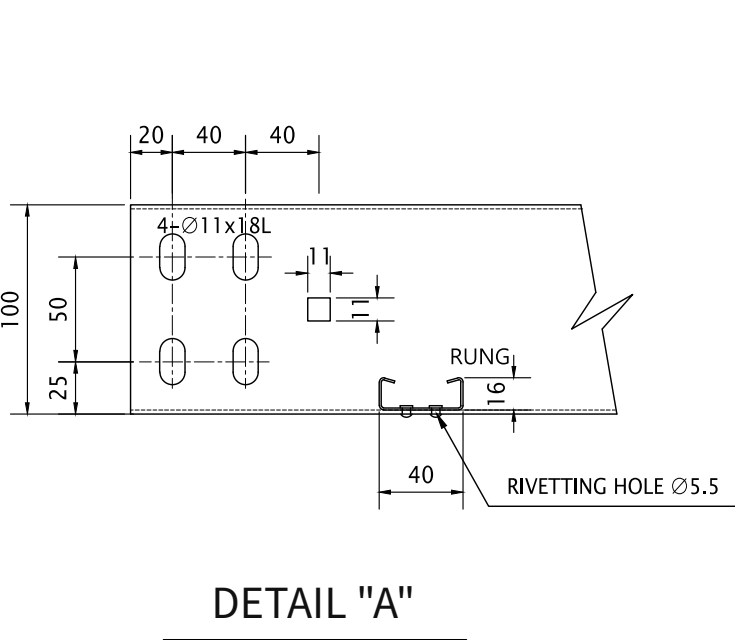
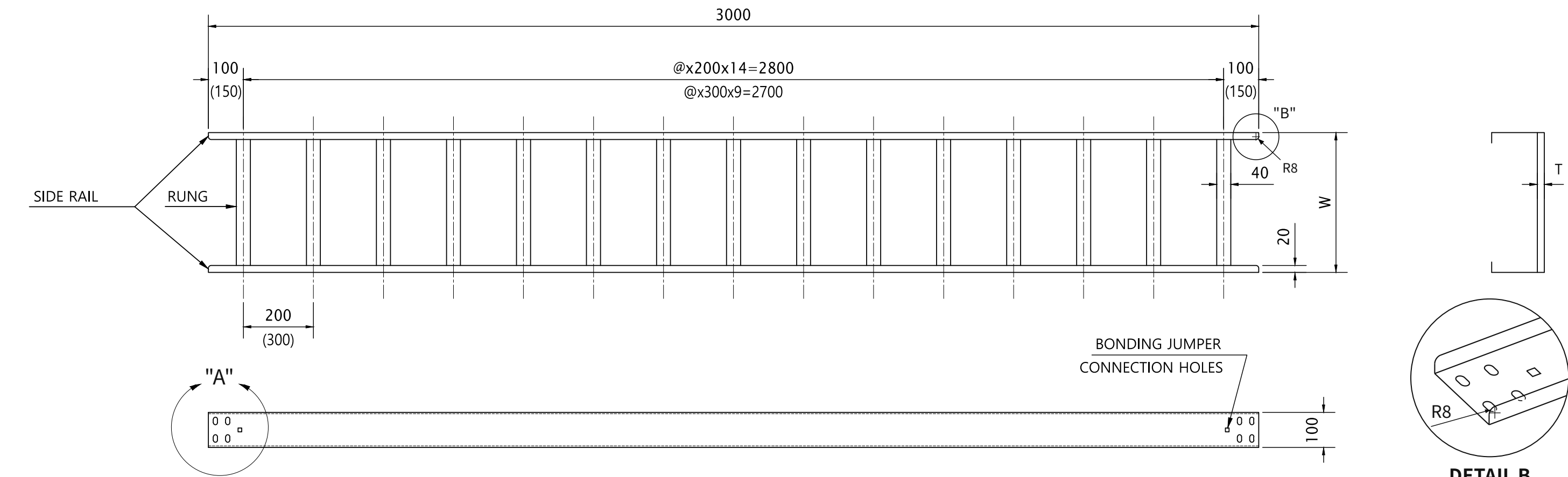
도면번호 / DRAWING NO.
HVT-CR-001-A

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR TRAY STRAIGHT (3.0m)

TYPE B

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)	품번 / Item No.
200	7.94	HVT-STW2B
300	8.7	HVT-STW3B
400	9.46	HVT-STW4B
500	12.33	HVT-STW5B
600	13.27	HVT-STW6B
700	14.21	HVT-STW7B
800	17.8	HVT-STW8B
900	18.92	HVT-STW9B
1000	20.03	HVT-STW10B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판(KS D 3506, KS D 3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면 RUNG 800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t SIDE RAIL 700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건 700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계) PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳 RIVET : 5Ø×7.0L (황동합금)
제작 기준 제작사양서 참조

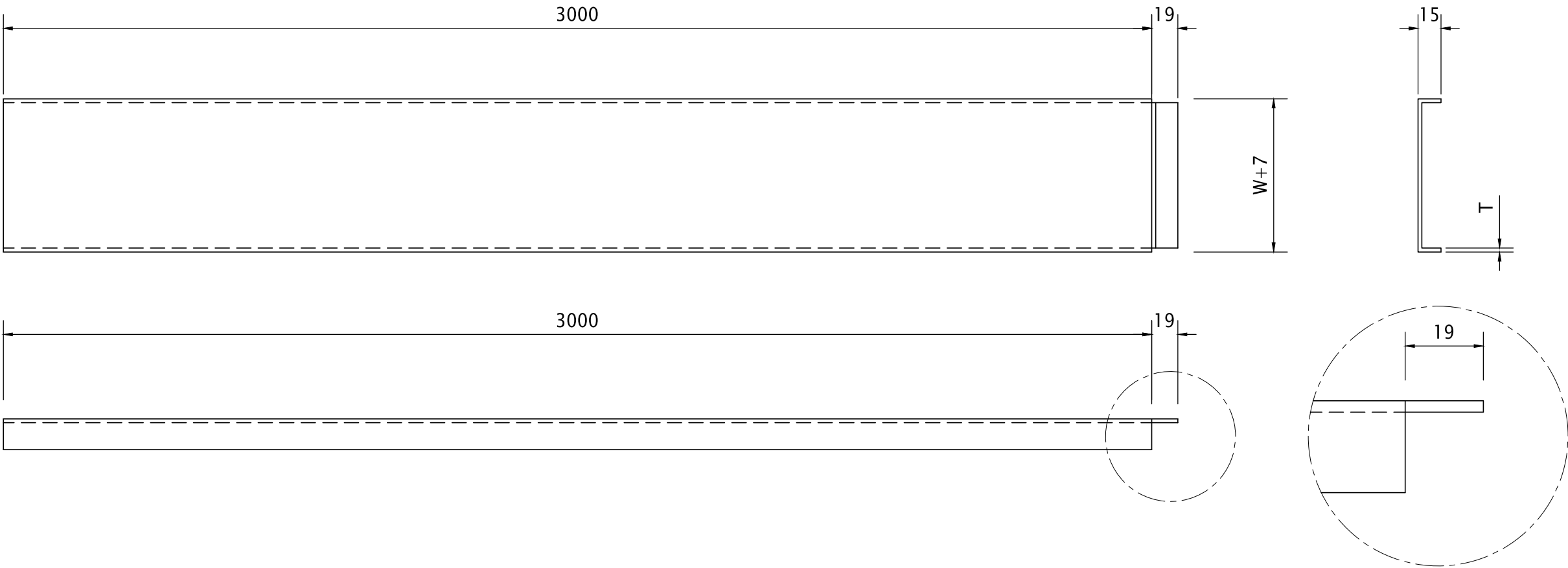
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-001-B

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR TRAY STRAIGHT (3.0m)

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)	품번 / Item No.	REMARK (KS D 3030)
200	5.8	HVT-STCW2	재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m² 도금 부착량 (양면 합계) PLATE : 1.0t, 250g/m² 제작 기준 제작사양서 참조
300	8.3	HVT-STCW3	
400	10.7	HVT-STCW4	
500	13.2	HVT-STCW5	
600	15.68	HVT-STCW6	
700	18.15	HVT-STCW7	
800	20.62	HVT-STCW8	
900	23.09	HVT-STCW9	
1000	25.56	HVT-STCW10	

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

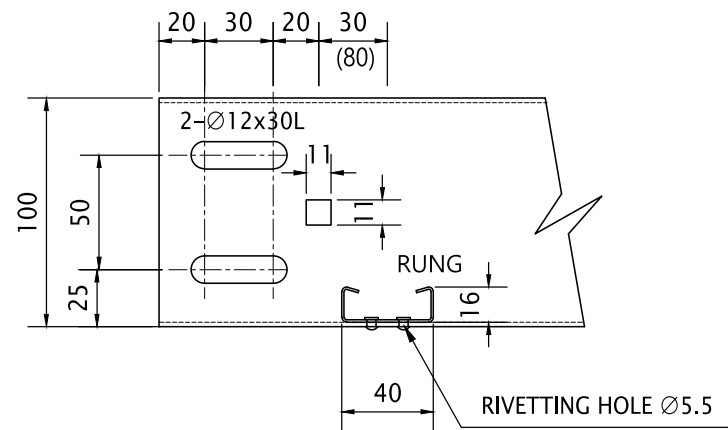
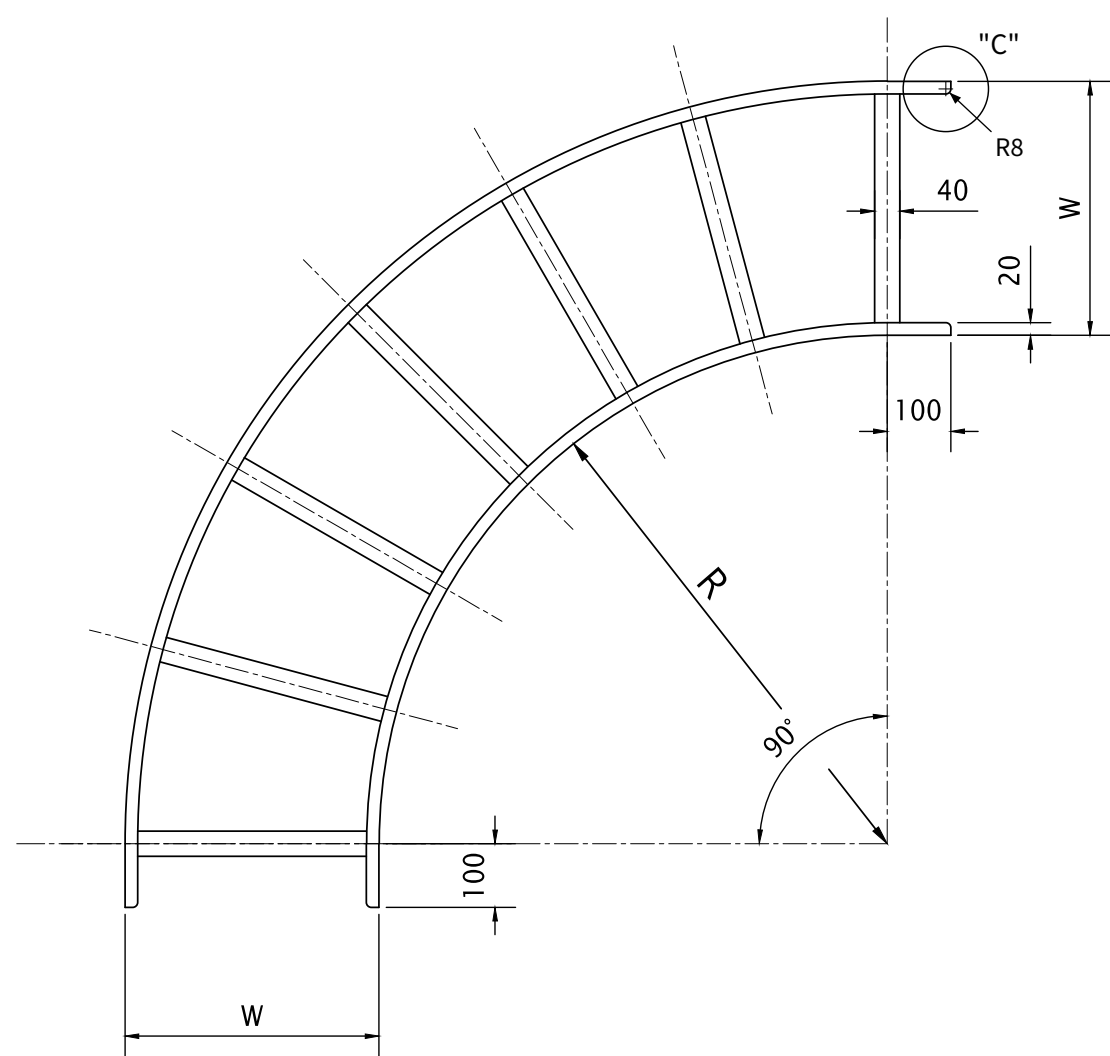
HVT-CR-002

UNIT mm · SCALE N.S.

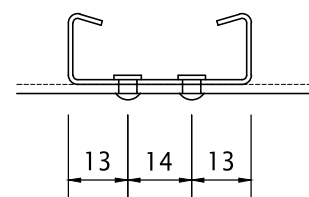
REV. 2026.01 · 2026-09-14

90° CR HORIZONTAL TRAY ELBOW

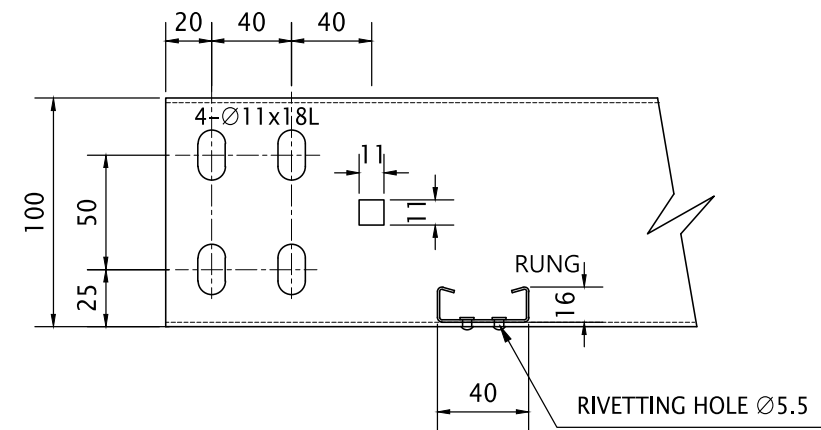
UNIT mm · N.S.



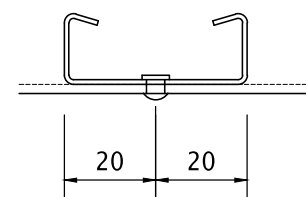
DETAIL "A"



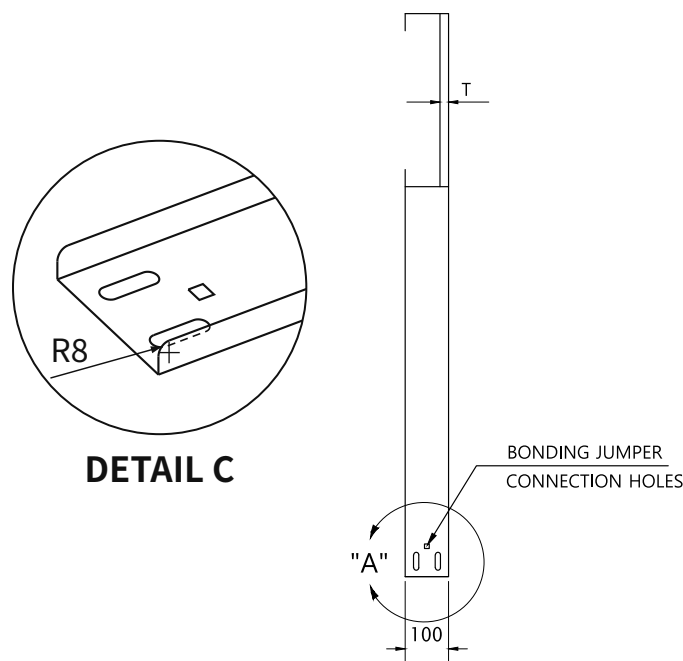
RIVETING A-TYPE
(RUNG의 첫 개소, 마지막 개소)



DETAIL "B"



RIVETING B-TYPE
(RUNG의 중간 개소)



W(mm)	CR PosMAC (kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	2.73	A HVT-HE90W2R3A B HVT-HE90W2R3B	4.23	A HVT-HE90W2R6A B HVT-HE90W2R6B
300	3.25	A HVT-HE90W3R3A B HVT-HE90W3R3B	5.04	A HVT-HE90W3R6A B HVT-HE90W3R6B
400	3.77	A HVT-HE90W4R3A B HVT-HE90W4R3B	5.84	A HVT-HE90W4R6A B HVT-HE90W4R6B
500	4.6	A HVT-HE90W5R3A B HVT-HE90W5R3B	7.13	A HVT-HE90W5R6A B HVT-HE90W5R6B
600	5.19	A HVT-HE90W6R3A B HVT-HE90W6R3B	8.05	A HVT-HE90W6R6A B HVT-HE90W6R6B
700	6.22	A HVT-HE90W7R3A B HVT-HE90W7R3B	9.64	A HVT-HE90W7R6A B HVT-HE90W7R6B
800	8.55	A HVT-HE90W8R3A B HVT-HE90W8R3B	13.25	A HVT-HE90W8R6A B HVT-HE90W8R6B
900	10.16	A HVT-HE90W9R3A B HVT-HE90W9R3B	15.75	A HVT-HE90W9R6A B HVT-HE90W9R6B
1000	11.07	A HVT-HE90W10R3A B HVT-HE90W10R3B	17.16	A HVT-HE90W10R6A B HVT-HE90W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판(KS D 3506, KS D 3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면 RUNG 800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t SIDE RAIL 700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건 700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계) PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳 RIVET : 5Ø×7.0L (황동합금)
제작 기준 제작사양서 참조

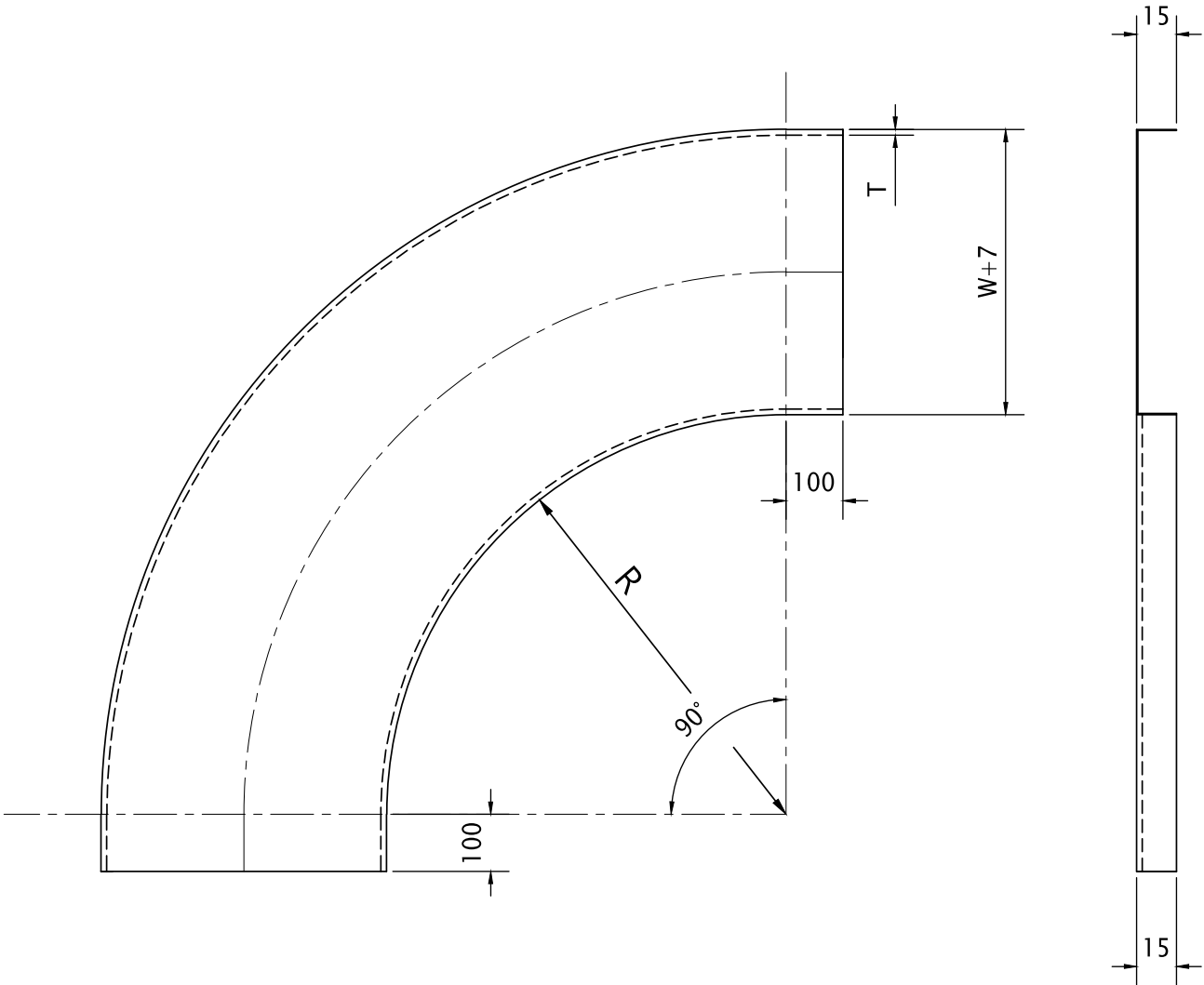
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-003

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR 90° HORIZONTAL TRAY ELBOW

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	1.58	HVT-HEC90W2R3	2.45	HVT-HEC90W2R6
300	2.46	HVT-HEC90W3R3	3.81	HVT-HEC90W3R6
400	3.46	HVT-HEC90W4R3	5.36	HVT-HEC90W4R6
500	5.52	HVT-HEC90W5R3	8.56	HVT-HEC90W5R6
600	7.04	HVT-HEC90W6R3	10.91	HVT-HEC90W6R6
700	8.71	HVT-HEC90W7R3	13.51	HVT-HEC90W7R6
800	10.52	HVT-HEC90W8R3	16.31	HVT-HEC90W8R6
900	12.49	HVT-HEC90W9R3	19.36	HVT-HEC90W9R6
1000	14.61	HVT-HEC90W10R3	22.64	HVT-HEC90W10R6

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m ² 제작 기준 제작사양서 참조

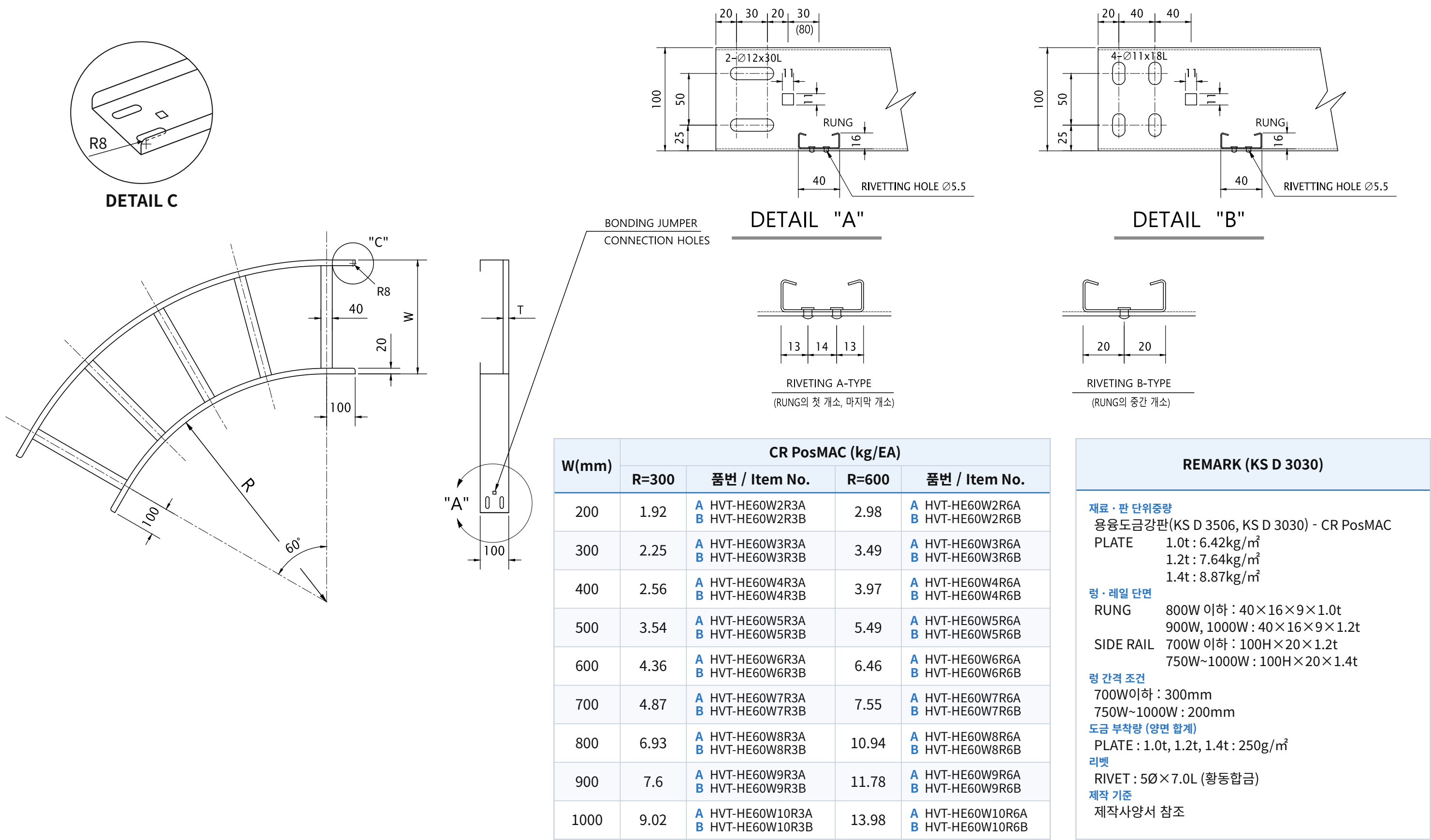
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-004

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

60° CR HORIZONTAL TRAY ELBOW

UNIT mm · N.S.



주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-005

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR 60° HORIZONTAL TRAY ELBOW

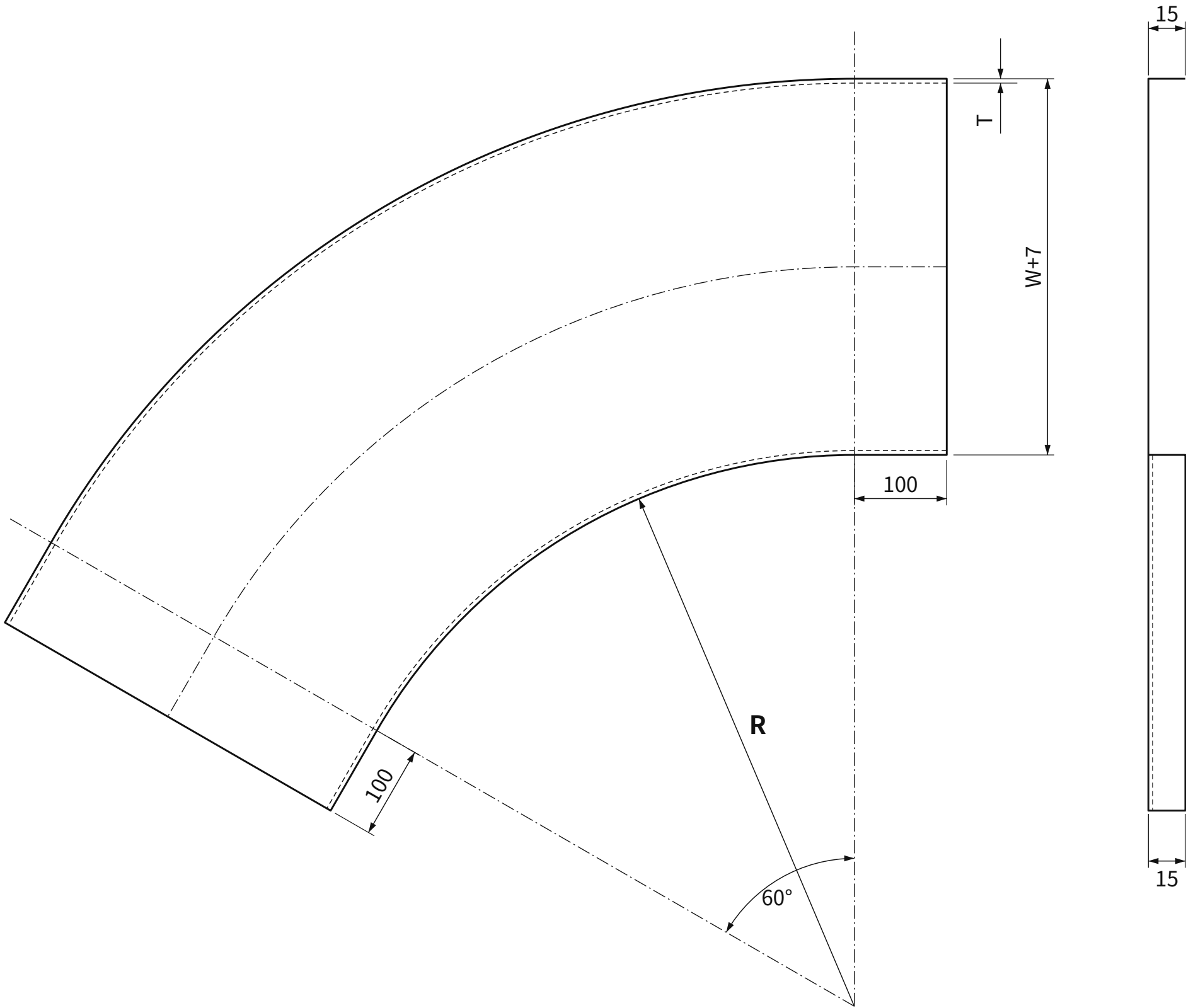
UNIT mm · N.S.

규격표 · CR PosMAC

W (mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	1.09	HVT-HEC60W2R3	1.61	HVT-HEC60W2R6
300	1.68	HVT-HEC60W3R3	2.4	HVT-HEC60W3R6
400	2.34	HVT-HEC60W4R3	3.27	HVT-HEC60W4R6
500	3.06	HVT-HEC60W5R3	4.21	HVT-HEC60W5R6
600	3.86	HVT-HEC60W6R3	5.2	HVT-HEC60W6R6
700	6.7	HVT-HEC60W7R3	6.31	HVT-HEC60W7R6
800	5.67	HVT-HEC60W8R3	7.46	HVT-HEC60W8R6
900	6.68	HVT-HEC60W9R3	8.68	HVT-HEC60W9R6
1000	7.76	HVT-HEC60W10R3	9.98	HVT-HEC60W10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42 kg/m²
도금 부착량 (양면 합계)
PLATE 1.0t : 250 g/m²
제작 기준
제작사양서 참조



주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

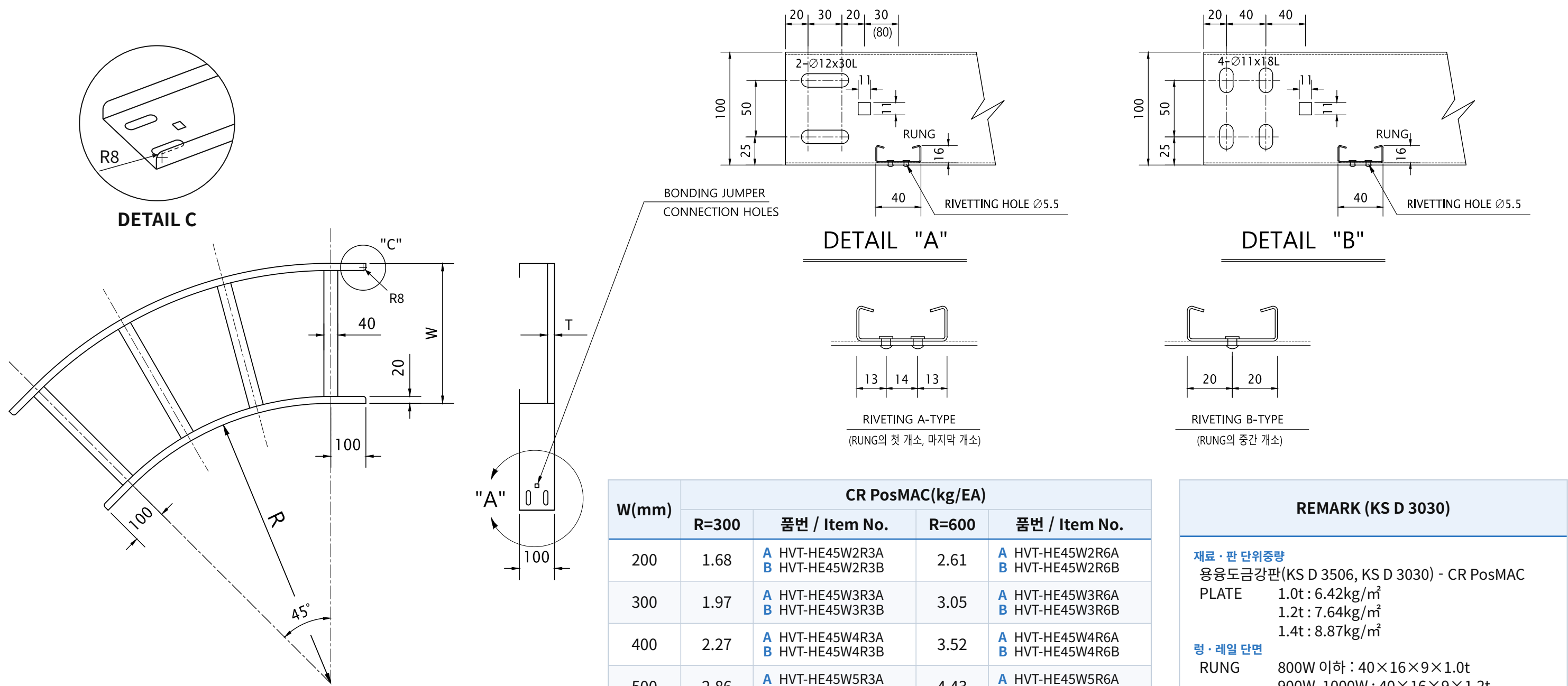
HVT-CR-006

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

45° CR HORIZONTAL TRAY ELBOW

UNIT mm · N.S.

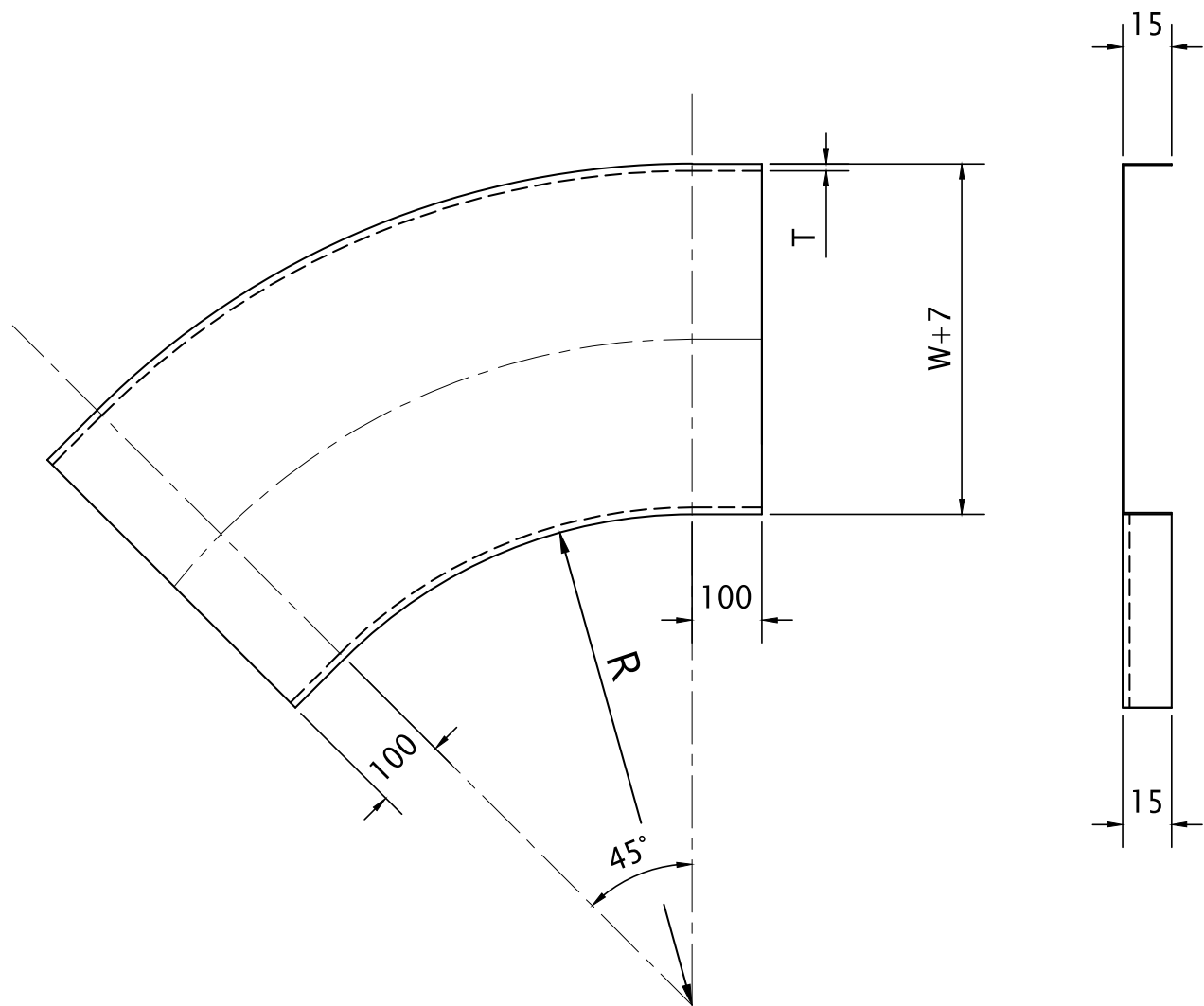


W(mm)	CR PosMAC(kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	1.68	A HVT-HE45W2R3A B HVT-HE45W2R3B	2.61	A HVT-HE45W2R6A B HVT-HE45W2R6B
300	1.97	A HVT-HE45W3R3A B HVT-HE45W3R3B	3.05	A HVT-HE45W3R6A B HVT-HE45W3R6B
400	2.27	A HVT-HE45W4R3A B HVT-HE45W4R3B	3.52	A HVT-HE45W4R6A B HVT-HE45W4R6B
500	2.86	A HVT-HE45W5R3A B HVT-HE45W5R3B	4.43	A HVT-HE45W5R6A B HVT-HE45W5R6B
600	3.21	A HVT-HE45W6R3A B HVT-HE45W6R3B	4.98	A HVT-HE45W6R6A B HVT-HE45W6R6B
700	3.56	A HVT-HE45W7R3A B HVT-HE45W7R3B	5.52	A HVT-HE45W7R6A B HVT-HE45W7R6B
800	5.19	A HVT-HE45W8R3A B HVT-HE45W8R3B	8.04	A HVT-HE45W8R6A B HVT-HE45W8R6B
900	5.68	A HVT-HE45W9R3A B HVT-HE45W9R3B	8.81	A HVT-HE45W9R6A B HVT-HE45W9R6B
1000	10.03	A HVT-HE45W10R3A B HVT-HE45W10R3B	9.56	A HVT-HE45W10R6A B HVT-HE45W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판(KS D 3506, KS D 3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
형 · 레일 단면 RUNG 800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t SIDE RAIL 700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
형 간격 조건 700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계) PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳 RIVET : 5Ø×7.0L (황동합금)
제작 기준 제작사양서 참조

CR COVER FOR 45° HORIZONTAL TRAY ELBOW

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	0.98	HVT-HEC45W2R3	1.52	HVT-HEC45W2R6
300	1.5	HVT-HEC45W3R3	2.33	HVT-HEC45W3R6
400	2.08	HVT-HEC45W4R3	3.22	HVT-HEC45W4R6
500	3.29	HVT-HEC45W5R3	5.09	HVT-HEC45W5R6
600	4.14	HVT-HEC45W6R3	6.41	HVT-HEC45W6R6
700	5.07	HVT-HEC45W7R3	7.86	HVT-HEC45W7R6
800	6.08	HVT-HEC45W8R3	9.42	HVT-HEC45W8R6
900	7.16	HVT-HEC45W9R3	11.09	HVT-HEC45W9R6
1000	8.31	HVT-HEC45W10R3	12.88	HVT-HEC45W10R6

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m ² 제작 기준 제작사양서 참조

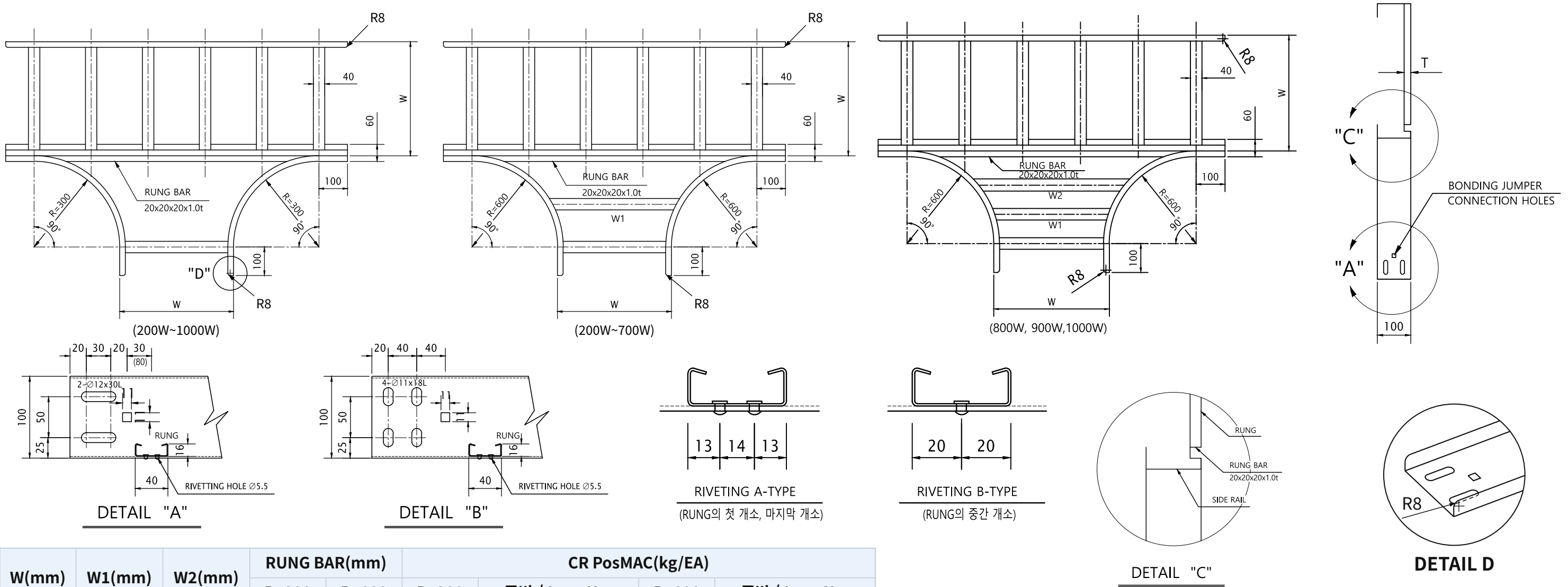
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-008

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR TRAY TEE

UNIT mm · N.S.



W(mm)	W1(mm)	W2(mm)	RUNG BAR(mm)		CR PosMAC(kg/EA)			
			R=300	R=600	R=300	품번 / Item No.	R=600	품번 / Item No.
200	376		755	1355	3.72	A HVT-HTW2R3A B HVT-HTW2R3B	5.77	A HVT-HTW2R6A B HVT-HTW2R6B
300	476		855	1455	4.36	A HVT-HTW3R3A B HVT-HTW3R3B	6.76	A HVT-HTW3R6A B HVT-HTW3R6B
400	576		955	1555	4.75	A HVT-HTW4R3A B HVT-HTW4R3B	7.36	A HVT-HTW4R6A B HVT-HTW4R6B
500	676		1055	1655	5.56	A HVT-HTW5R3A B HVT-HTW5R3B	8.62	A HVT-HTW5R6A B HVT-HTW5R6B
600	776		1155	1755	6.12	A HVT-HTW6R3A B HVT-HTW6R3B	9.49	A HVT-HTW6R6A B HVT-HTW6R6B
700	876		1255	1855	7.12	A HVT-HTW7R3A B HVT-HTW7R3B	11.04	A HVT-HTW7R6A B HVT-HTW7R6B
800	876	1133	1355	1955	9.12	A HVT-HTW8R3A B HVT-HTW8R3B	14.13	A HVT-HTW8R6A B HVT-HTW8R6B
900	976	1233	1455	2055	10.53	A HVT-HTW9R3A B HVT-HTW9R3B	16.32	A HVT-HTW9R6A B HVT-HTW9R6B
1000	1076	1333	1555	2155	11.34	A HVT-HTW10R3A B HVT-HTW10R3B	17.58	A HVT-HTW10R6A B HVT-HTW10R6B

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판(KS D 3506, KS D 3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²	형 간격 조건 700W이하 : 300mm 750W~1000W : 200mm 도금 부착량 (양면 합계) PLATE : 1.0t, 1.2t, 1.4t : 250g/m ² 리벳 RIVET : 5Ø×7.0L (황동합금)
형 · 레일 단위 RUNG 800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t SIDE RAIL 700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t	제작 기준 제작사양서 참조

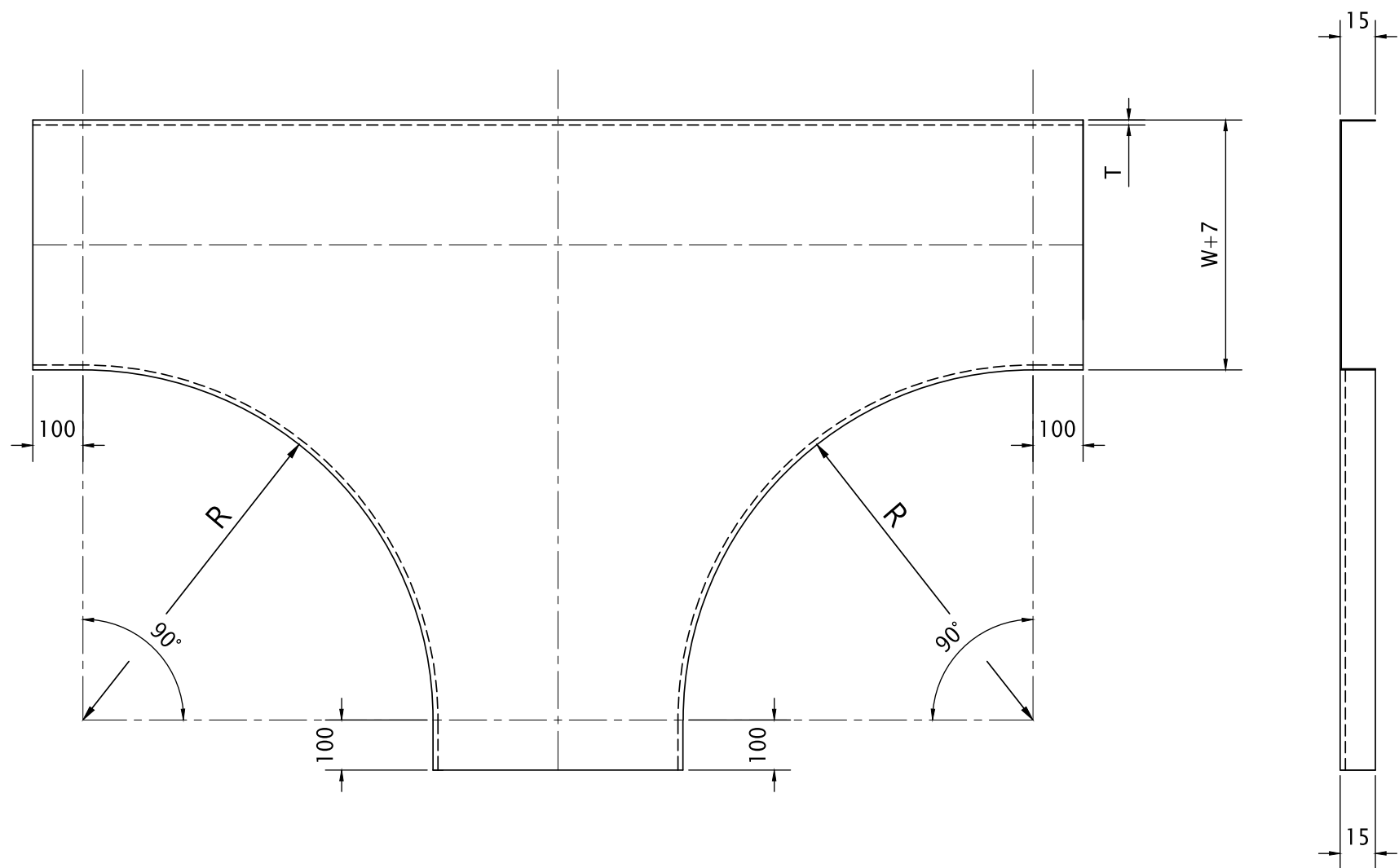
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-009

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR TRAY TEE

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	2.87	HVT-HTCW2R3	4.45	HVT-HTCW2R6
300	4.24	HVT-HTCW3R3	6.57	HVT-HTCW3R6
400	5.76	HVT-HTCW4R3	8.92	HVT-HTCW4R6
500	8.94	HVT-HTCW5R3	13.86	HVT-HTCW5R6
600	11.16	HVT-HTCW6R3	17.29	HVT-HTCW6R6
700	13.56	HVT-HTCW7R3	21.01	HVT-HTCW7R6
800	16.17	HVT-HTCW8R3	25.06	HVT-HTCW8R6
900	18.96	HVT-HTCW9R3	29.39	HVT-HTCW9R6
1000	21.95	HVT-HTCW10R3	34.02	HVT-HTCW10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42kg/m²
도금 부착량 (양면 합계)
PLATE : 1.0t : 250g/m²
제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

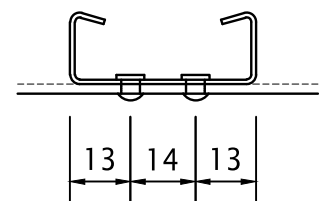
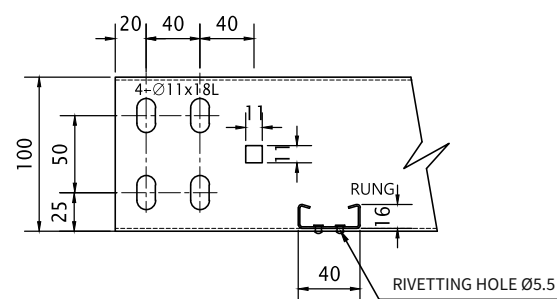
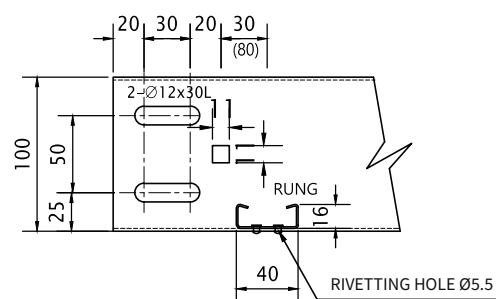
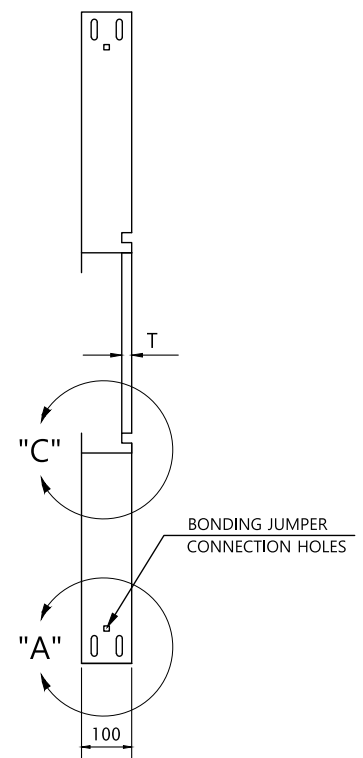
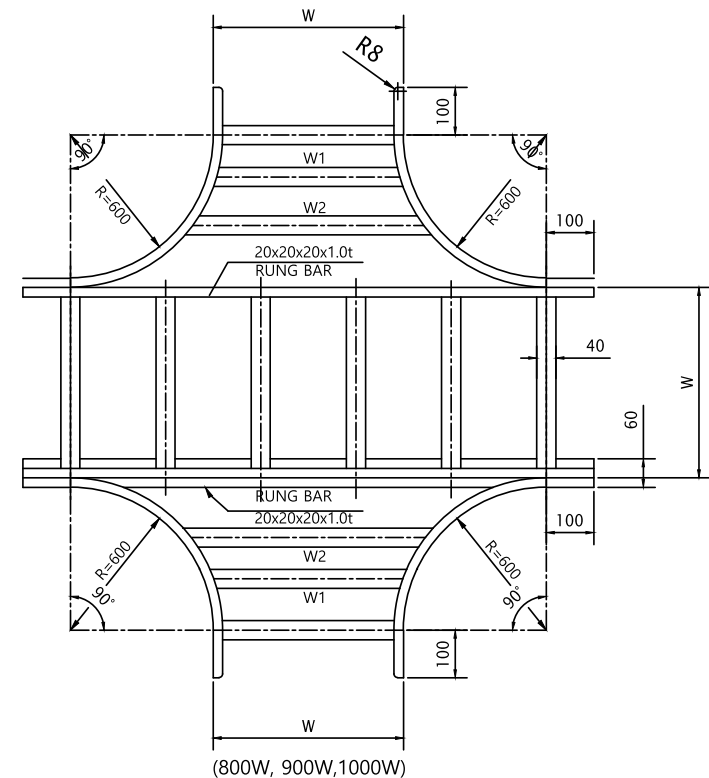
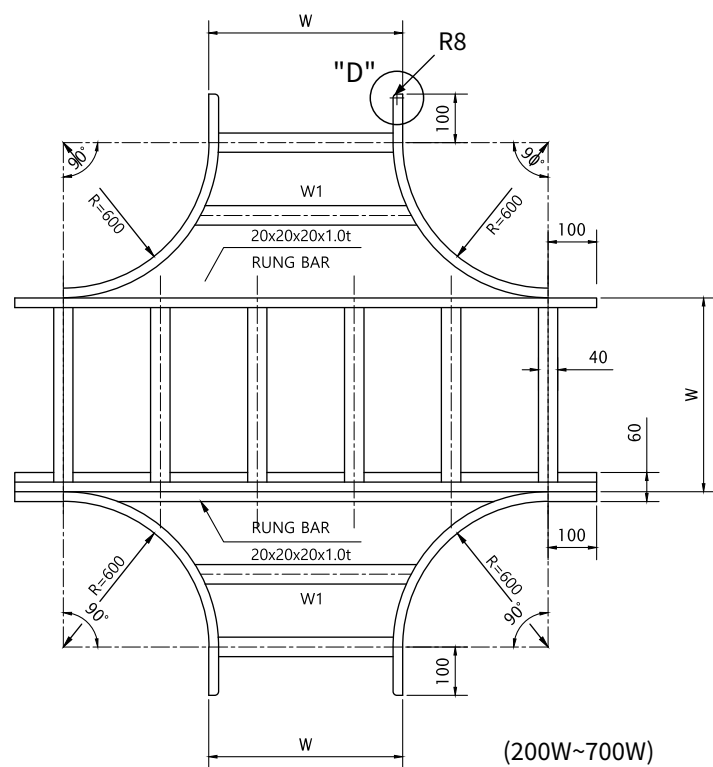
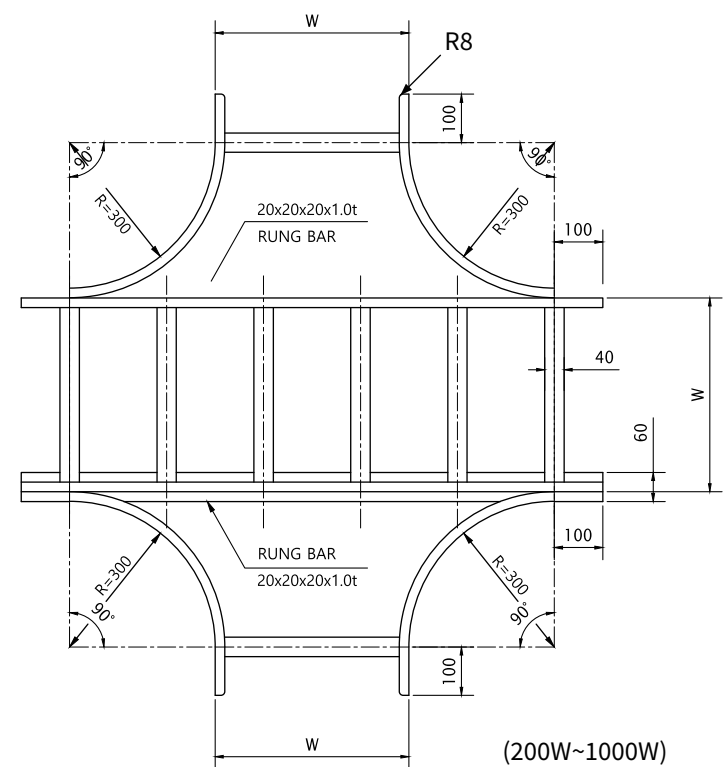
HVT-CR-010

UNIT mm · SCALE N.S.

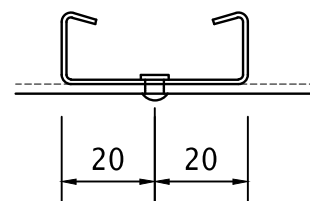
REV. 2026.01 · 2026-09-14

CR TRAY CROSS

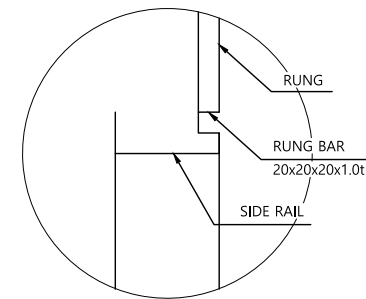
UNIT mm · N.S.



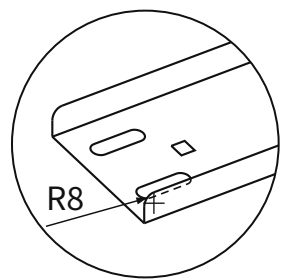
RIVETING A-TYPE
(RUNG의 첫 개소, 마지막 개소)



RIVETING B-TYPE
(RUNG의 중간 개소)



DETAIL "C"



DETAIL D

W(mm)	W1(mm)	W2(mm)	RUNG BAR(mm)		CR PosMAC(kg/EA)		품번 · HVT- 생략 HVT- prefix omitted			
			R=300	R=600	R=300	R=600	R=300 A	R=300 B	R=600 A	R=600 B
200	376		755	1355	4.28	6.63	HXW2R3A	HXW2R3B	HXW2R6A	HXW2R6B
300	476		855	1455	4.73	7.33	HXW3R3A	HXW3R3B	HXW3R6A	HXW3R6B
400	576		955	1555	5.18	8.03	HXW4R3A	HXW4R3B	HXW4R6A	HXW4R6B
500	676		1055	1655	6.4	9.92	HXW5R3A	HXW5R3B	HXW5R6A	HXW5R6B
600	776		1155	1755	7	10.85	HXW6R3A	HXW6R3B	HXW6R6A	HXW6R6B
700	876		1255	1855	7.36	11.41	HXW7R3A	HXW7R3B	HXW7R6A	HXW7R6B
800	876	1133	1355	1955	9.33	14.46	HXW8R3A	HXW8R3B	HXW8R6A	HXW8R6B
900	976	1233	1455	2055	10.68	16.55	HXW9R3A	HXW9R3B	HXW9R6A	HXW9R6B
1000	1076	1333	1555	2155	11.42	17.7	HXW10R3A	HXW10R3B	HXW10R6A	HXW10R6B

REMARK (KS D 3030)

재료 · 판 단위중량

용융도금강판(KS D 3506, KS D 3030) -
CR PosMAC

PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²

형 · 레일 단면

RUNG 800W 이하 : 40×16×9×1.0t
900W, 1000W : 40×16×9×1.2t
SIDE RAIL 700W 이하 : 100H×20×1.2t
750W~1000W : 100H×20×1.4t

형 간격 조건

700W이하 : 300mm
750W~1000W : 200mm

도금 부착량 (양면 합계)

PLATE : 1.0t, 1.2t, 1.4t : 250g/m²

리벳

RIVET : 5Ø×7.0L (황동합금)

제작 기준

제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

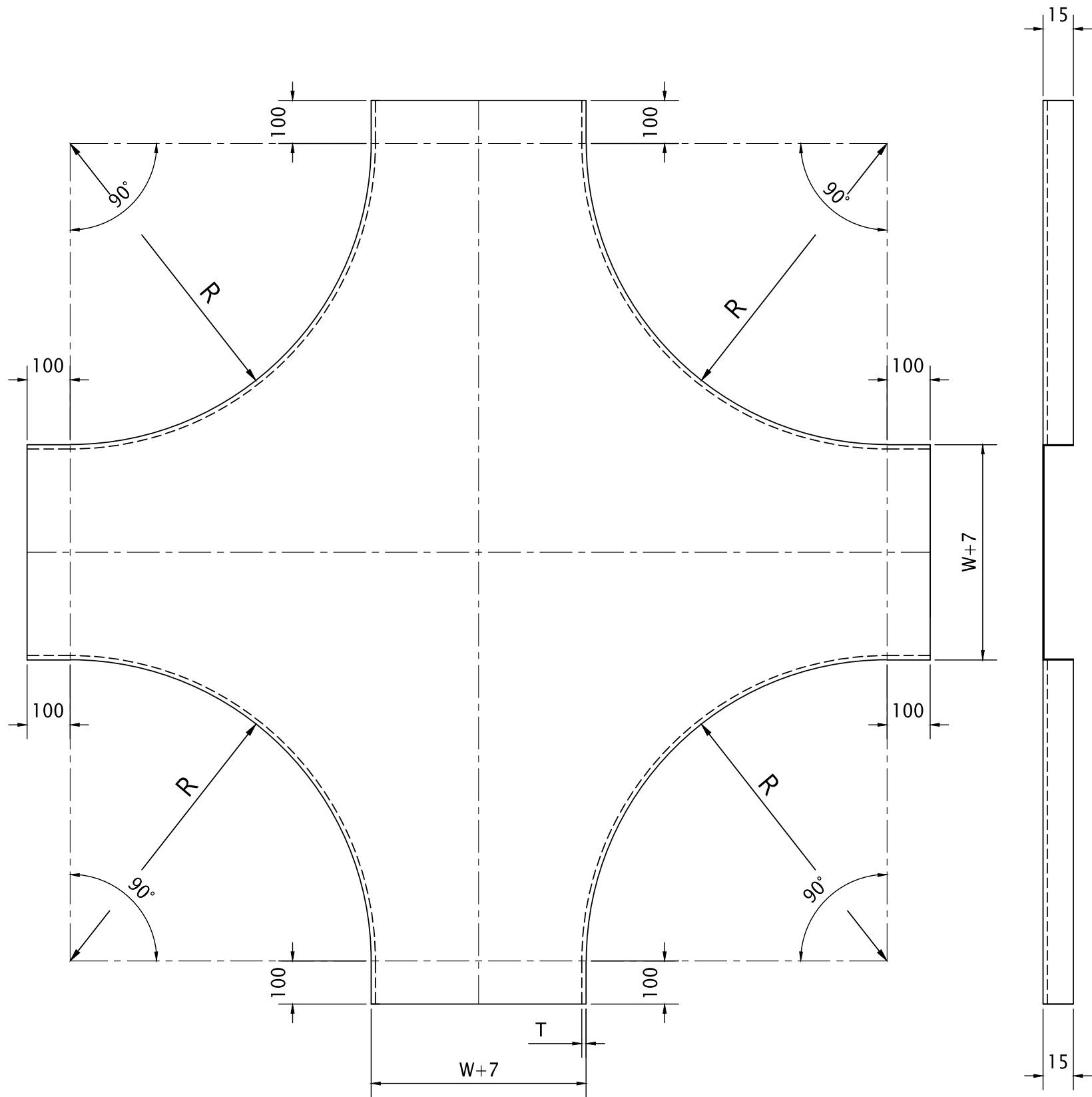
HVT-CR-011

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR COVER FOR TRAY CROSS

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	3.85	HVT-HXCW2R3	5.96	HVT-HXCW2R6
300	5.52	HVT-HXCW3R3	8.56	HVT-HXCW3R6
400	7.35	HVT-HXCW4R3	11.39	HVT-HXCW4R6
500	11.21	HVT-HXCW5R3	17.37	HVT-HXCW5R6
600	13.79	HVT-HXCW6R3	21.37	HVT-HXCW6R6
700	16.56	HVT-HXCW7R3	25.67	HVT-HXCW7R6
800	19.53	HVT-HXCW8R3	30.27	HVT-HXCW8R6
900	22.69	HVT-HXCW9R3	35.17	HVT-HXCW9R6
1000	26.03	HVT-HXCW10R3	40.35	HVT-HXCW10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42kg/m²
도금 부착량 (양면 합계)
PLATE : 1.0t : 250g/m²
제작 기준
제작사양서 참조

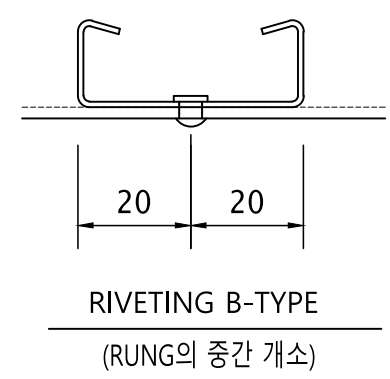
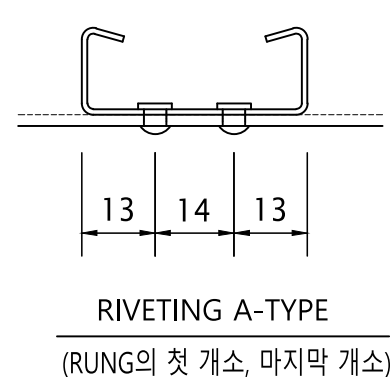
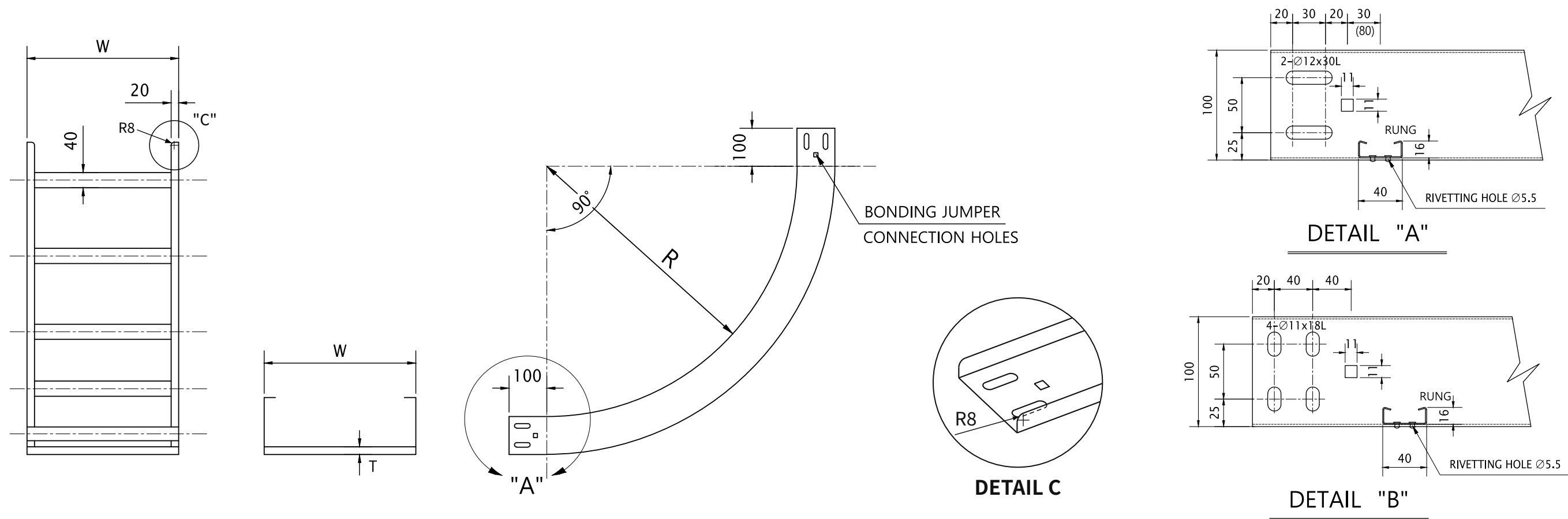
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-012

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

90° CR VERTICAL TRAY ELBOW (INSIDE)

UNIT mm · N.S.

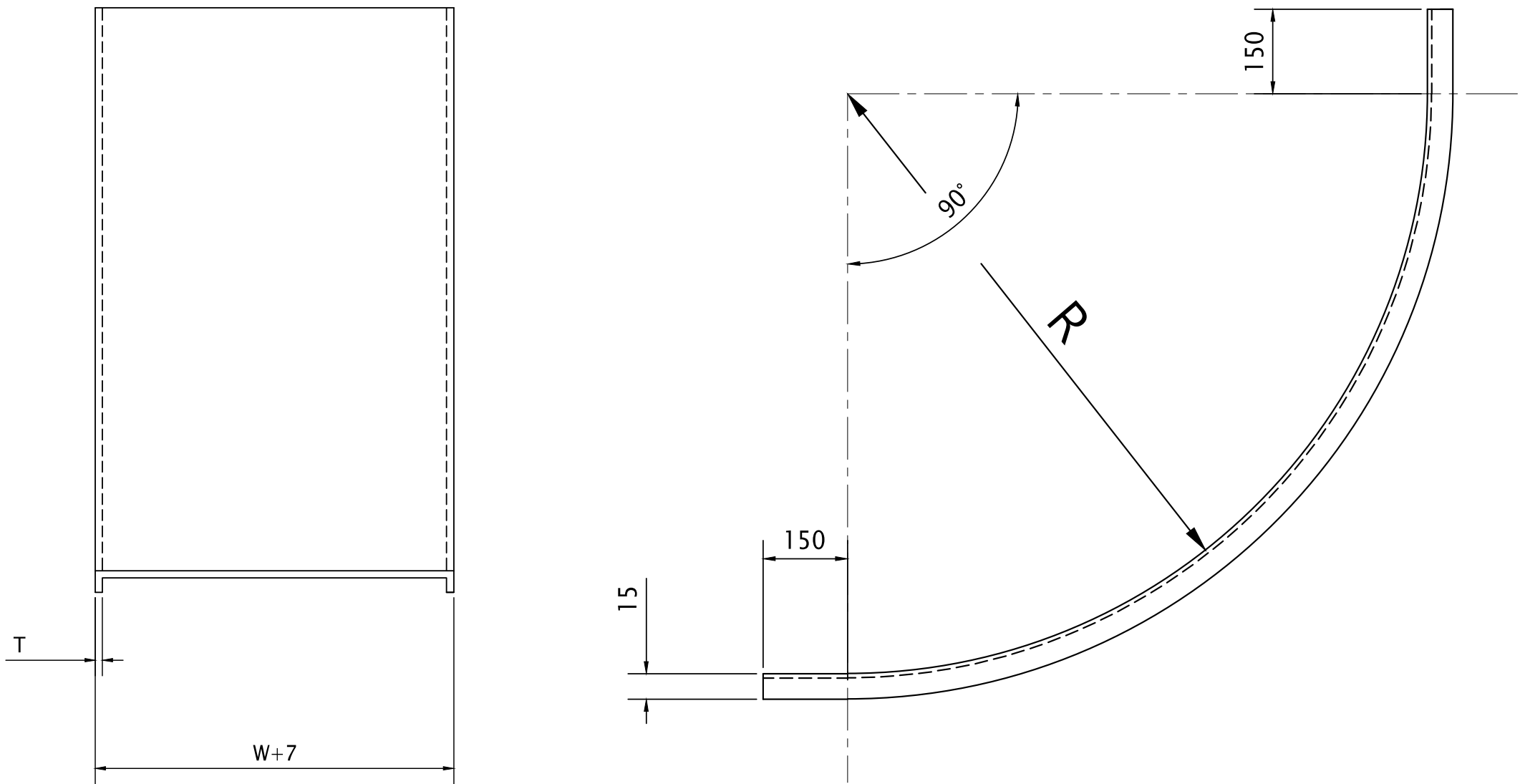


W(mm)	CR PosMAC (kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	2.33	A HVT-VEI90W2R3A B HVT-VEI90W2R3B	3.61	A HVT-VEI90W2R6A B HVT-VEI90W2R6B
300	2.58	A HVT-VEI90W3R3A B HVT-VEI90W3R3B	3.9	A HVT-VEI90W3R6A B HVT-VEI90W3R6B
400	2.83	A HVT-VEI90W4R3A B HVT-VEI90W4R3B	4.39	A HVT-VEI90W4R6A B HVT-VEI90W4R6B
500	3.08	A HVT-VEI90W5R3A B HVT-VEI90W5R3B	4.77	A HVT-VEI90W5R6A B HVT-VEI90W5R6B
600	3.33	A HVT-VEI90W6R3A B HVT-VEI90W6R3B	5.16	A HVT-VEI90W6R6A B HVT-VEI90W6R6B
700	3.58	A HVT-VEI90W7R3A B HVT-VEI90W7R3B	5.55	A HVT-VEI90W7R6A B HVT-VEI90W7R6B
800	3.83	A HVT-VEI90W8R3A B HVT-VEI90W8R3B	5.94	A HVT-VEI90W8R6A B HVT-VEI90W8R6B
900	4.08	A HVT-VEI90W9R3A B HVT-VEI90W9R3B	6.32	A HVT-VEI90W9R6A B HVT-VEI90W9R6B
1000	4.33	A HVT-VEI90W10R3A B HVT-VEI90W10R3B	6.71	A HVT-VEI90W10R6A B HVT-VEI90W10R6B

REMARK (KS D 3030)	
재료 · 판 단위중량	용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE	1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면	
RUNG	800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t
SIDE RAIL	700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건	700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계)	PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳	RIVET : 5Ø×7.0L (황동합금)
제작 기준	제작사양서 참조

CR COVER FOR 90° VERTICAL TRAY ELBOW (INSIDE)

UNIT mm · N.S.

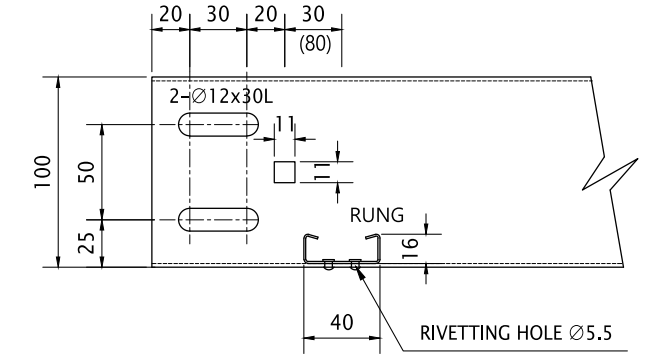
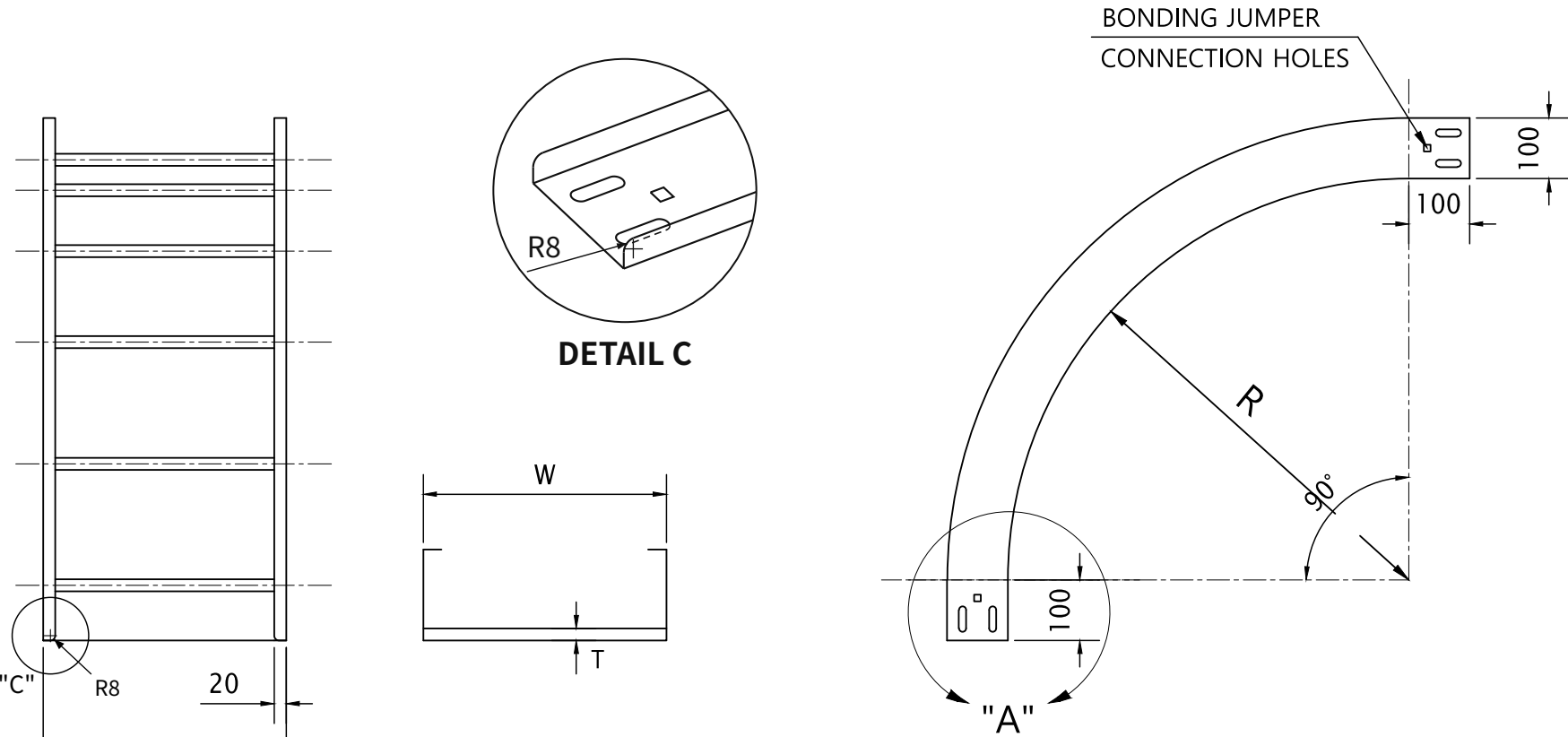


W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	1.28	HVT-VEIC90W2R3	1.98	HVT-VEIC90W2R6
300	1.82	HVT-VEIC90W3R3	2.82	HVT-VEIC90W3R6
400	2.36	HVT-VEIC90W4R3	3.66	HVT-VEIC90W4R6
500	3.47	HVT-VEIC90W5R3	5.38	HVT-VEIC90W5R6
600	4.12	HVT-VEIC90W6R3	6.39	HVT-VEIC90W6R6
700	4.77	HVT-VEIC90W7R3	7.39	HVT-VEIC90W7R6
800	5.41	HVT-VEIC90W8R3	8.38	HVT-VEIC90W8R6
900	6.06	HVT-VEIC90W9R3	9.39	HVT-VEIC90W9R6
1000	9.71	HVT-VEIC90W10R3	15.05	HVT-VEIC90W10R6

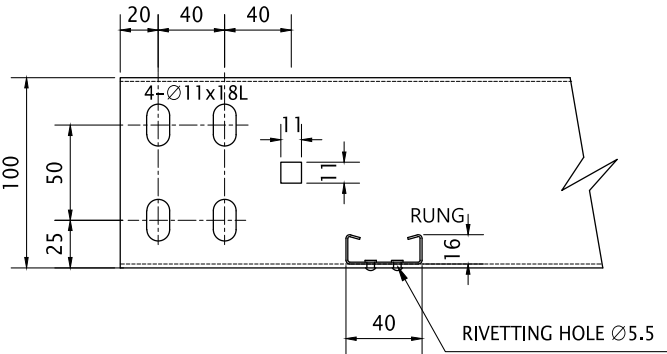
REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m ² 제작 기준 제작사양서 참조

90° CR VERTICAL TRAY ELBOW (OUTSIDE)

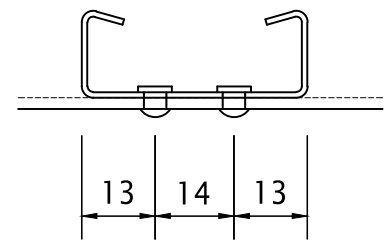
UNIT mm · N.S.



DETAIL "A"

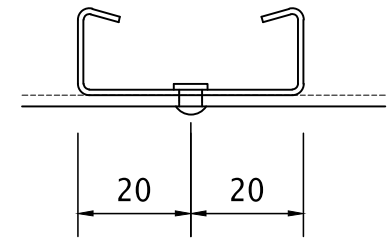


DETAIL "B"



RIVETING A-TYPE

(RUNG의 첫 개소, 마지막 개소)



RIVETING B-TYPE

(RUNG의 중간 개소)

W(mm)	CR PosMAC (kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	2.33	A HVT-VEO90W2R3A B HVT-VEO90W2R3B	3.61	A HVT-VEO90W2R6A B HVT-VEO90W2R6B
300	2.58	A HVT-VEO90W3R3A B HVT-VEO90W3R3B	3.9	A HVT-VEO90W3R6A B HVT-VEO90W3R6B
400	2.83	A HVT-VEO90W4R3A B HVT-VEO90W4R3B	4.39	A HVT-VEO90W4R6A B HVT-VEO90W4R6B
500	3.08	A HVT-VEO90W5R3A B HVT-VEO90W5R3B	4.77	A HVT-VEO90W5R6A B HVT-VEO90W5R6B
600	3.33	A HVT-VEO90W6R3A B HVT-VEO90W6R3B	5.16	A HVT-VEO90W6R6A B HVT-VEO90W6R6B
700	3.58	A HVT-VEO90W7R3A B HVT-VEO90W7R3B	5.55	A HVT-VEO90W7R6A B HVT-VEO90W7R6B
800	3.83	A HVT-VEO90W8R3A B HVT-VEO90W8R3B	5.94	A HVT-VEO90W8R6A B HVT-VEO90W8R6B
900	4.08	A HVT-VEO90W9R3A B HVT-VEO90W9R3B	6.32	A HVT-VEO90W9R6A B HVT-VEO90W9R6B
1000	4.33	A HVT-VEO90W10R3A B HVT-VEO90W10R3B	6.71	A HVT-VEO90W10R6A B HVT-VEO90W10R6B

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²

링 · 레일 단면
RUNG 800W 이하 : 40×16×9×1.0t
900W, 1000W : 40×16×9×1.2t
SIDE RAIL 700W 이하 : 100H×20×1.2t
750W~1000W : 100H×20×1.4t

링 간격 조건
700W이하 : 300mm
750W~1000W : 200mm

도금 부착량 (양면 합계)
PLATE : 1.0t, 1.2t, 1.4t : 250g/m²

리벳
RIVET : 5Ø×7.0L (황동합금)

제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

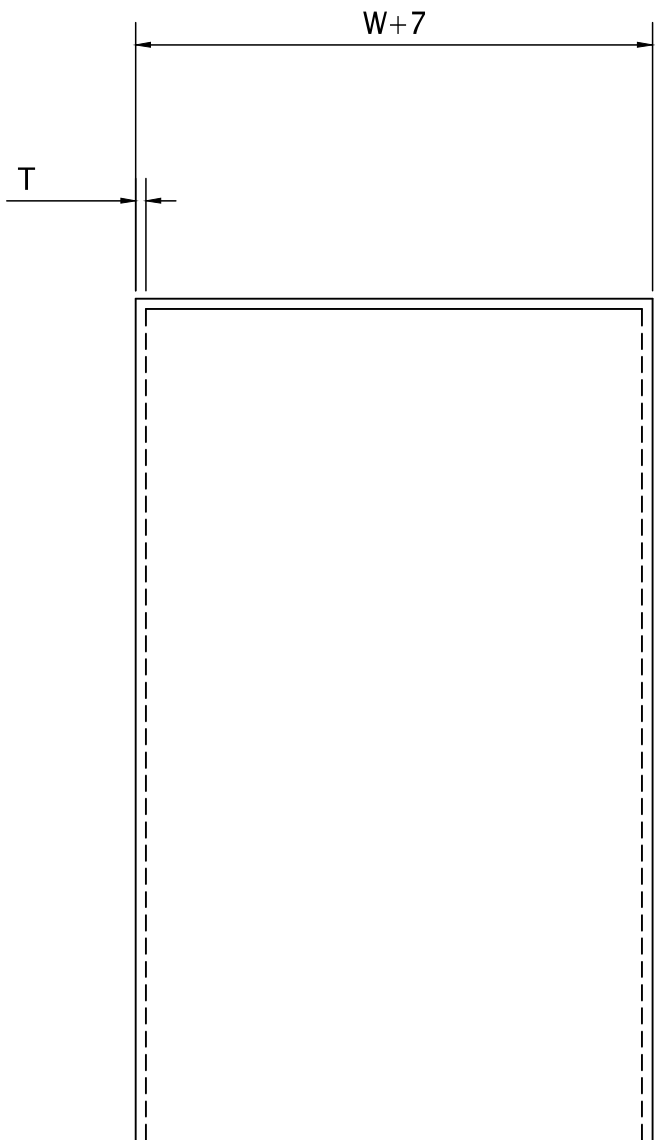
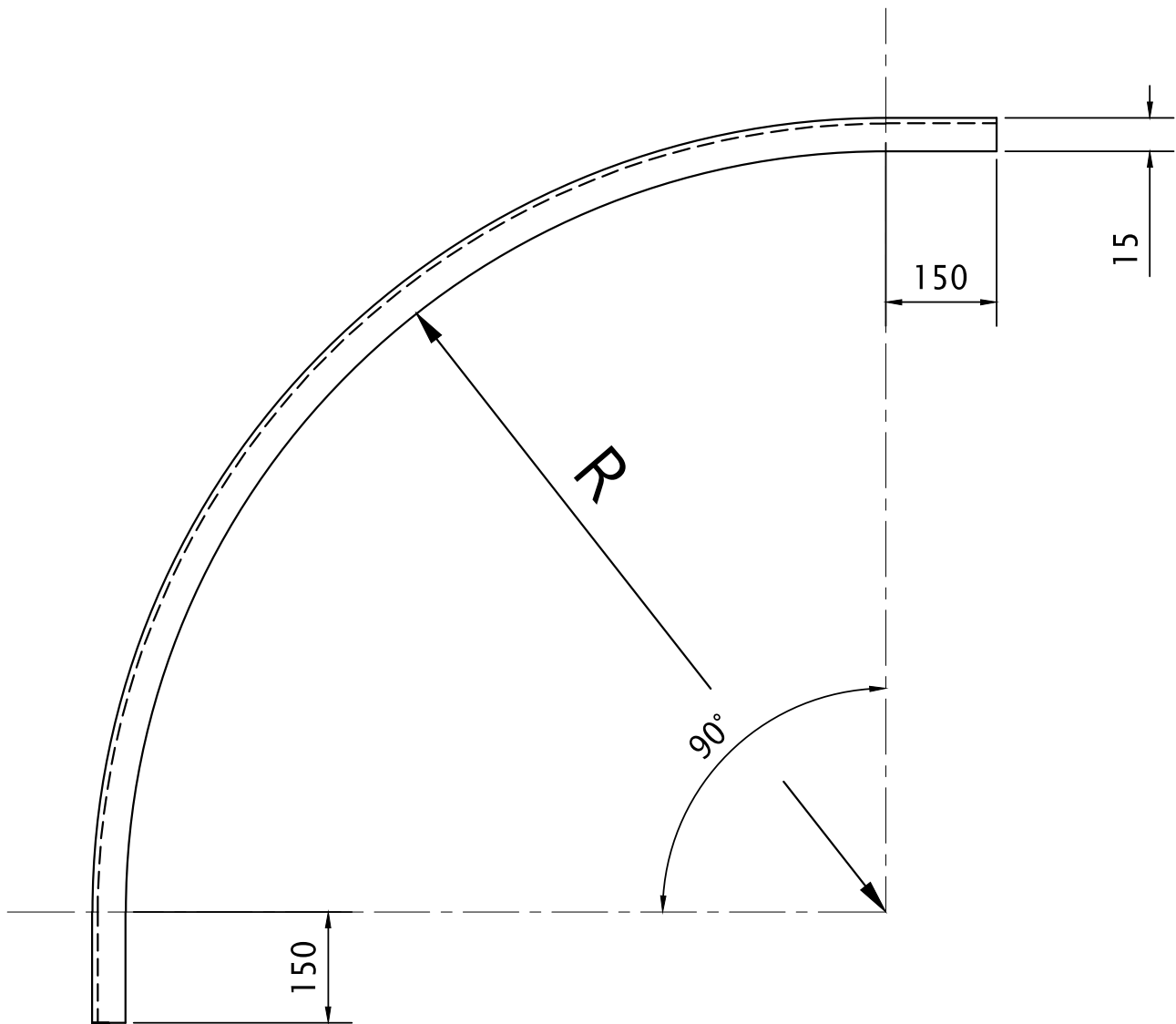
HVT-CR-015

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR COVER FOR 90° VERTICAL TRAY ELBOW (OUTSIDE)

UNIT mm · N.S.



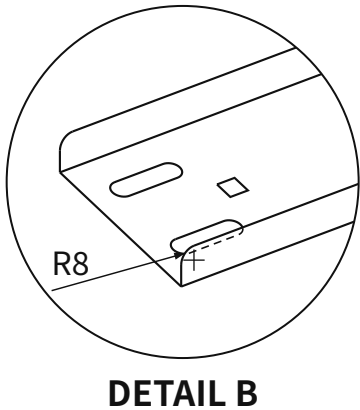
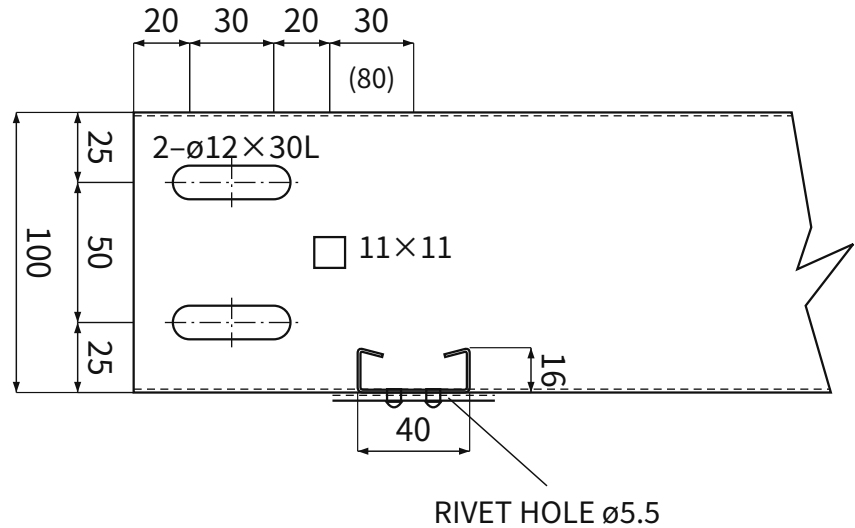
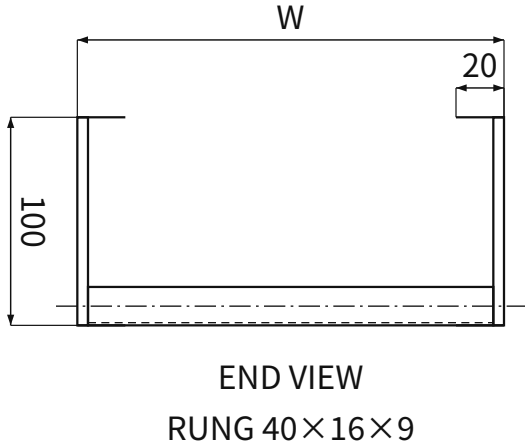
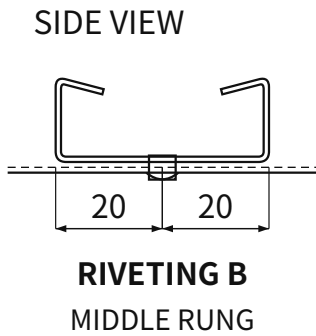
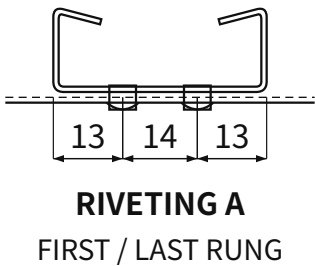
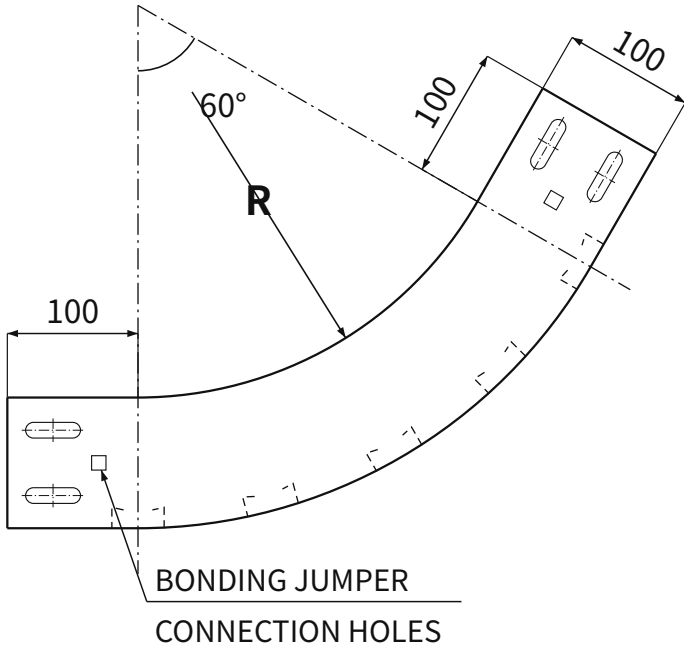
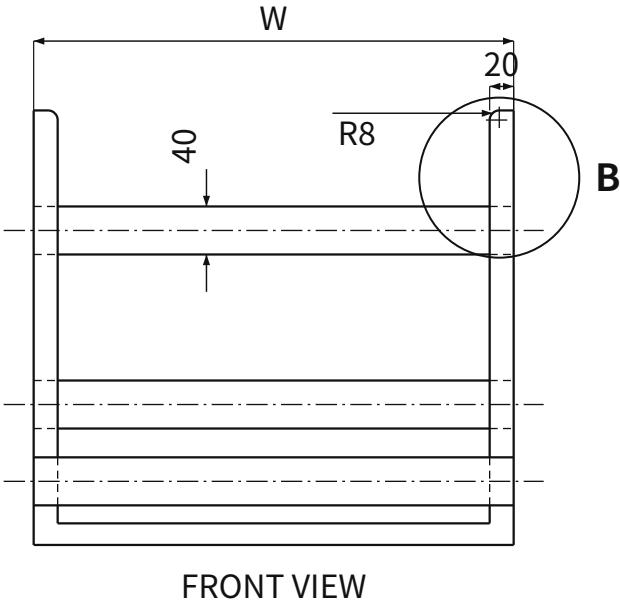
W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	1.28	HVT-VEOC90W2R3	1.98	HVT-VEOC90W2R6
300	1.82	HVT-VEOC90W3R3	2.82	HVT-VEOC90W3R6
400	2.36	HVT-VEOC90W4R3	3.66	HVT-VEOC90W4R6
500	3.47	HVT-VEOC90W5R3	5.38	HVT-VEOC90W5R6
600	4.12	HVT-VEOC90W6R3	6.39	HVT-VEOC90W6R6
700	4.77	HVT-VEOC90W7R3	7.39	HVT-VEOC90W7R6
800	5.41	HVT-VEOC90W8R3	8.38	HVT-VEOC90W8R6
900	6.06	HVT-VEOC90W9R3	9.39	HVT-VEOC90W9R6
1000	9.71	HVT-VEOC90W10R3	15.05	HVT-VEOC90W10R6

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m² 제작 기준 제작사양서 참조	

60° CR VERTICAL TRAY ELBOW (INSIDE)

R 300 / 600

UNIT mm · N.S.



W (mm)	R=300 CR PosMAC kg/EA	품번 / Item No.	R=600 CR PosMAC kg/EA	품번 / Item No.
200	1.74	HVT-VEI60W2R3	2.72	HVT-VEI60W2R6
300	1.93	HVT-VEI60W3R3	2.97	HVT-VEI60W3R6
400	2.09	HVT-VEI60W4R3	3.21	HVT-VEI60W4R6
500	2.25	HVT-VEI60W5R3	3.46	HVT-VEI60W5R6
600	2.42	HVT-VEI60W6R3	3.71	HVT-VEI60W6R6
700	2.57	HVT-VEI60W7R3	3.95	HVT-VEI60W7R6
800	3.76	HVT-VEI60W8R3	6.06	HVT-VEI60W8R6
900	4.56	HVT-VEI60W9R3	7.39	HVT-VEI60W9R6
1000	4.86	HVT-VEI60W10R3	7.89	HVT-VEI60W10R6

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 CR PosMAC KS D 3506 / KS D 3030 PLATE 1.0t: 6.42 kg/m ² PLATE 1.2t: 7.64 kg/m ² PLATE 1.4t: 8.87 kg/m ²	형 간격 조건 700W 이하: 300 mm 750W~1000W: 200 mm 도금 부착량 (양면 합계) PLATE 1.0t, 1.2t, 1.4t: 250 g/m ² 리벳 RIVET: ø5×7.0L (황동합금) 제작 기준 제작사양서 참조
링 · 레일 단면 RUNG 800W 이하: 40×16×9×1.0t RUNG 900W, 1000W: 40×16×9×1.2t SIDE RAIL 700W 이하: 100H×20×1.2t SIDE RAIL 750W~1000W: 100H×20×1.4t	

주식회사 한빛트레이
HANVIT TRAY CO., LTD.

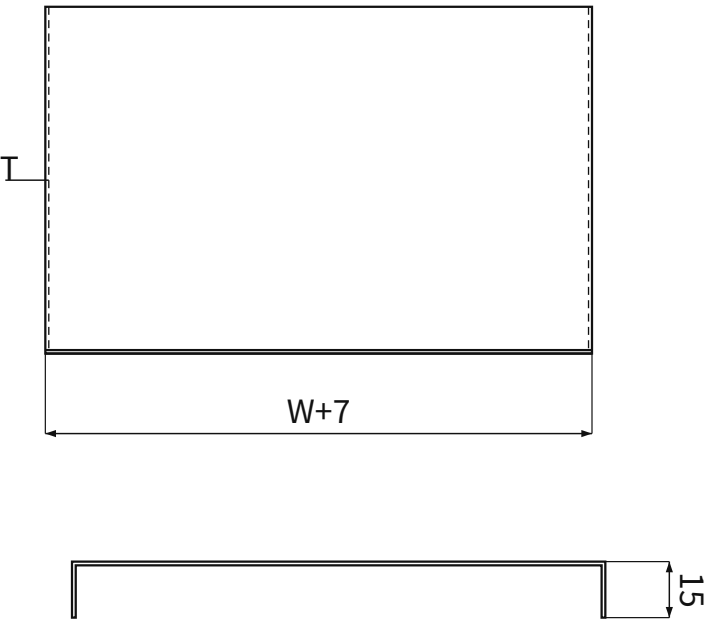
도면번호 / DRAWING NO.
HVT-CR-017

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

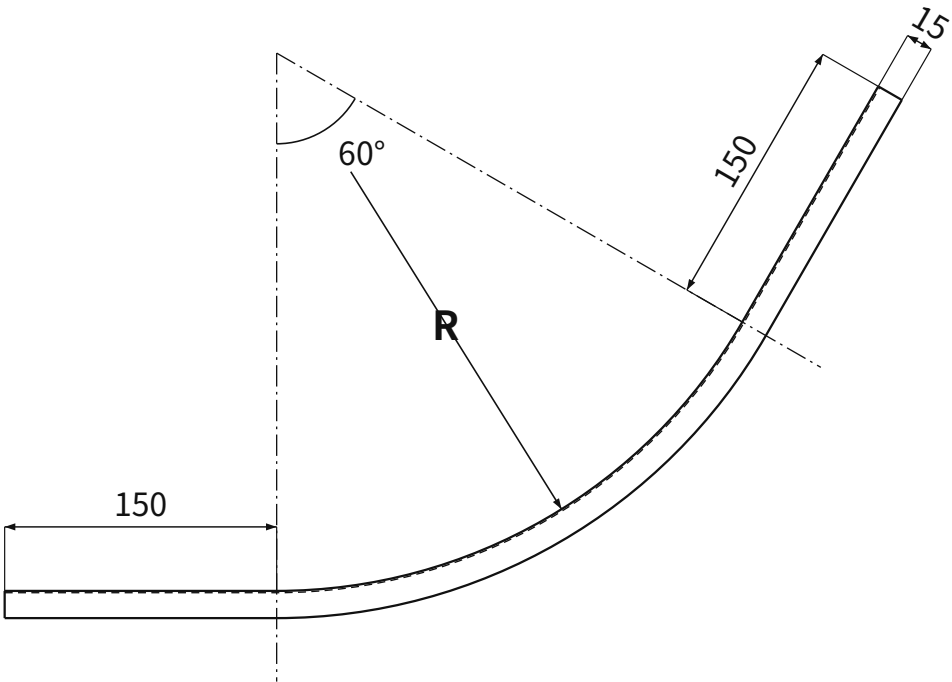
CR COVER FOR 60° VERTICAL TRAY ELBOW (INSIDE)

R 296.5 / 596.5

UNIT mm · N.S.



END SECTION · T=1.0



SIDE VIEW

W (mm)	R=296.5 CR PosMAC kg/EA	품번 / Item No.	R=596.5 CR PosMAC kg/EA	품번 / Item No.
200	1.09	HVT-VEIC60W2R3	1.77	HVT-VEIC60W2R6
300	1.56	HVT-VEIC60W3R3	2.52	HVT-VEIC60W3R6
400	2.02	HVT-VEIC60W4R3	3.27	HVT-VEIC60W4R6
500	2.48	HVT-VEIC60W5R3	4.02	HVT-VEIC60W5R6
600	2.95	HVT-VEIC60W6R3	4.77	HVT-VEIC60W6R6
700	3.41	HVT-VEIC60W7R3	5.51	HVT-VEIC60W7R6
800	3.88	HVT-VEIC60W8R3	6.26	HVT-VEIC60W8R6
900	4.34	HVT-VEIC60W9R3	7.01	HVT-VEIC60W9R6
1000	4.81	HVT-VEIC60W10R3	7.76	HVT-VEIC60W10R6

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t: 6.42 kg/m ²	도금 부착량 (양면 합계) PLATE 1.0t: 250 g/m ² 제작 기준 제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

HVT-CR-018

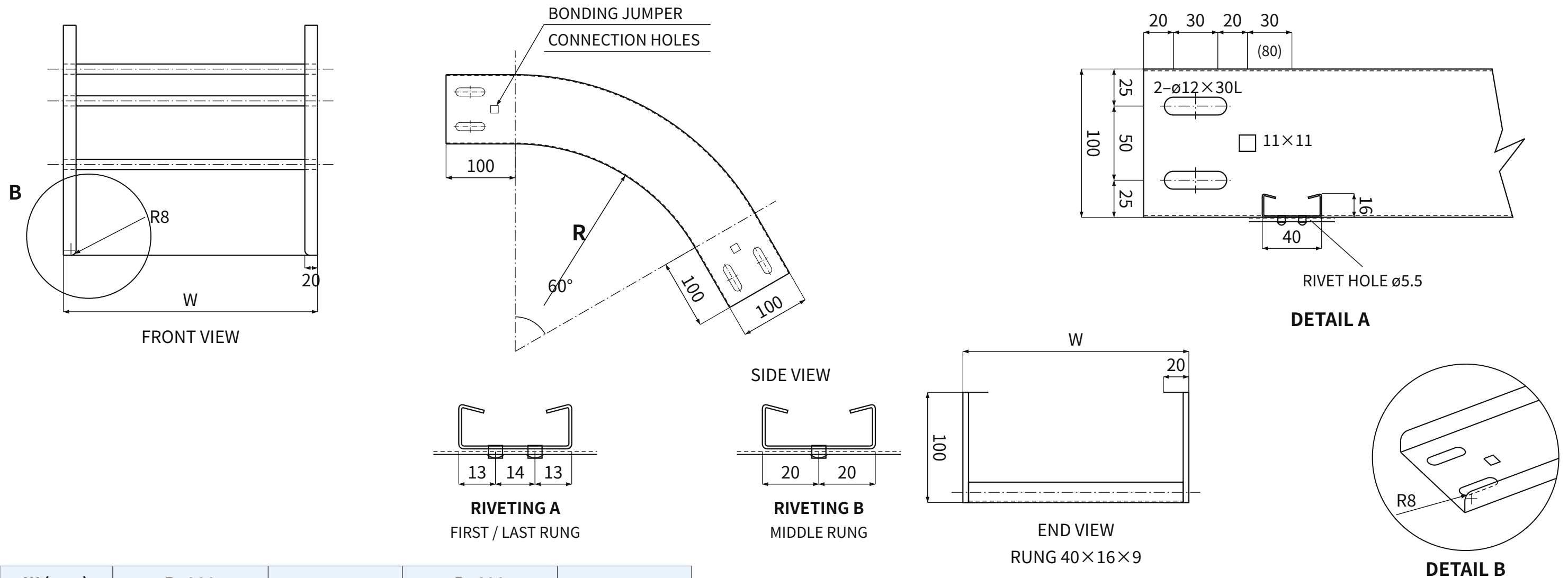
UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

60° CR VERTICAL TRAY ELBOW (OUTSIDE)

R 300 / 600

UNIT mm · N.S.



W (mm)	R=300 CR PosMAC kg/EA	품번 / Item No.	R=600 CR PosMAC kg/EA	품번 / Item No.
200	1.74	HVT-VEO60W2R3	2.72	HVT-VEO60W2R6
300	1.93	HVT-VEO60W3R3	2.97	HVT-VEO60W3R6
400	2.09	HVT-VEO60W4R3	3.21	HVT-VEO60W4R6
500	2.25	HVT-VEO60W5R3	3.46	HVT-VEO60W5R6
600	2.42	HVT-VEO60W6R3	3.71	HVT-VEO60W6R6
700	2.57	HVT-VEO60W7R3	3.95	HVT-VEO60W7R6
800	3.76	HVT-VEO60W8R3	6.06	HVT-VEO60W8R6
900	4.56	HVT-VEO60W9R3	7.39	HVT-VEO60W9R6
1000	4.86	HVT-VEO60W10R3	7.89	HVT-VEO60W10R6

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 CR PosMAC KS D 3506 / KS D 3030 PLATE 1.0t: 6.42 kg/m ² PLATE 1.2t: 7.64 kg/m ² PLATE 1.4t: 8.87 kg/m ²	형 간격 조건 700W 이하: 300 mm 750W~1000W: 200 mm
링 · 레일 단면 RUNG 800W 이하: 40×16×9×1.0t RUNG 900W, 1000W: 40×16×9×1.2t SIDE RAIL 700W 이하: 100H×20×1.2t SIDE RAIL 750W~1000W: 100H×20×1.4t	도금 부착량 (양면 합계) PLATE 1.0t, 1.2t, 1.4t: 250 g/m ² 리벳 RIVET: ø5×7.0L (황동합금) 제작 기준 제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

HVT-CR-019

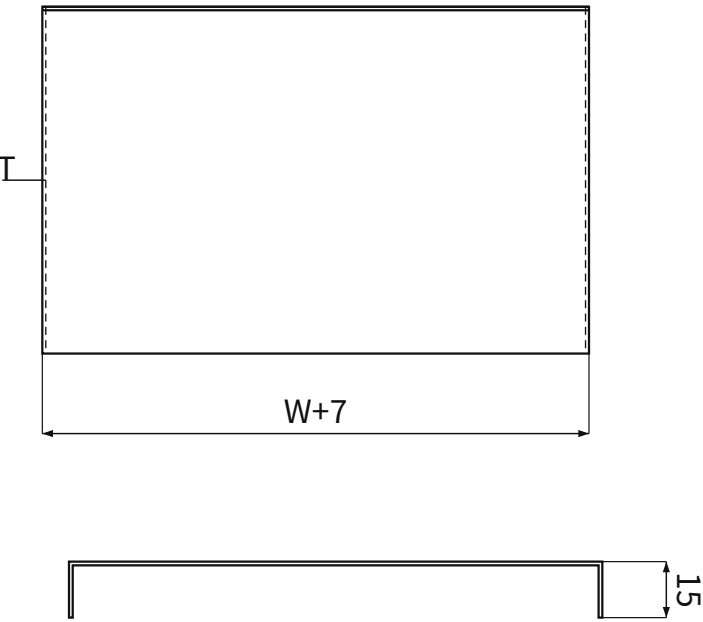
UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

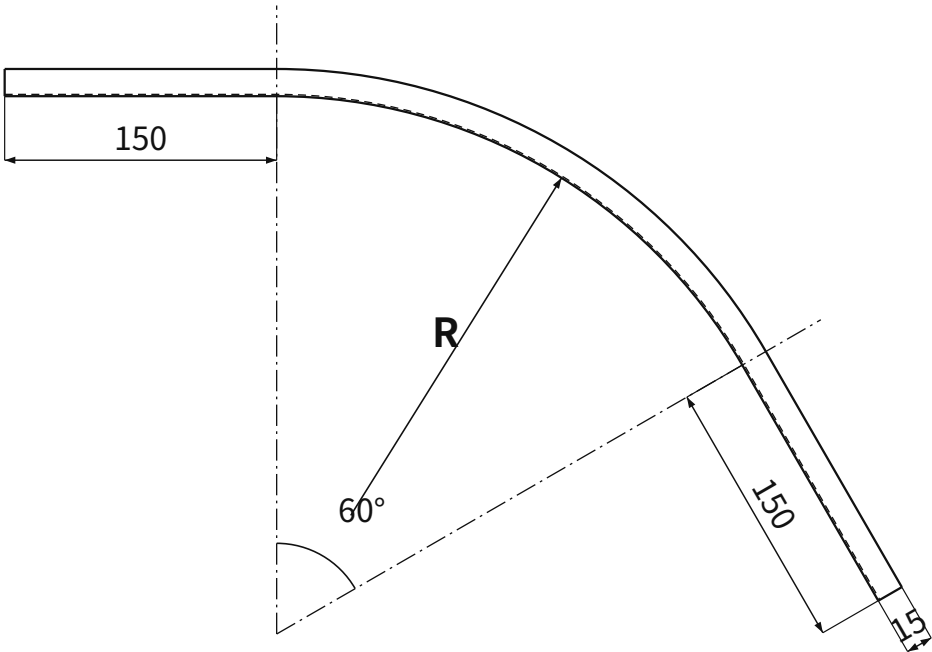
CR COVER FOR 60° VERTICAL TRAY ELBOW (OUTSIDE)

R 296.5 / 596.5

UNIT mm · N.S.



END SECTION · T=1.0



SIDE VIEW

W (mm)	R=296.5 CR PosMAC kg/EA	품번 / Item No.	R=596.5 CR PosMAC kg/EA	품번 / Item No.
200	1.09	HVT-VEOC60W2R3	1.77	HVT-VEOC60W2R6
300	1.56	HVT-VEOC60W3R3	2.52	HVT-VEOC60W3R6
400	2.02	HVT-VEOC60W4R3	3.27	HVT-VEOC60W4R6
500	2.48	HVT-VEOC60W5R3	4.02	HVT-VEOC60W5R6
600	2.95	HVT-VEOC60W6R3	4.77	HVT-VEOC60W6R6
700	3.41	HVT-VEOC60W7R3	5.51	HVT-VEOC60W7R6
800	3.88	HVT-VEOC60W8R3	6.26	HVT-VEOC60W8R6
900	4.34	HVT-VEOC60W9R3	7.01	HVT-VEOC60W9R6
1000	4.81	HVT-VEOC60W10R3	7.76	HVT-VEOC60W10R6

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t: 6.42 kg/m ²	도금 부착량 (양면 합계) PLATE 1.0t: 250 g/m ² 제작 기준 제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

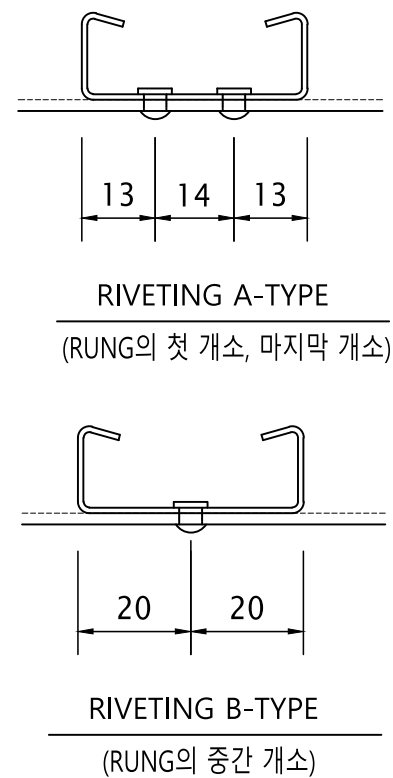
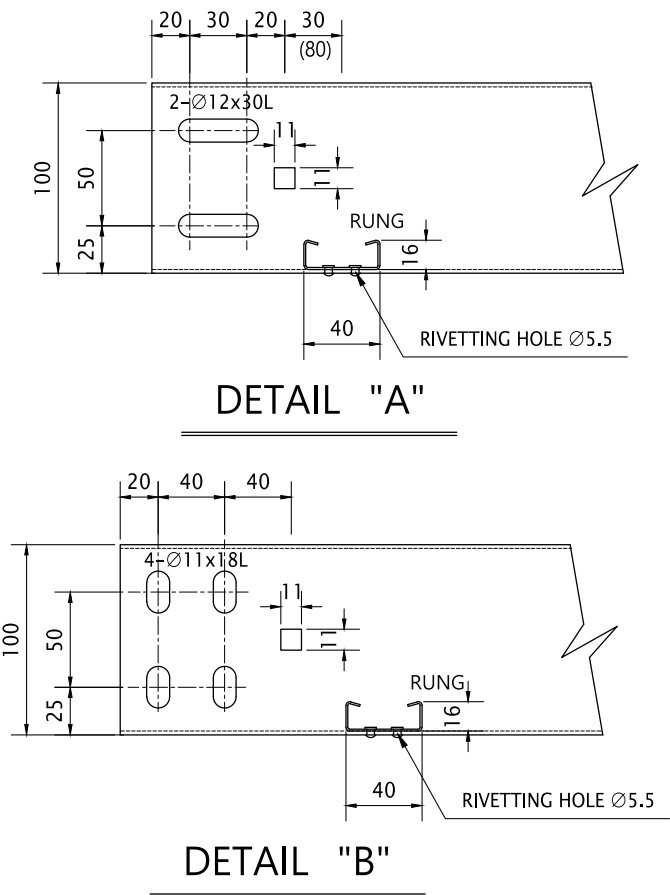
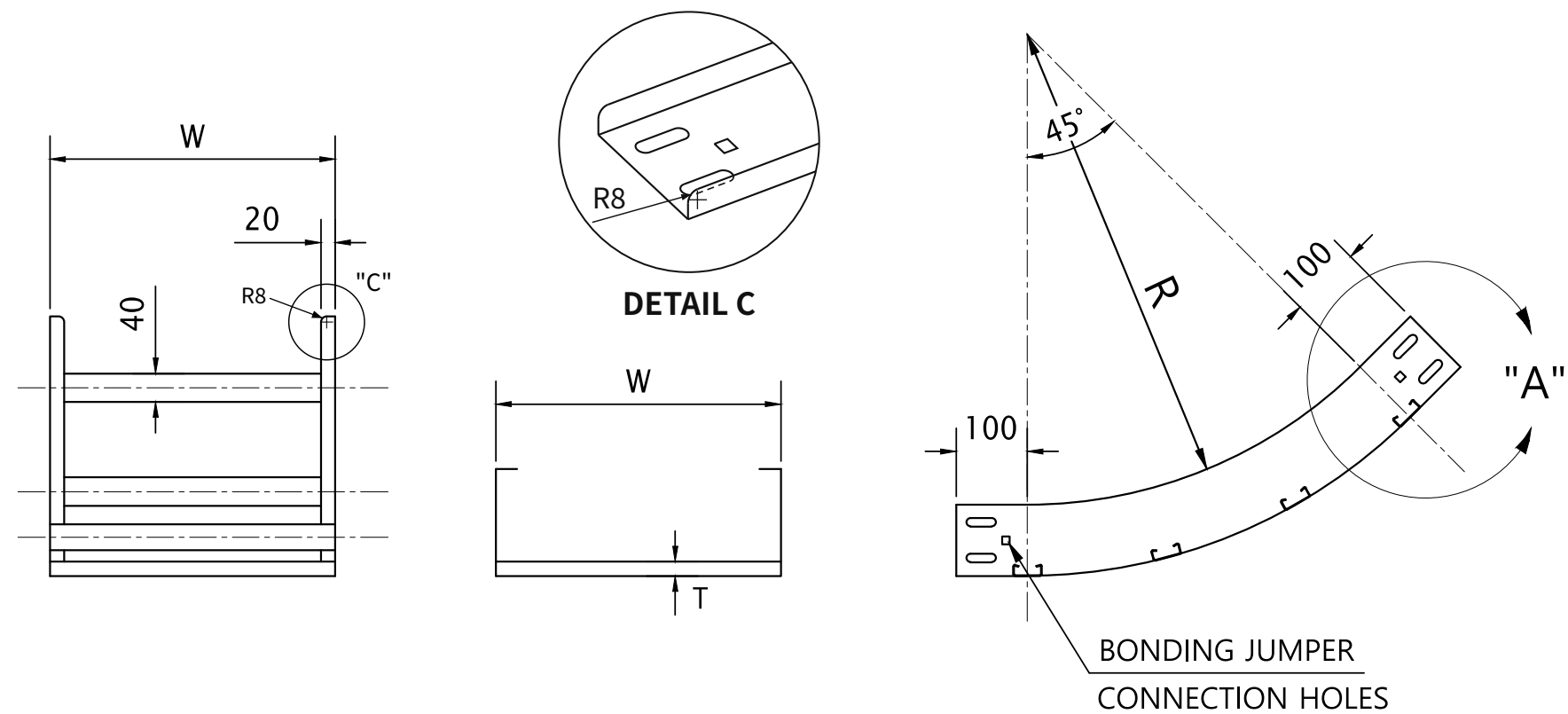
HVT-CR-020

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

45° CR VERTICAL TRAY ELBOW (INSIDE)

UNIT mm · N.S.



W(mm)	CR PosMAC (kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	1.55	A HVT-VEI45W2R3A B HVT-VEI45W2R3B	2.4	A HVT-VEI45W2R6A B HVT-VEI45W2R6B
300	1.73	A HVT-VEI45W3R3A B HVT-VEI45W3R3B	2.68	A HVT-VEI45W3R6A B HVT-VEI45W3R6B
400	1.92	A HVT-VEI45W4R3A B HVT-VEI45W4R3B	2.97	A HVT-VEI45W4R6A B HVT-VEI45W4R6B
500	2.11	A HVT-VEI45W5R3A B HVT-VEI45W5R3B	3.27	A HVT-VEI45W5R6A B HVT-VEI45W5R6B
600	2.3	A HVT-VEI45W6R3A B HVT-VEI45W6R3B	3.56	A HVT-VEI45W6R6A B HVT-VEI45W6R6B
700	2.48	A HVT-VEI45W7R3A B HVT-VEI45W7R3B	3.84	A HVT-VEI45W7R6A B HVT-VEI45W7R6B
800	2.67	A HVT-VEI45W8R3A B HVT-VEI45W8R3B	4.14	A HVT-VEI45W8R6A B HVT-VEI45W8R6B
900	2.86	A HVT-VEI45W9R3A B HVT-VEI45W9R3B	4.43	A HVT-VEI45W9R6A B HVT-VEI45W9R6B
1000	3.05	A HVT-VEI45W10R3A B HVT-VEI45W10R3B	4.73	A HVT-VEI45W10R6A B HVT-VEI45W10R6B

REMARK (KS D 3030)	
재료 · 판 단위중량	용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE	1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면	
RUNG	800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t
SIDE RAIL	700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건	700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계)	PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳	RIVET : 5Ø×7.0L (황동합금)
제작 기준	제작사양서 참조

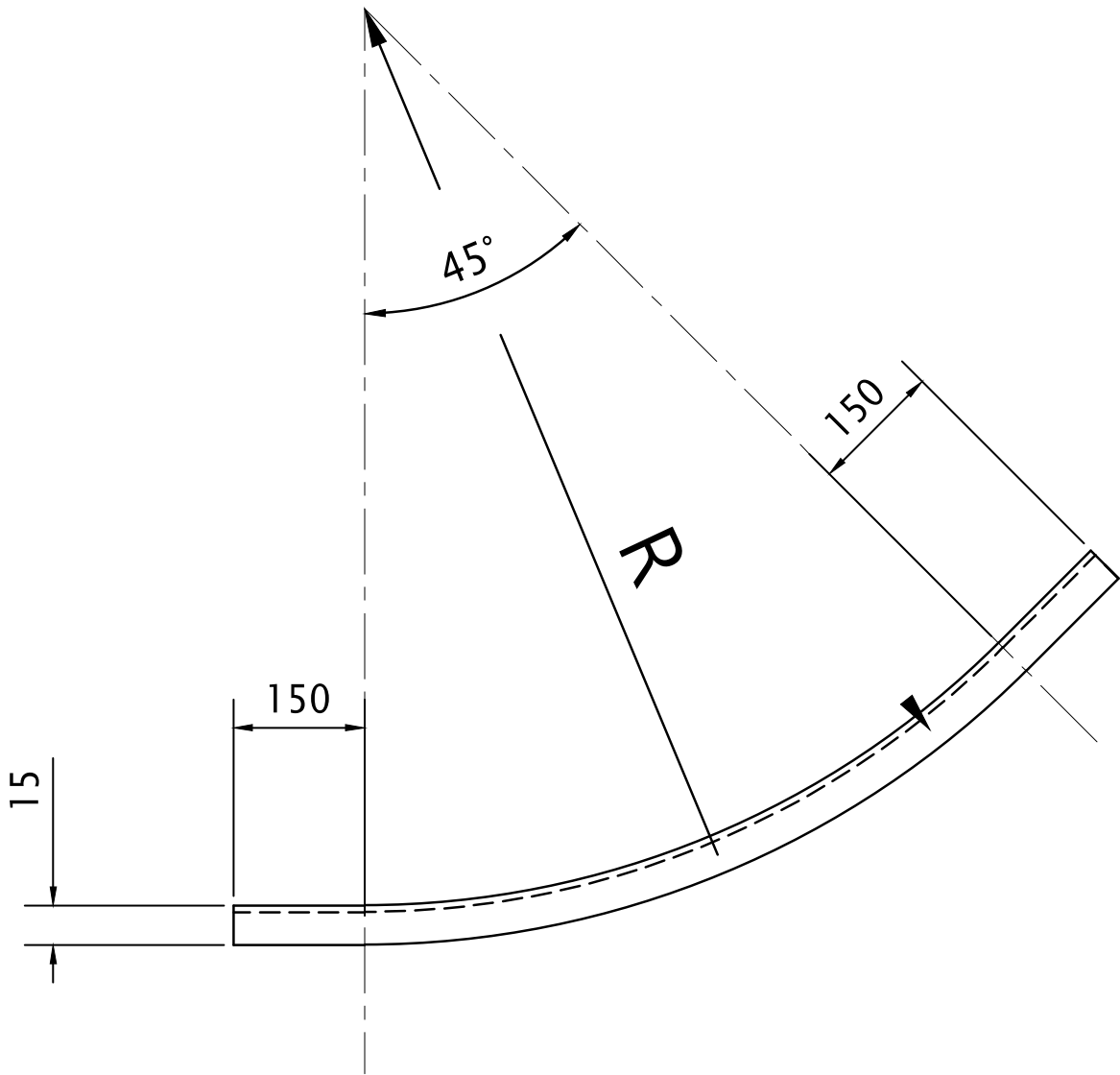
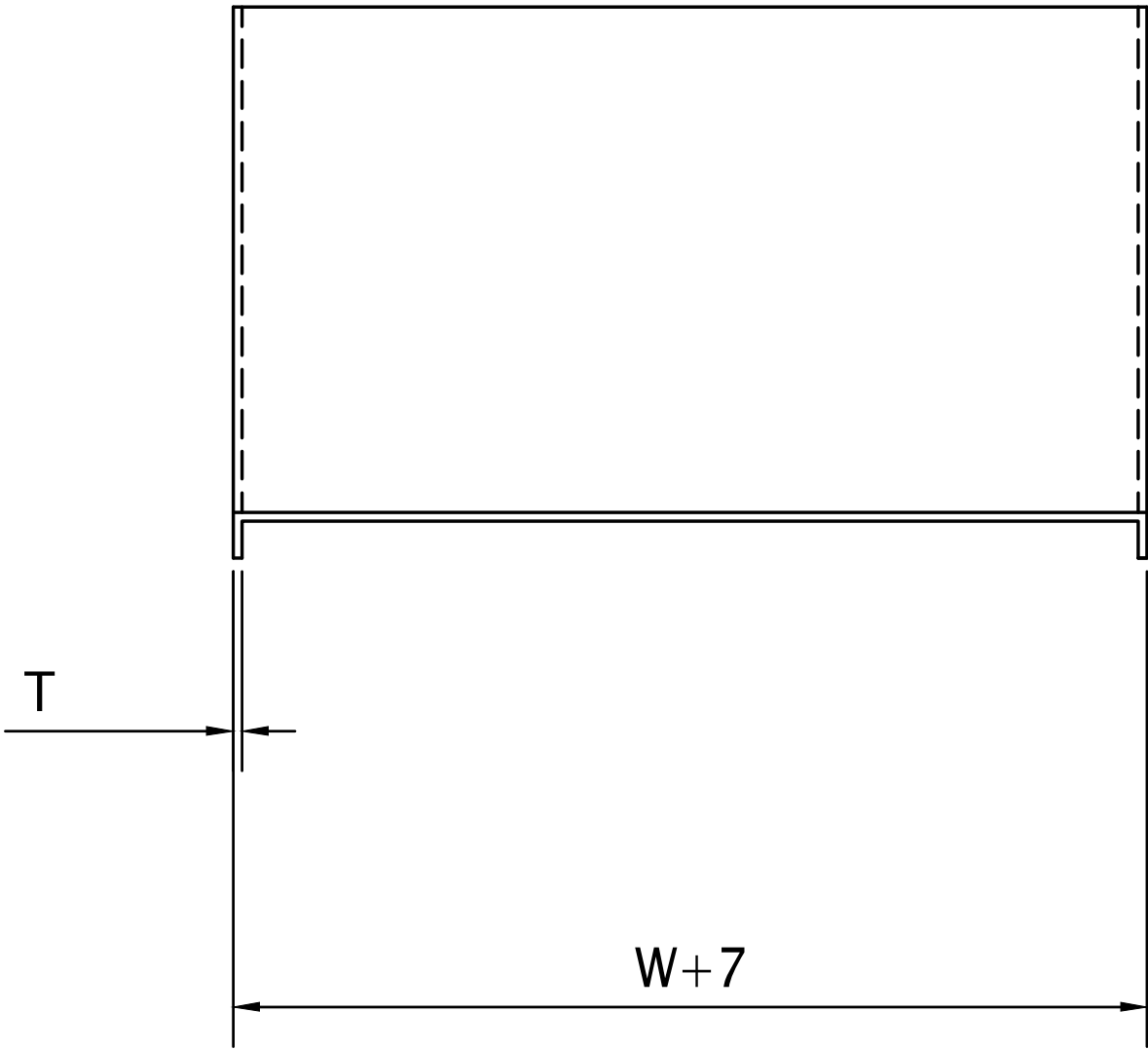
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-021

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR 45° VERTICAL TRAY ELBOW (INSIDE)

UNIT mm · N.S.

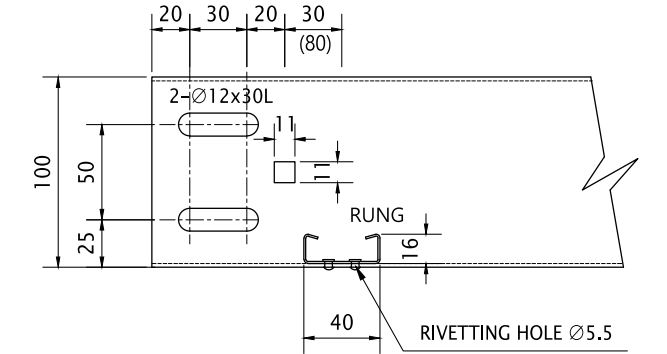
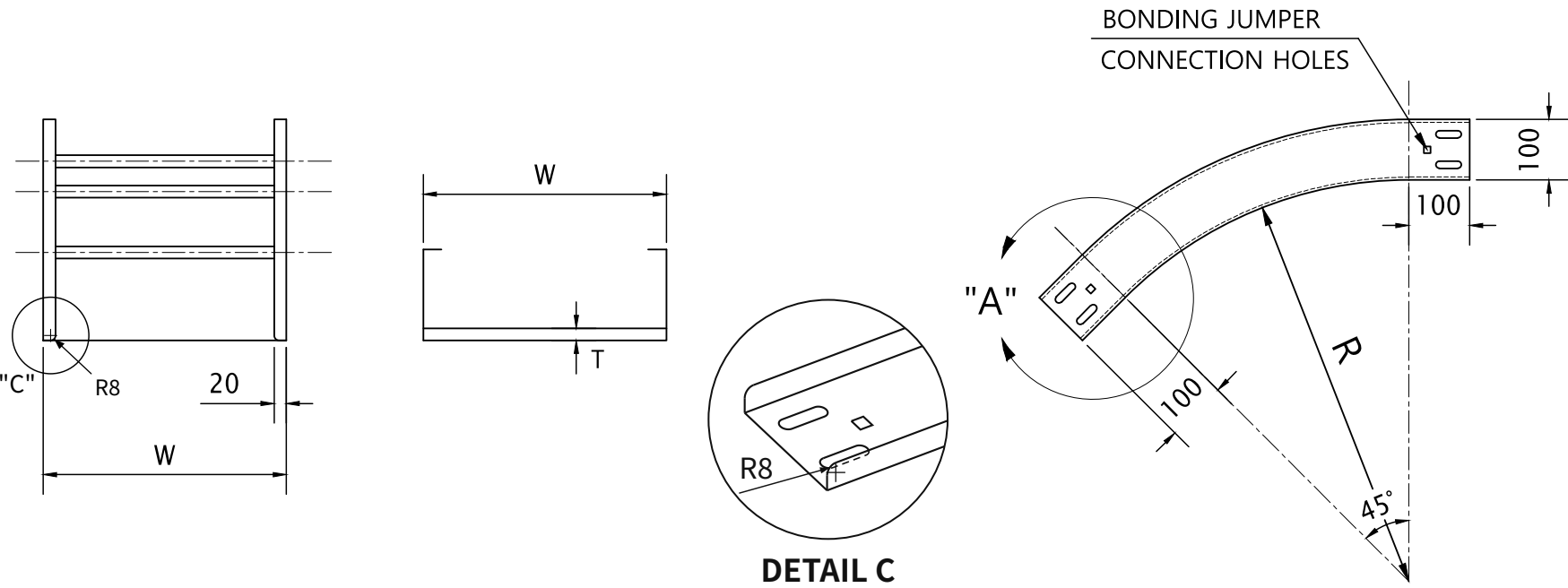


W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	0.83	HVT-VEIC45W2R3	1.28	HVT-VEIC45W2R6
300	1.18	HVT-VEIC45W3R3	1.83	HVT-VEIC45W3R6
400	1.53	HVT-VEIC45W4R3	2.37	HVT-VEIC45W4R6
500	2.26	HVT-VEIC45W5R3	3.51	HVT-VEIC45W5R6
600	2.68	HVT-VEIC45W6R3	4.15	HVT-VEIC45W6R6
700	3.09	HVT-VEIC45W7R3	4.79	HVT-VEIC45W7R6
800	3.52	HVT-VEIC45W8R3	5.46	HVT-VEIC45W8R6
900	3.95	HVT-VEIC45W9R3	6.12	HVT-VEIC45W9R6
1000	4.37	HVT-VEIC45W10R3	6.77	HVT-VEIC45W10R6

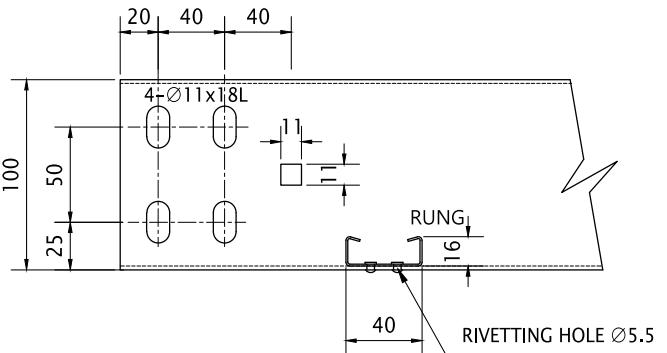
REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m ² 제작 기준 제작사양서 참조

45° CR VERTICAL TRAY ELBOW (OUTSIDE)

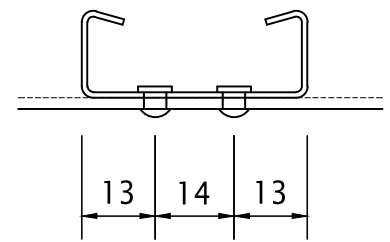
UNIT mm · N.S.



DETAIL "A"

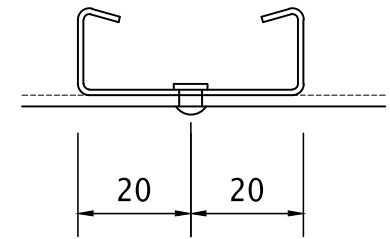


DETAIL "B"



RIVETING A-TYPE

(RUNG의 첫 개소, 마지막 개소)



RIVETING B-TYPE

(RUNG의 중간 개소)

W(mm)	CR PosMAC (kg/EA)			
	R=300	품번 / Item No.	R=600	품번 / Item No.
200	1.55	A HVT-VEO45W2R3A B HVT-VEO45W2R3B	2.4	A HVT-VEO45W2R6A B HVT-VEO45W2R6B
300	1.73	A HVT-VEO45W3R3A B HVT-VEO45W3R3B	2.68	A HVT-VEO45W3R6A B HVT-VEO45W3R6B
400	1.92	A HVT-VEO45W4R3A B HVT-VEO45W4R3B	2.97	A HVT-VEO45W4R6A B HVT-VEO45W4R6B
500	2.11	A HVT-VEO45W5R3A B HVT-VEO45W5R3B	3.27	A HVT-VEO45W5R6A B HVT-VEO45W5R6B
600	2.3	A HVT-VEO45W6R3A B HVT-VEO45W6R3B	3.56	A HVT-VEO45W6R6A B HVT-VEO45W6R6B
700	2.48	A HVT-VEO45W7R3A B HVT-VEO45W7R3B	3.84	A HVT-VEO45W7R6A B HVT-VEO45W7R6B
800	2.67	A HVT-VEO45W8R3A B HVT-VEO45W8R3B	4.14	A HVT-VEO45W8R6A B HVT-VEO45W8R6B
900	2.86	A HVT-VEO45W9R3A B HVT-VEO45W9R3B	4.43	A HVT-VEO45W9R6A B HVT-VEO45W9R6B
1000	3.05	A HVT-VEO45W10R3A B HVT-VEO45W10R3B	4.73	A HVT-VEO45W10R6A B HVT-VEO45W10R6B

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²

링 · 레일 단면
RUNG 800W 이하 : 40×16×9×1.0t
900W, 1000W : 40×16×9×1.2t
SIDE RAIL 700W 이하 : 100H×20×1.2t
750W~1000W : 100H×20×1.4t

링 간격 조건
700W이하 : 300mm
750W~1000W : 200mm

도금 부착량 (양면 합계)
PLATE : 1.0t, 1.2t, 1.4t : 250g/m²

리벳
RIVET : 5Ø×7.0L (황동합금)

제작 기준
제작사양서 참조

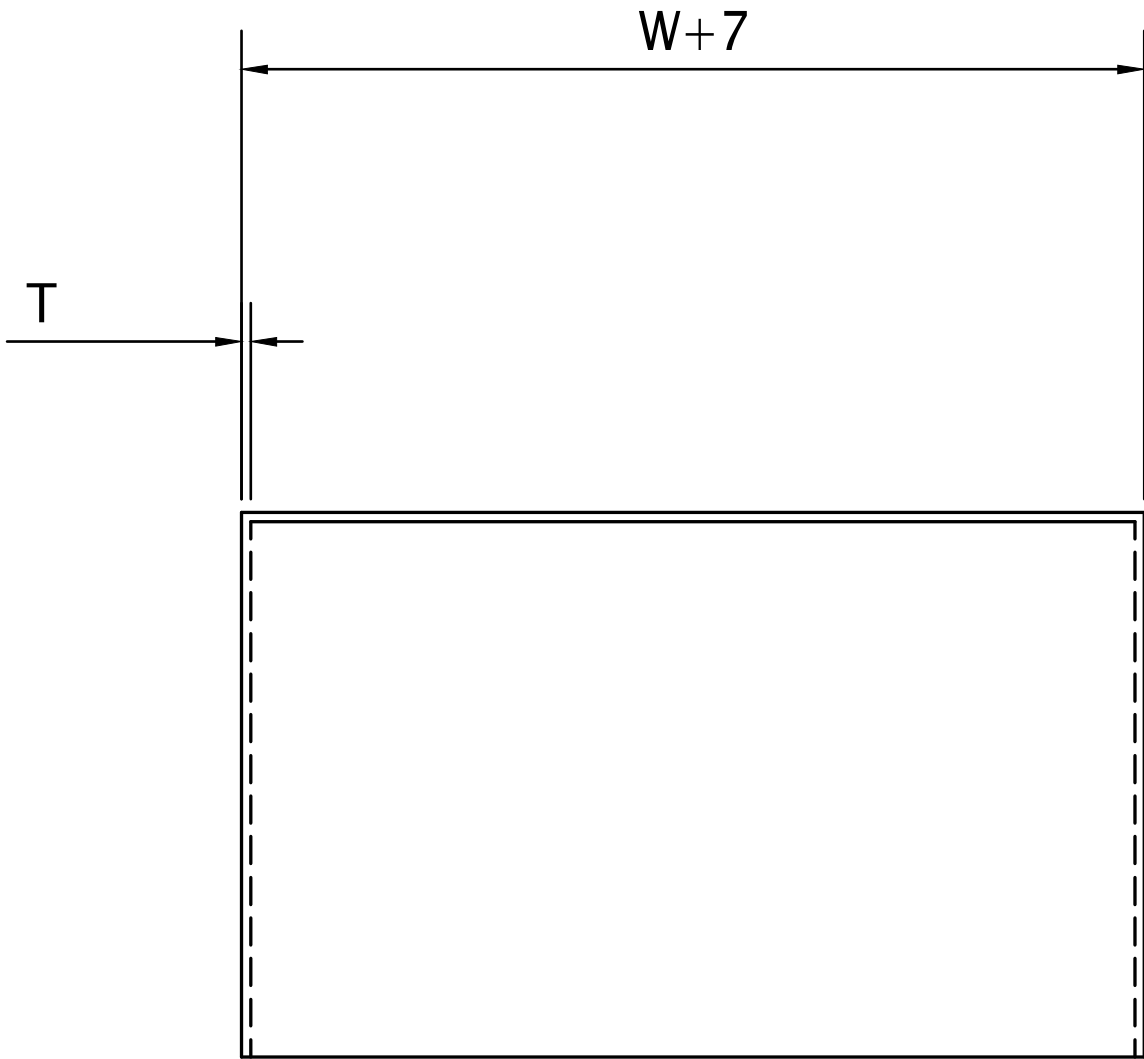
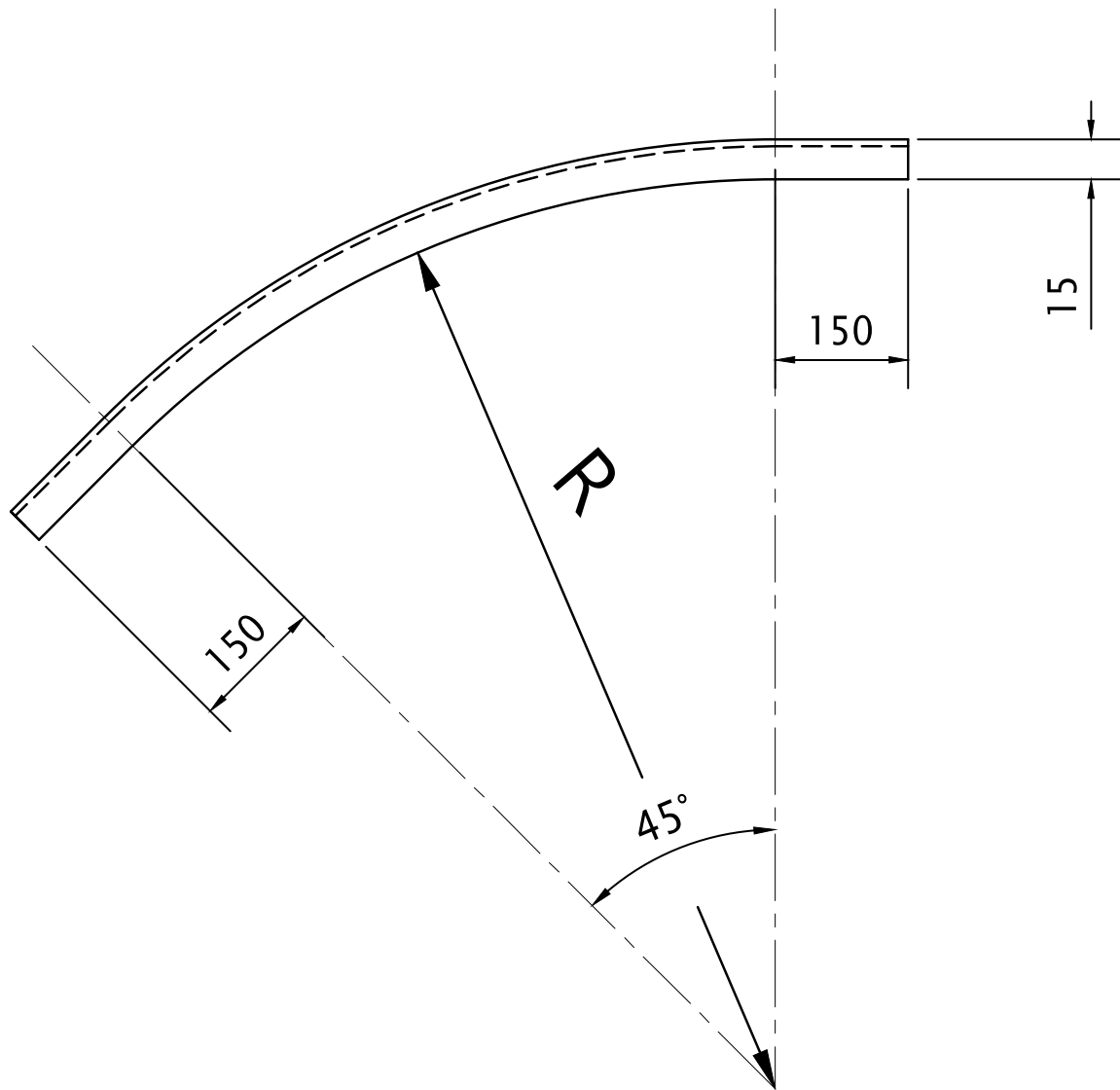
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-023

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER FOR 45° VERTICAL TRAY ELBOW (OUTSIDE)

UNIT mm · N.S.



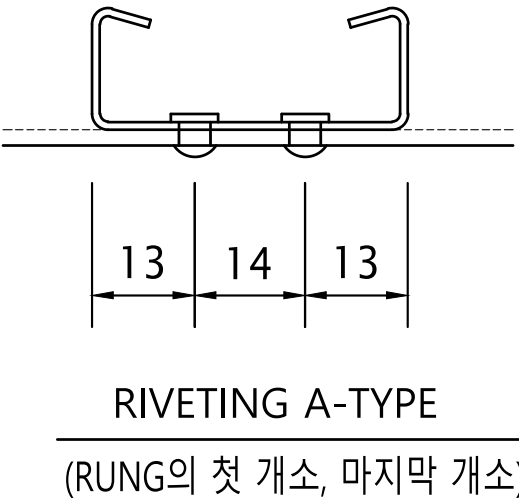
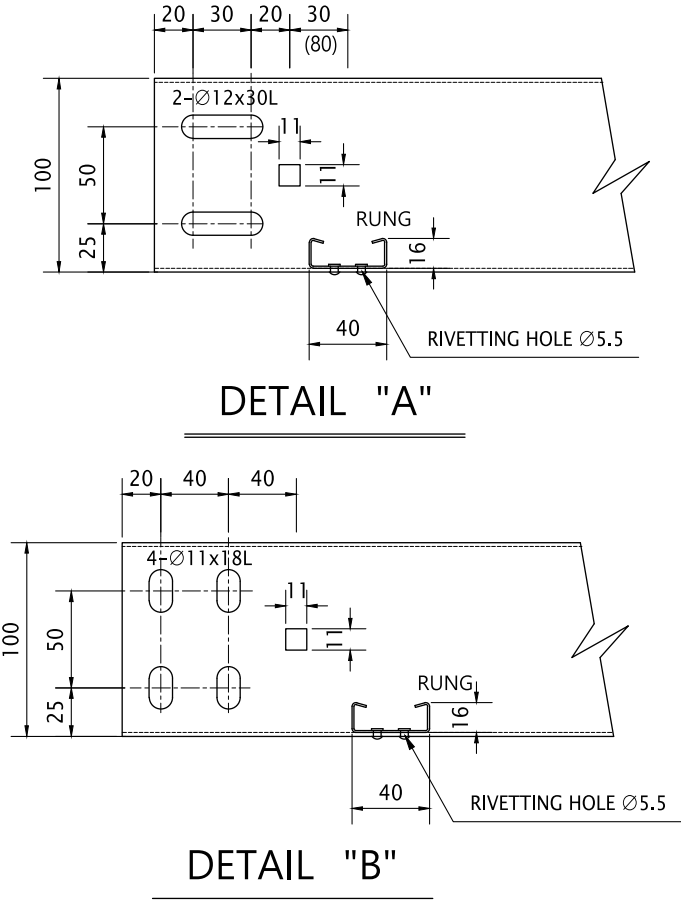
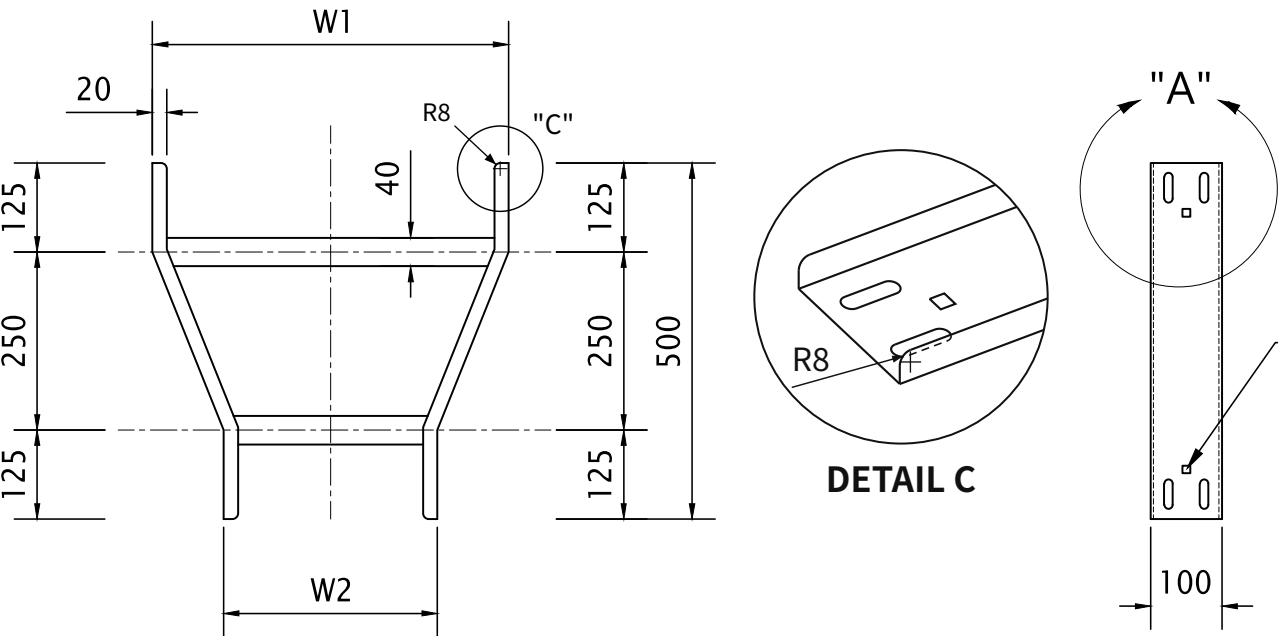
W(mm)	CR PosMAC (kg/EA)			
	R=296.5	품번 / Item No.	R=596.5	품번 / Item No.
200	0.83	HVT-VEOC45W2R3	1.28	HVT-VEOC45W2R6
300	1.18	HVT-VEOC45W3R3	1.83	HVT-VEOC45W3R6
400	1.53	HVT-VEOC45W4R3	2.37	HVT-VEOC45W4R6
500	2.26	HVT-VEOC45W5R3	3.51	HVT-VEOC45W5R6
600	2.68	HVT-VEOC45W6R3	4.15	HVT-VEOC45W6R6
700	3.09	HVT-VEOC45W7R3	4.79	HVT-VEOC45W7R6
800	3.52	HVT-VEOC45W8R3	5.46	HVT-VEOC45W8R6
900	3.95	HVT-VEOC45W9R3	6.12	HVT-VEOC45W9R6
1000	4.37	HVT-VEOC45W10R3	6.77	HVT-VEOC45W10R6

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE : 1.0t : 250g/m ² 제작 기준 제작사양서 참조

주식회사 한빛트레이 HANVIT TRAY CO., LTD.	도면번호 / DRAWING NO. HVT-CR-024	UNIT mm · SCALE N.S. REV. 2026.01 · 2026-09-14
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CR STRAIGHT TRAY REDUCER

UNIT mm · N.S.



W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	1.65	A HVT-RDW3W2A B HVT-RDW3W2B
400	200	1.84	A HVT-RDW4W2A B HVT-RDW4W2B
400	300	1.81	A HVT-RDW4W3A B HVT-RDW4W3B
500	300	1.99	A HVT-RDW5W3A B HVT-RDW5W3B
500	400	1.96	A HVT-RDW5W4A B HVT-RDW5W4B
600	400	2.15	A HVT-RDW6W4A B HVT-RDW6W4B
600	500	2.11	A HVT-RDW6W5A B HVT-RDW6W5B
700	500	2.30	A HVT-RDW7W5A B HVT-RDW7W5B
700	600	2.26	A HVT-RDW7W6A B HVT-RDW7W6B
800	600	2.79	A HVT-RDW8W6A B HVT-RDW8W6B
800	700	2.72	A HVT-RDW8W7A B HVT-RDW8W7B
900	700	3.24	A HVT-RDW9W7A B HVT-RDW9W7B
900	800	3.18	A HVT-RDW9W8A B HVT-RDW9W8B
1000	800	3.42	A HVT-RDW10W8A B HVT-RDW10W8B
1000	900	3.37	A HVT-RDW10W9A B HVT-RDW10W9B

REMARK (KS D 3030)	
재료 · 판 단위중량	용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE	1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
링 · 레일 단면	
RUNG	800W 이하 : 40×16×9×1.0t 900W, 1000W : 40×16×9×1.2t
SIDE RAIL	700W 이하 : 100H×20×1.2t 750W~1000W : 100H×20×1.4t
링 간격 조건	700W이하 : 300mm 750W~1000W : 200mm
도금 부착량 (양면 합계)	PLATE : 1.0t, 1.2t, 1.4t : 250g/m ²
리벳	RIVET : 5Ø×7.0L (황동합금)
제작 기준	제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

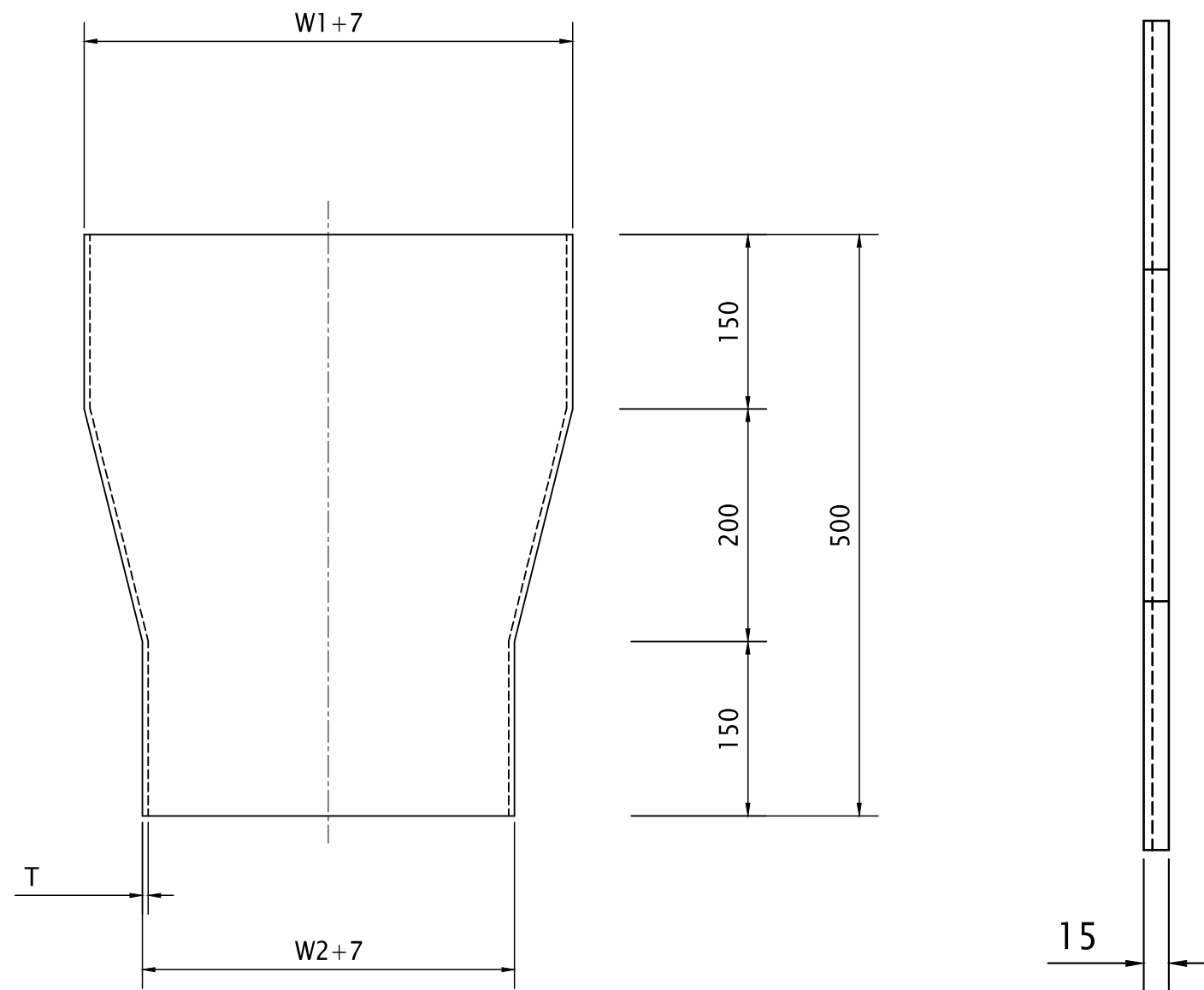
HVT-CR-025

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR COVER FOR STRAIGHT TRAY REDUCER

UNIT mm · N.S.



REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42kg/m²
도금 부착량 (양면 합계)
PLATE : 1.0t : 250g/m²
제작 기준
제작사양서 참조

W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	2.29	HVT-RDCW3W2
400	200	2.61	HVT-RDCW4W2
400	300	2.74	HVT-RDCW4W3
500	300	2.88	HVT-RDCW5W3
500	400	3.19	HVT-RDCW5W4
600	400	3.51	HVT-RDCW6W4
600	500	3.65	HVT-RDCW6W5
700	500	3.96	HVT-RDCW7W5
700	600	4.08	HVT-RDCW7W6
800	600	4.41	HVT-RDCW8W6
800	700	4.53	HVT-RDCW8W7
900	700	4.86	HVT-RDCW9W7
900	800	4.98	HVT-RDCW9W8
1000	800	5.31	HVT-RDCW10W8
1000	900	5.43	HVT-RDCW10W9

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

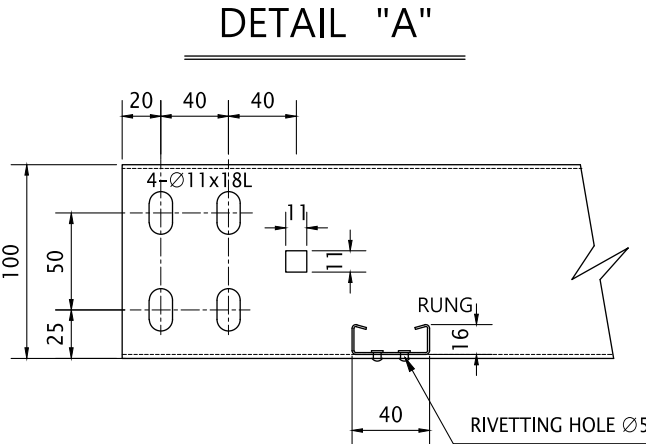
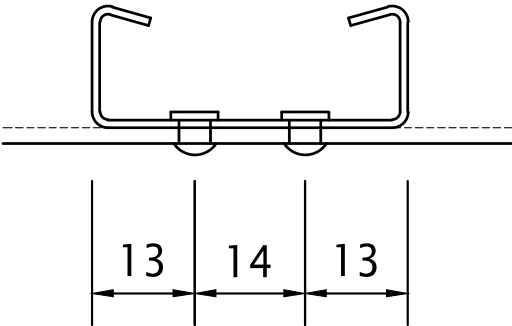
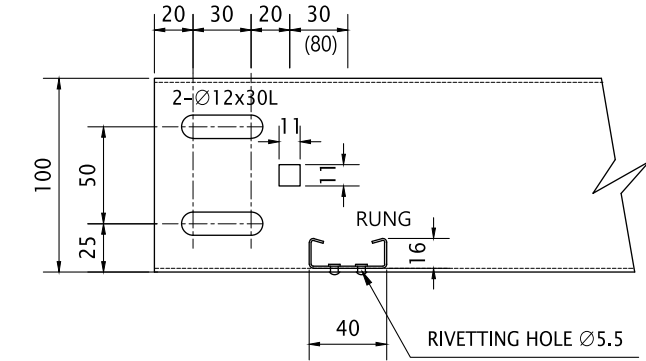
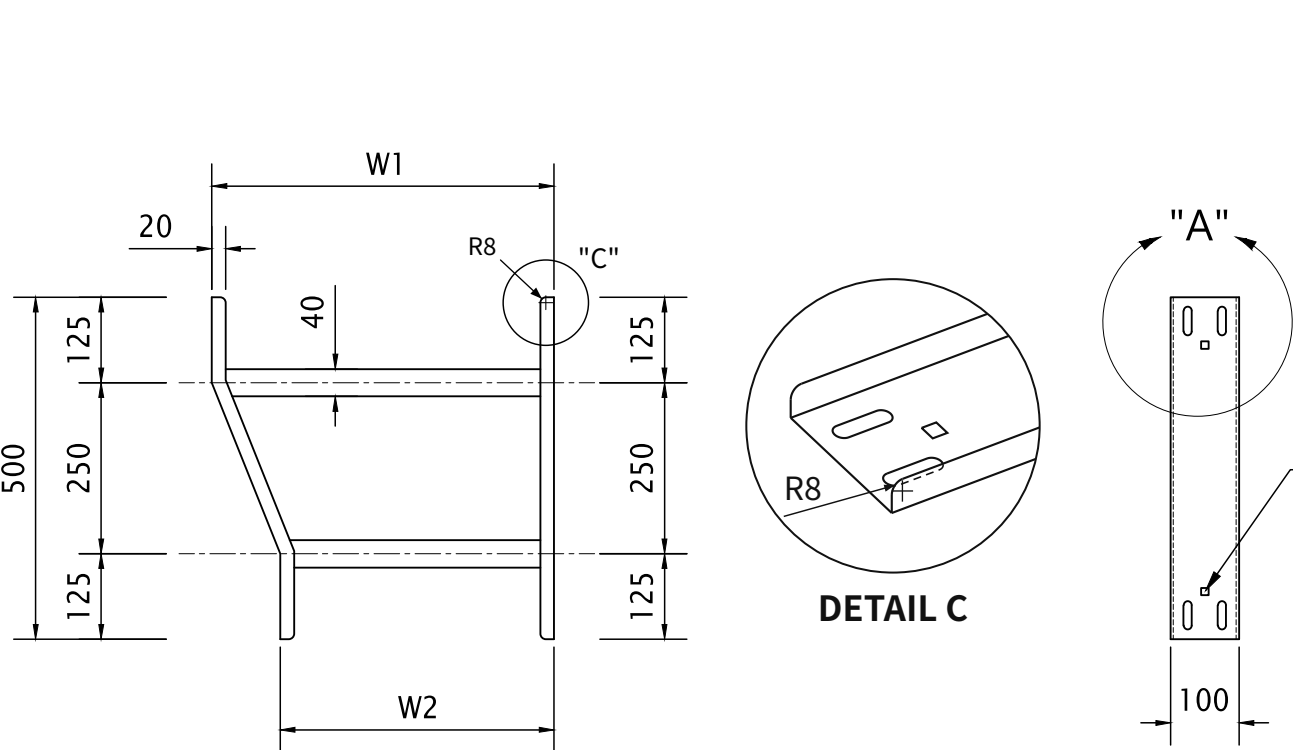
HVT-CR-026

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR LEFT HAND STRAIGHT TRAY REDUCER

UNIT mm · N.S.



RIVETING A-TYPE
(RUNG의 첫 개소, 마지막 개소)

W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	1.65	A HVT-RDLW3W2A B HVT-RDLW3W2B
400	200	1.84	A HVT-RDLW4W2A B HVT-RDLW4W2B
400	300	1.81	A HVT-RDLW4W3A B HVT-RDLW4W3B
500	300	1.99	A HVT-RDLW5W3A B HVT-RDLW5W3B
500	400	1.96	A HVT-RDLW5W4A B HVT-RDLW5W4B
600	400	2.15	A HVT-RDLW6W4A B HVT-RDLW6W4B
600	500	2.11	A HVT-RDLW6W5A B HVT-RDLW6W5B
700	500	2.30	A HVT-RDLW7W5A B HVT-RDLW7W5B
700	600	2.26	A HVT-RDLW7W6A B HVT-RDLW7W6B
800	600	2.79	A HVT-RDLW8W6A B HVT-RDLW8W6B
800	700	2.72	A HVT-RDLW8W7A B HVT-RDLW8W7B
900	700	3.24	A HVT-RDLW9W7A B HVT-RDLW9W7B
900	800	3.18	A HVT-RDLW9W8A B HVT-RDLW9W8B
1000	800	3.42	A HVT-RDLW10W8A B HVT-RDLW10W8B
1000	900	3.37	A HVT-RDLW10W9A B HVT-RDLW10W9B

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²

링 · 레일 단면
RUNG 800W 이하 : 40×16×9×1.0t
900W, 1000W : 40×16×9×1.2t
SIDE RAIL 700W 이하 : 100H×20×1.2t
750W~1000W : 100H×20×1.4t

링 간격 조건
700W이하 : 300mm
750W~1000W : 200mm

도금 부착량 (양면 합계)
PLATE : 1.0t, 1.2t, 1.4t : 250g/m²

리벳
RIVET : 5Ø×7.0L (황동합금)

제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

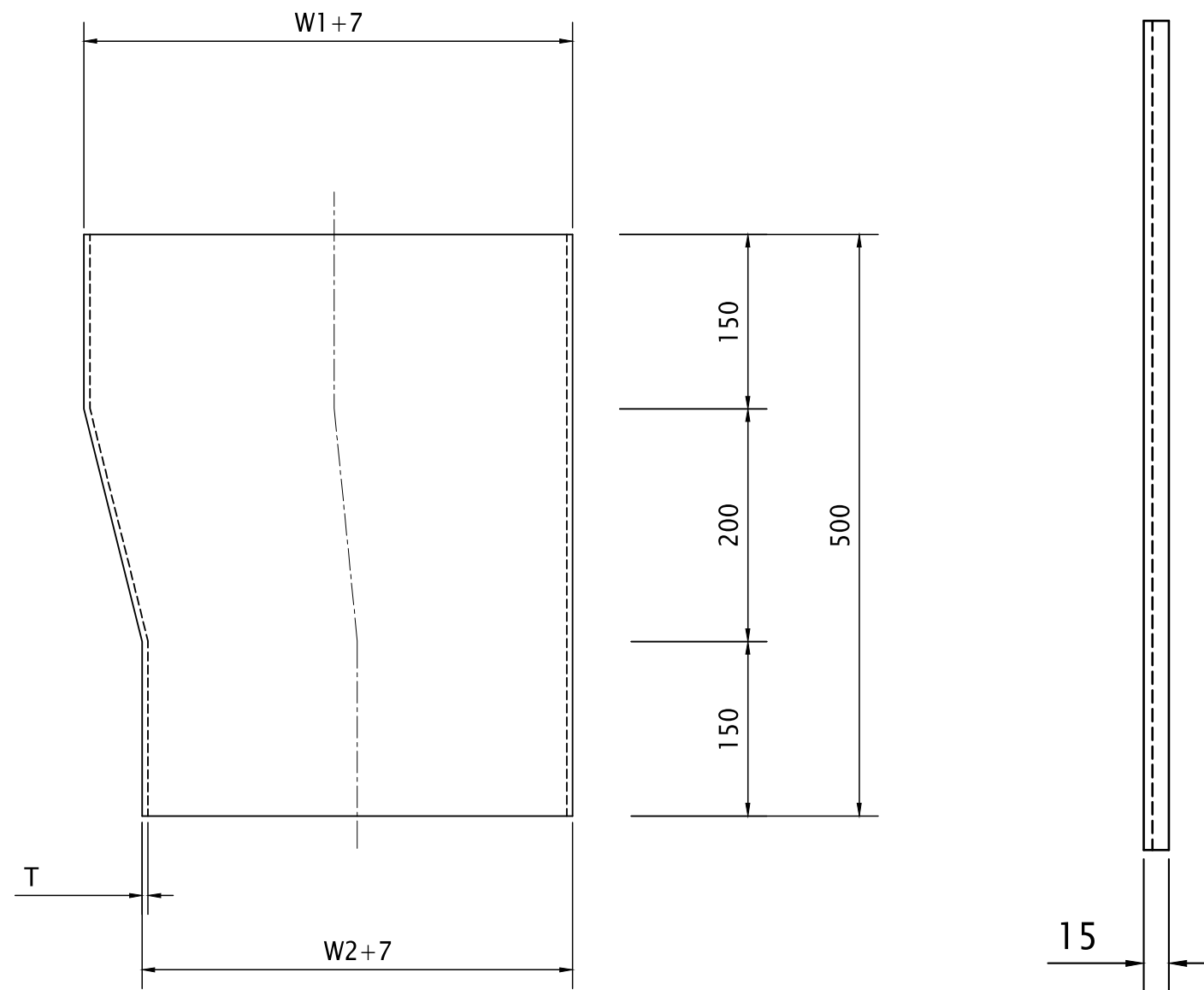
HVT-CR-027

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR COVER FOR LEFT HAND TRAY REDUCER

UNIT mm · N.S.



REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42kg/m²
도금 부착량 (양면 합계)
PLATE : 1.0t : 250g/m²
제작 기준
제작사양서 참조

W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	2.29	HVT-RDLCW3W2
400	200	2.61	HVT-RDLCW4W2
400	300	2.74	HVT-RDLCW4W3
500	300	2.88	HVT-RDLCW5W3
500	400	3.19	HVT-RDLCW5W4
600	400	3.51	HVT-RDLCW6W4
600	500	3.65	HVT-RDLCW6W5
700	500	3.96	HVT-RDLCW7W5
700	600	4.08	HVT-RDLCW7W6
800	600	4.41	HVT-RDLCW8W6
800	700	4.53	HVT-RDLCW8W7
900	700	4.86	HVT-RDLCW9W7
900	800	4.98	HVT-RDLCW9W8
1000	800	5.31	HVT-RDLCW10W8
1000	900	5.43	HVT-RDLCW10W9

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

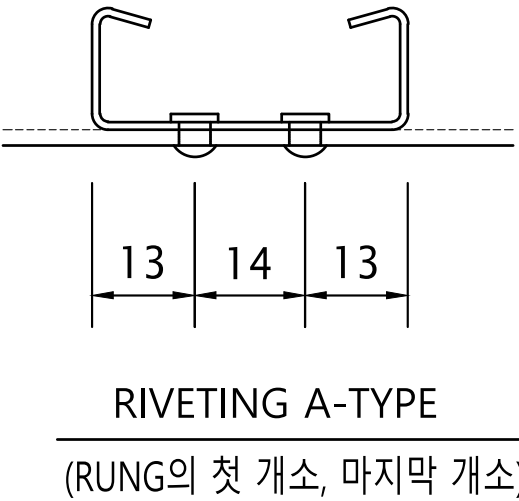
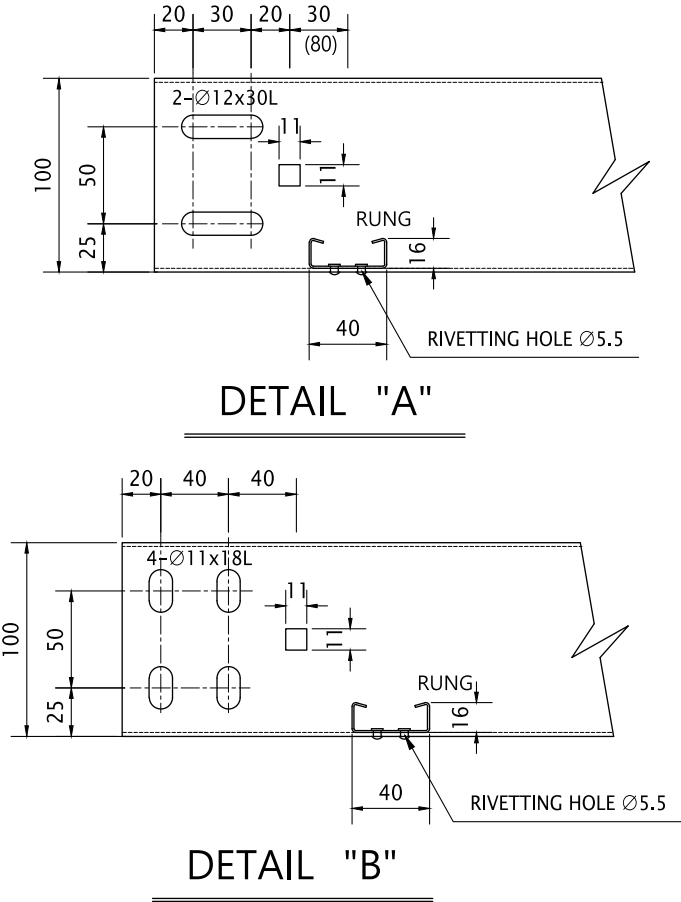
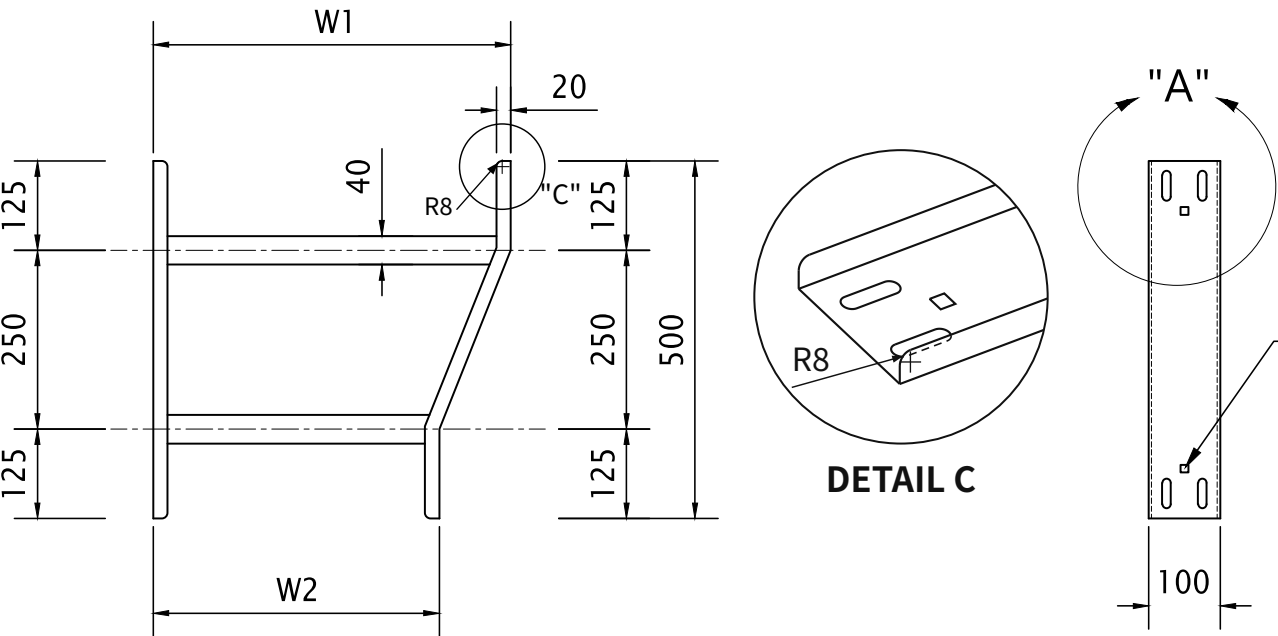
HVT-CR-028

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR RIGHT HAND STRAIGHT TRAY REDUCER

UNIT mm · N.S.



W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	1.65	A HVT-RDRW3W2A B HVT-RDRW3W2B
400	200	1.84	A HVT-RDRW4W2A B HVT-RDRW4W2B
400	300	1.81	A HVT-RDRW4W3A B HVT-RDRW4W3B
500	300	1.99	A HVT-RDRW5W3A B HVT-RDRW5W3B
500	400	1.96	A HVT-RDRW5W4A B HVT-RDRW5W4B
600	400	2.15	A HVT-RDRW6W4A B HVT-RDRW6W4B
600	500	2.11	A HVT-RDRW6W5A B HVT-RDRW6W5B
700	500	2.30	A HVT-RDRW7W5A B HVT-RDRW7W5B
700	600	2.26	A HVT-RDRW7W6A B HVT-RDRW7W6B
800	600	2.79	A HVT-RDRW8W6A B HVT-RDRW8W6B
800	700	2.72	A HVT-RDRW8W7A B HVT-RDRW8W7B
900	700	3.24	A HVT-RDRW9W7A B HVT-RDRW9W7B
900	800	3.18	A HVT-RDRW9W8A B HVT-RDRW9W8B
1000	800	3.42	A HVT-RDRW10W8A B HVT-RDRW10W8B
1000	900	3.37	A HVT-RDRW10W9A B HVT-RDRW10W9B

BONDING JUMPER
CONNECTION HOLES

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판(KS D 3506, KS D 3030) - CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²

링 · 레일 단면
RUNG 800W 이하 : 40×16×9×1.0t
900W, 1000W : 40×16×9×1.2t
SIDE RAIL 700W 이하 : 100H×20×1.2t
750W~1000W : 100H×20×1.4t

링 간격 조건
700W이하 : 300mm
750W~1000W : 200mm

도금 부착량 (양면 합계)
PLATE : 1.0t, 1.2t, 1.4t : 250g/m²

리벳
RIVET : 5Ø×7.0L (황동합금)

제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

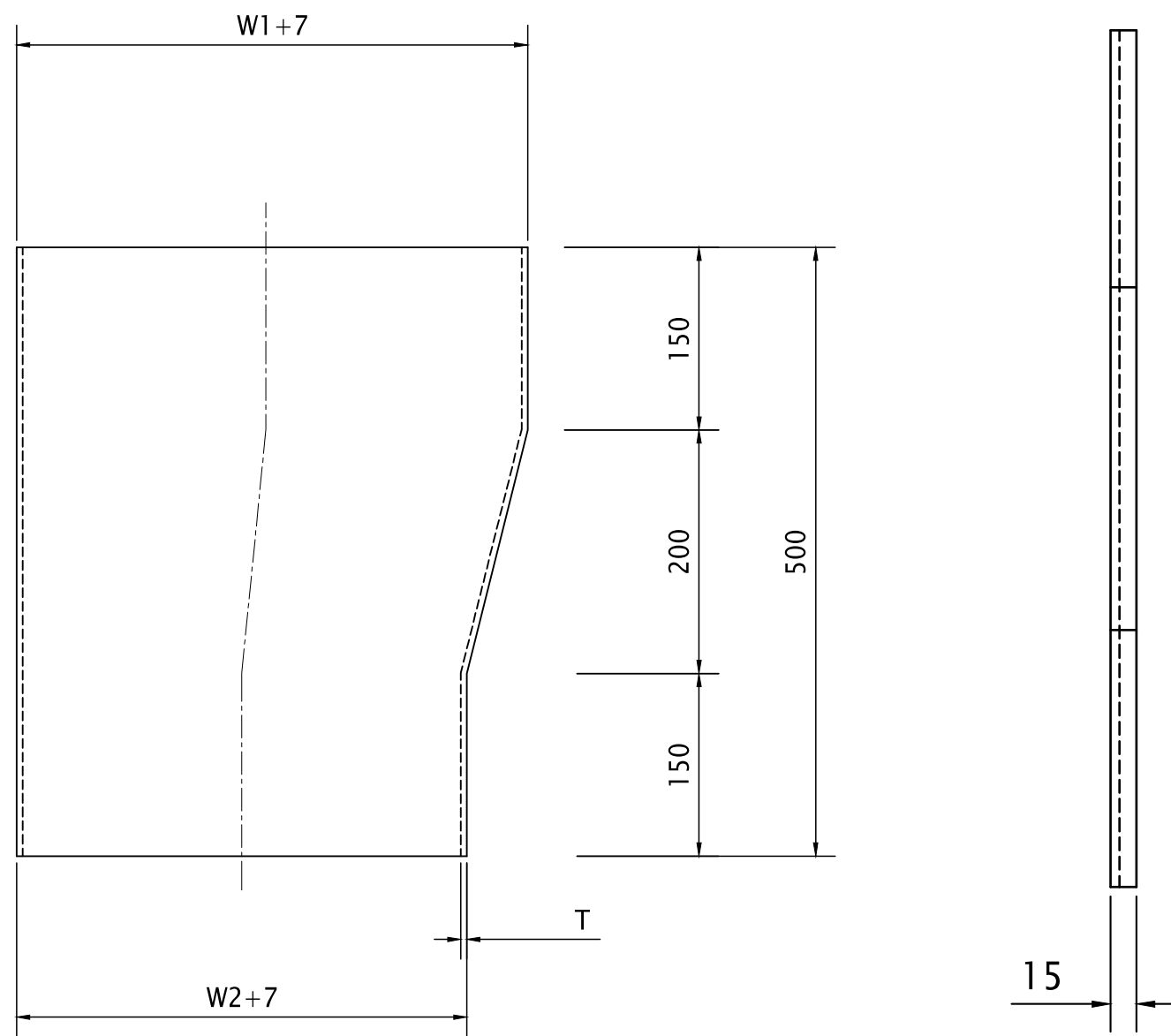
HVT-CR-029

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR COVER FOR RIGHT HAND TRAY REDUCER

UNIT mm · N.S.



REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
PLATE 1.0t : 6.42kg/m²
도금 부착량 (양면 합계)
PLATE : 1.0t : 250g/m²
제작 기준
제작사양서 참조

W1(mm)	W2(mm)	CR PosMAC (kg/EA)	품번 / Item No.
300	200	2.29	HVT-RDRCW3W2
400	200	2.61	HVT-RDRCW4W2
400	300	2.74	HVT-RDRCW4W3
500	300	2.88	HVT-RDRCW5W3
500	400	3.19	HVT-RDRCW5W4
600	400	3.51	HVT-RDRCW6W4
600	500	3.65	HVT-RDRCW6W5
700	500	3.96	HVT-RDRCW7W5
700	600	4.08	HVT-RDRCW7W6
800	600	4.41	HVT-RDRCW8W6
800	700	4.53	HVT-RDRCW8W7
900	700	4.86	HVT-RDRCW9W7
900	800	4.98	HVT-RDRCW9W8
1000	800	5.31	HVT-RDRCW10W8
1000	900	5.43	HVT-RDRCW10W9

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

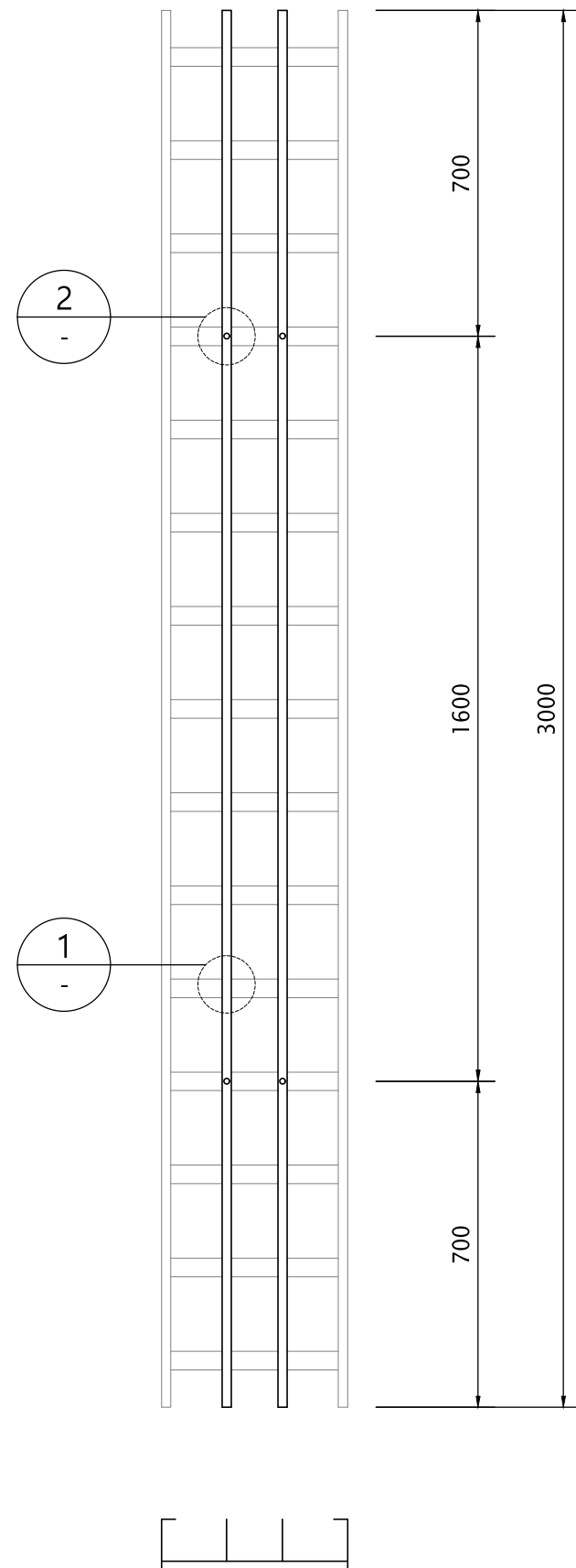
도면번호 / DRAWING NO.

HVT-CR-030

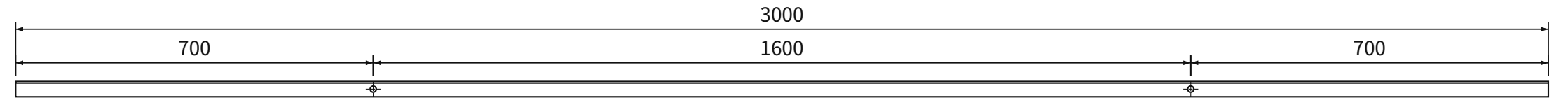
UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

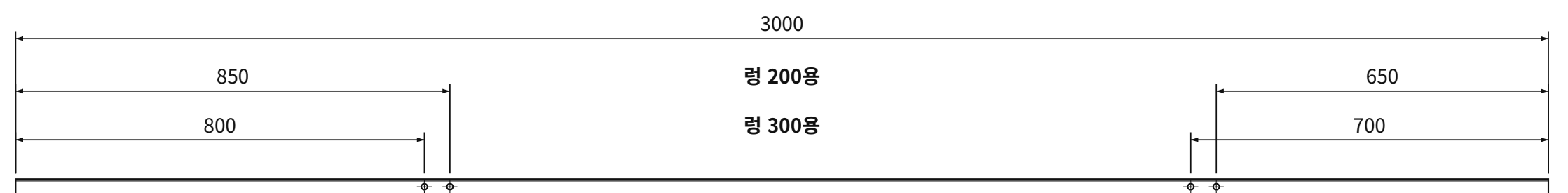
CR TRAY SEPARATOR



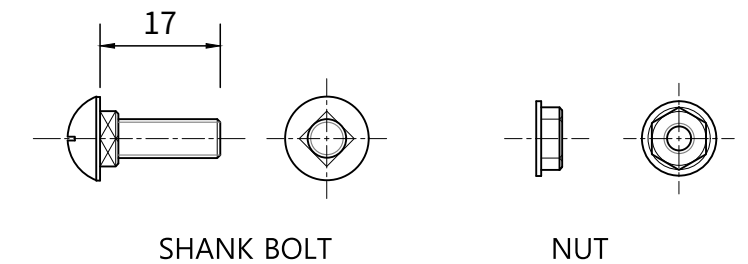
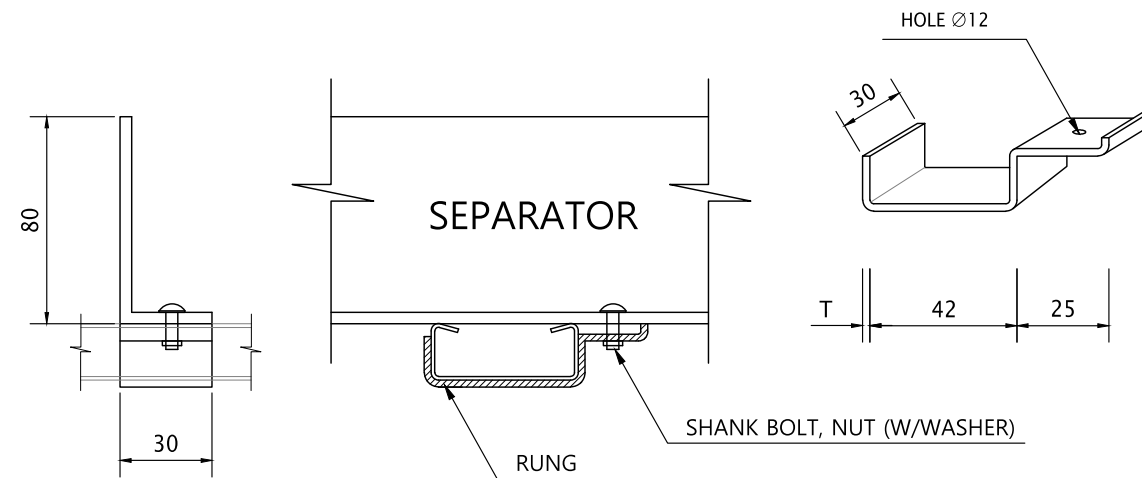
700 mm · 기존



링 200 / 300 공용 세퍼레이터



한 제품에 4공 가공·적용 량 간격에 맞춰 해당 2공 사용



SHANK BOLT NUT	SIZE	REMARK
	M10×17L	-재철소 전 지역: 아연도

2 SEPARATOR CLAMP DETAIL

DESCRIPTION	규격(mm)	CR PosMAC 중량 (kg/3.0m)	품번 / Item No.
SEPARATOR	80×30×1.0t-3000L	2.59	HVT-SP80
SEPARATOR	130×30×1.2t-3000L	3.83	HVT-SP130
SEPARATOR CLAMP	1.6t	0.03	HVT-SPC16
SEPARATOR CLAMP	2.0t	0.04	HVT-SPC20

REMARK (KS D 3030)	
재료 · 판 단위중량	
용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : SEPARATOR 1.0t · 1.2t	
용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : CLAMP 1.6t · 2.0t	
PLATE	1.0t : 6.42kg/m ²
	1.4t : 8.87kg/m ²
	2.0t : 15.95kg/m ²
도금 부착량 (양면합계)	
PLATE : 1.0t : 250g/m ²	
제작 기준	
제작사양서 참조	

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

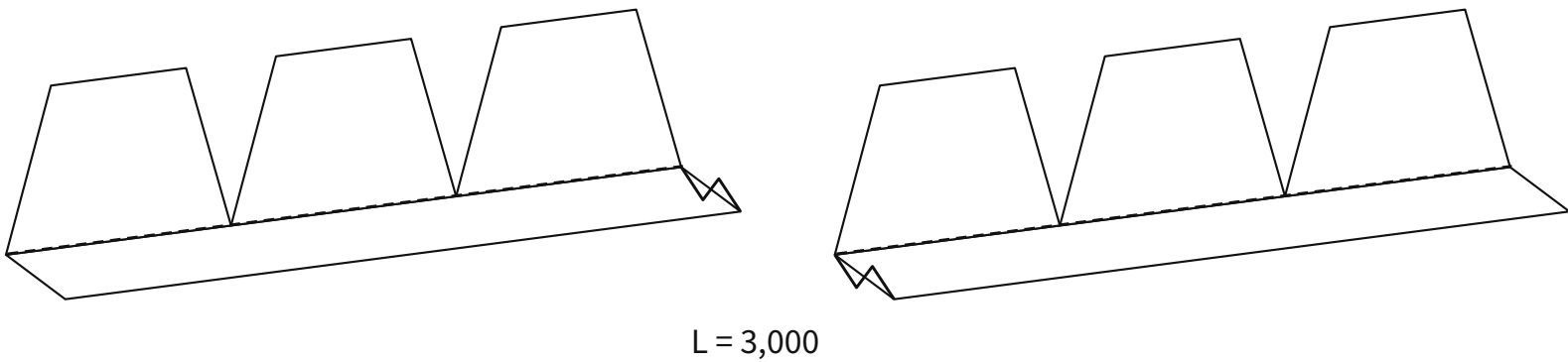
HVT-CR-031

UNIT mm · SCALE N.S.

REV. 2026.02 · 2026-09-15

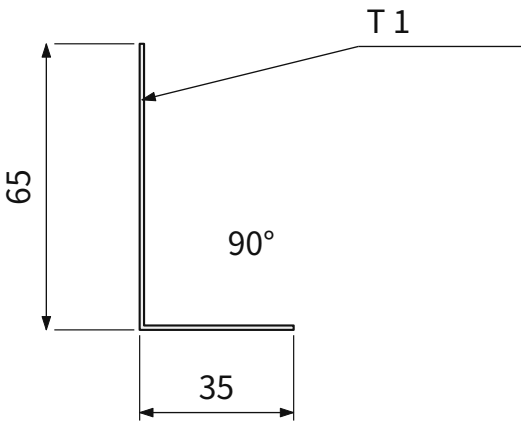
UNIT mm · N.S.

입체도 · 절곡 완료 형상



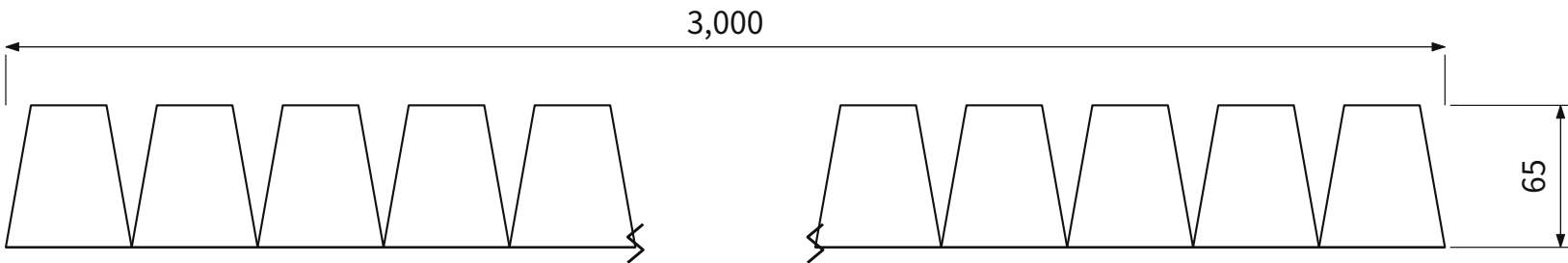
길이 방향 중간 생략

단면도 · 외측 치수



수치: 절곡 후 외측 기준

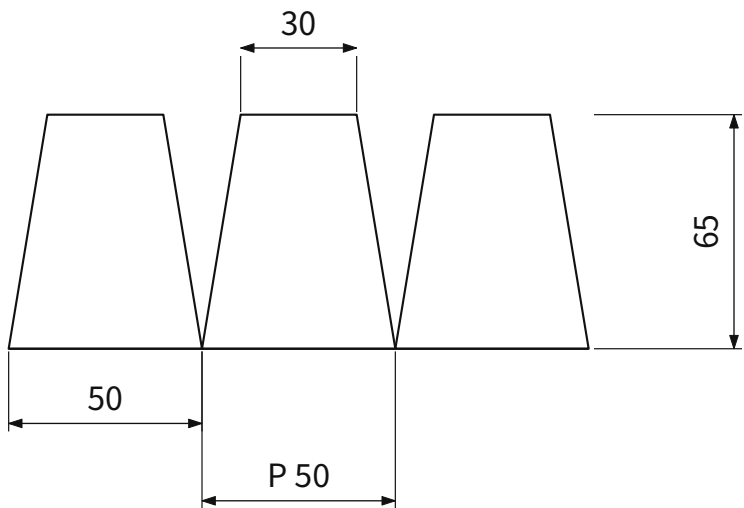
정면도 · 세로 절개부



양 끝 여유 E = 0

반복 피치 P = 50 · 사다리꼴 탭 60개

상세 A · 사다리꼴 탭



규격표 · CR PosMAC

L	H (외측)	B (외측)	T	P	E (양 끝)	탭 뿌리 / 끝	품번 / Item No.
3000	65	35	1	50	0	50 / 30	HVT-VSP65

재질: CR PosMAC · 절곡 각도: 90° · 단면 치수: 절곡 후 외측 기준 · 80H 규격(링 포함 100H 이하) · 실제 높이 65

절개부 P = 50 연속 반복 · 양 끝 여유 없음 · 정척 L 끝에서 초과부 절단

L: 제품 길이 H: 세로 높이 B: 바닥 폭 T: 판 두께 P: 반복 피치 E: 양 끝 여유

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

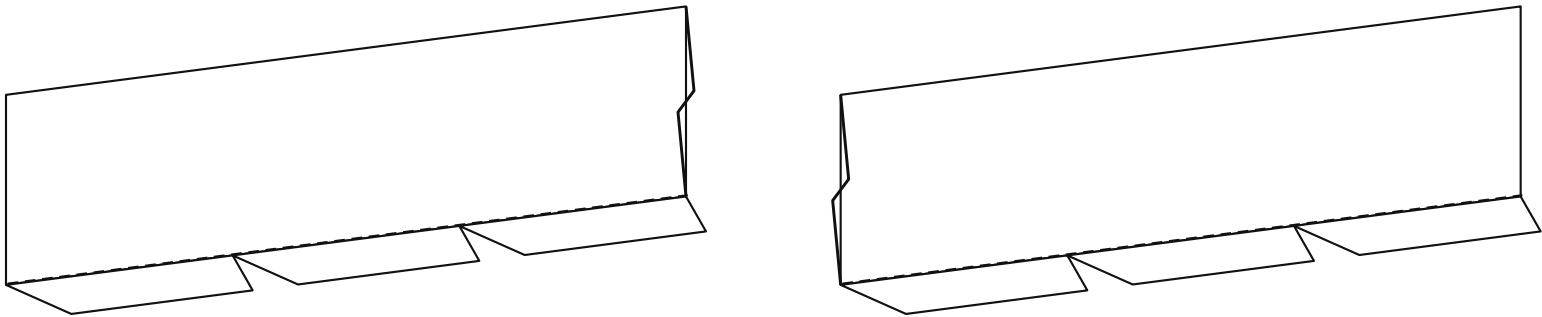
HVT-CR-056

UNIT mm · SCALE N.S.

REV. 2026.02 · 2026-09-15

UNIT mm · N.S.

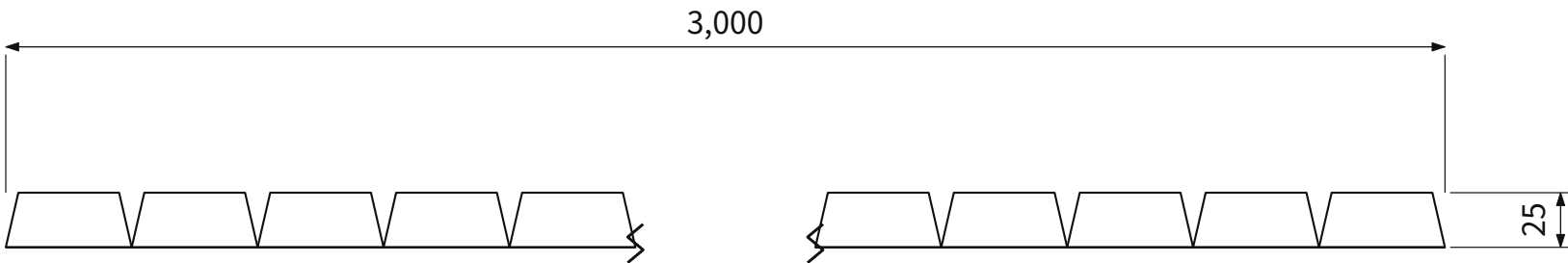
입체도 · 절곡 완료 형상



L = 3,000

길이 방향 중간 생략

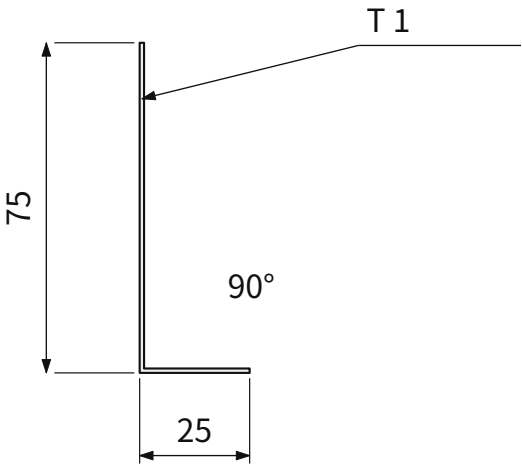
평면도 · 가로 절개부



양 끝 여유 E = 0

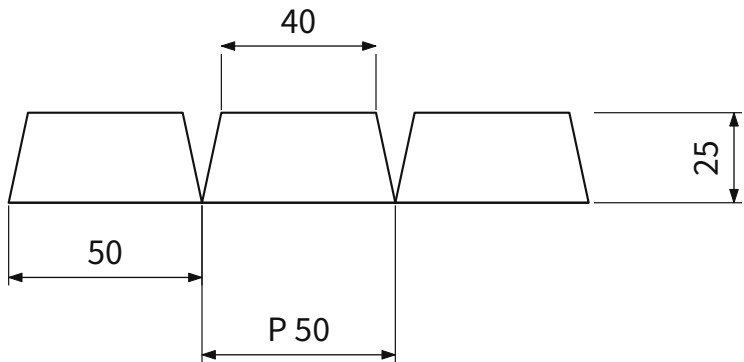
반복 피치 P = 50 · 사다리꼴 탭 60개

단면도 · 외측 치수



수치: 절곡 후 외측 기준

상세 A · 사다리꼴 탭



규격표 · CR PosMAC

L	H (외측)	B (외측)	T	P	E (양 끝)	탭 뿌리 / 끝	품번 / Item No.
3000	75	25	1	50	0	50 / 40	HVT-HSP75

재질: CR PosMAC · 절곡 각도: 90° · 단면 치수: 절곡 후 외측 기준 · 80H 규격(링 포함 100H 이하) · 실제 높이 75

절개부 P = 50 연속 반복 · 양 끝 여유 없음 · 정척 L 끝에서 초과부 절단

L: 제품 길이 H: 세로 높이 B: 바닥 폭 T: 판 두께 P: 반복 피치 E: 양 끝 여유

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

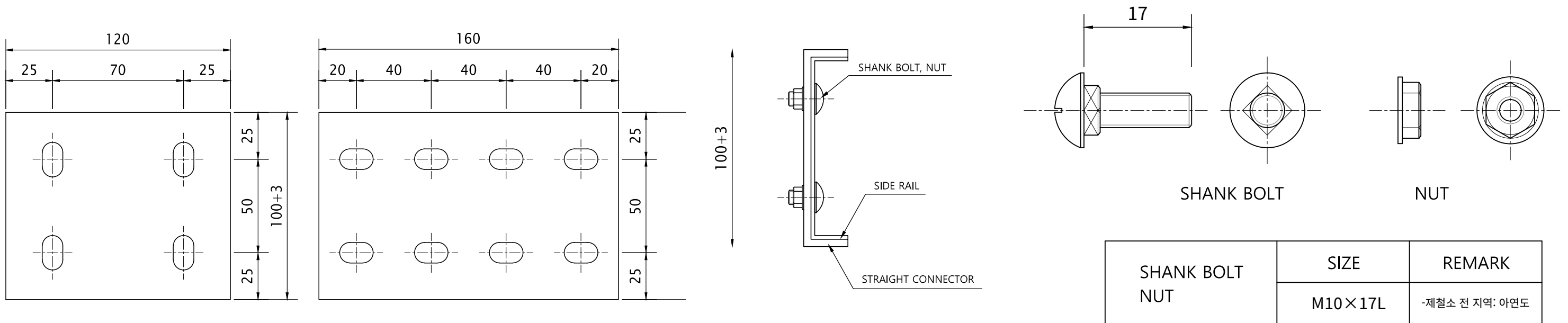
HVT-CR-057

UNIT mm · SCALE N.S.

REV. 2026.02 · 2026-09-15

CR STRAIGHT TRAY CONNECTOR

UNIT mm · N.S.



DESCRIPTION	규격(mm)	품번 / Item No.
JOINT CONN'	103×120×1.2t	HVT-CN120T12
JOINT CONN'	103×120×1.4t	HVT-CN120T14
JOINT CONN'	103×120×2.0t	HVT-CN120T20
120형 기준		

형식 / Type	T(mm)	품번 / Item No.
160형	1.0	HVT-CN160T10
160형	1.2	HVT-CN160T12
160형	1.4	HVT-CN160T14

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : 1.2t · 1.4t 용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : 2.0t PLATE 1.2t × 120×138 : 0.162kg/m² 1.4t × 120×138 : 0.188kg/m² 2.0t × 120×138 : 0.27kg/m² 도금 부착량 (양면합계) PLATE 1.2t, 1.4t : 250g/m² 제작 기준 제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

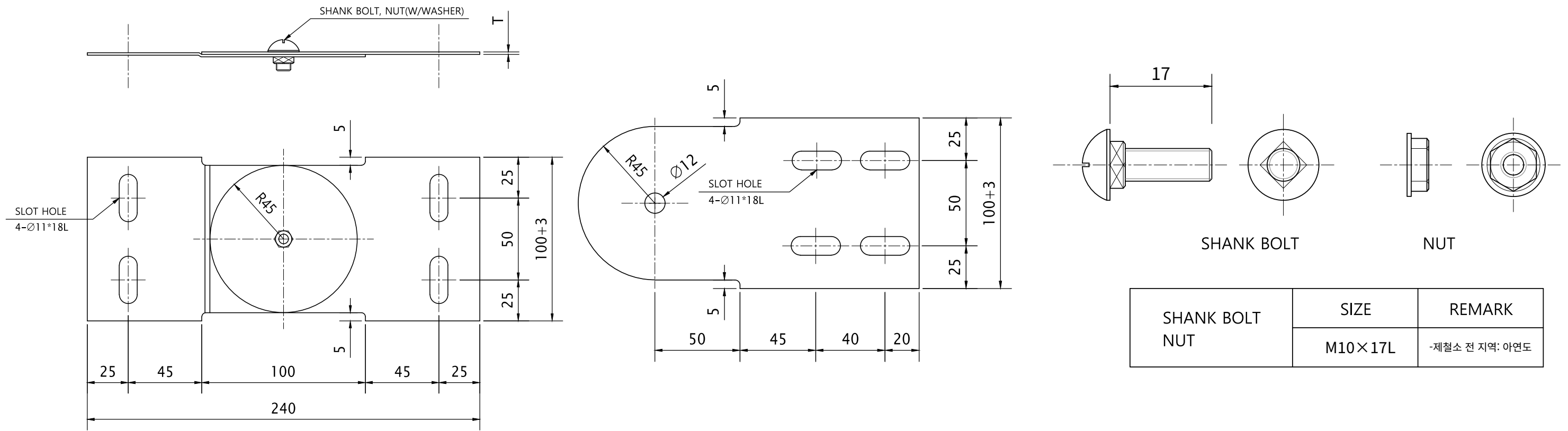
HVT-CR-032

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR ADJ. RISER CONNECTOR

UNIT mm · N.S.



DESCRIPTION	규격(mm)	품번 / Item No.
RISER CONN'	103 $\times$ 240 $\times$ 1.2t	HVT-RC240T12
RISER CONN'	103 $\times$ 240 $\times$ 1.4t	HVT-RC240T14
RISER CONN'	103 $\times$ 240 $\times$ 2.0t	HVT-RC240T20
240형 기준		

형식 / Type	T(mm)	품번 / Item No.
310형	1.0	HVT-RC310T10
310형	1.2	HVT-RC310T12
310형	1.4	HVT-RC310T14

REMARK (KS D 3030)	
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : 1.2t · 1.4t 용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : 2.0t PLATE 1.2t $\times$ 175$\times$138$\times$2 : 0.473kg/m² 1.4t $\times$ 175$\times$138$\times$2 : 0.549kg/m² 2.0t $\times$ 175$\times$138$\times$2 : 0.78kg/m² 도금 부착량 (양면 합계) PLATE 1.2t, 1.4t : 250g/m² 제작 기준 제작사양서 참조	

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

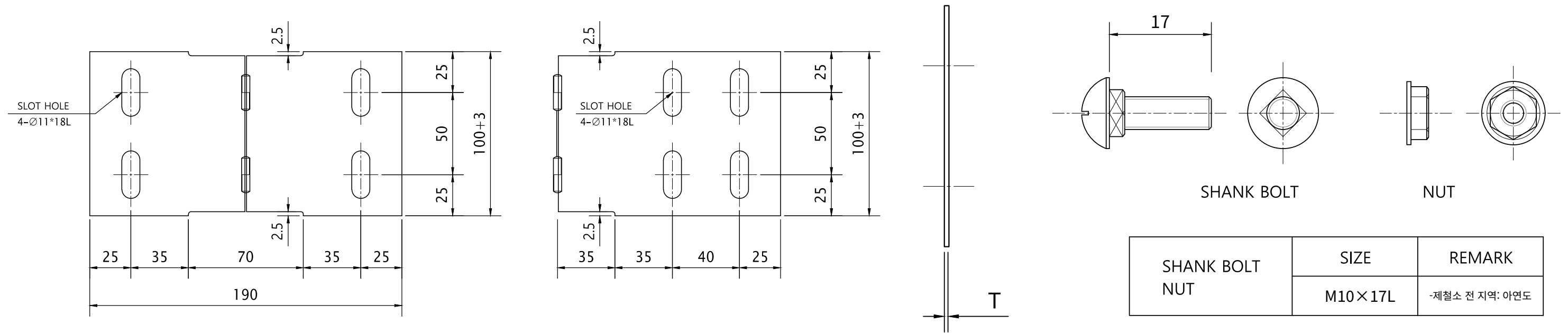
HVT-CR-033

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

CR BENDABLE HORIZONTAL CONNECTOR

UNIT mm · N.S.



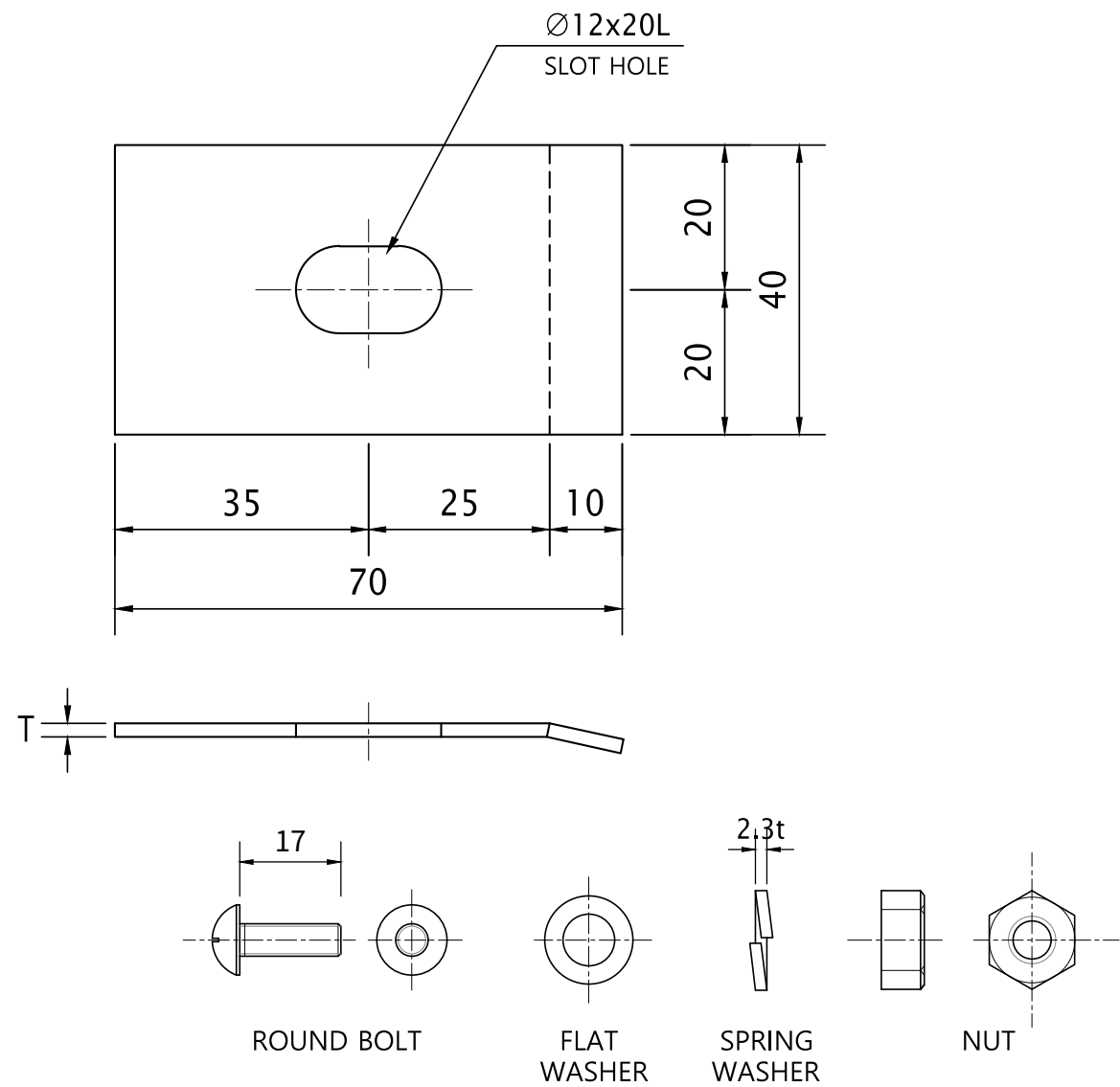
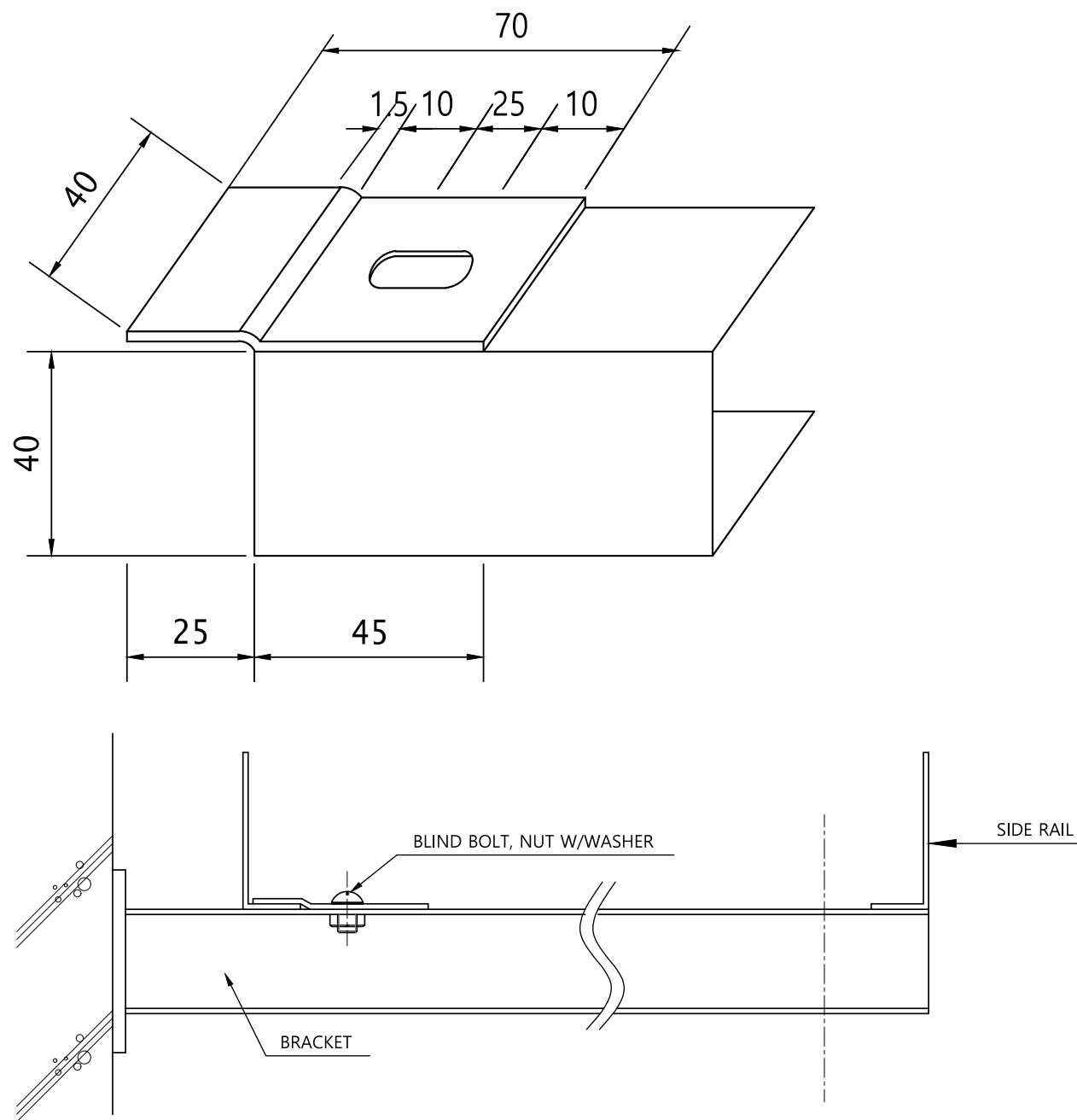
DESCRIPTION	규격(mm)	품번 / Item No.
HOR` CONN'	103×190×1.2t	HVT-BC190T12
HOR` CONN'	103×190×1.4t	HVT-BC190T14
HOR` CONN'	103×190×2.0t	HVT-BC190T20
190형 기준		

형식 / Type	T(mm)	품번 / Item No.
260형	1.0	HVT-BC260T10
260형	1.2	HVT-BC260T12
260형	1.4	HVT-BC260T14

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : 1.2t · 1.4t 용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : 2.0t PLATE 1.2t × 115×138×2 : 0.311kg/m ² 1.4t × 115×138×2 : 0.361kg/m ² 2.0t × 115×138×2 : 0.52kg/m ² 도금 부착량 (양면 합계) PLATE 1.2t, 1.4t : 250g/m ² 제작 기준 제작사양서 참조

CR HOLD DOWN CLAMP

UNIT mm · N.S.



ROUND BOLT	SIZE	REMARK
NUT W/WASHER	M10×17L	-제철소 전 지역: 아연도

DESCRIPTION	규격(mm)	품번 / Item No.
H.D.C	70×40×1.4t	HVT-HCT14
H.D.C	70×40×2.0t	HVT-HCT20

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : 1.4t 용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : 2.0t PLATE 1.4t × 70×40×2 : 0.032kg/m ² 2.0t × 70×40×2 : 0.045kg/m ² 도금 부착량 (양면 합계) PLATE 1.4t : 250g/m ² 제작 기준 제작사양서 참조

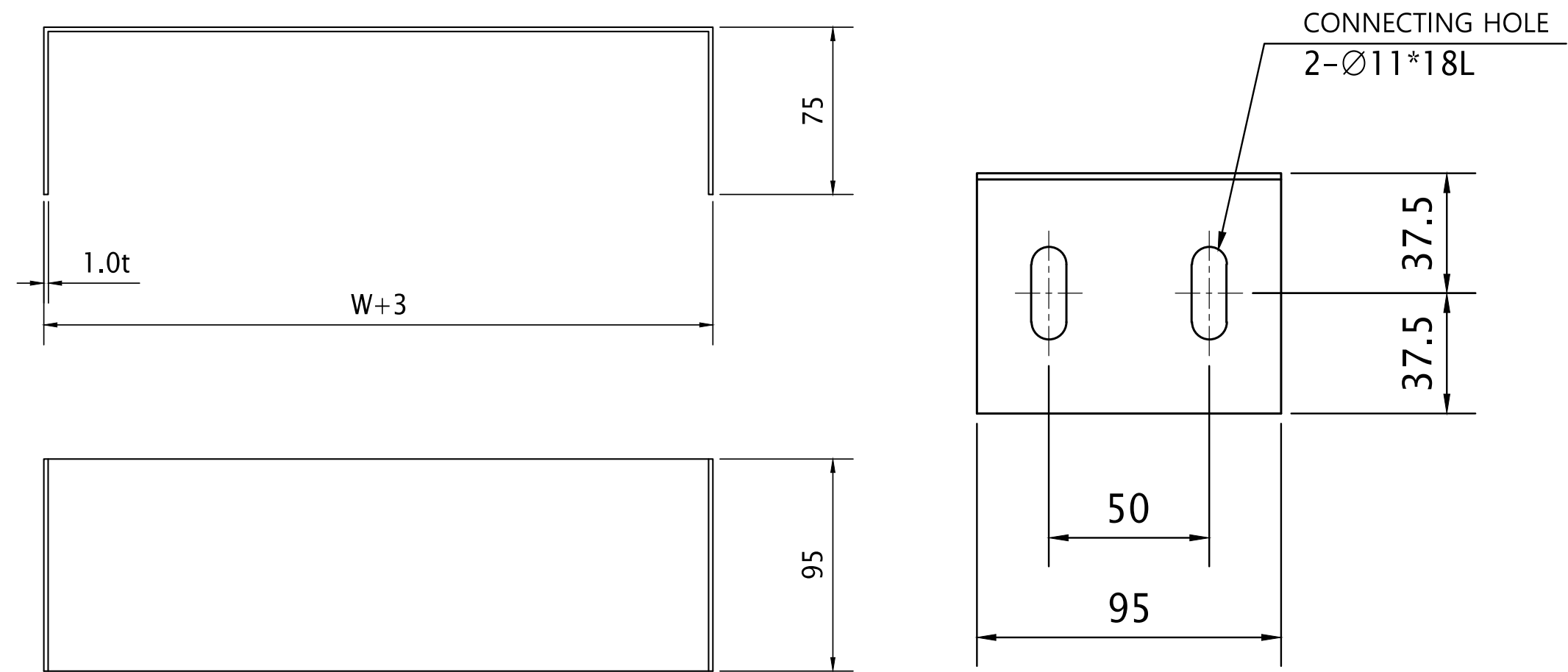
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-035

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR BLIND END

UNIT mm · N.S.



W(mm)	CR PosMAC(Kg /EA)	품번 / Item No.
200	0.27	HVT-BEW2
300	0.35	HVT-BEW3
400	0.42	HVT-BEW4
500	0.5	HVT-BEW5
600	0.58	HVT-BEW6
700	0.66	HVT-BEW7
800	0.73	HVT-BEW8
900	0.81	HVT-BEW9
1000	0.89	HVT-BEW10
END CAP · 100H		

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 도금 부착량 (양면 합계) PLATE 1.0t : 250g/m ² 제작 기준 제작사양서 참조

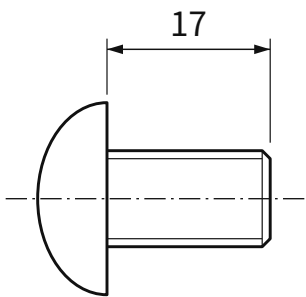
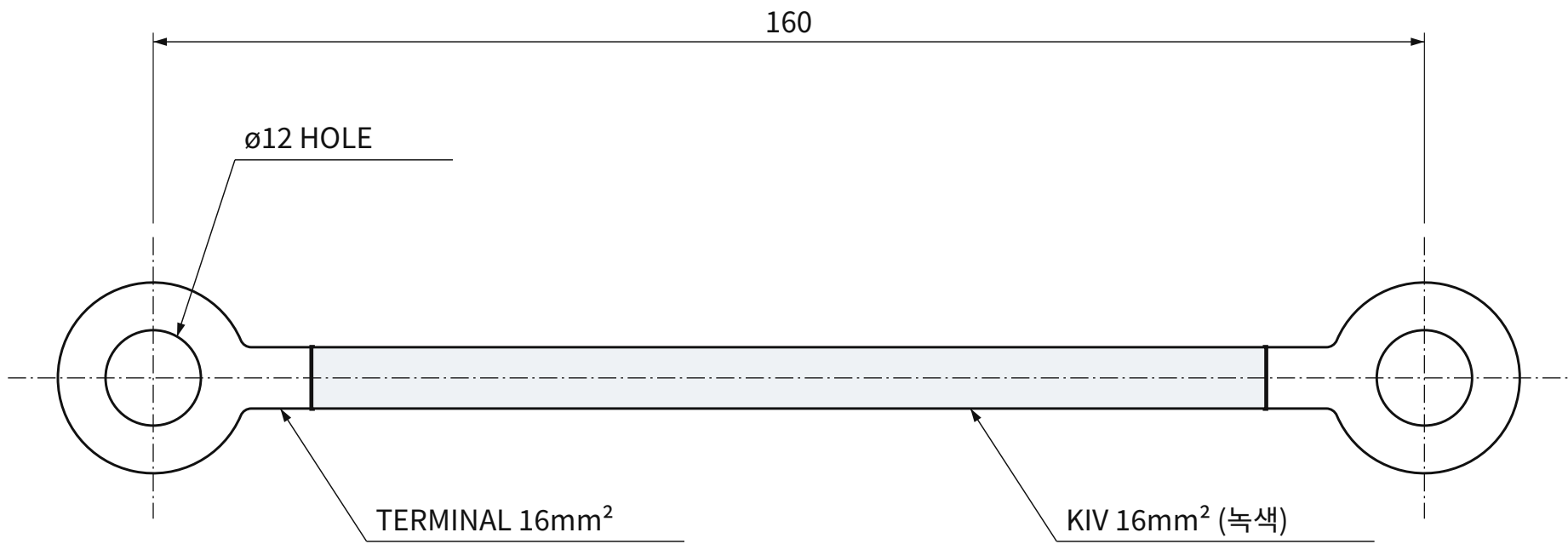
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-036

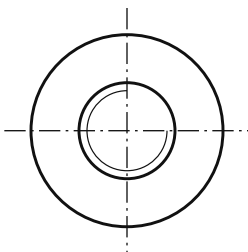
UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR GROUND BONDING JUMPER

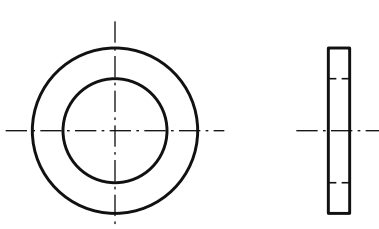
UNIT mm · N.S.



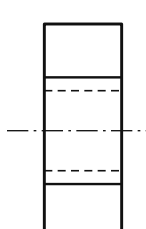
ROUND BOLT



FLAT WASHER



SPRING WASHER



NUT

부품 · 규격

품명	규격	비고
KIV	16mm ² (녹색)	
TERMINAL	16mm ² · ø12 HOLE	
ROUND BOLT · NUT W/WASHER	M10×17L	제철소 전 지역: 아연도
SPRING WASHER	2.3t	

규격	품번 / Item No.
KIV 16mm ² (녹색) · TERMINAL 16mm ²	HVT-BJ16
154kV 용 CABLE TRAY BONDING JUMPER · TYPE 35mm ²	HVT-BJ35

REMARK
전압별 규격 154kV 용 CABLE TRAY BONDING JUMPER TYPE 35mm² 적용 조건 A-TYPE 적용개소: 선강지역, 해변가 주변, 옥외지역

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

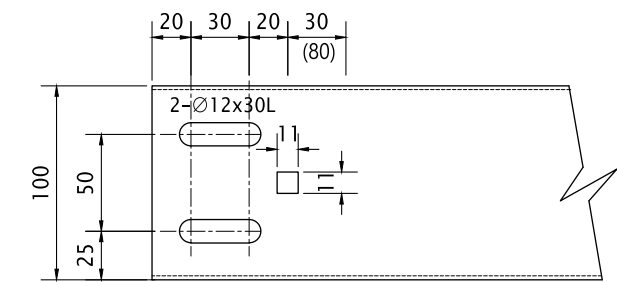
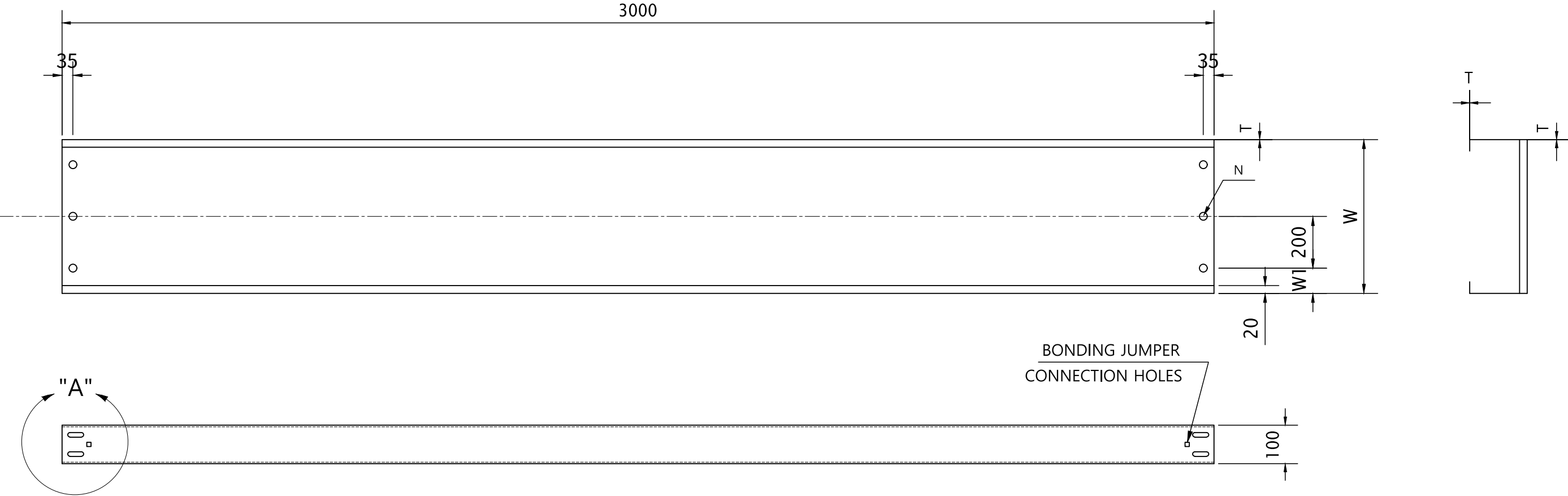
HVT-CR-037

UNIT mm · SCALE N.S.

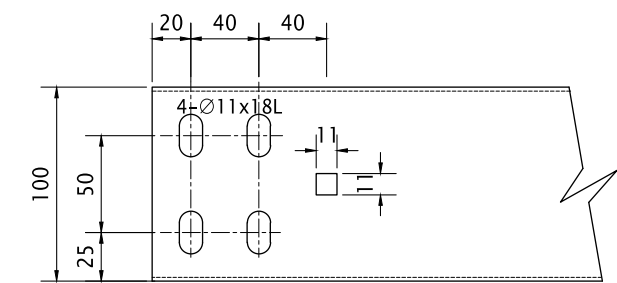
REV. 2026.01 · 2026-09-14

CR DUCT STRAIGHT (3.0m)

UNIT mm · N.S.



DETAIL "A"



DETAIL "B"

DIMENSION			CR PosMAC(Kg /3.0m) · 100H		품번 / Item No.	REMARK (KS D 3030)
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	T(mm)	WEIGHT		
200			1.2	12.64	A HVT-DSTW2A B HVT-DSTW2B	재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ² 도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ² 리벳 RIVET : Ø5×7.0L (황동합금) CABLE DUCT 지지 간격 ※CABLE DUCT 100H는 SUPPORT 간격 2M 기준임 제작 기준 제작사양서 참조
300	50	2	1.2	15.18	A HVT-DSTW3A B HVT-DSTW3B	
400	100	2	1.2	18.53	A HVT-DSTW4A B HVT-DSTW4B	
500	50	3	1.2	21.61	A HVT-DSTW5A B HVT-DSTW5B	
600	100	3	1.4	28.32	A HVT-DSTW6A B HVT-DSTW6B	
700	50	4	1.4	31.13	A HVT-DSTW7A B HVT-DSTW7B	
800	100	4	1.4	35.13	A HVT-DSTW8A B HVT-DSTW8B	
900	50	5	1.4	38.55	A HVT-DSTW9A B HVT-DSTW9B	
1000	100	5	1.4	41.96	A HVT-DSTW10A B HVT-DSTW10B	

주식회사 한빛트레이

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도면번호 / DRAWING NO.

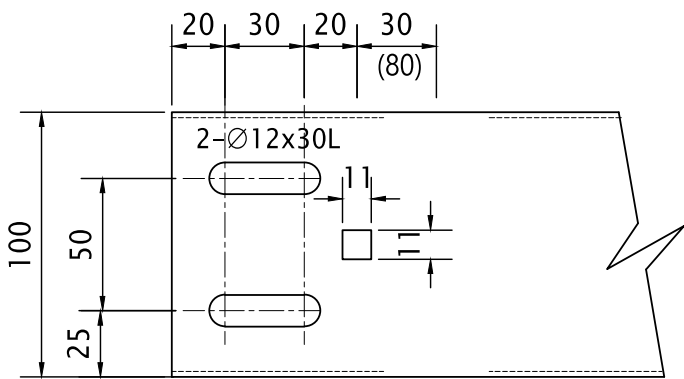
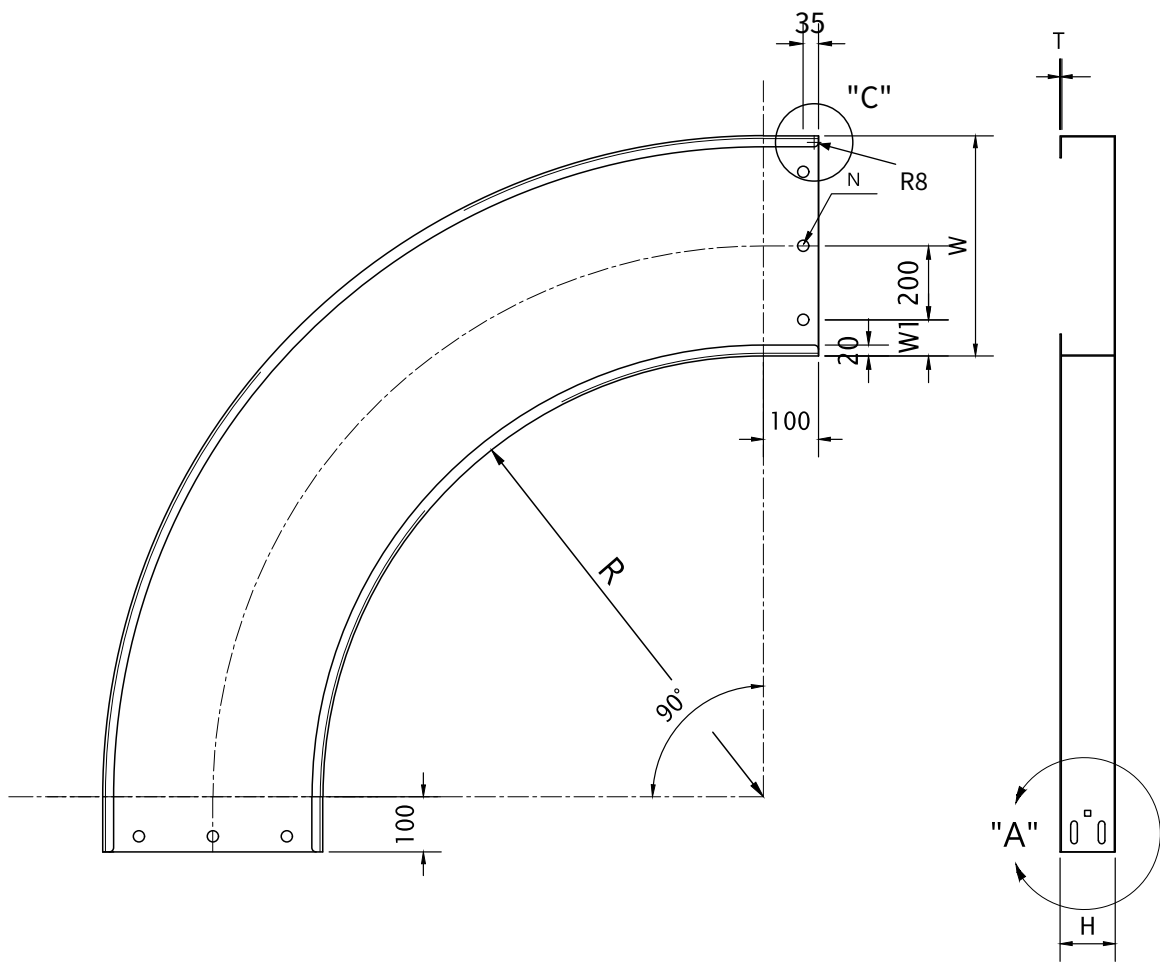
HVT-CR-038

UNIT mm · SCALE N.S.

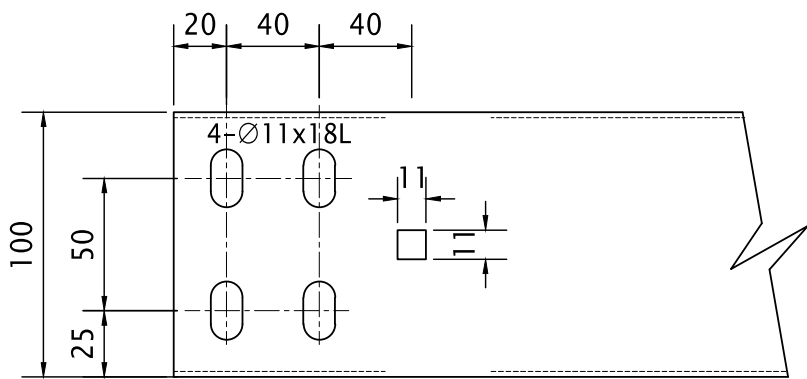
REV. 2026.01 · 2026-09-14

90° CR HORIZONTAL DUCT ELBOW

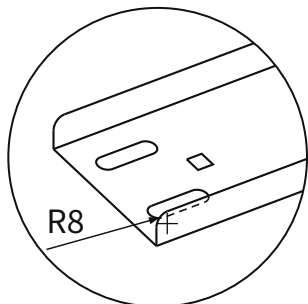
UNIT mm · N.S.



DETAIL "A"



DETAIL "B"



DETAIL C

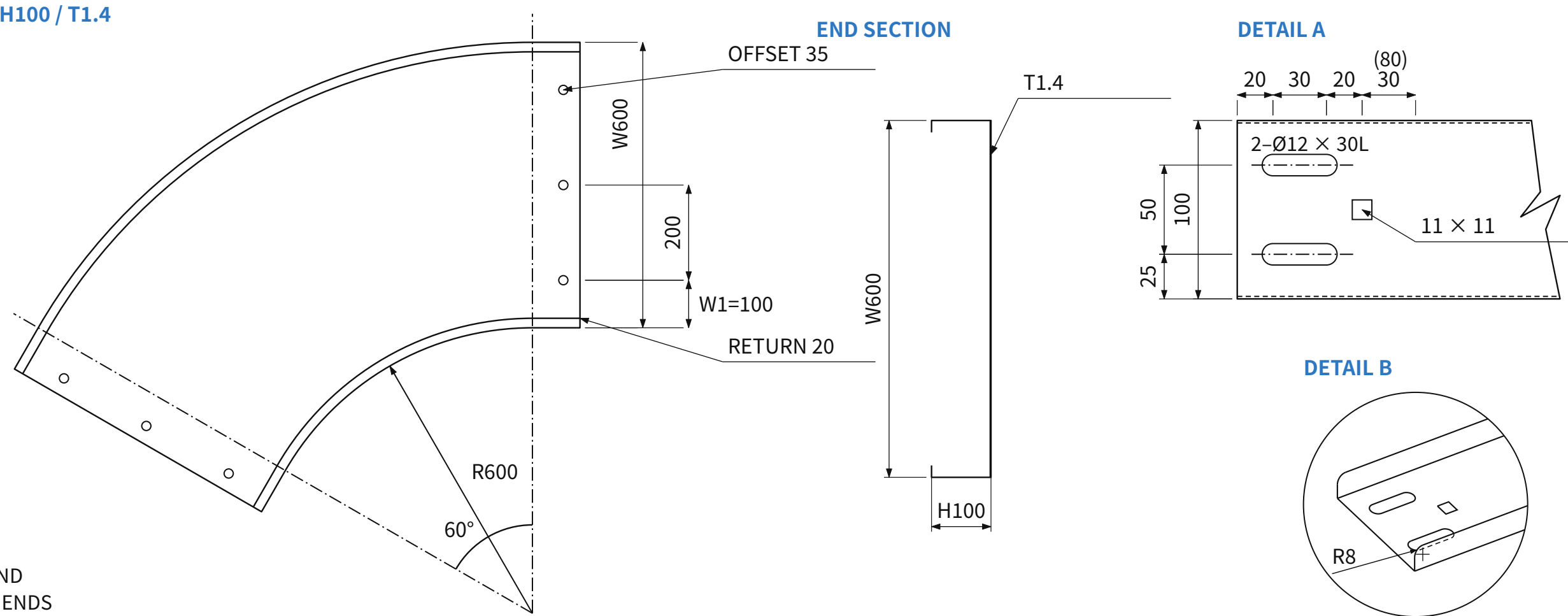
DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	3.78	A HVT-DHE90W2R3A B HVT-DHE90W2R3B	1.2	5.86	A HVT-DHE90W2R6A B HVT-DHE90W2R6B
300	50	2	1.2	5.08	A HVT-DHE90W3R3A B HVT-DHE90W3R3B	1.2	7.87	A HVT-DHE90W3R6A B HVT-DHE90W3R6B
400	100	2	1.2	6.53	A HVT-DHE90W4R3A B HVT-DHE90W4R3B	1.2	10.12	A HVT-DHE90W4R6A B HVT-DHE90W4R6B
500	50	3	1.2	8.16	A HVT-DHE90W5R3A B HVT-DHE90W5R3B	1.2	18.64	A HVT-DHE90W5R6A B HVT-DHE90W5R6B
600	100	3	1.4	11.41	A HVT-DHE90W6R3A B HVT-DHE90W6R3B	1.4	17.68	A HVT-DHE90W6R6A B HVT-DHE90W6R6B
700	50	4	1.4	13.65	A HVT-DHE90W7R3A B HVT-DHE90W7R3B	1.4	21.41	A HVT-DHE90W7R6A B HVT-DHE90W7R6B
800	100	4	1.4	22.27	A HVT-DHE90W8R3A B HVT-DHE90W8R3B	1.4	34.51	A HVT-DHE90W8R6A B HVT-DHE90W8R6B
900	50	5	1.4	25.89	A HVT-DHE90W9R3A B HVT-DHE90W9R3B	1.4	40.13	A HVT-DHE90W9R6A B HVT-DHE90W9R6B
1000	100	5	1.4	29.77	A HVT-DHE90W10R3A B HVT-DHE90W10R3B	1.4	46.14	A HVT-DHE90W10R6A B HVT-DHE90W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ²
리벳 RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 기준 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준 제작사양서 참조

60° CR HORIZONTAL DUCT ELBOW

UNIT mm · N.S.

PLAN · W600 / R600 / H100 / T1.4



N = 3 HOLES PER END
100 mm STRAIGHT ENDS

규격표 · CR PosMAC / 100H

W (mm)	W1 (mm)	N / 한쪽	300R T (mm)	300R kg/EA	품번 / Item No.	600R T (mm)	600R kg/EA	품번 / Item No.
200			1.2	2.82	HVT-DHE60W2R3	1.2	4.26	HVT-DHE60W2R6
300	50	2	1.2	3.76	HVT-DHE60W3R3	1.2	5.51	HVT-DHE60W3R6
400	100	2	1.2	4.74	HVT-DHE60W4R3	1.2	6.85	HVT-DHE60W4R6
500	50	3	1.2	5.95	HVT-DHE60W5R3	1.2	8.36	HVT-DHE60W5R6
600	100	3	1.4	8.27	HVT-DHE60W6R3	1.4	11.41	HVT-DHE60W6R6
700	50	4	1.4	9.85	HVT-DHE60W7R3	1.4	14.01	HVT-DHE60W7R6
800	100	4	1.4	15.99	HVT-DHE60W8R3	1.4	21.37	HVT-DHE60W8R6
900	50	5	1.4	18.52	HVT-DHE60W9R3	1.4	24.42	HVT-DHE60W9R6
1000	100	5	1.4	21.21	HVT-DHE60W10R3	1.4	27.63	HVT-DHE60W10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
KS D 3506 / KS D 3030
PLATE 1.0t: 6.42 kg/m²
PLATE 1.2t: 7.64 kg/m²
PLATE 1.4t: 8.87 kg/m²
도금 부착량 (양면 합계)
PLATE 1.2t · 1.4t: 250 g/m²
리벳
RIVET Ø5×7.0L (황동합금)
설치 조건
CABLE DUCT 100H: SUPPORT 간격 2M 기준
제작 기준
제작사양서 참조

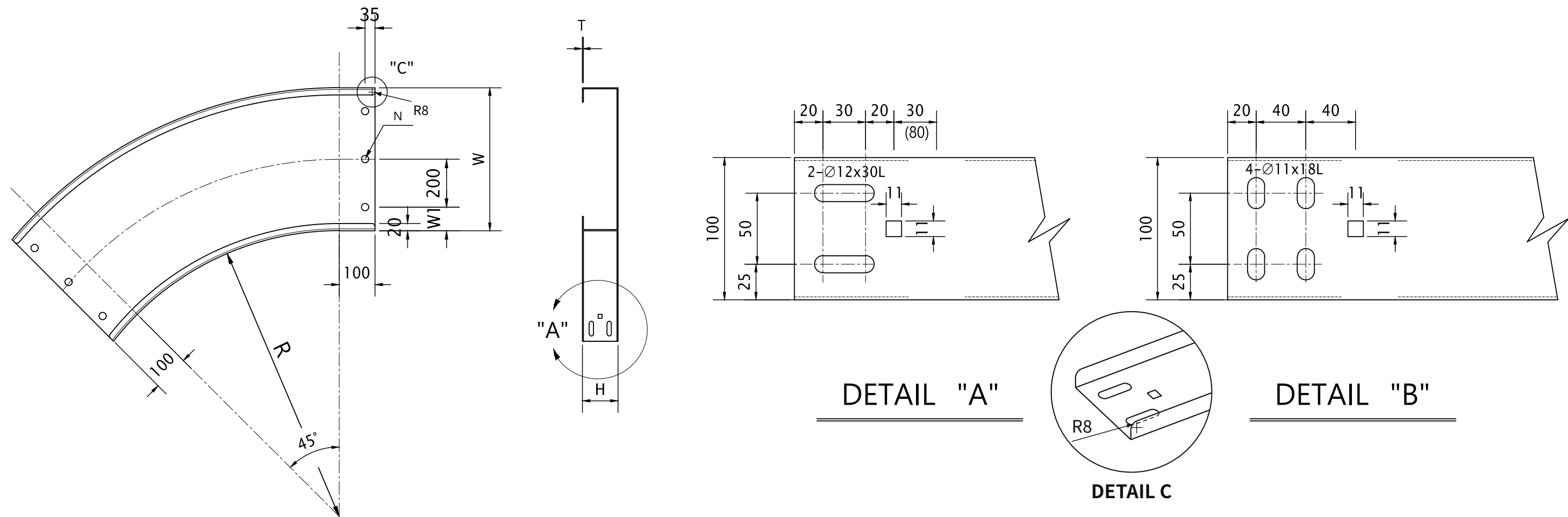
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-040

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

45° CR HORIZONTAL DUCT ELBOW

UNIT mm · N.S.

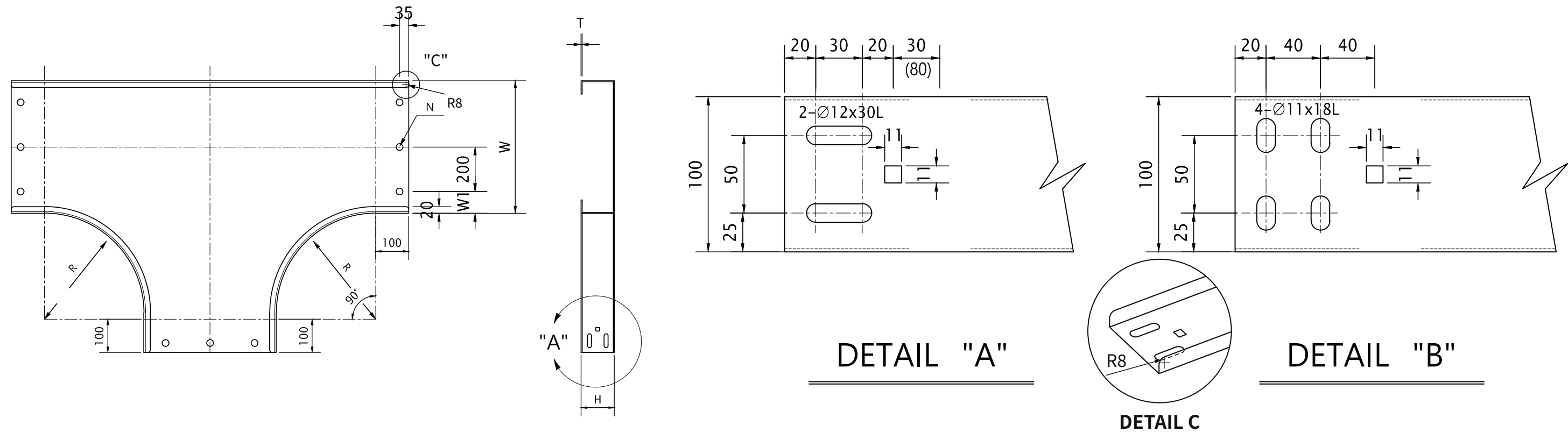


DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	2.34	A HVT-DHE45W2R3A B HVT-DHE45W2R3B	1.2	3.63	A HVT-DHE45W2R6A B HVT-DHE45W2R6B
300	50	2	1.2	3.11	A HVT-DHE45W3R3A B HVT-DHE45W3R3B	1.2	4.82	A HVT-DHE45W3R6A B HVT-DHE45W3R6B
400	100	2	1.2	3.93	A HVT-DHE45W4R3A B HVT-DHE45W4R3B	1.2	7.52	A HVT-DHE45W4R6A B HVT-DHE45W4R6B
500	50	3	1.2	4.85	A HVT-DHE45W5R3A B HVT-DHE45W5R3B	1.2	7.52	A HVT-DHE45W5R6A B HVT-DHE45W5R6B
600	100	3	1.4	6.71	A HVT-DHE45W6R3A B HVT-DHE45W6R3B	1.4	10.41	A HVT-DHE45W6R6A B HVT-DHE45W6R6B
700	50	4	1.4	7.94	A HVT-DHE45W7R3A B HVT-DHE45W7R3B	1.4	12.31	A HVT-DHE45W7R6A B HVT-DHE45W7R6B
800	100	4	1.4	12.85	A HVT-DHE45W8R3A B HVT-DHE45W8R3B	1.4	19.92	A HVT-DHE45W8R6A B HVT-DHE45W8R6B
900	50	5	1.4	14.83	A HVT-DHE45W9R3A B HVT-DHE45W9R3B	1.4	22.98	A HVT-DHE45W9R6A B HVT-DHE45W9R6B
1000	100	5	1.4	16.93	A HVT-DHE45W10R3A B HVT-DHE45W10R3B	1.4	26.24	A HVT-DHE45W10R6A B HVT-DHE45W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ²
리벳 RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 기준 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준 제작사양서 참조

CR DUCT TEE

UNIT mm · N.S.



DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	6.22	A HVT-DHTW2R3A B HVT-DHTW2R3B	1.2	9.64	A HVT-DHTW2R6A B HVT-DHTW2R6B
300	50	2	1.2	8.1	A HVT-DHTW3R3A B HVT-DHTW3R3B	1.2	12.56	A HVT-DHTW3R6A B HVT-DHTW3R6B
400	100	2	1.2	10.19	A HVT-DHTW4R3A B HVT-DHTW4R3B	1.2	15.79	A HVT-DHTW4R6A B HVT-DHTW4R6B
500	50	3	1.2	12.49	A HVT-DHTW5R3A B HVT-DHTW5R3B	1.2	19.36	A HVT-DHTW5R6A B HVT-DHTW5R6B
600	100	3	1.4	17.23	A HVT-DHTW6R3A B HVT-DHTW6R3B	1.4	26.71	A HVT-DHTW6R6A B HVT-DHTW6R6B
700	50	4	1.4	20.35	A HVT-DHTW7R3A B HVT-DHTW7R3B	1.4	31.54	A HVT-DHTW7R6A B HVT-DHTW7R6B
800	100	4	1.4	32.84	A HVT-DHTW8R3A B HVT-DHTW8R3B	1.4	50.91	A HVT-DHTW8R6A B HVT-DHTW8R6B
900	50	5	1.4	37.82	A HVT-DHTW9R3A B HVT-DHTW9R3B	1.4	58.62	A HVT-DHTW9R6A B HVT-DHTW9R6B
1000	100	5	1.4	43.13	A HVT-DHTW10R3A B HVT-DHTW10R3B	1.4	66.85	A HVT-DHTW10R6A B HVT-DHTW10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m² 1.2t : 7.64kg/m² 1.4t : 8.87kg/m² 도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m² 리벳 RIVET : Ø5×7.0L (황동합금) CABLE DUCT 기준 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임 제작 기준 제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

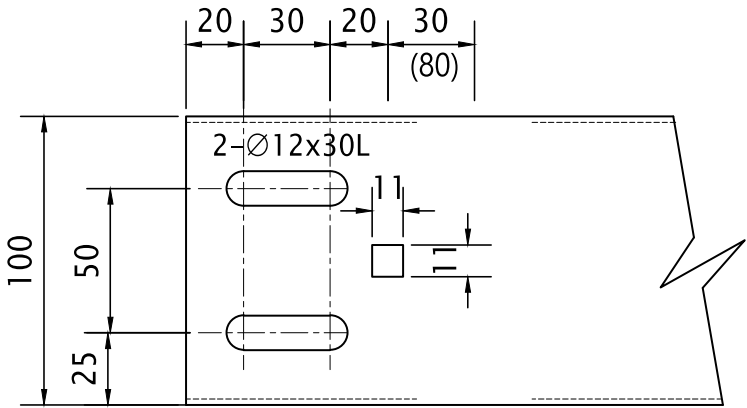
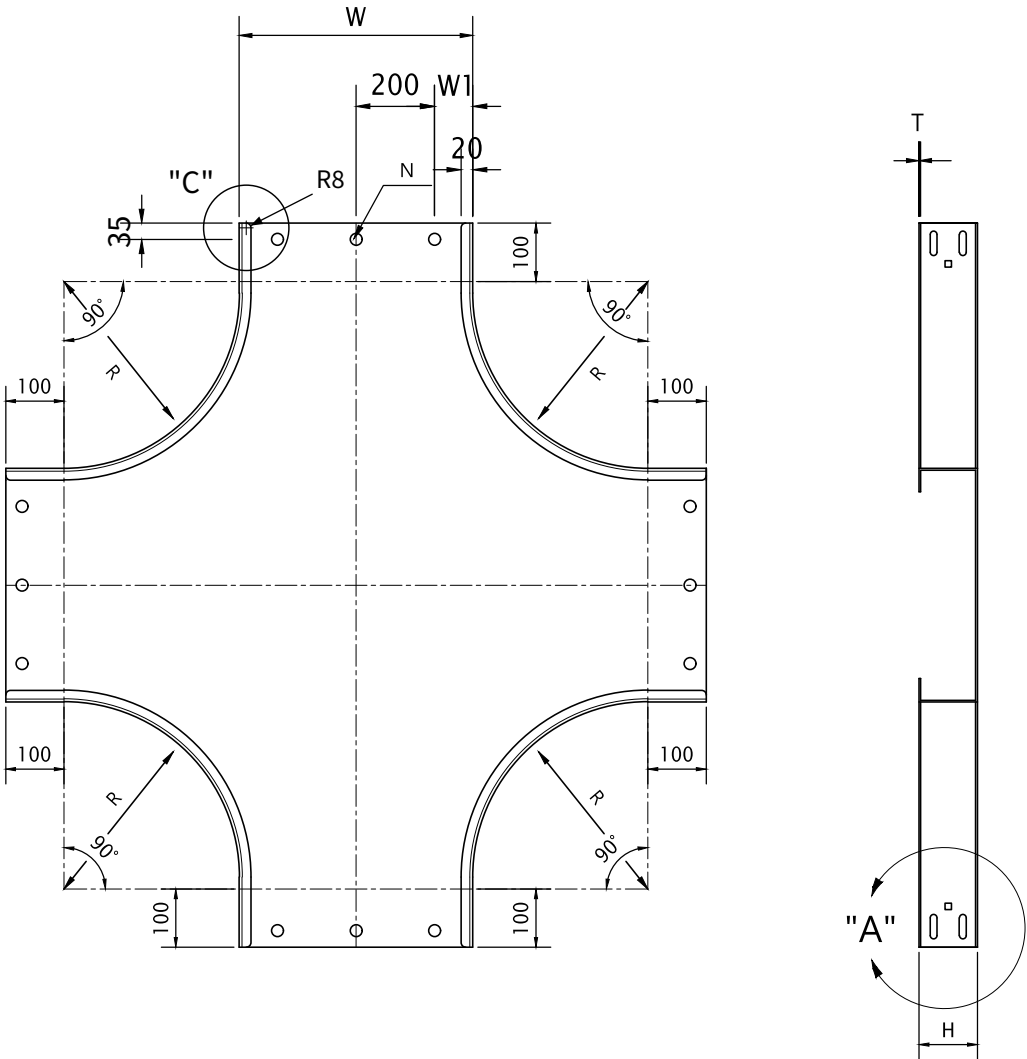
HVT-CR-042

UNIT mm · SCALE N.S.

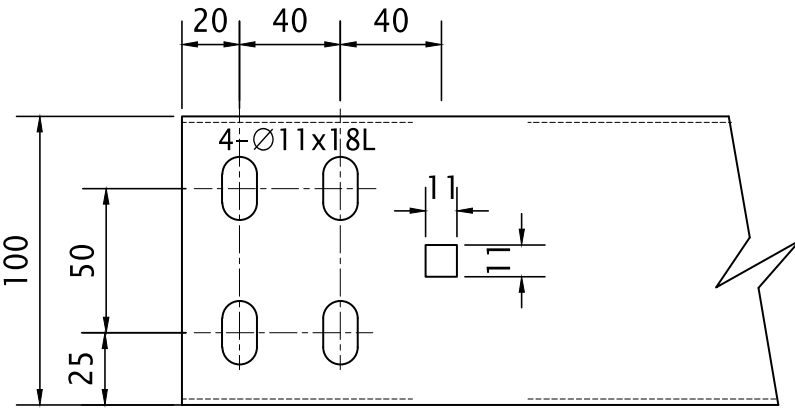
REV. 2026.01 · 2026-09-14

CR DUCT CROSS

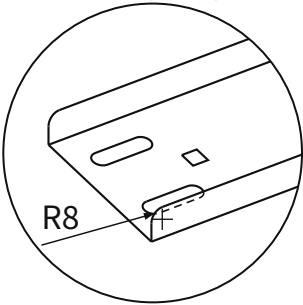
UNIT mm · N.S.



DETAIL "A"



DETAIL "B"



DETAIL C

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ²
리벳 RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 기준 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준 제작사양서 참조

DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	7.87	A HVT-DHXXW2R3A B HVT-DHXXW2R3B	1.2	12.19	A HVT-DHXXW2R6A B HVT-DHXXW2R6B
300	50	2	1.2	10.05	A HVT-DHXXW3R3A B HVT-DHXXW3R3B	1.2	15.58	A HVT-DHXXW3R6A B HVT-DHXXW3R6B
400	100	2	1.2	12.43	A HVT-DHXXW4R3A B HVT-DHXXW4R3B	1.2	19.26	A HVT-DHXXW4R6A B HVT-DHXXW4R6B
500	50	3	1.2	15.03	A HVT-DHXXW5R3A B HVT-DHXXW5R3B	1.2	23.29	A HVT-DHXXW5R6A B HVT-DHXXW5R6B
600	100	3	1.4	20.46	A HVT-DHXXW6R3A B HVT-DHXXW6R3B	1.4	31.71	A HVT-DHXXW6R6A B HVT-DHXXW6R6B
700	50	4	1.4	23.92	A HVT-DHXXW7R3A B HVT-DHXXW7R3B	1.4	37.08	A HVT-DHXXW7R6A B HVT-DHXXW7R6B
800	100	4	1.4	38.25	A HVT-DHXXW8R3A B HVT-DHXXW8R3B	1.4	59.28	A HVT-DHXXW8R6A B HVT-DHXXW8R6B
900	50	5	1.4	43.69	A HVT-DHXXW9R3A B HVT-DHXXW9R3B	1.4	67.72	A HVT-DHXXW9R6A B HVT-DHXXW9R6B
1000	100	5	1.4	49.47	A HVT-DHXXW10R3A B HVT-DHXXW10R3B	1.4	76.68	A HVT-DHXXW10R6A B HVT-DHXXW10R6B

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

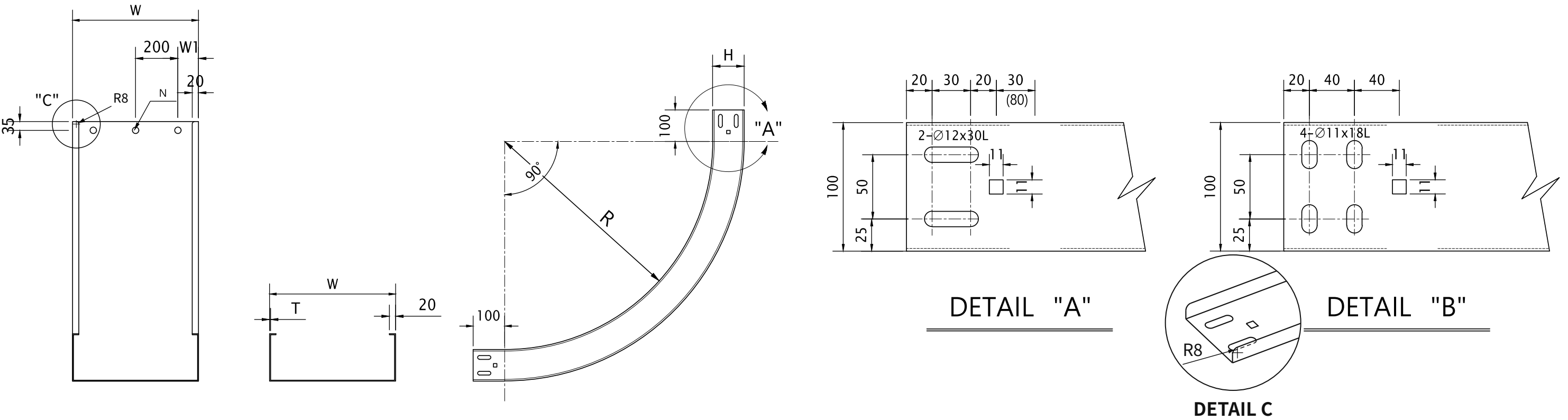
HVT-CR-043

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

90° CR VERTICAL DUCT ELBOW (INSIDE)

UNIT mm · N.S.

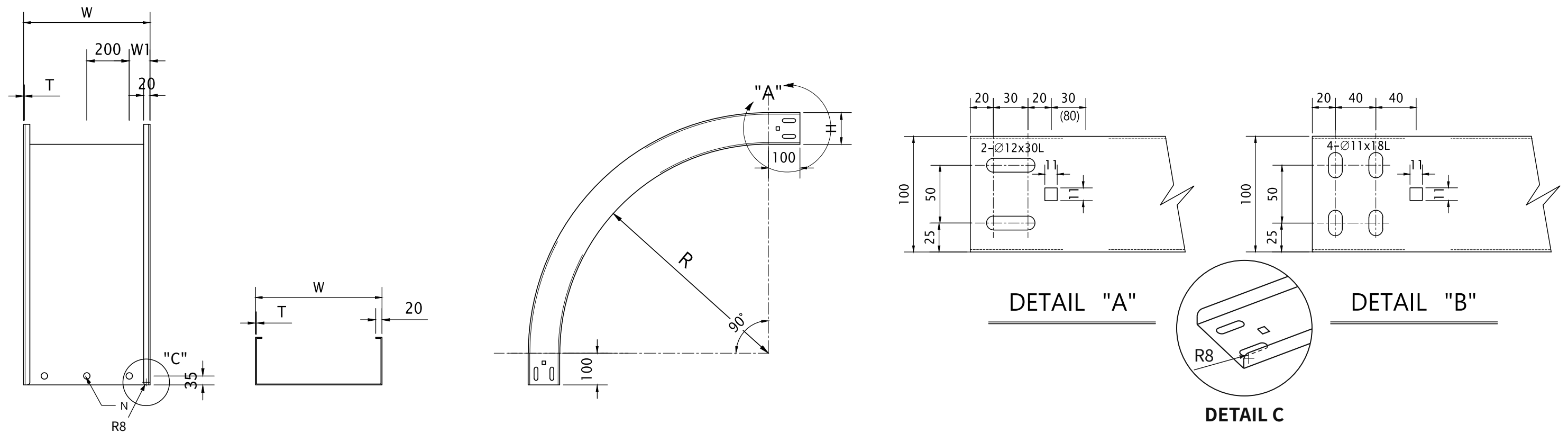


DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	4.82	A HVT-DVEI90W2R3A B HVT-DVEI90W2R3B	1.2	7.47	A HVT-DVEI90W2R6A B HVT-DVEI90W2R6B
300	50	2	1.2	5.97	A HVT-DVEI90W3R3A B HVT-DVEI90W3R3B	1.2	9.25	A HVT-DVEI90W3R6A B HVT-DVEI90W3R6B
400	100	2	1.2	7.13	A HVT-DVEI90W4R3A B HVT-DVEI90W4R3B	1.2	11.05	A HVT-DVEI90W4R6A B HVT-DVEI90W4R6B
500	50	3	1.2	8.28	A HVT-DVEI90W5R3A B HVT-DVEI90W5R3B	1.2	12.83	A HVT-DVEI90W5R6A B HVT-DVEI90W5R6B
600	100	3	1.4	10.84	A HVT-DVEI90W6R3A B HVT-DVEI90W6R3B	1.4	16.81	A HVT-DVEI90W6R6A B HVT-DVEI90W6R6B
700	50	4	1.4	12.17	A HVT-DVEI90W7R3A B HVT-DVEI90W7R3B	1.4	18.86	A HVT-DVEI90W7R6A B HVT-DVEI90W7R6B
800	100	4	1.4	18.69	A HVT-DVEI90W8R3A B HVT-DVEI90W8R3B	1.4	28.96	A HVT-DVEI90W8R6A B HVT-DVEI90W8R6B
900	50	5	1.4	20.53	A HVT-DVEI90W9R3A B HVT-DVEI90W9R3B	1.4	31.82	A HVT-DVEI90W9R6A B HVT-DVEI90W9R6B
1000	100	5	1.4	22.37	A HVT-DVEI90W10R3A B HVT-DVEI90W10R3B	1.4	34.67	A HVT-DVEI90W10R6A B HVT-DVEI90W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ² 도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ² 리벳 RIVET : Ø5×7.0L (황동합금) CABLE DUCT 기준 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임 제작 기준 제작사양서 참조

90° CR VERTICAL DUCT ELBOW (OUTSIDE)

UNIT mm · N.S.



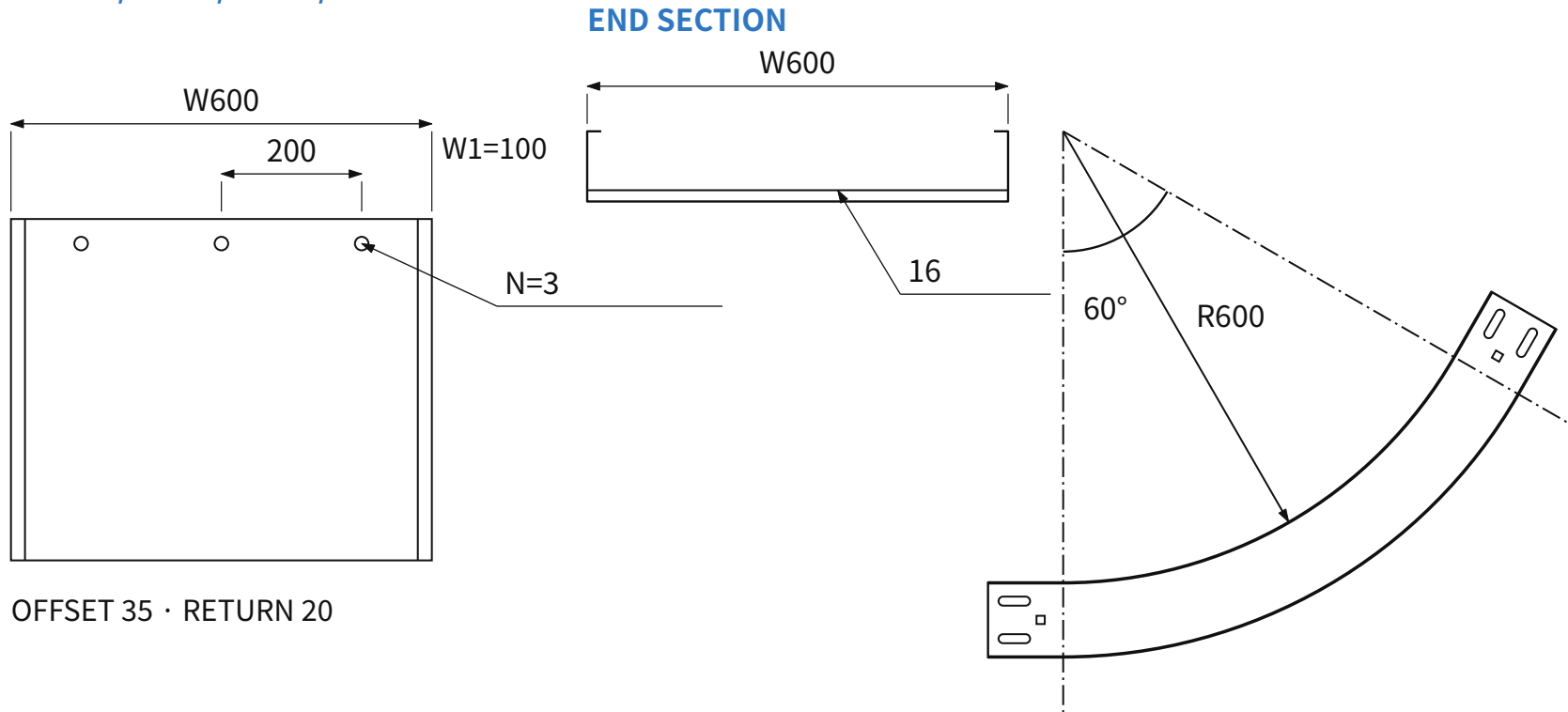
DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	4.82	A HVT-DVEO90W2R3A B HVT-DVEO90W2R3B	1.2	7.47	A HVT-DVEO90W2R6A B HVT-DVEO90W2R6B
300	50	2	1.2	5.97	A HVT-DVEO90W3R3A B HVT-DVEO90W3R3B	1.2	9.25	A HVT-DVEO90W3R6A B HVT-DVEO90W3R6B
400	100	2	1.2	7.13	A HVT-DVEO90W4R3A B HVT-DVEO90W4R3B	1.2	11.05	A HVT-DVEO90W4R6A B HVT-DVEO90W4R6B
500	50	3	1.2	8.28	A HVT-DVEO90W5R3A B HVT-DVEO90W5R3B	1.2	12.83	A HVT-DVEO90W5R6A B HVT-DVEO90W5R6B
600	100	3	1.4	10.84	A HVT-DVEO90W6R3A B HVT-DVEO90W6R3B	1.4	16.81	A HVT-DVEO90W6R6A B HVT-DVEO90W6R6B
700	50	4	1.4	12.17	A HVT-DVEO90W7R3A B HVT-DVEO90W7R3B	1.4	18.86	A HVT-DVEO90W7R6A B HVT-DVEO90W7R6B
800	100	4	1.4	18.69	A HVT-DVEO90W8R3A B HVT-DVEO90W8R3B	1.4	28.96	A HVT-DVEO90W8R6A B HVT-DVEO90W8R6B
900	50	5	1.4	20.53	A HVT-DVEO90W9R3A B HVT-DVEO90W9R3B	1.4	31.82	A HVT-DVEO90W9R6A B HVT-DVEO90W9R6B
1000	100	5	1.4	22.37	A HVT-DVEO90W10R3A B HVT-DVEO90W10R3B	1.4	34.67	A HVT-DVEO90W10R6A B HVT-DVEO90W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ² 도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ² 리벳 RIVET : Ø5×7.0L (황동합금) CABLE DUCT 지지 간격 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임 제작 기준 제작사양서 참조

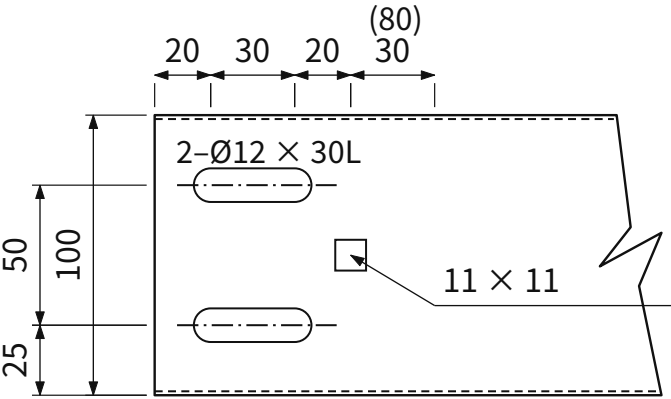
60° CR VERTICAL DUCT ELBOW (INSIDE)

UNIT mm · N.S.

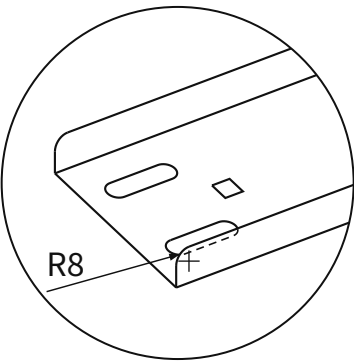
INSIDE · W600 / R600 / H100 / T1.4



DETAIL A



DETAIL B



규격표 · CR PosMAC / 100H

W (mm)	W1 (mm)	N / 한쪽	300R T (mm)	300R kg/EA	품번 / Item No.	600R T (mm)	600R kg/EA	품번 / Item No.
200			1.2	4.18	HVT-DVEI60W2R3	1.2	4.21	HVT-DVEI60W2R6
300	50	2	1.2	4.76	HVT-DVEI60W3R3	1.2	5.13	HVT-DVEI60W3R6
400	100	2	1.2	6.12	HVT-DVEI60W4R3	1.2	6.05	HVT-DVEI60W4R6
500	50	3	1.2	6.78	HVT-DVEI60W5R3	1.2	6.97	HVT-DVEI60W5R6
600	100	3	1.4	10.31	HVT-DVEI60W6R3	1.4	9.07	HVT-DVEI60W6R6
700	50	4	1.4	11.22	HVT-DVEI60W7R3	1.4	10.13	HVT-DVEI60W7R6
800	100	4	1.4	12.14	HVT-DVEI60W8R3	1.4	15.51	HVT-DVEI60W8R6
900	50	5	1.4	13.05	HVT-DVEI60W9R3	1.4	16.98	HVT-DVEI60W9R6
1000	100	5	1.4	13.96	HVT-DVEI60W10R3	1.4	18.45	HVT-DVEI60W10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
KS D 3506 / KS D 3030
PLATE 1.0t: 6.42 kg/m²
PLATE 1.2t: 7.64 kg/m²
PLATE 1.4t: 8.87 kg/m²
도금 부착량 (양면 합계)
PLATE 1.2t · 1.4t: 250 g/m²
리벳
RIVET Ø5×7.0L (황동합금)
설치 조건
CABLE DUCT 100H: SUPPORT 간격 2M 기준
제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

HVT-CR-046

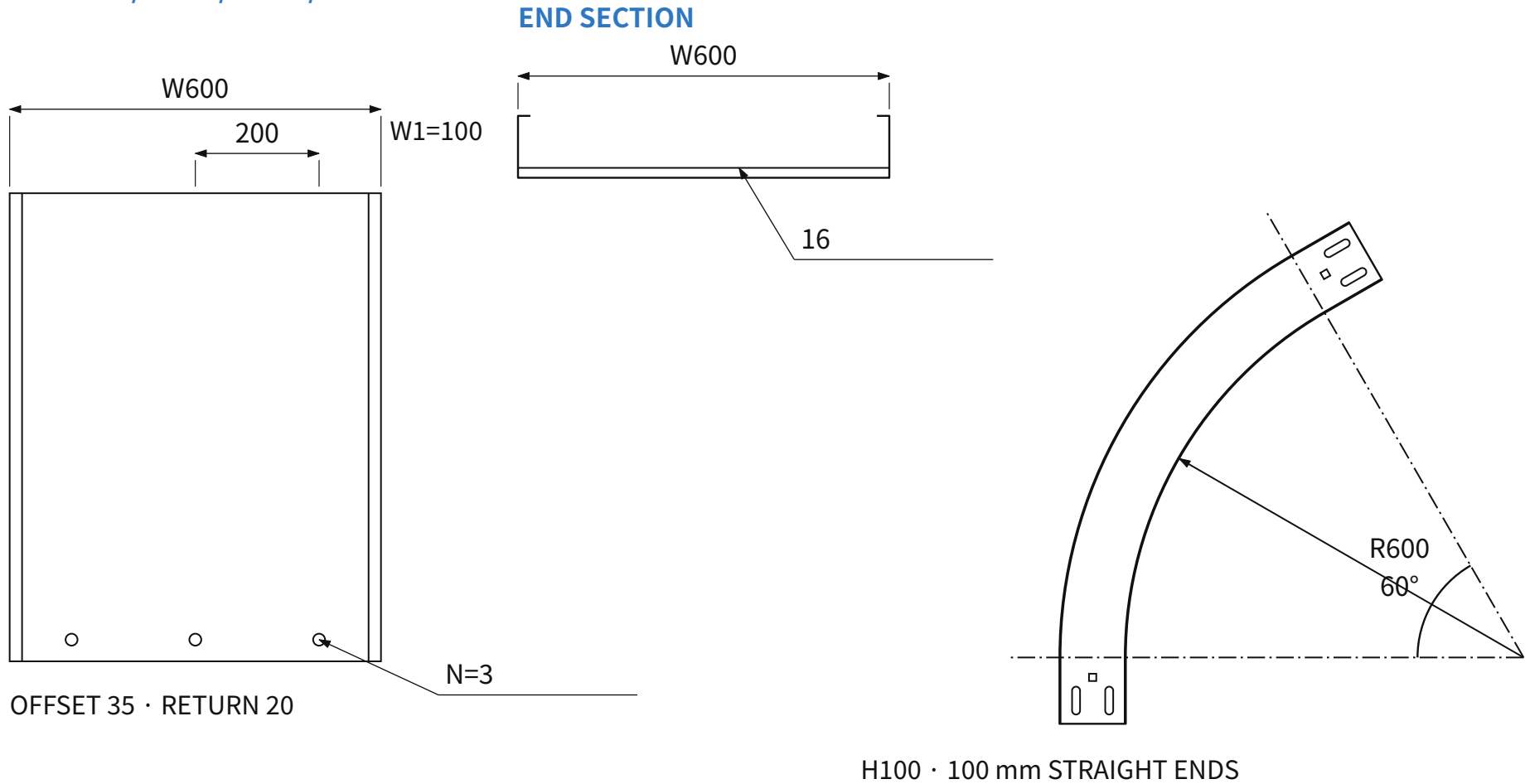
UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

60° CR VERTICAL DUCT ELBOW (OUTSIDE)

UNIT mm · N.S.

OUTSIDE · W600 / R600 / H100 / T1.4



규격표 · CR PosMAC / 100H

W (mm)	W1 (mm)	N / 한쪽	300R T (mm)	300R kg/EA	품번 / Item No.	600R T (mm)	600R kg/EA	품번 / Item No.
200			1.2	4.18	HVT-DVEO60W2R3	1.2	4.21	HVT-DVEO60W2R6
300	50	2	1.2	4.76	HVT-DVEO60W3R3	1.2	5.13	HVT-DVEO60W3R6
400	100	2	1.2	6.12	HVT-DVEO60W4R3	1.2	6.05	HVT-DVEO60W4R6
500	50	3	1.2	6.78	HVT-DVEO60W5R3	1.2	6.97	HVT-DVEO60W5R6
600	100	3	1.4	10.31	HVT-DVEO60W6R3	1.4	9.07	HVT-DVEO60W6R6
700	50	4	1.4	11.22	HVT-DVEO60W7R3	1.4	10.13	HVT-DVEO60W7R6
800	100	4	1.4	12.14	HVT-DVEO60W8R3	1.4	15.51	HVT-DVEO60W8R6
900	50	5	1.4	13.05	HVT-DVEO60W9R3	1.4	16.98	HVT-DVEO60W9R6
1000	100	5	1.4	13.96	HVT-DVEO60W10R3	1.4	18.45	HVT-DVEO60W10R6

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 CR PosMAC
KS D 3506 / KS D 3030
PLATE 1.0t: 6.42 kg/m²
PLATE 1.2t: 7.64 kg/m²
PLATE 1.4t: 8.87 kg/m²
도금 부착량 (양면 합계)
PLATE 1.2t · 1.4t: 250 g/m²
리벳
RIVET Ø5×7.0L (황동합금)
설치 조건
CABLE DUCT 100H: SUPPORT 간격 2M 기준
제작 기준
제작사양서 참조

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

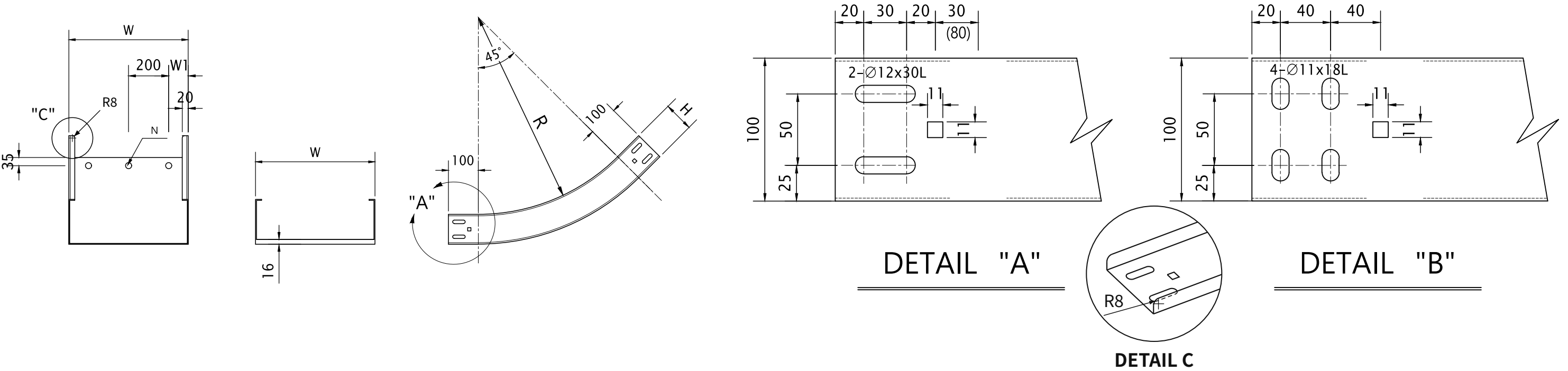
HVT-CR-047

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

45° CR VERTICAL DUCT ELBOW (INSIDE)

UNIT mm · N.S.

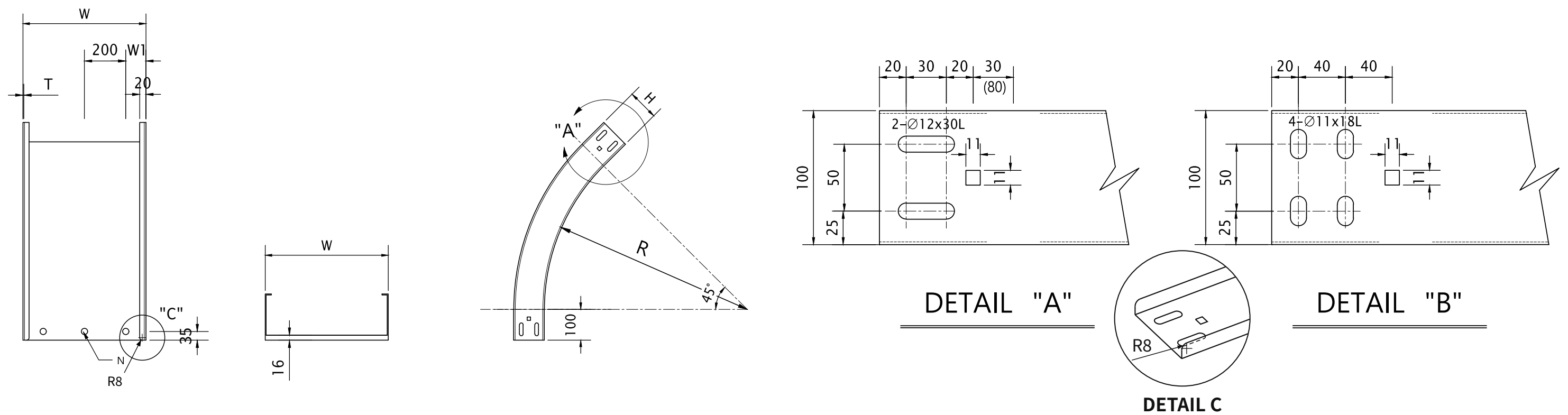


DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	3.1	A HVT-DVEI45W2R3A B HVT-DVEI45W2R3B	1.2	4.81	A HVT-DVEI45W2R6A B HVT-DVEI45W2R6B
300	50	2	1.2	3.84	A HVT-DVEI45W3R3A B HVT-DVEI45W3R3B	1.2	5.95	A HVT-DVEI45W3R6A B HVT-DVEI45W3R6B
400	100	2	1.2	4.59	A HVT-DVEI45W4R3A B HVT-DVEI45W4R3B	1.2	7.11	A HVT-DVEI45W4R6A B HVT-DVEI45W4R6B
500	50	3	1.2	6.21	A HVT-DVEI45W5R3A B HVT-DVEI45W5R3B	1.2	9.62	A HVT-DVEI45W5R6A B HVT-DVEI45W5R6B
600	100	3	1.4	8.12	A HVT-DVEI45W6R3A B HVT-DVEI45W6R3B	1.4	12.58	A HVT-DVEI45W6R6A B HVT-DVEI45W6R6B
700	50	4	1.4	9.11	A HVT-DVEI45W7R3A B HVT-DVEI45W7R3B	1.4	14.12	A HVT-DVEI45W7R6A B HVT-DVEI45W7R6B
800	100	4	1.4	14	A HVT-DVEI45W8R3A B HVT-DVEI45W8R3B	1.4	21.7	A HVT-DVEI45W8R6A B HVT-DVEI45W8R6B
900	50	5	1.4	15.37	A HVT-DVEI45W9R3A B HVT-DVEI45W9R3B	1.4	23.82	A HVT-DVEI45W9R6A B HVT-DVEI45W9R6B
1000	100	5	1.4	16.74	A HVT-DVEI45W10R3A B HVT-DVEI45W10R3B	1.4	25.95	A HVT-DVEI45W10R6A B HVT-DVEI45W10R6B

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ²
리벳 RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 지지 간격 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준 제작사양서 참조

45° CR VERTICAL DUCT ELBOW (OUTSIDE)

UNIT mm · N.S.



DIMENSION			CR PosMAC(Kg /EA) · 100H					
W(mm)	W1(mm)	N(EA) (한쪽 HOLE 개수)	300R			600R		
			T(mm)	WEIGHT	품번 / Item No.	T(mm)	WEIGHT	품번 / Item No.
200			1.2	3.1	A HVT-DVEO45W2R3A B HVT-DVEO45W2R3B	1.2	4.81	A HVT-DVEO45W2R6A B HVT-DVEO45W2R6B
300	50	2	1.2	3.84	A HVT-DVEO45W3R3A B HVT-DVEO45W3R3B	1.2	5.95	A HVT-DVEO45W3R6A B HVT-DVEO45W3R6B
400	100	2	1.2	4.59	A HVT-DVEO45W4R3A B HVT-DVEO45W4R3B	1.2	7.11	A HVT-DVEO45W4R6A B HVT-DVEO45W4R6B
500	50	3	1.2	6.21	A HVT-DVEO45W5R3A B HVT-DVEO45W5R3B	1.2	9.62	A HVT-DVEO45W5R6A B HVT-DVEO45W5R6B
600	100	3	1.4	8.12	A HVT-DVEO45W6R3A B HVT-DVEO45W6R3B	1.4	12.58	A HVT-DVEO45W6R6A B HVT-DVEO45W6R6B
700	50	4	1.4	9.11	A HVT-DVEO45W7R3A B HVT-DVEO45W7R3B	1.4	14.12	A HVT-DVEO45W7R6A B HVT-DVEO45W7R6B
800	100	4	1.4	14	A HVT-DVEO45W8R3A B HVT-DVEO45W8R3B	1.4	21.7	A HVT-DVEO45W8R6A B HVT-DVEO45W8R6B
900	50	5	1.4	15.37	A HVT-DVEO45W9R3A B HVT-DVEO45W9R3B	1.4	23.82	A HVT-DVEO45W9R6A B HVT-DVEO45W9R6B
1000	100	5	1.4	16.74	A HVT-DVEO45W10R3A B HVT-DVEO45W10R3B	1.4	25.95	A HVT-DVEO45W10R6A B HVT-DVEO45W10R6B

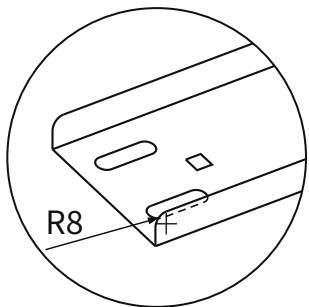
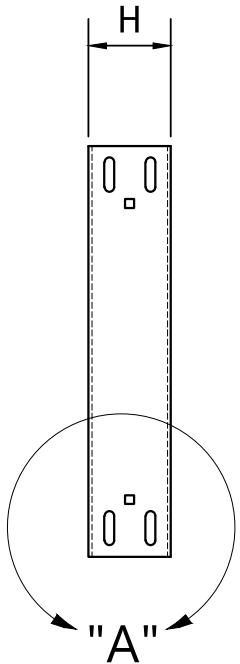
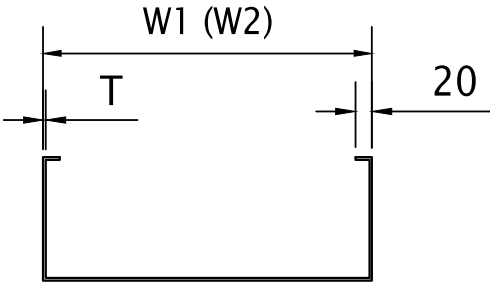
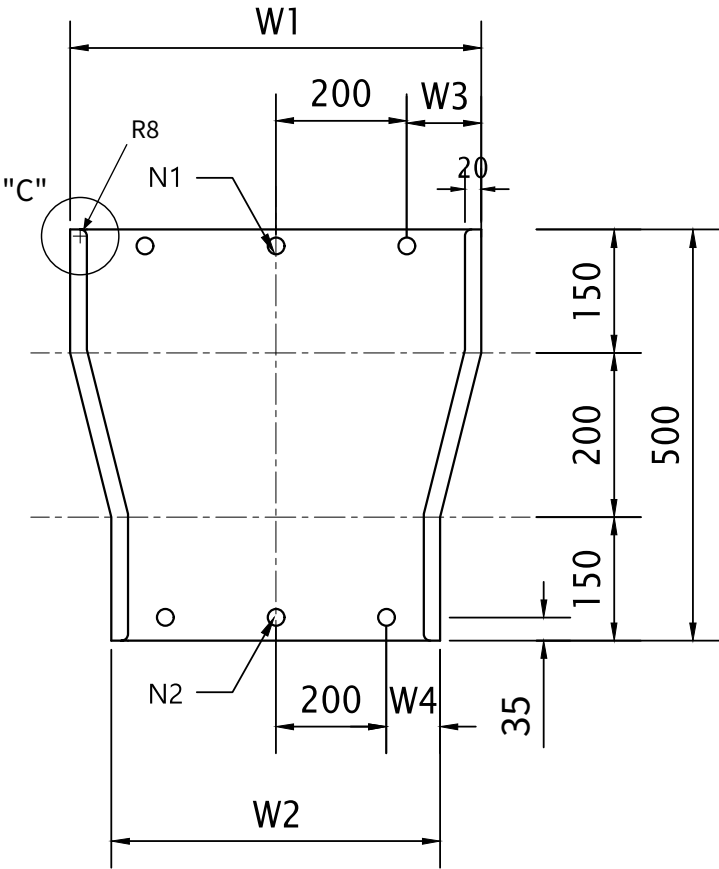
REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ²
도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ²
리벳 RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 지지 간격 CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준 제작사양서 참조

CR STRAIGHT DUCT REDUCER

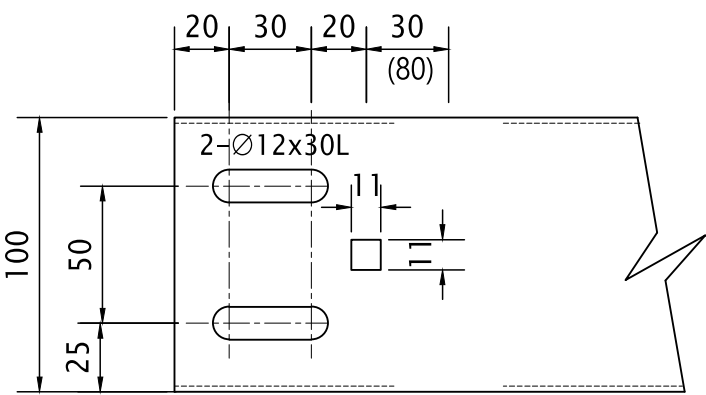
UNIT mm · N.S.

REMARK (KS D 3030)

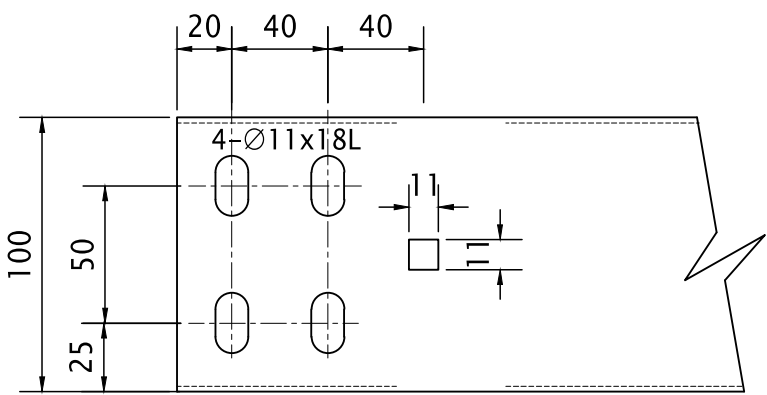
재료 · 판 단위중량
용융도금강판 (KS D 3506, KS D3030) -
CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²
도금 부착량 (양면 합계)
PLATE : 1.2t, 1.4t : 250g/m²
리벳
RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 지지 간격
CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준
제작사양서 참조



DETAIL C



DETAIL "A"



DETAIL "B"

DIMENSION						CR PosMAC(Kg /EA)	
W1(mm)	W2(mm)	N1(EA) (한쪽 HOLE 개수)	W3(mm)	N2(EA) (한쪽 HOLE 개수)	W4(mm)	100H	
						T(mm)	WEIGHT
300	200	2	50			1.2	2.54
400	200	2	100			1.4	2.80
400	300	2	100	2	50	1.4	3.06
500	300	3	50	2	50	1.4	3.32
500	400	3	50	2	100	1.4	3.57
600	400	3	100	2	100	1.4	4.41
600	500	3	100	3	50	1.4	4.69
700	500	4	50	3	50	1.4	4.99
700	600	4	50	3	100	1.4	5.29
800	600	4	100	3	100	1.4	7.74
800	700	4	100	4	50	1.4	8.16
900	700	5	50	4	50	1.4	8.57
900	800	5	50	4	100	1.4	8.98
1000	800	5	100	4	100	1.4	9.39
1000	900	5	100	5	50	1.4	9.82

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

HVT-CR-050

UNIT mm · SCALE N.S.

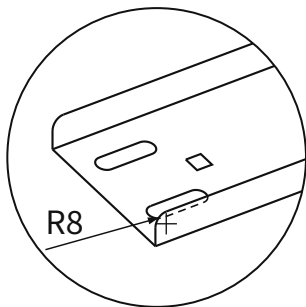
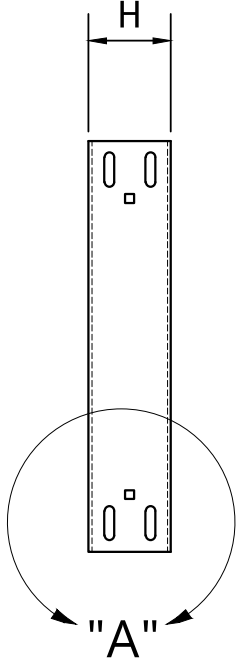
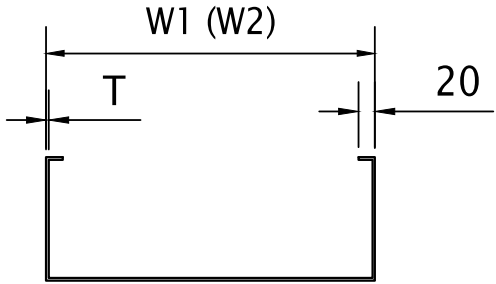
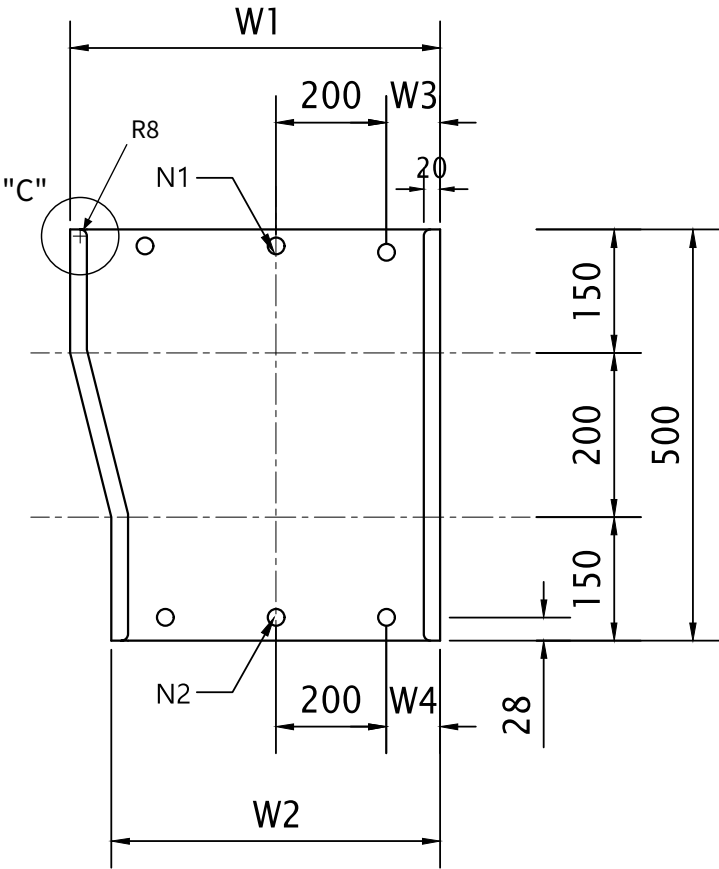
REV. 2026.01 · 2026-09-14

CR LEFT HAND STRAIGHT DUCT REDUCER

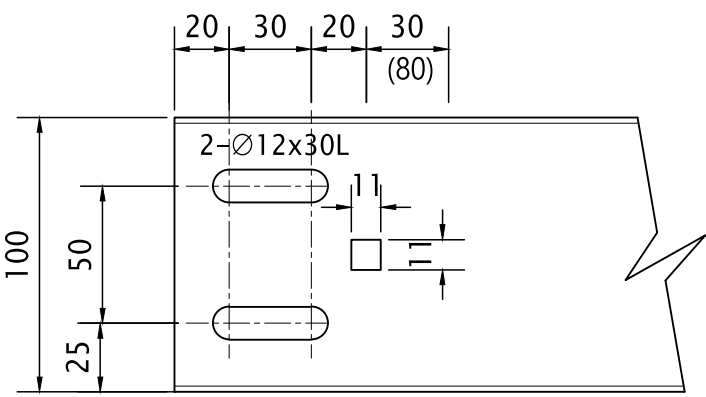
UNIT mm · N.S.

REMARK (KS D 3030)

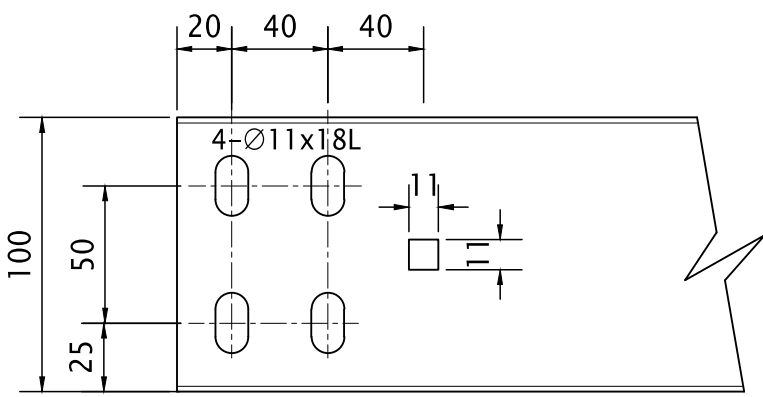
재료 · 판 단위중량
용융도금강판 (KS D 3506, KS D3030) -
CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²
도금 부착량 (양면 합계)
PLATE : 1.2t, 1.4t : 250g/m²
리벳
RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 지지 간격
CABLE DUCT 100H는 SUPPORT 간격 2M 기준임
제작 기준
제작사양서 참조



DETAIL C



DETAIL "A"



DETAIL "B"

DIMENSION						CR PosMAC(Kg /EA)	
W1(mm)	W2(mm)	N1(EA) (한쪽 HOLE 개수)	W3(mm)	N2(EA) (한쪽 HOLE 개수)	W4(mm)	100H	
						T(mm)	WEIGHT
300	200	2	50			1.2	2.54
400	200	2	100			1.4	2.80
400	300	2	100	2	50	1.4	3.06
500	300	3	50	2	50	1.4	3.32
500	400	3	50	2	100	1.4	3.57
600	400	3	100	2	100	1.4	4.41
600	500	3	100	3	50	1.4	4.69
700	500	4	50	3	50	1.4	4.99
700	600	4	50	3	100	1.4	5.29
800	600	4	100	3	100	1.4	7.74
800	700	4	100	4	50	1.4	8.16
900	700	5	50	4	50	1.4	8.57
900	800	5	50	4	100	1.4	8.98
1000	800	5	100	4	100	1.4	9.39
1000	900	5	100	5	50	1.4	9.82

주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-051

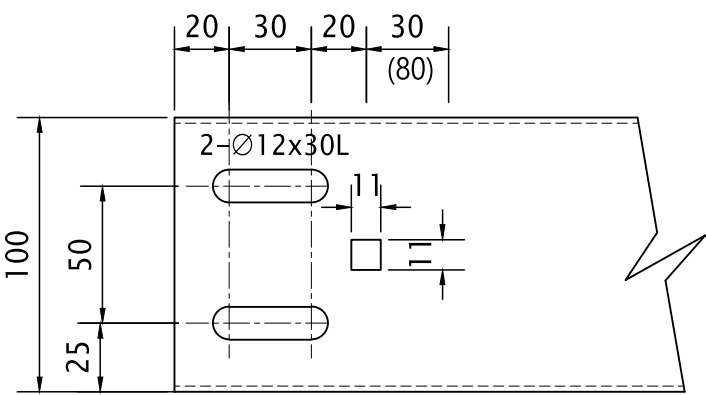
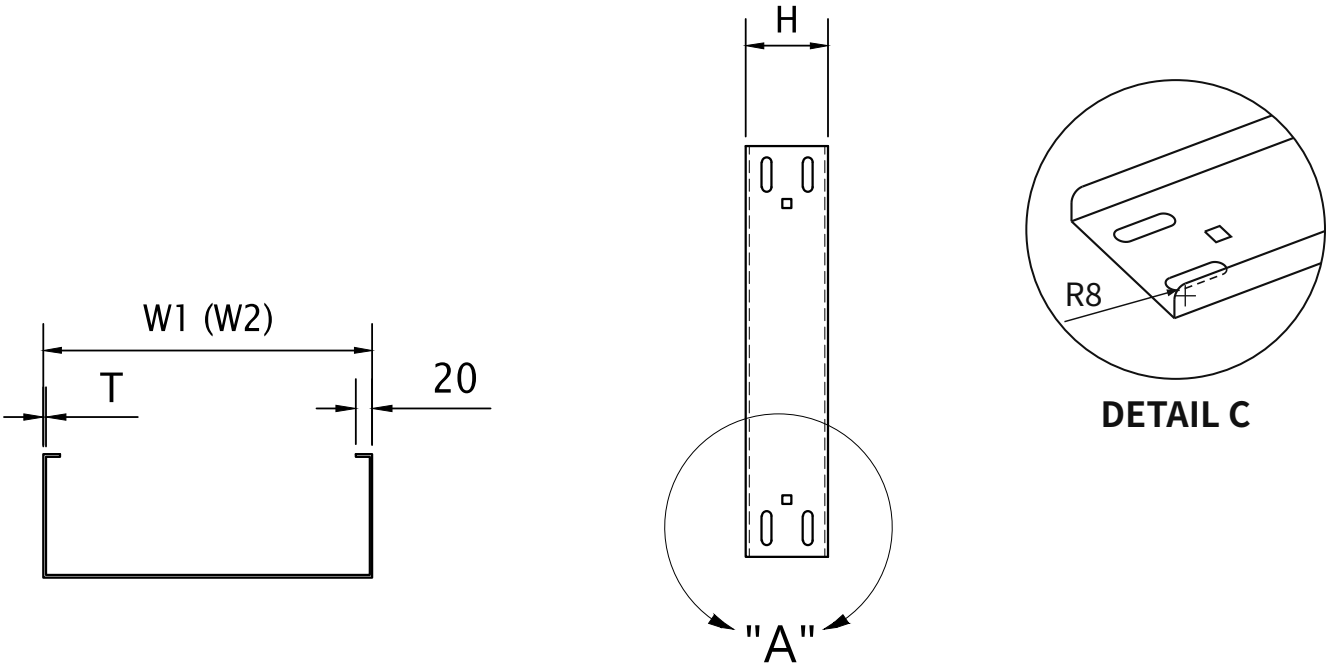
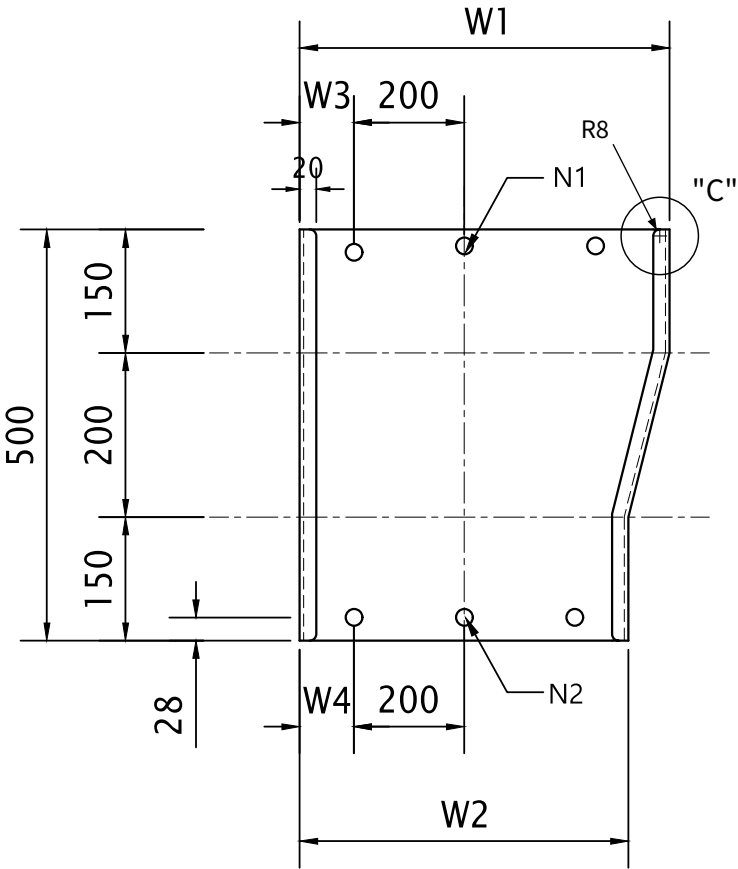
UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR RIGHT HAND STRAIGHT DUCT REDUCER

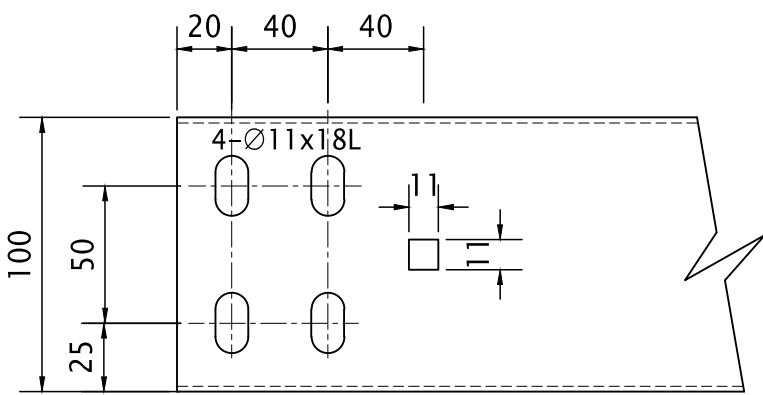
UNIT mm · N.S.

REMARK (KS D 3030)

재료 · 판 단위중량
용융도금강판 (KS D 3506, KS D3030)
- CR PosMAC
PLATE 1.0t : 6.42kg/m²
1.2t : 7.64kg/m²
1.4t : 8.87kg/m²
도금 부착량 (양면 합계)
PLATE : 1.2t, 1.4t : 250g/m²
리벳
RIVET : Ø5×7.0L (황동합금)
CABLE DUCT 서포트 간격
CABLE DUCT 100H는 SUPPORT 간격
2M 기준임
제작 기준
제작사양서 참조



DETAIL "A"



DETAIL "B"

DIMENSION						CR PosMAC(Kg /EA)	
W1(mm)	W2(mm)	N1(EA) (한쪽 HOLE 개수)	W3(mm)	N2(EA) (한쪽 HOLE 개수)	W4(mm)	100H	
						T(mm)	WEIGHT
300	200	2	50			1.2	2.54
400	200	2	100			1.4	2.80
400	300	2	100	2	50	1.4	3.06
500	300	3	50	2	50	1.4	3.32
500	400	3	50	2	100	1.4	3.57
600	400	3	100	2	100	1.4	4.41
600	500	3	100	3	50	1.4	4.69
700	500	4	50	3	50	1.4	4.99
700	600	4	50	3	100	1.4	5.29
800	600	4	100	3	100	1.4	7.74
800	700	4	100	4	50	1.4	8.16
900	700	5	50	4	50	1.4	8.57
900	800	5	50	4	100	1.4	8.98
1000	800	5	100	4	100	1.4	9.39
1000	900	5	100	5	50	1.4	9.82

주식회사 한빛트레이

HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.

HVT-CR-052

UNIT mm · SCALE N.S.

REV. 2026.01 · 2026-09-14

덕트 리듀서 3종 / Straight · Left · Right

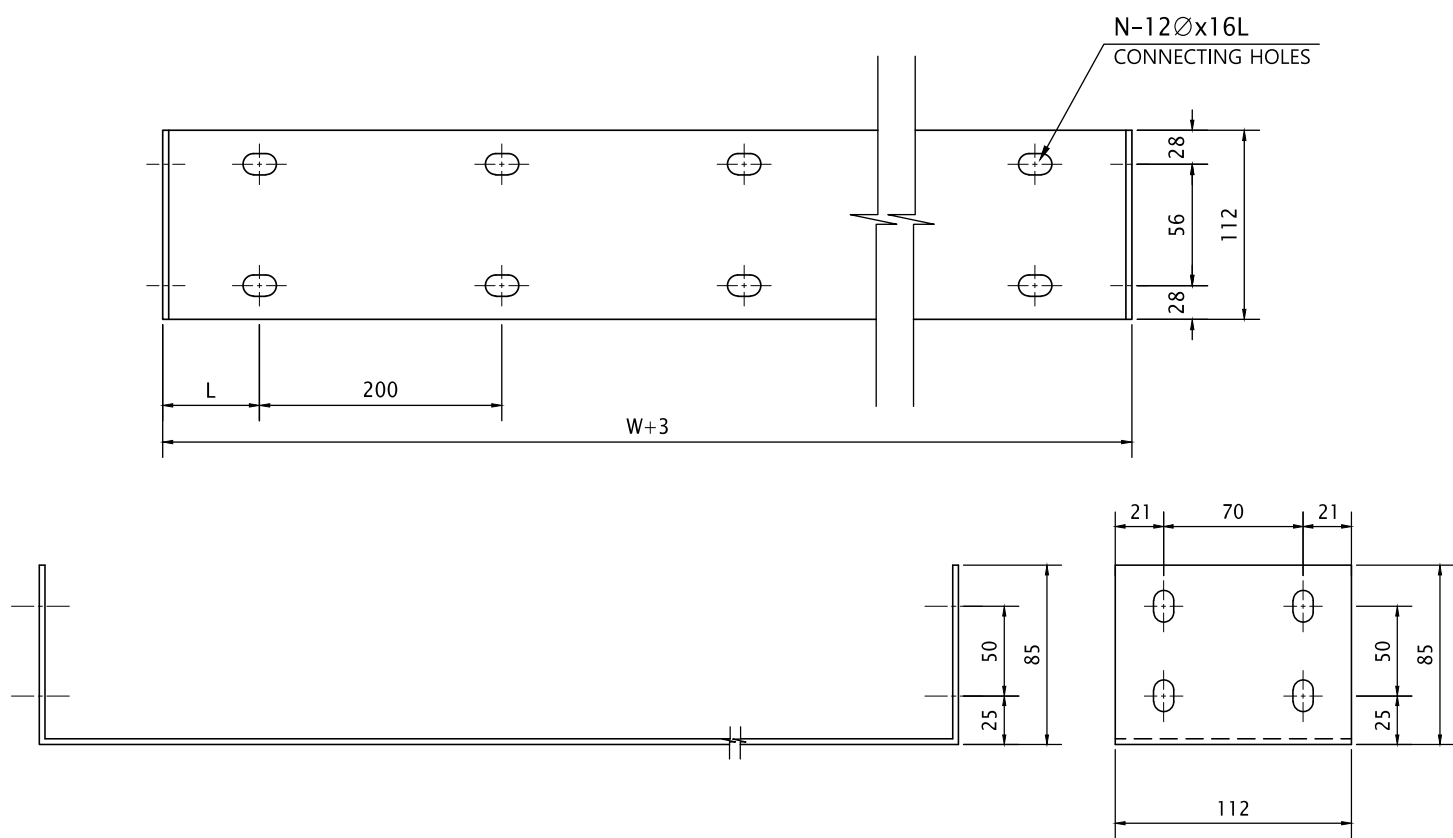
90 품번 / ITEM NUMBERS · UNIT mm

W1	W2	직선 덕트 리듀서 Straight Duct Reducer HVT-CR-050 · p. 60		좌측 직선 덕트 리듀서 Left Hand Straight Duct Reducer HVT-CR-051 · p. 61		우측 직선 덕트 리듀서 Right Hand Straight Duct Reducer HVT-CR-052 · p. 62	
		TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B
300	200	HVT-DRDW3W2A	HVT-DRDW3W2B	HVT-DRDLW3W2A	HVT-DRDLW3W2B	HVT-DRDRW3W2A	HVT-DRDRW3W2B
400	200	HVT-DRDW4W2A	HVT-DRDW4W2B	HVT-DRDLW4W2A	HVT-DRDLW4W2B	HVT-DRDRW4W2A	HVT-DRDRW4W2B
400	300	HVT-DRDW4W3A	HVT-DRDW4W3B	HVT-DRDLW4W3A	HVT-DRDLW4W3B	HVT-DRDRW4W3A	HVT-DRDRW4W3B
500	300	HVT-DRDW5W3A	HVT-DRDW5W3B	HVT-DRDLW5W3A	HVT-DRDLW5W3B	HVT-DRDRW5W3A	HVT-DRDRW5W3B
500	400	HVT-DRDW5W4A	HVT-DRDW5W4B	HVT-DRDLW5W4A	HVT-DRDLW5W4B	HVT-DRDRW5W4A	HVT-DRDRW5W4B
600	400	HVT-DRDW6W4A	HVT-DRDW6W4B	HVT-DRDLW6W4A	HVT-DRDLW6W4B	HVT-DRDRW6W4A	HVT-DRDRW6W4B
600	500	HVT-DRDW6W5A	HVT-DRDW6W5B	HVT-DRDLW6W5A	HVT-DRDLW6W5B	HVT-DRDRW6W5A	HVT-DRDRW6W5B
700	500	HVT-DRDW7W5A	HVT-DRDW7W5B	HVT-DRDLW7W5A	HVT-DRDLW7W5B	HVT-DRDRW7W5A	HVT-DRDRW7W5B
700	600	HVT-DRDW7W6A	HVT-DRDW7W6B	HVT-DRDLW7W6A	HVT-DRDLW7W6B	HVT-DRDRW7W6A	HVT-DRDRW7W6B
800	600	HVT-DRDW8W6A	HVT-DRDW8W6B	HVT-DRDLW8W6A	HVT-DRDLW8W6B	HVT-DRDRW8W6A	HVT-DRDRW8W6B
800	700	HVT-DRDW8W7A	HVT-DRDW8W7B	HVT-DRDLW8W7A	HVT-DRDLW8W7B	HVT-DRDRW8W7A	HVT-DRDRW8W7B
900	700	HVT-DRDW9W7A	HVT-DRDW9W7B	HVT-DRDLW9W7A	HVT-DRDLW9W7B	HVT-DRDRW9W7A	HVT-DRDRW9W7B
900	800	HVT-DRDW9W8A	HVT-DRDW9W8B	HVT-DRDLW9W8A	HVT-DRDLW9W8B	HVT-DRDRW9W8A	HVT-DRDRW9W8B
1000	800	HVT-DRDW10W8A	HVT-DRDW10W8B	HVT-DRDLW10W8A	HVT-DRDLW10W8B	HVT-DRDRW10W8A	HVT-DRDRW10W8B
1000	900	HVT-DRDW10W9A	HVT-DRDW10W9B	HVT-DRDLW10W9A	HVT-DRDLW10W9B	HVT-DRDRW10W9A	HVT-DRDRW10W9B

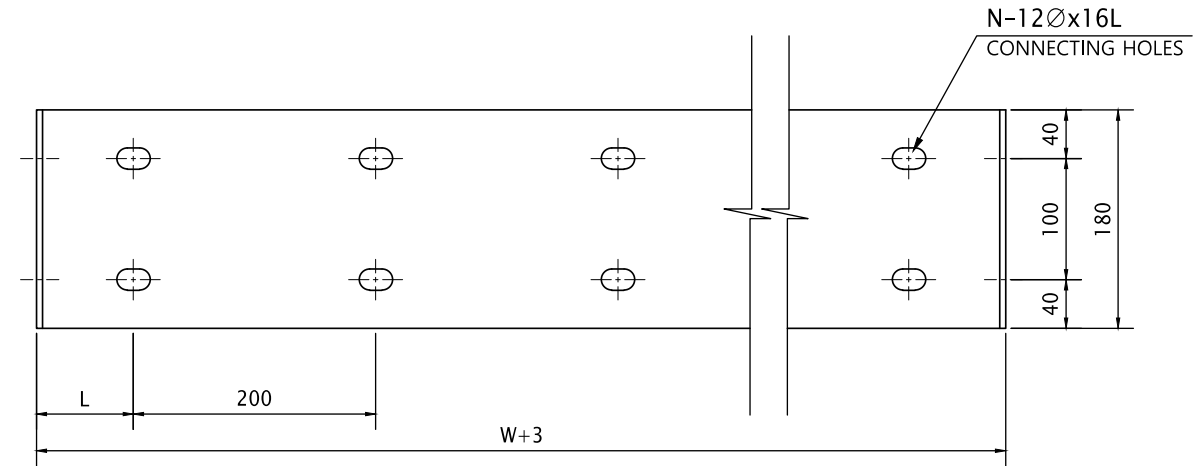
TYPE A: 연결 A형(2장공) / 2-slot connection · TYPE B: 연결 B형(4장공) / 4-slot connection
규격·상세 치수는 해당 도면 참조 / See the corresponding drawings for specifications and details.

CR DUCT CONNECTOR

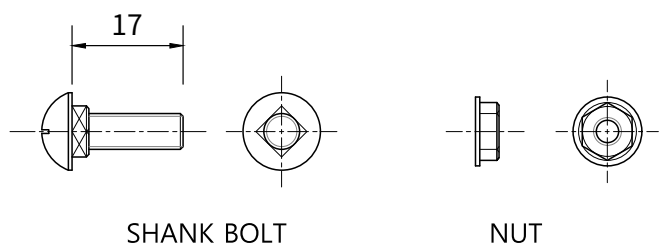
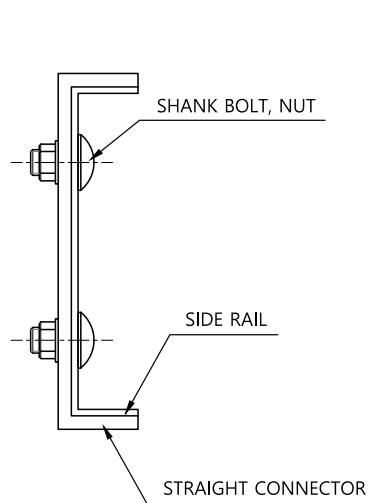
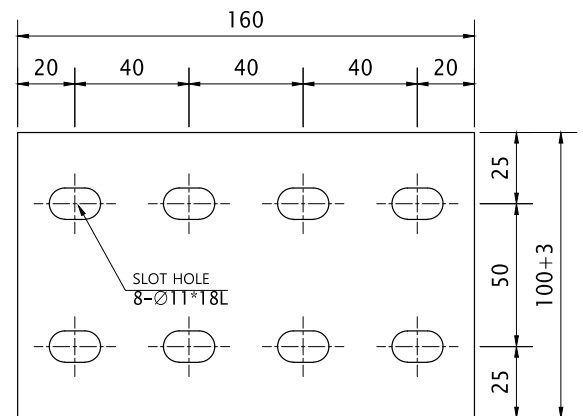
UNIT mm · N.S.



DETAIL "A"



DETAIL "B"



SHANK BOLT NUT	SIZE	REMARK
	M10×17L	-제철소 전 지역: 아연도

DIMENSION		CR PosMAC(Kg /EA)		품번 / Item No.
W(mm)	N(EA)	T(mm)	WEIGHT · 100H	
200	8	1.4	0.47	HVT-DCNW2
300	12	1.4	0.59	HVT-DCNW3
400	12	1.4	0.71	HVT-DCNW4
500	14	1.4	0.84	HVT-DCNW5
600	14	1.4	0.96	HVT-DCNW6
700	16	1.4	1.09	HVT-DCNW7
800	16	1.4	1.21	HVT-DCNW8
900	18	1.4	1.34	HVT-DCNW9
1000	18	1.4	1.47	HVT-DCNW10
DETAIL A 기준				

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC PLATE 1.0t : 6.42kg/m ² 1.2t : 7.64kg/m ² 1.4t : 8.87kg/m ² 도금 부착량 (양면 합계) PLATE : 1.2t, 1.4t : 250g/m ² 리벳 RIVET : Ø5×7.0L (황동합금) L(길이) 치수 조건 L 51.5mm: 300W, 500W, 700W, 900W 101.5mm: 400W, 600W, 800W, 100W 제작 기준 제작사양서 참조

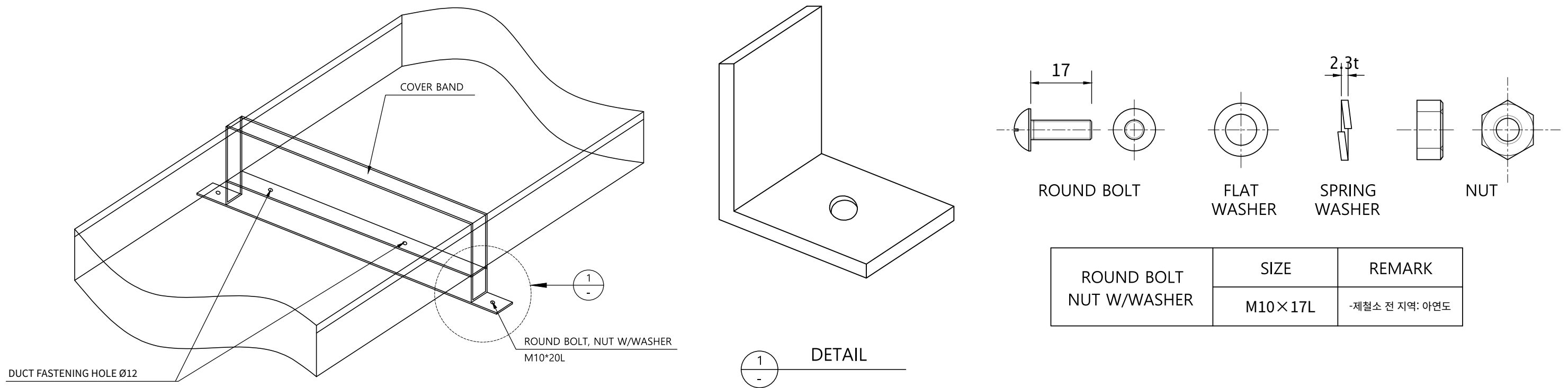
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-053

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR COVER BAND

UNIT mm · N.S.



W(mm)	CR PosMAC(Kg /EA)	품번 / Item No.
200	0.36	HVT-DCBW2
300	0.45	HVT-DCBW3
400	0.54	HVT-DCBW4
500	0.63	HVT-DCBW5
600	0.72	HVT-DCBW6
700	0.81	HVT-DCBW7
800	0.91	HVT-DCBW8
900	0.99	HVT-DCBW9
1000	1.09	HVT-DCBW10

REMARK (KS D 3030)
재료 · 판 단위중량 용융도금강판 (KS D 3506, KS D3030) - CR PosMAC : 1.4t 용융도금강판 (KS D 3506, KS D3030) - HR PosMAC : 2.0t PLATE 1.4t : 8.87kg/m ² 2.0t : 15.95kg/m ² 도금 부착량 (양면 합계) PLATE 1.4t : 250g/m ²

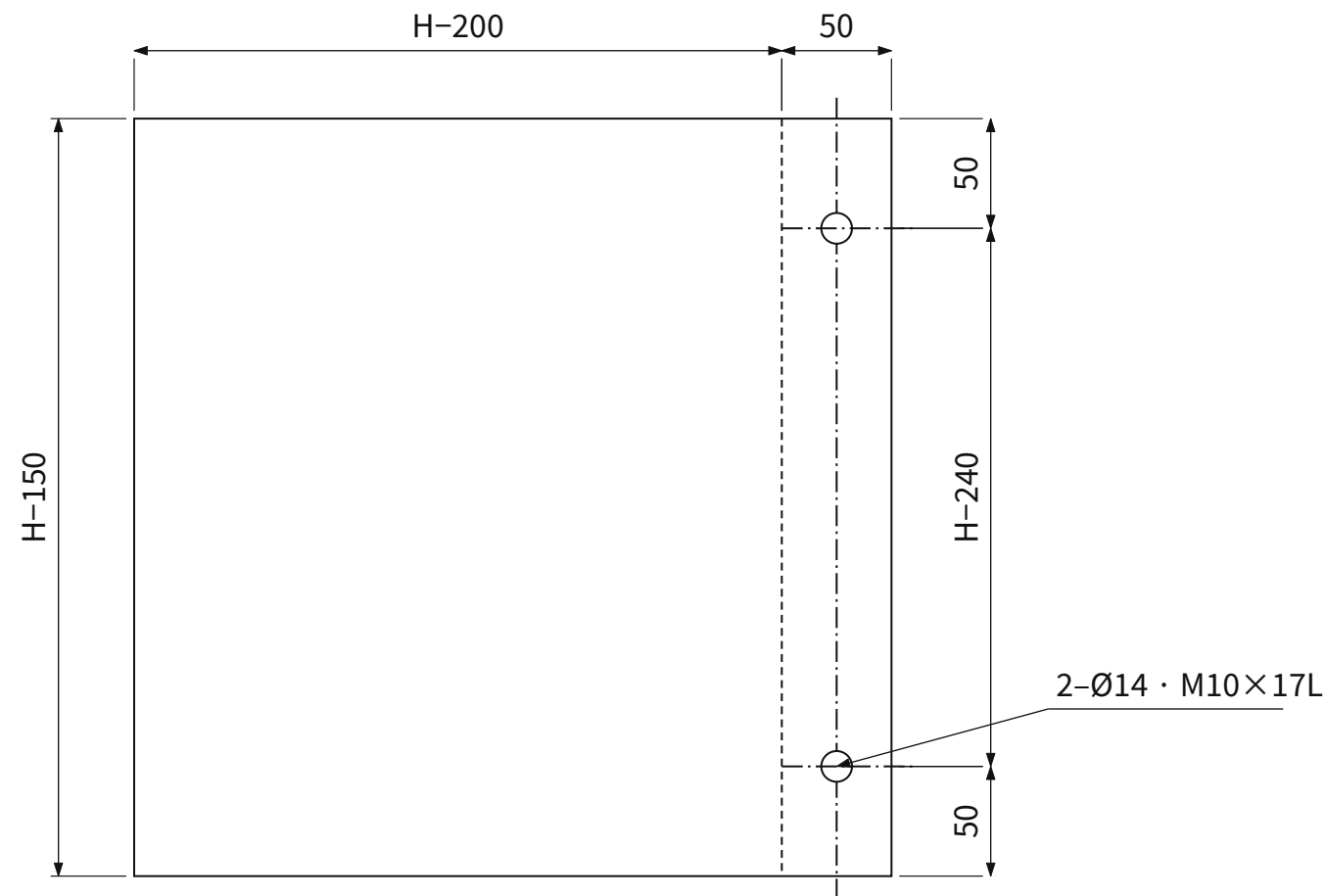
주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-054

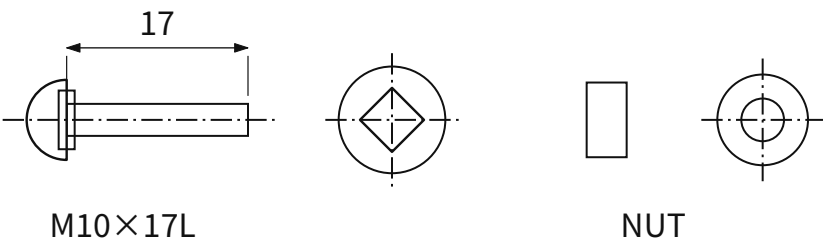
UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

CR VERTICAL DUCT SEPARATOR

UNIT mm · N.S.



SHANK BOLT / NUT



SIZE: M10×17L
REMARK: 제철소 전 지역 · 아연도

규격표 · CR PosMAC

W (mm)	T (mm)	품번 / Item No.
200	1.4	HVT-DSPW2
300	1.4	HVT-DSPW3
400	1.4	HVT-DSPW4
500	1.4	HVT-DSPW5
600	1.4	HVT-DSPW6
700	1.4	HVT-DSPW7
800	1.4	HVT-DSPW8
900	1.4	HVT-DSPW9
1000	1.4	HVT-DSPW10

재료 · 판 단위중량
용융도금강판 CR PosMAC
KS D 3506 / KS D 3030
PLATE 1.0t: 6.42 kg/m²
PLATE 1.2t: 7.64 kg/m²
PLATE 1.4t: 8.87 kg/m²

REMARK (KS D 3030)

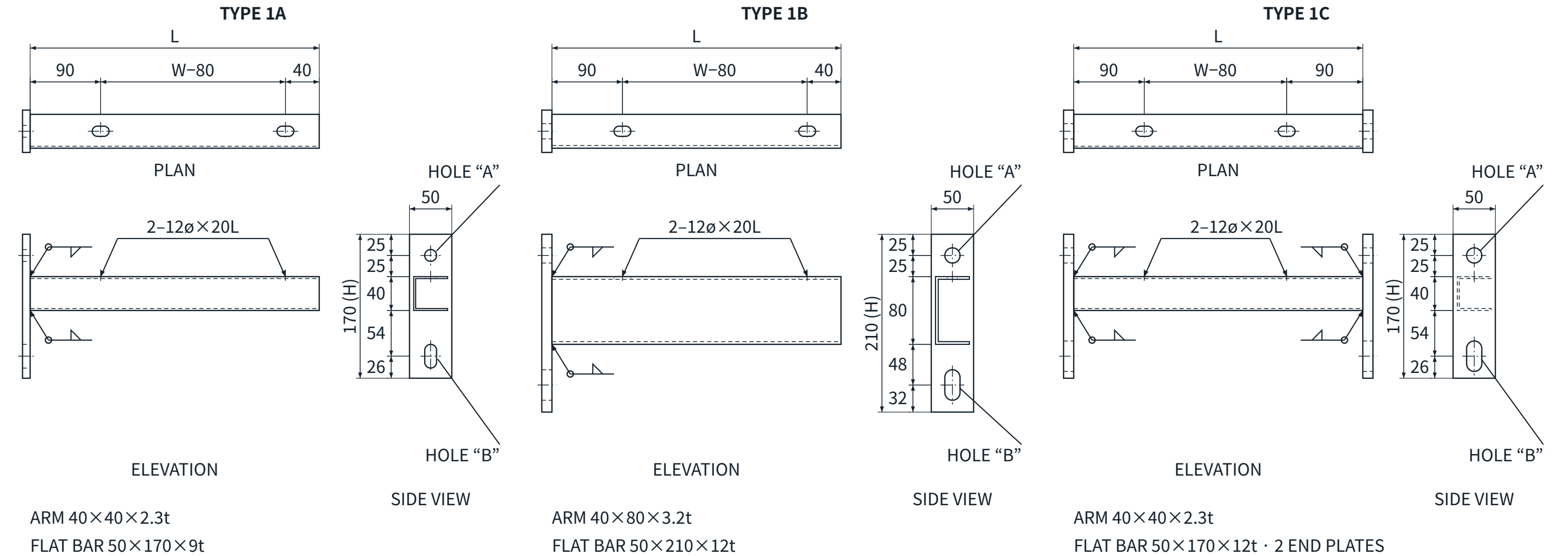
도금 부착량 (양면 합계)
PLATE 1.2t·1.4t: 250 g/m²
리벳
RIVET Ø5×7.0L (황동합금)
길이(L) 적용
L 51.5 mm: 300W·500W·700W·900W
L 101.5 mm: 400W·600W·800W·100W
제작 기준
제작사양서 참조

주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-CR-055

UNIT mm · SCALE N.S.
REV. 2026.01 · 2026-09-14

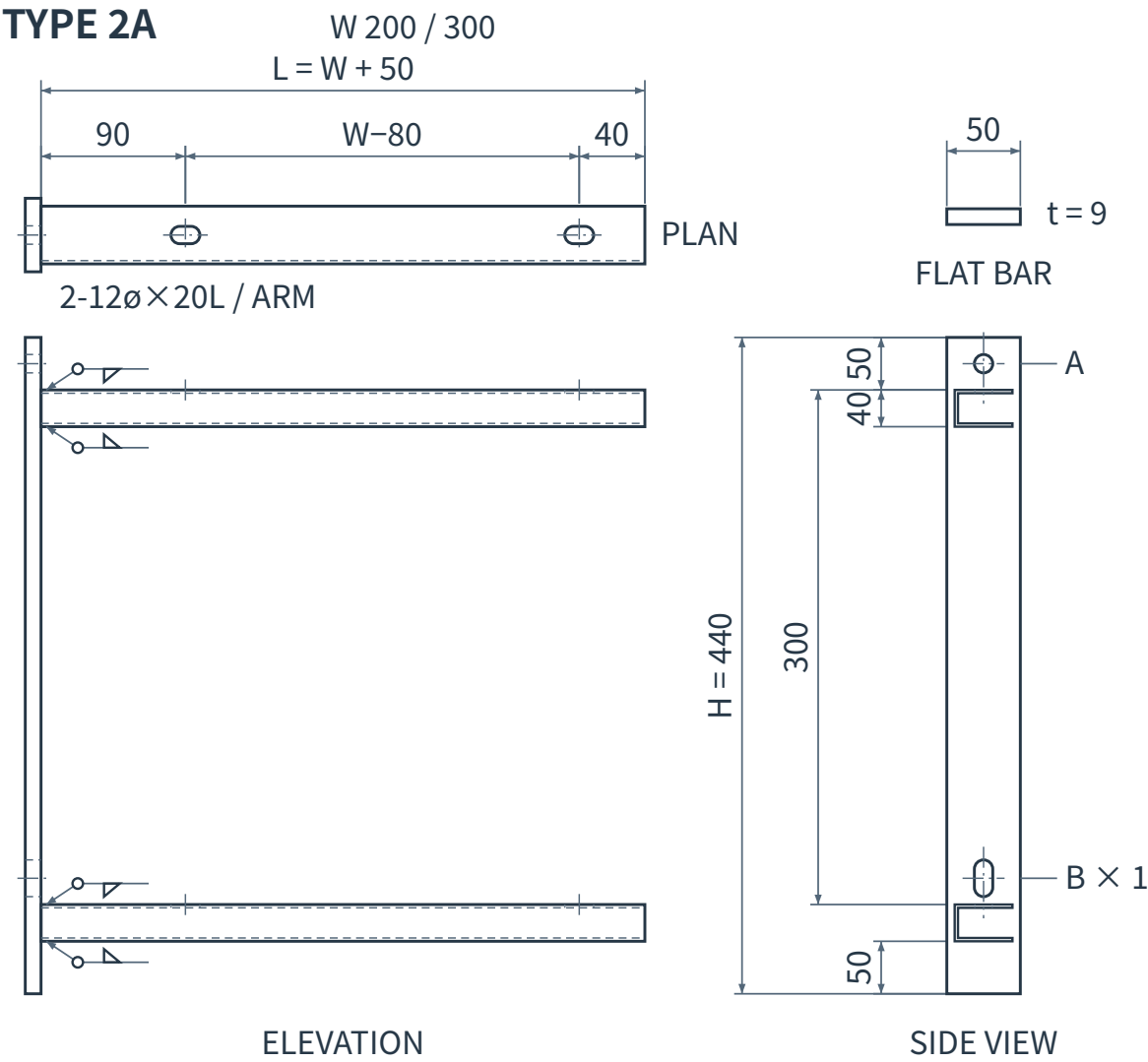
UNIT mm · N.S.



용융아연도금: KS D 8308 · 재료: 제작사양서 참조.

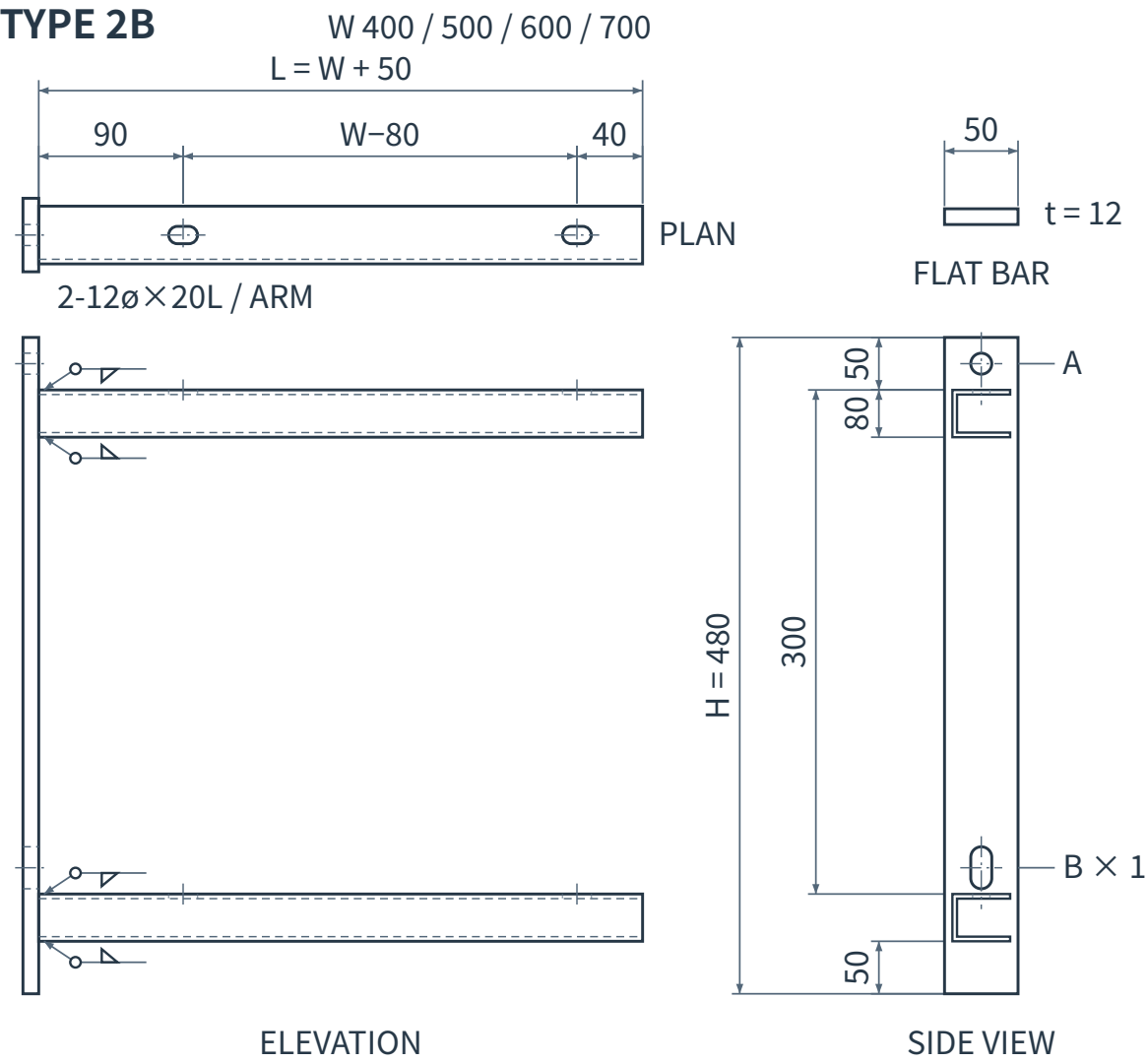
폭 W	BRACKET	FB 폭	FB 높이	FB t	A (ø)	B (ø×L)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	170	9	14	14×28L	M12	M10	1A	HVT-BR1AW2
300	40×40×2.3t-350L	50	170	9	14	14×28L	M12	M10	1A	HVT-BR1AW3
400	40×80×3.2t-450L	50	210	12	18	18×36L	M16	M16	1B	HVT-BR1BW4
500	40×80×3.2t-550L	50	210	12	18	18×36L	M16	M16	1B	HVT-BR1BW5
600	40×80×3.2t-650L	50	210	12	18	18×36L	M16	M16	1B	HVT-BR1BW6
700	40×80×3.2t-750L	50	210	12	18	18×36L	M16	M16	1B	HVT-BR1BW7
800	40×40×2.3t-900L	50	170	12	18	18×36L	M16	M16	1C	HVT-BR1CW8
900	40×40×2.3t-1000L	50	170	12	18	18×36L	M16	M16	1C	HVT-BR1CW9
1000	40×40×2.3t-1100L	50	170	12	18	18×36L	M16	M16	1C	HVT-BR1CW10

UNIT mm · N.S.



A: ø14 × 1 · B: 14ø×28L × 1 · Hole center: 25 above arm

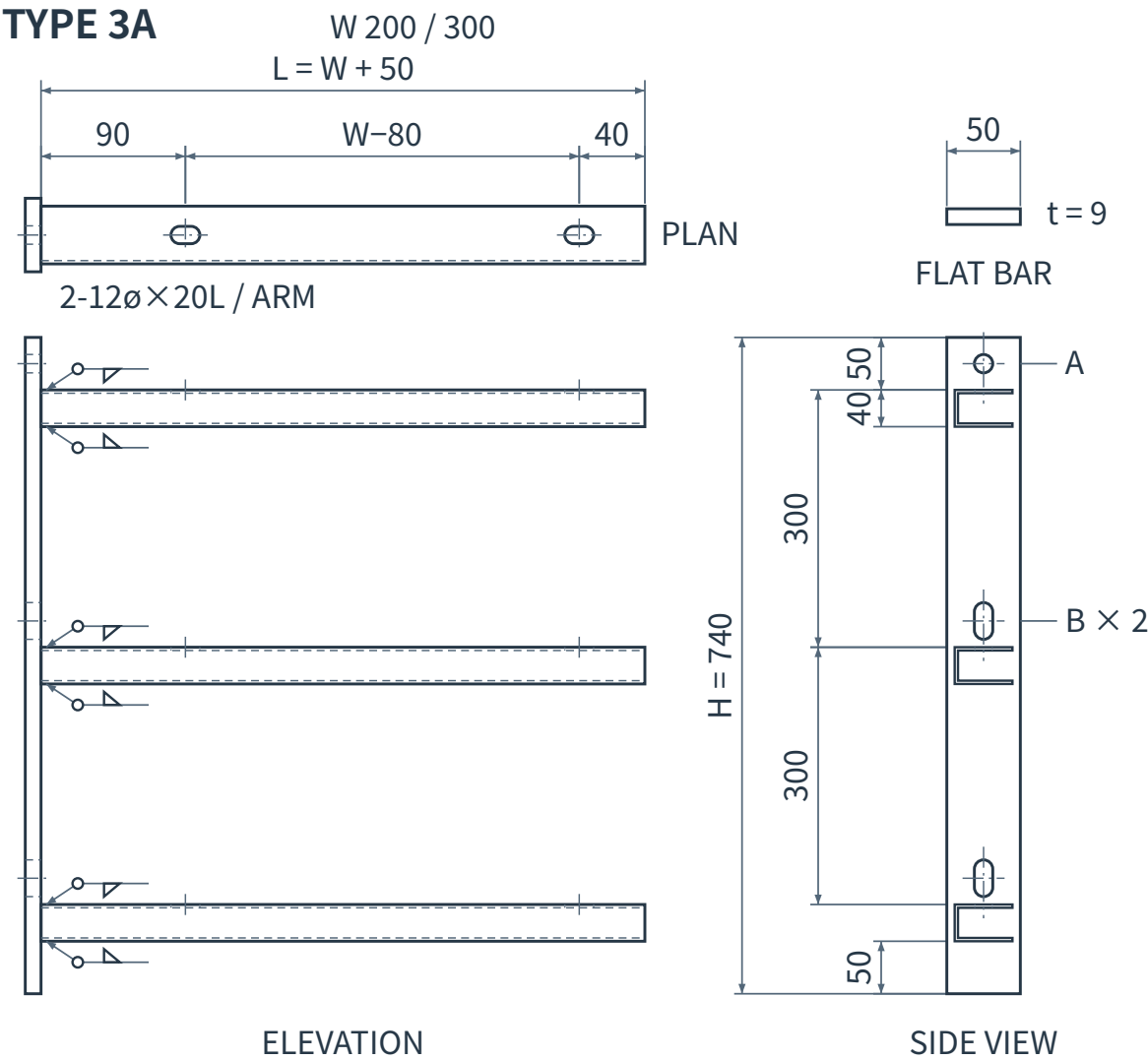
용융아연도금 (KS D 8308) · 재료: 제작사양서 참조



A: ø18 × 1 · B: 18ø×36L × 1 · Hole center: 25 above arm

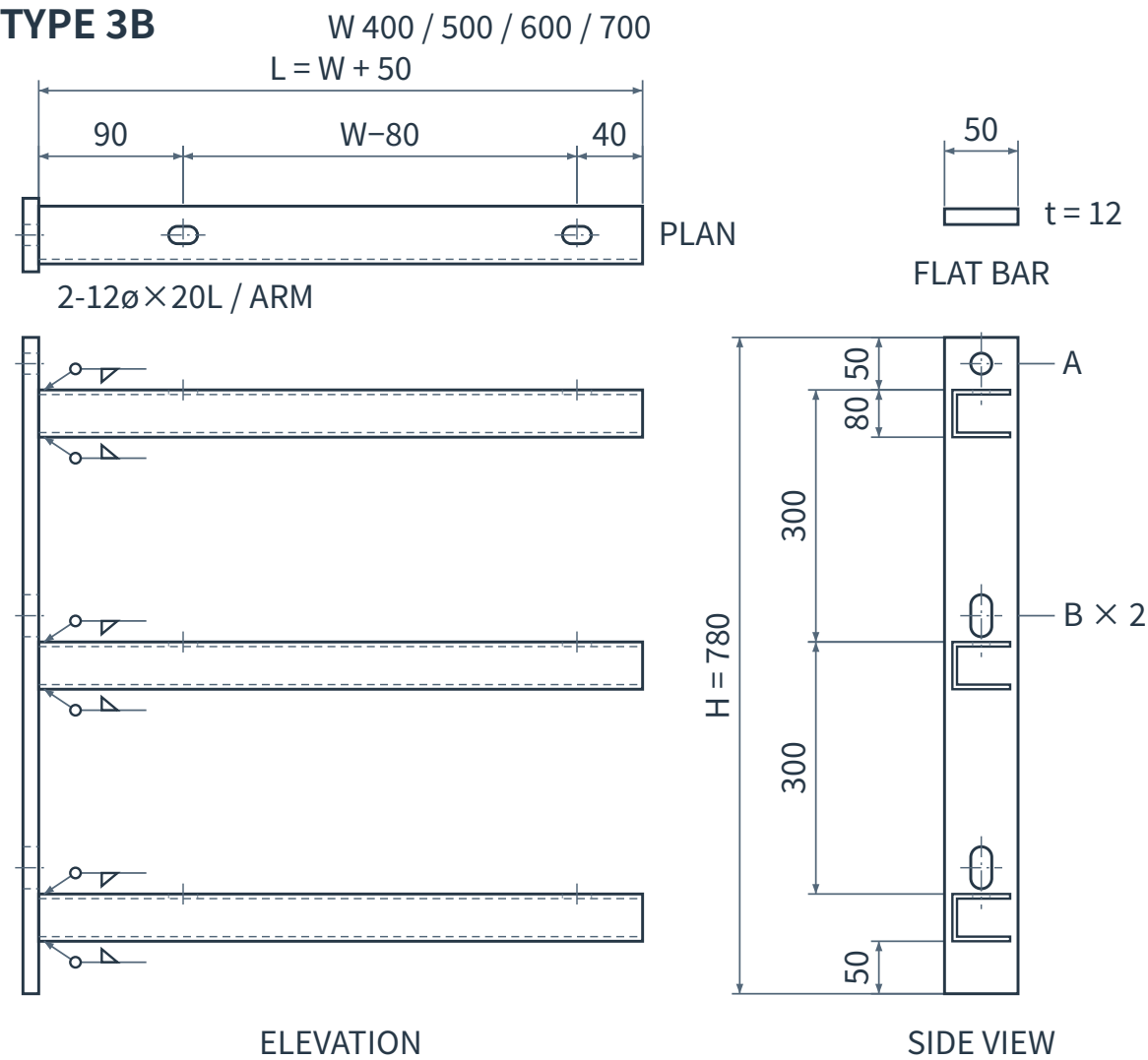
W	브라켓 (mm)	FB 폭	H	FB t	A (ø)	B (장공)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	440	9	14	14ø×28L	M12	M10	2A	HVT-BR2AW2
300	40×40×2.3t-350L	50	440	9	14	14ø×28L	M12	M10	2A	HVT-BR2AW3
400	40×80×3.2t-450L	50	480	12	18	18ø×36L	M16	M16	2B	HVT-BR2BW4
500	40×80×3.2t-550L	50	480	12	18	18ø×36L	M16	M16	2B	HVT-BR2BW5
600	40×80×3.2t-650L	50	480	12	18	18ø×36L	M16	M16	2B	HVT-BR2BW6
700	40×80×3.2t-750L	50	480	12	18	18ø×36L	M16	M16	2B	HVT-BR2BW7

UNIT mm · N.S.



A: ø14 × 1 · B: 14ø×28L × 2 · Hole center: 25 above arm

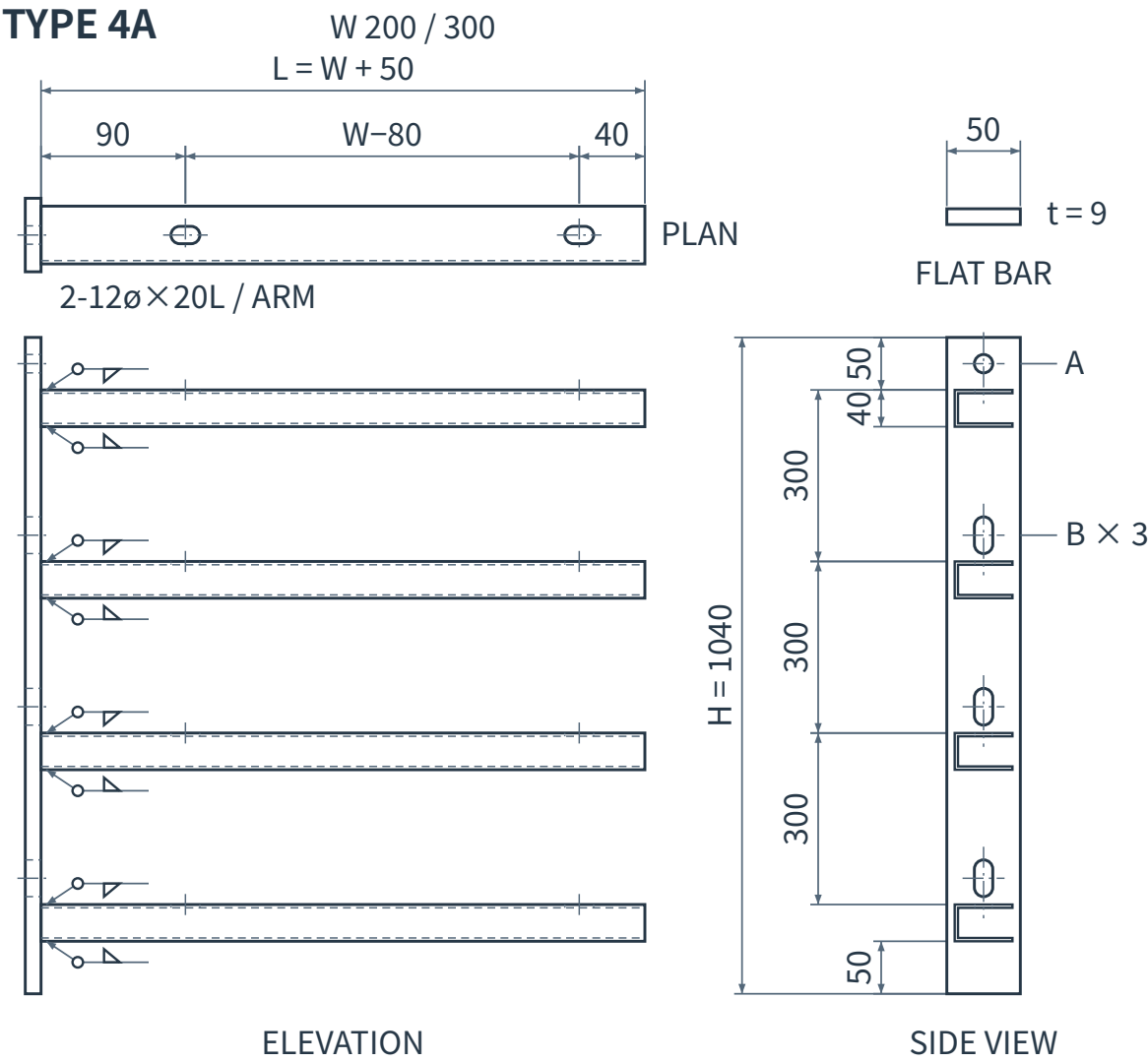
용융아연도금 (KS D 8308) · 재료: 제작사양서 참조



A: ø18 × 1 · B: 18ø×36L × 2 · Hole center: 25 above arm

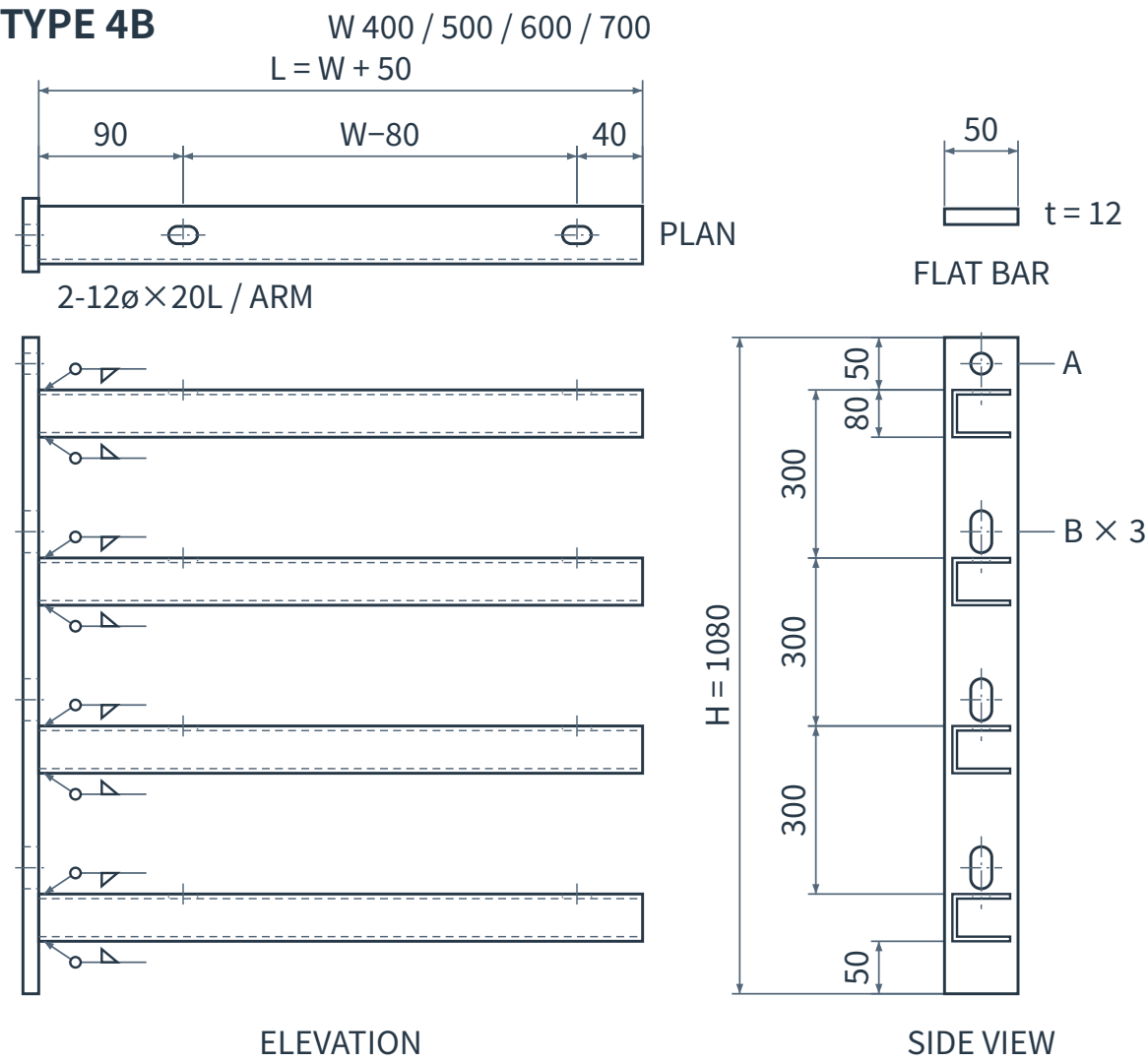
W	브라켓 (mm)	FB 폭	H	FB t	A (ø)	B (장공)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	740	9	14	14ø×28L	M12	M10	3A	HVT-BR3AW2
300	40×40×2.3t-350L	50	740	9	14	14ø×28L	M12	M10	3A	HVT-BR3AW3
400	40×80×3.2t-450L	50	780	12	18	18ø×36L	M16	M16	3B	HVT-BR3BW4
500	40×80×3.2t-550L	50	780	12	18	18ø×36L	M16	M16	3B	HVT-BR3BW5
600	40×80×3.2t-650L	50	780	12	18	18ø×36L	M16	M16	3B	HVT-BR3BW6
700	40×80×3.2t-750L	50	780	12	18	18ø×36L	M16	M16	3B	HVT-BR3BW7

UNIT mm · N.S.



A: ø14 × 1 · B: 14ø×28L × 3 · Hole center: 25 above arm

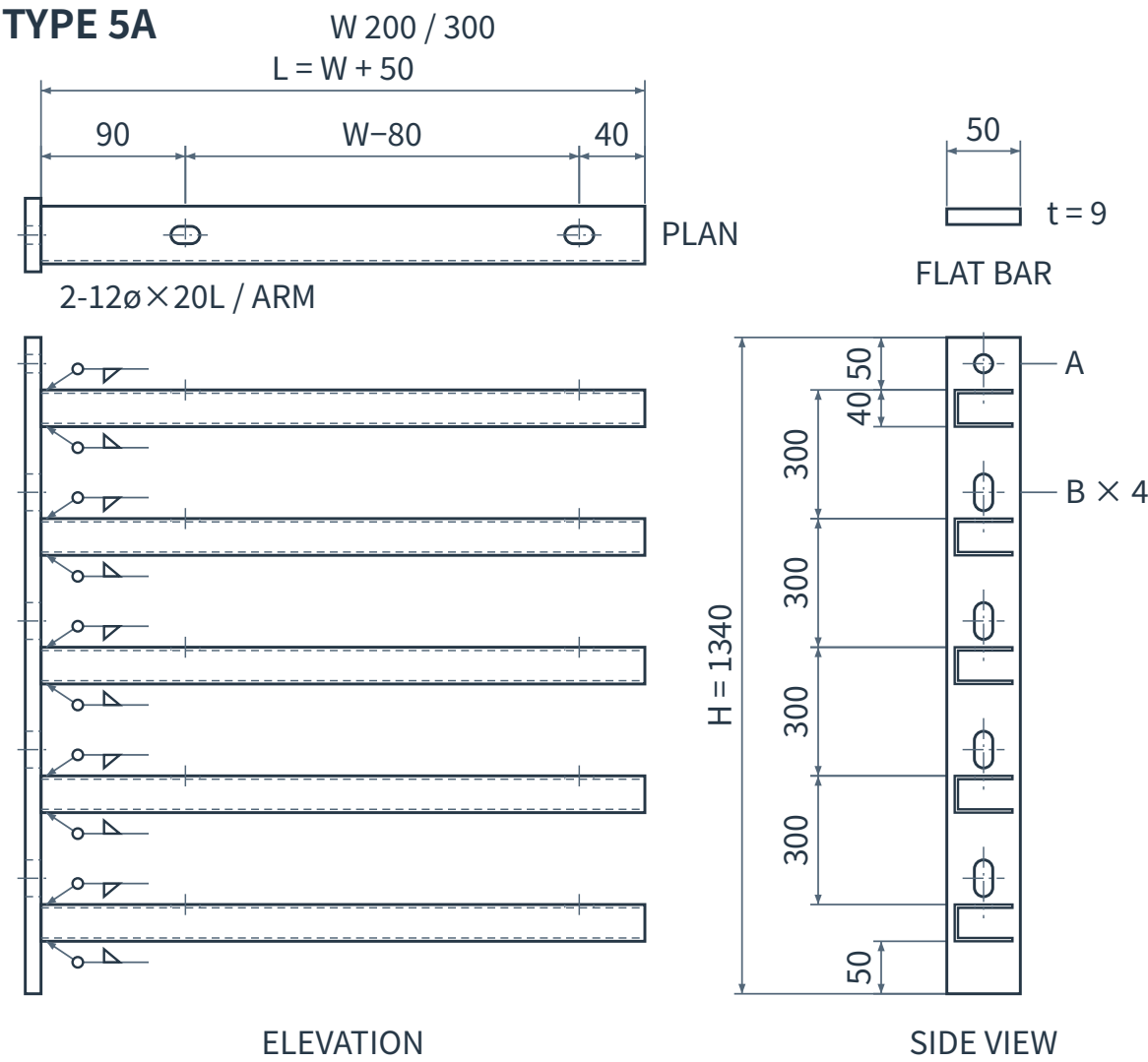
용융아연도금 (KS D 8308) · 재료: 제작사양서 참조



A: ø18 × 1 · B: 18ø×36L × 3 · Hole center: 25 above arm

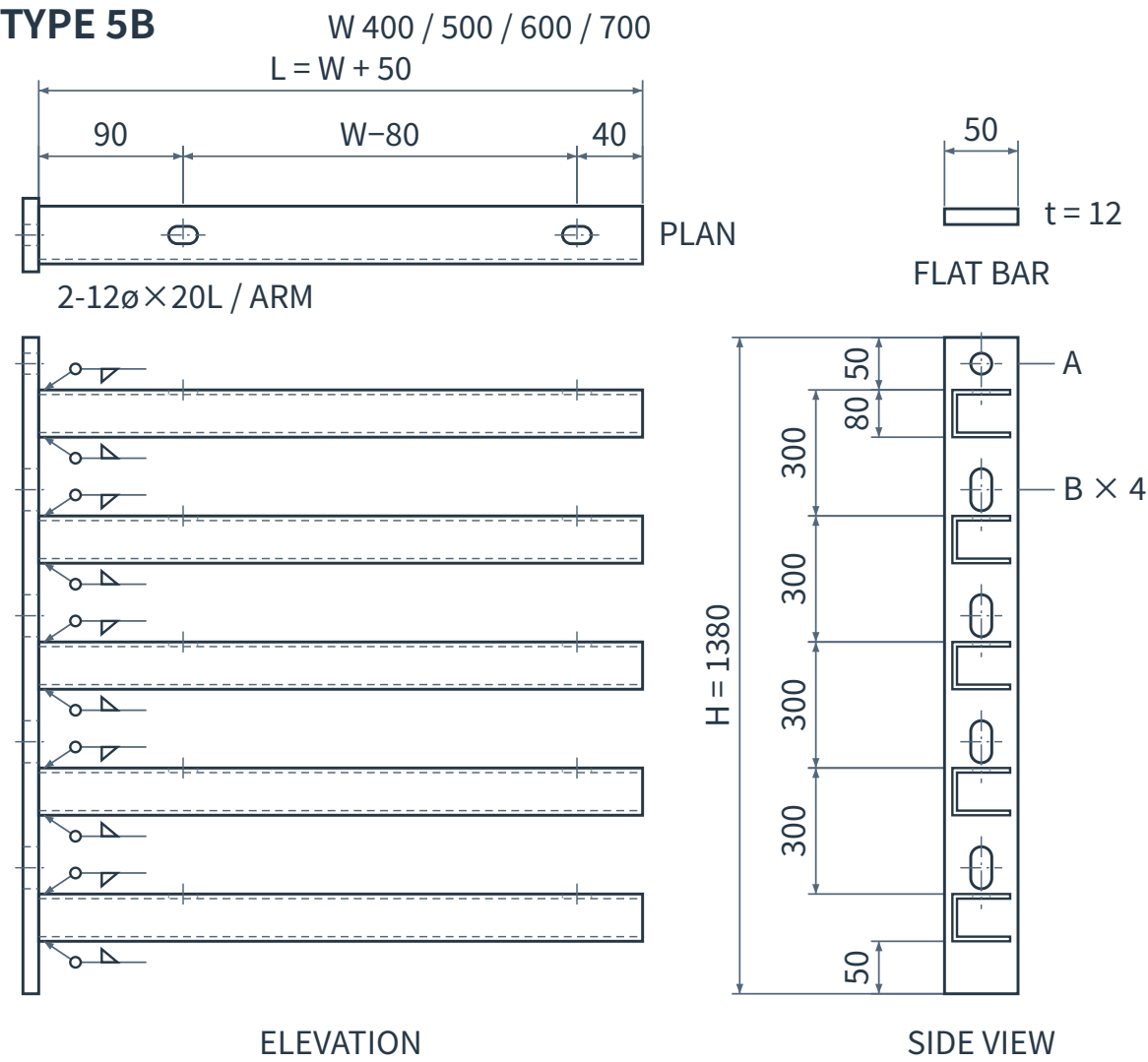
W	브라켓 (mm)	FB 폭	H	FB t	A (ø)	B (장공)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	1040	9	14	14ø×28L	M12	M10	4A	HVT-BR4AW2
300	40×40×2.3t-350L	50	1040	9	14	14ø×28L	M12	M10	4A	HVT-BR4AW3
400	40×80×3.2t-450L	50	1080	12	18	18ø×36L	M16	M16	4B	HVT-BR4BW4
500	40×80×3.2t-550L	50	1080	12	18	18ø×36L	M16	M16	4B	HVT-BR4BW5
600	40×80×3.2t-650L	50	1080	12	18	18ø×36L	M16	M16	4B	HVT-BR4BW6
700	40×80×3.2t-750L	50	1080	12	18	18ø×36L	M16	M16	4B	HVT-BR4BW7

UNIT mm · N.S.



A: ø14 × 1 · B: 14ø×28L × 4 · Hole center: 25 above arm

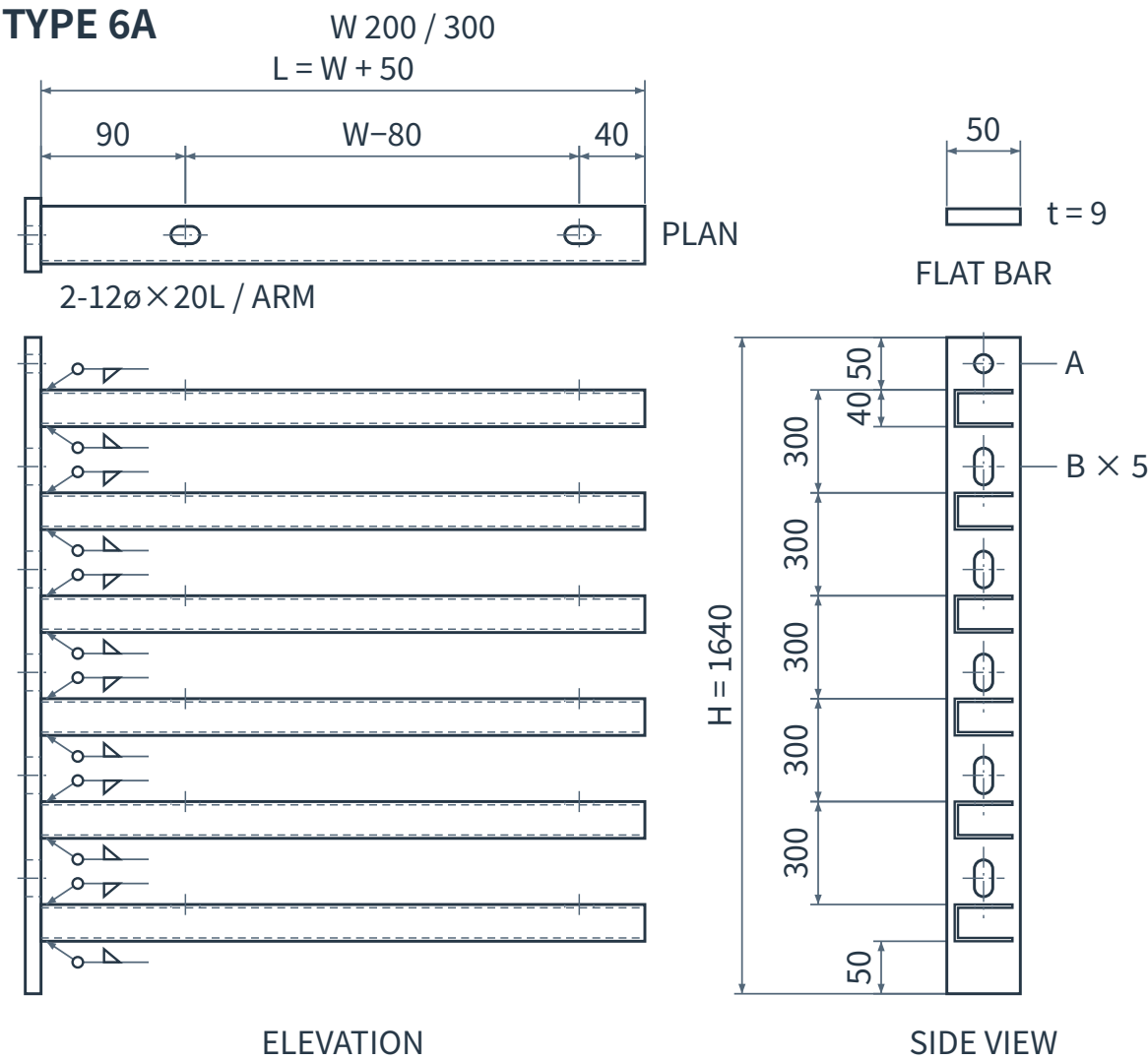
용융아연도금 (KS D 8308) · 재료: 제작사양서 참조



A: ø18 × 1 · B: 18ø×36L × 4 · Hole center: 25 above arm

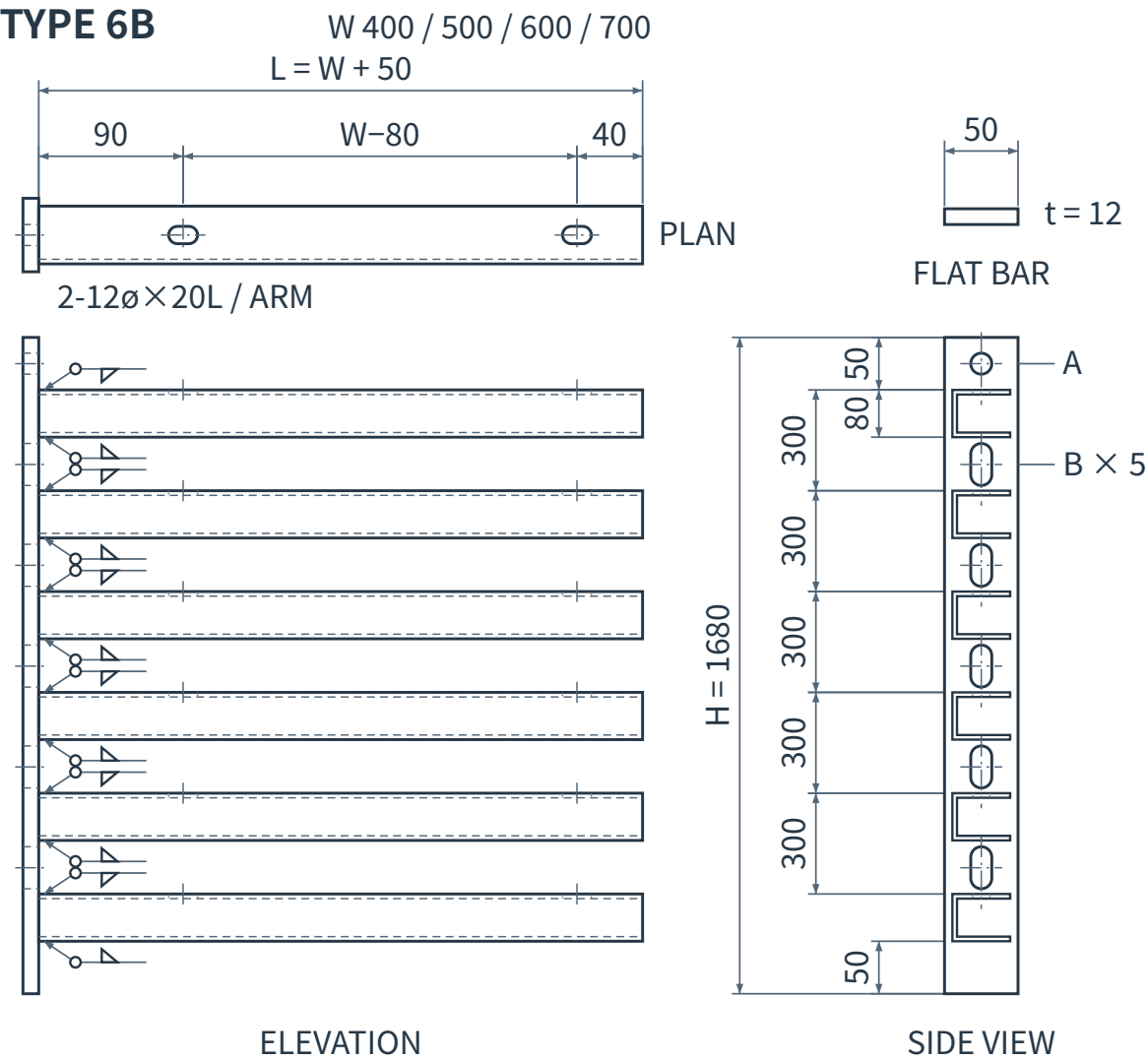
W	브라켓 (mm)	FB 폭	H	FB t	A (ø)	B (장공)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	1340	9	14	14ø×28L	M12	M10	5A	HVT-BR5AW2
300	40×40×2.3t-350L	50	1340	9	14	14ø×28L	M12	M10	5A	HVT-BR5AW3
400	40×80×3.2t-450L	50	1380	12	18	18ø×36L	M16	M16	5B	HVT-BR5BW4
500	40×80×3.2t-550L	50	1380	12	18	18ø×36L	M16	M16	5B	HVT-BR5BW5
600	40×80×3.2t-650L	50	1380	12	18	18ø×36L	M16	M16	5B	HVT-BR5BW6
700	40×80×3.2t-750L	50	1380	12	18	18ø×36L	M16	M16	5B	HVT-BR5BW7

UNIT mm · N.S.



A: ø14 × 1 · B: 14ø×28L × 5 · Hole center: 25 above arm

용융아연도금 (KS D 8308) · 재료: 제작사양서 참조

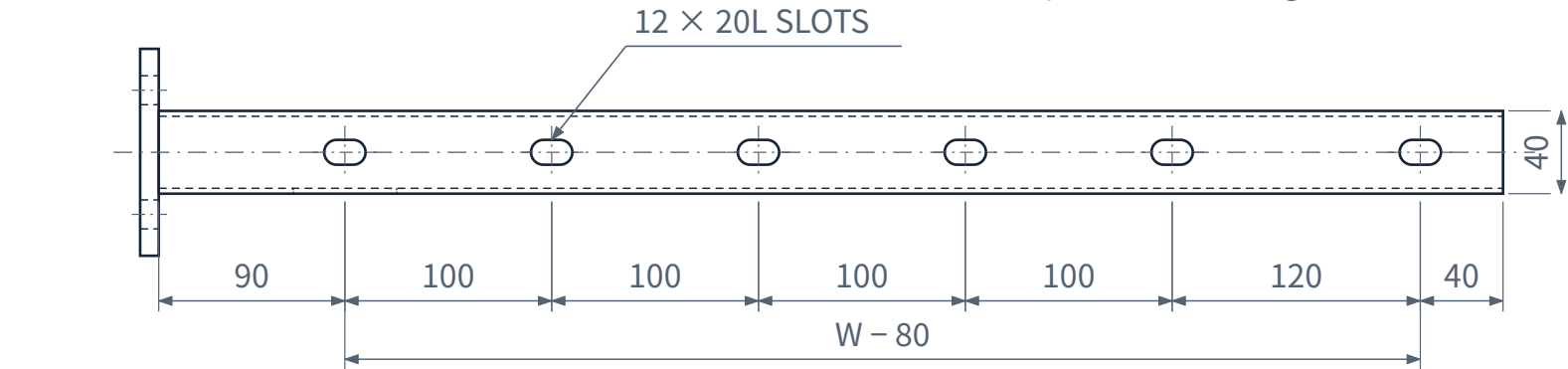


A: ø18 × 1 · B: 18ø×36L × 5 · Hole center: 25 above arm

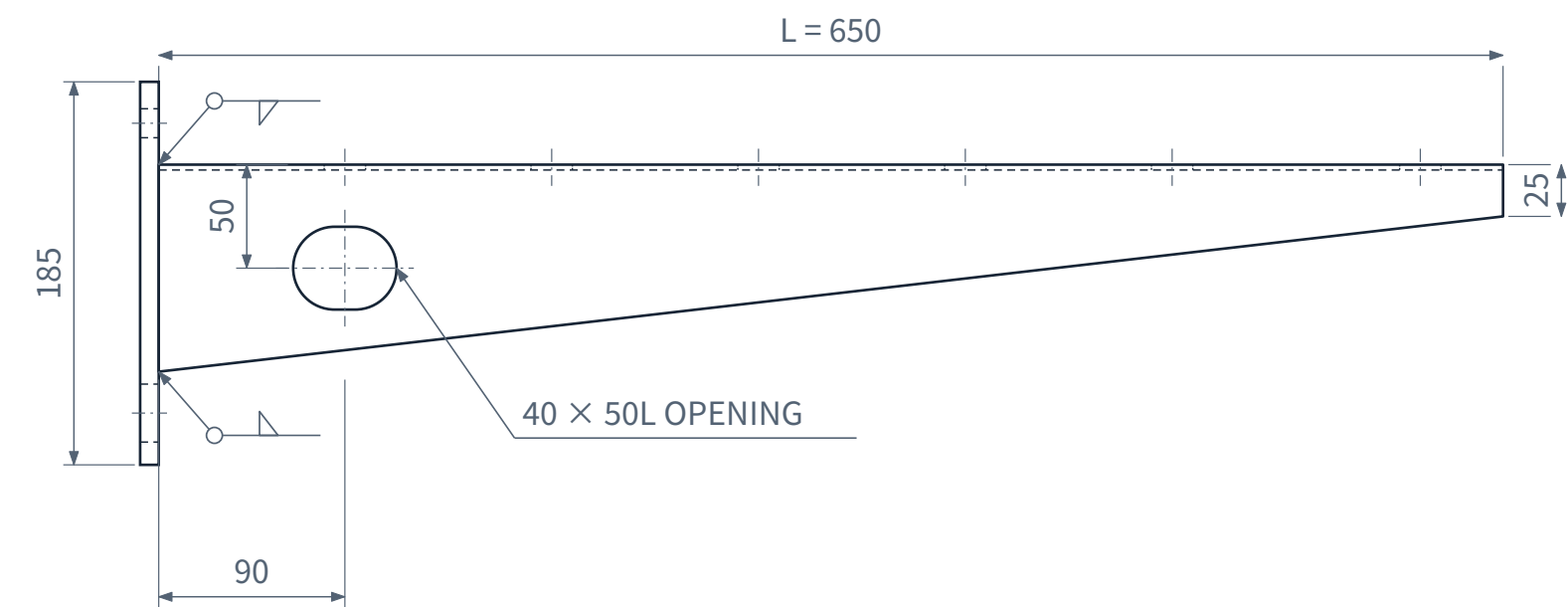
W	브라켓 (mm)	FB 폭	H	FB t	A (ø)	B (장공)	일반 볼트	케미컬 앵커	TYPE	품번 / Item No.
200	40×40×2.3t-250L	50	1640	9	14	14ø×28L	M12	M10	6A	HVT-BR6AW2
300	40×40×2.3t-350L	50	1640	9	14	14ø×28L	M12	M10	6A	HVT-BR6AW3
400	40×80×3.2t-450L	50	1680	12	18	18ø×36L	M16	M16	6B	HVT-BR6BW4
500	40×80×3.2t-550L	50	1680	12	18	18ø×36L	M16	M16	6B	HVT-BR6BW5
600	40×80×3.2t-650L	50	1680	12	18	18ø×36L	M16	M16	6B	HVT-BR6BW6
700	40×80×3.2t-750L	50	1680	12	18	18ø×36L	M16	M16	6B	HVT-BR6BW7

PLAN · TYPE D1

Representative length L = 650; N.S.

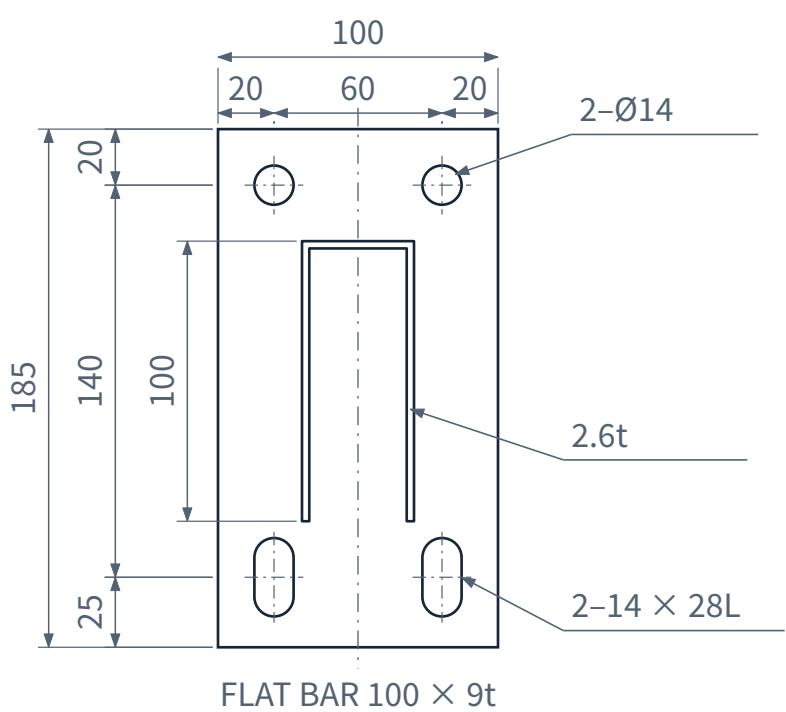


SIDE



대표도 W600 / L650 mm(해당 길이 슬롯 배열)
용융아연도금: KS D 8308 기준 · 재료: 제작사양서 참조 · 볼트 L: 지지 SUPPORT에 따름.

MOUNTING END



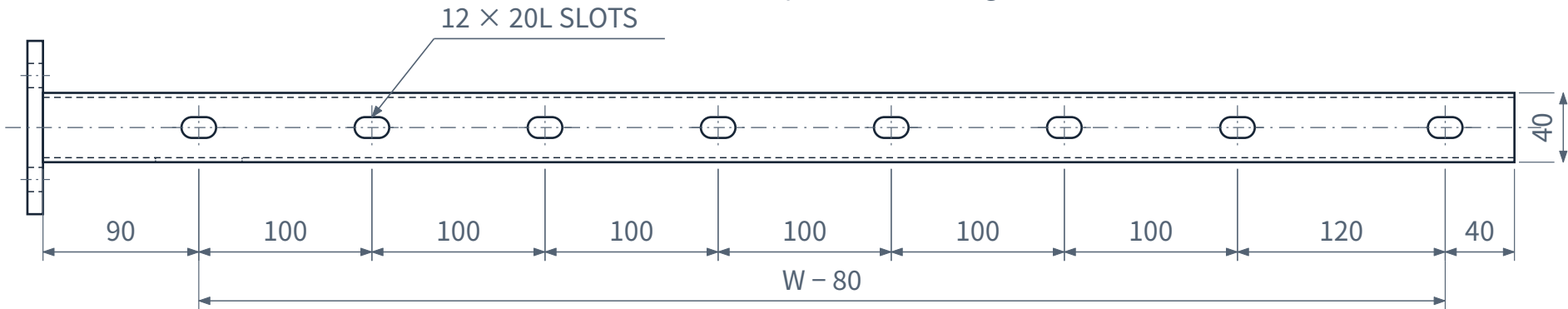
TOP OFFSET 40 · U SECTION 40 × 100
M12×?L · NUT · FLAT / SPRING WASHER 2.3t
BOLT LENGTH L DEPENDS ON SUPPORT

TYPE	W (mm)	L (mm)	강판 t (mm)	부착판 (mm)	볼트 규격	품번 / Item No.
D1	400	450	2.6	100×9t	M12×?L	HVT-BRD1W4
D1	500	550	2.6	100×9t	M12×?L	HVT-BRD1W5
D1	600	650	2.6	100×9t	M12×?L	HVT-BRD1W6

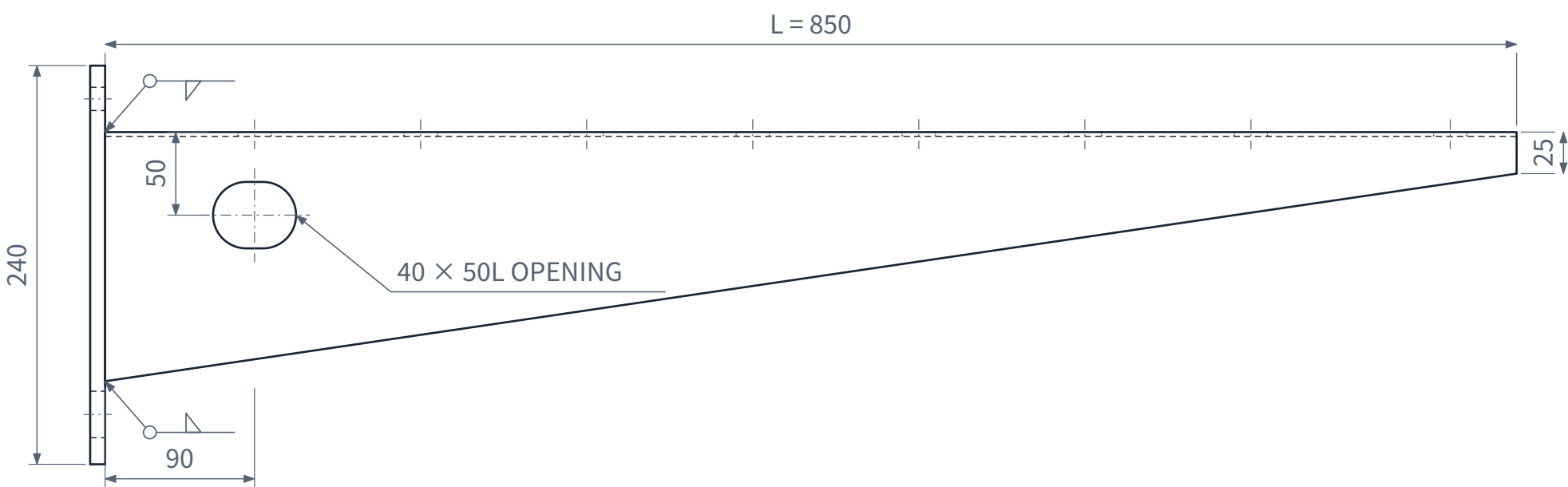
UNIT mm · N.S.

PLAN · TYPE D2

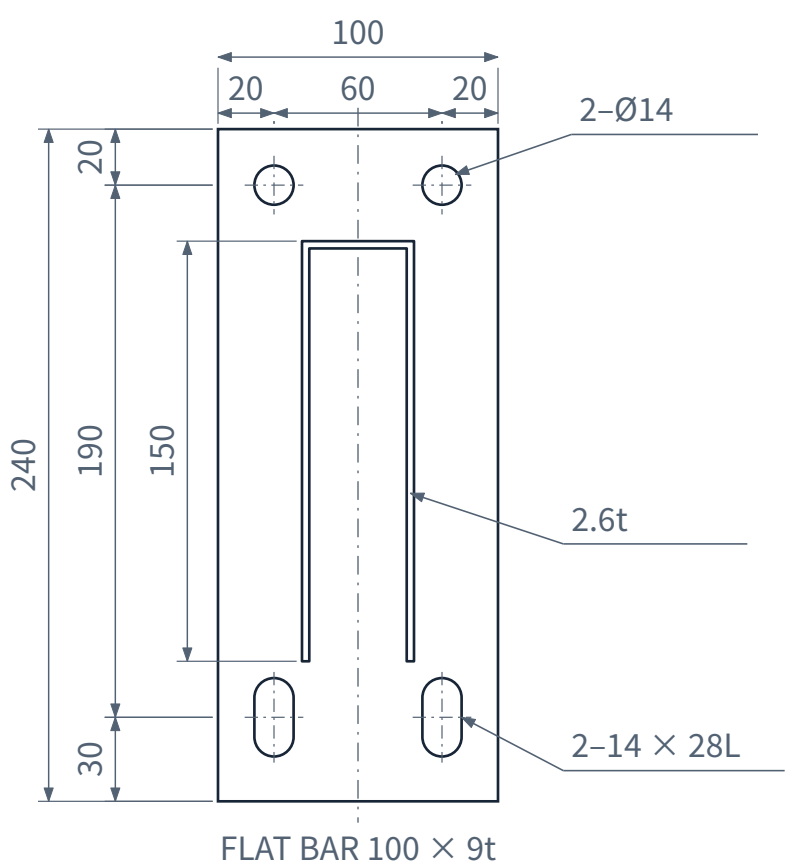
Representative length L = 850; N.S.



SIDE



MOUNTING END



TOP OFFSET 40 · U SECTION 40 × 150
M12×?L · NUT · FLAT / SPRING WASHER 2.3t
BOLT LENGTH L DEPENDS ON SUPPORT

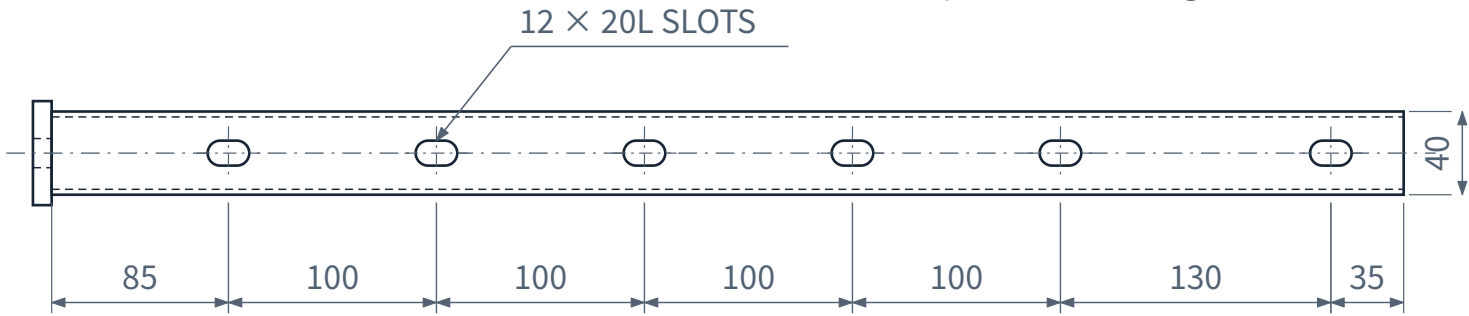
대표도 W800 / L850 mm(해당 길이 슬롯 배열)
용융아연도금: KS D 8308 기준 · 재료: 제작사양서 참조 · 볼트 L: 지지 SUPPORT에 따름.

TYPE	W (mm)	L (mm)	강판 t (mm)	부착판 (mm)	볼트 규격	품번 / Item No.
D2	700	750	2.6	100×9t	M12×?L	HVT-BRD2W7
D2	800	850	2.6	100×9t	M12×?L	HVT-BRD2W8

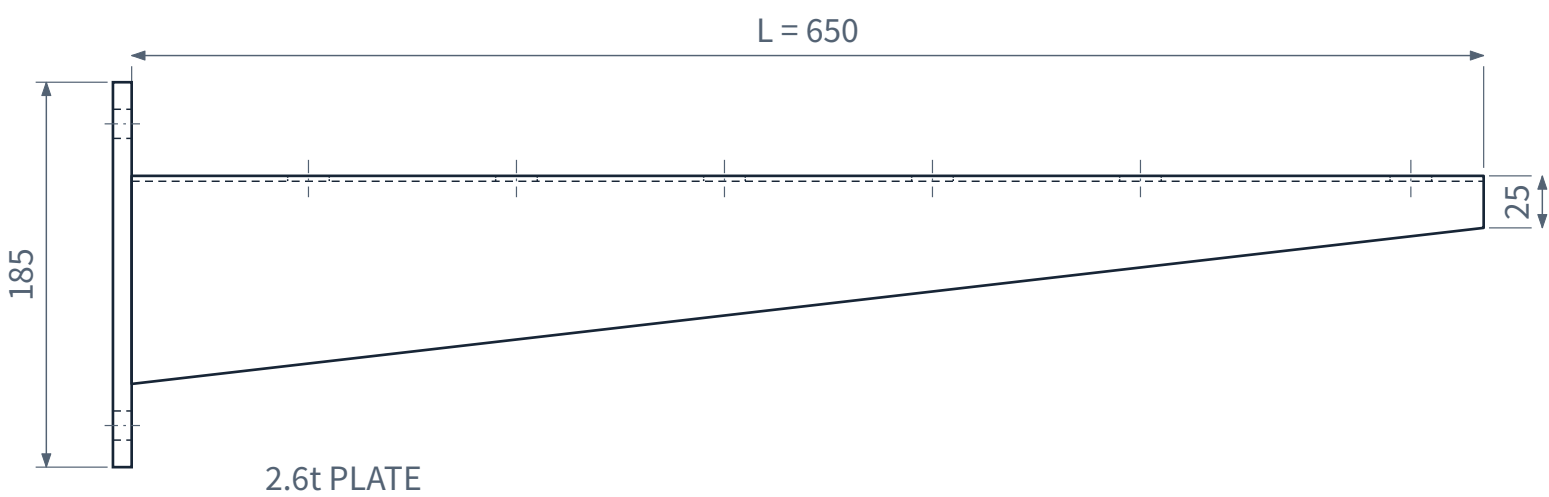
UNIT mm · N.S.

PLAN · TYPE D3

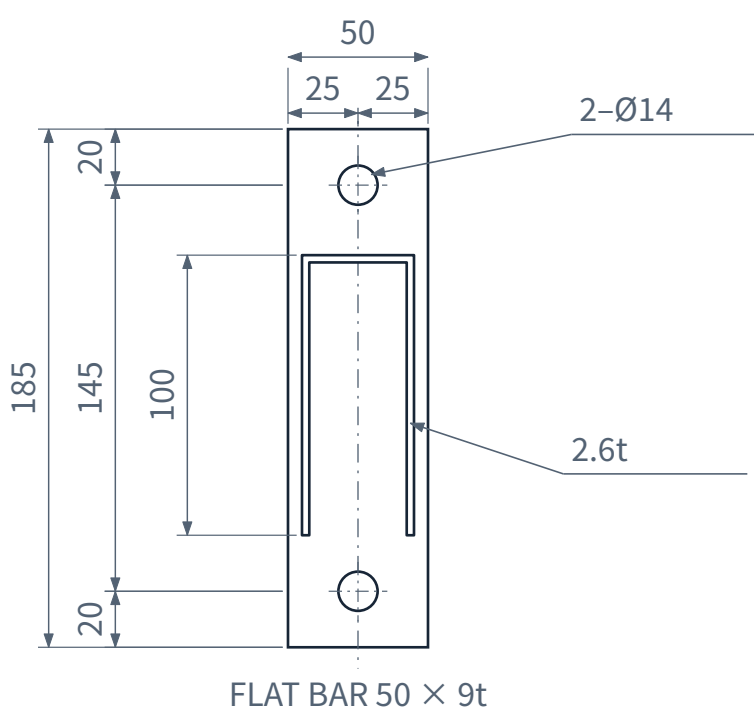
Representative length L = 650; N.S.



SIDE



MOUNTING END

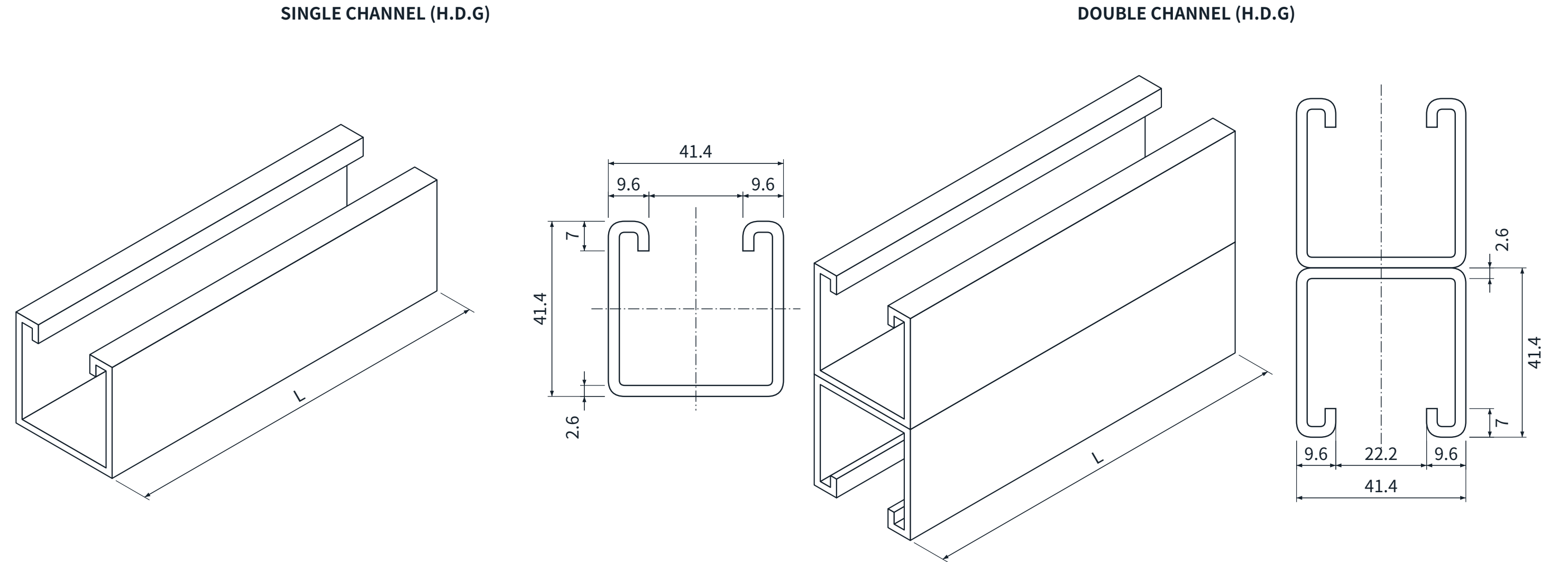


TOP OFFSET 45 · U SECTION 40 × 100
M12×?L · NUT · FLAT / SPRING WASHER 2.3t
BOLT LENGTH L DEPENDS ON SUPPORT

대표 길이 L650 mm(해당 길이 슬롯 배열)
용융아연도금: KS D 8308 기준 · 재료: 제작사양서 참조 · 볼트 L: 지지 SUPPORT에 따름.

TYPE	호칭	L (mm)	강판 t (mm)	부착판 (mm)	볼트 규격	품번 / Item No.
D3	400	450	2.6	50×9t	M12×?L	HVT-BRD3N4
D3	500	550	2.6	50×9t	M12×?L	HVT-BRD3N5
D3	600	650	2.6	50×9t	M12×?L	HVT-BRD3N6

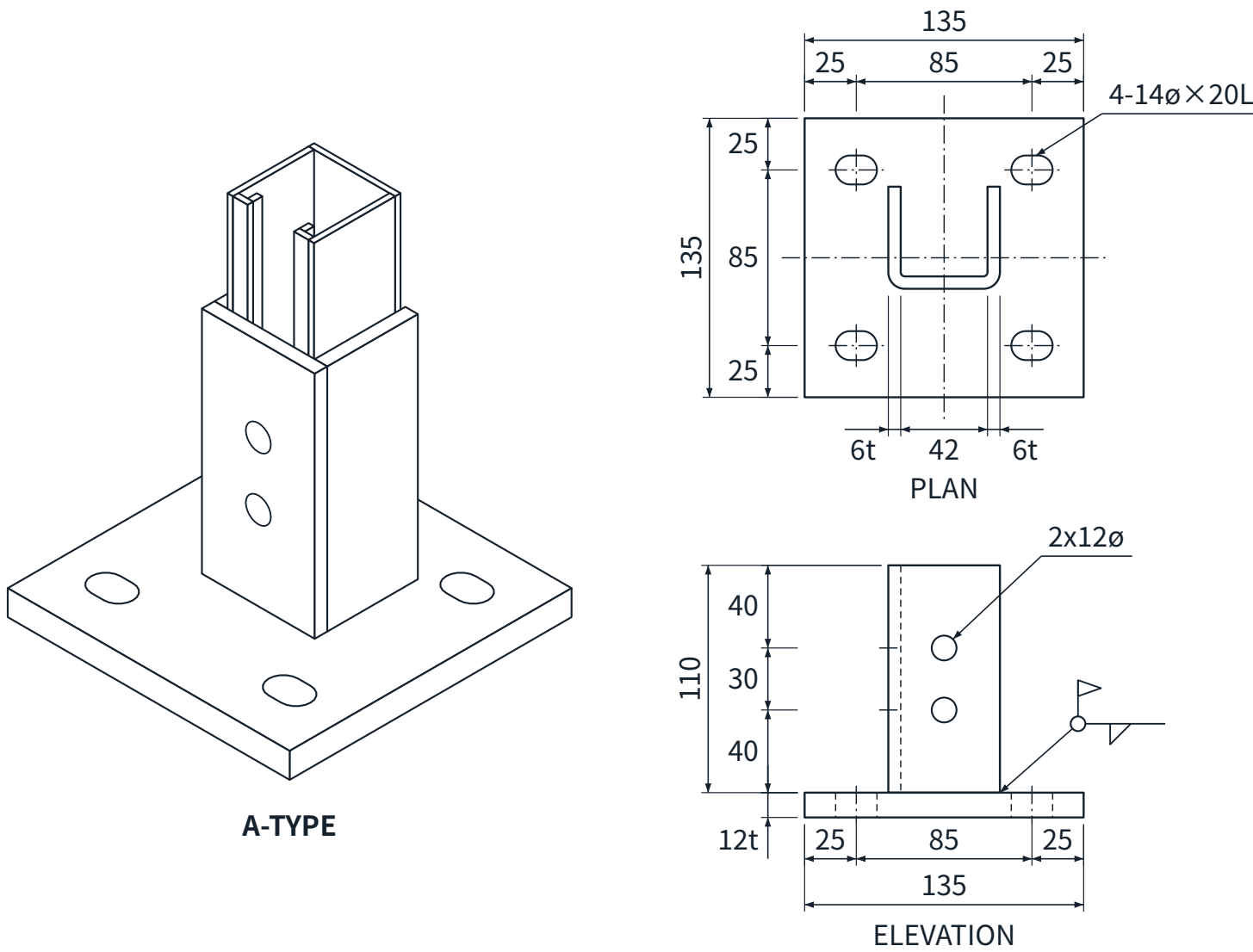
UNIT mm · N.S.



용융아연도금: KS D 8308 · 재료: 제작사양서 참조.

ITEM	SIZE	품번 / Item No.
SINGLE CHANNEL	41.4×41.4×2.6t	HVT-CHSW41P4H41P4T26
DOUBLE CHANNEL	41.4×82.8×2.6t	HVT-CHDW41P4H82P8T26

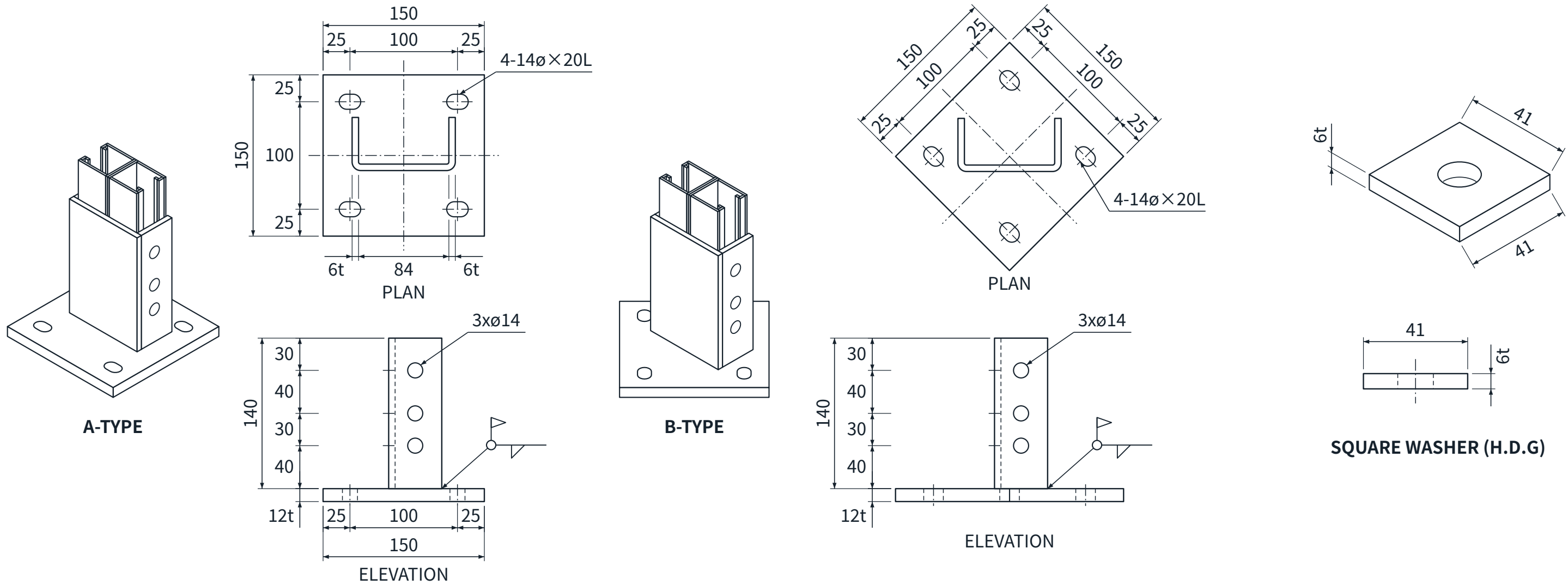
UNIT mm · N.S.



용융아연도금: KS D 8308 · 재료: 제작사양서 참조.

ITEM	TYPE	품번 / Item No.
SINGLE CHANNEL POST BASE	A-TYPE	HVT-PBSAW135H110T120
SINGLE CHANNEL BASE SQUARE WASHER	41×41×6t	HVT-PBWSW41T60

UNIT mm · N.S.



용융아연도금: KS D 8308 · 재료: 제작사양서 참조.

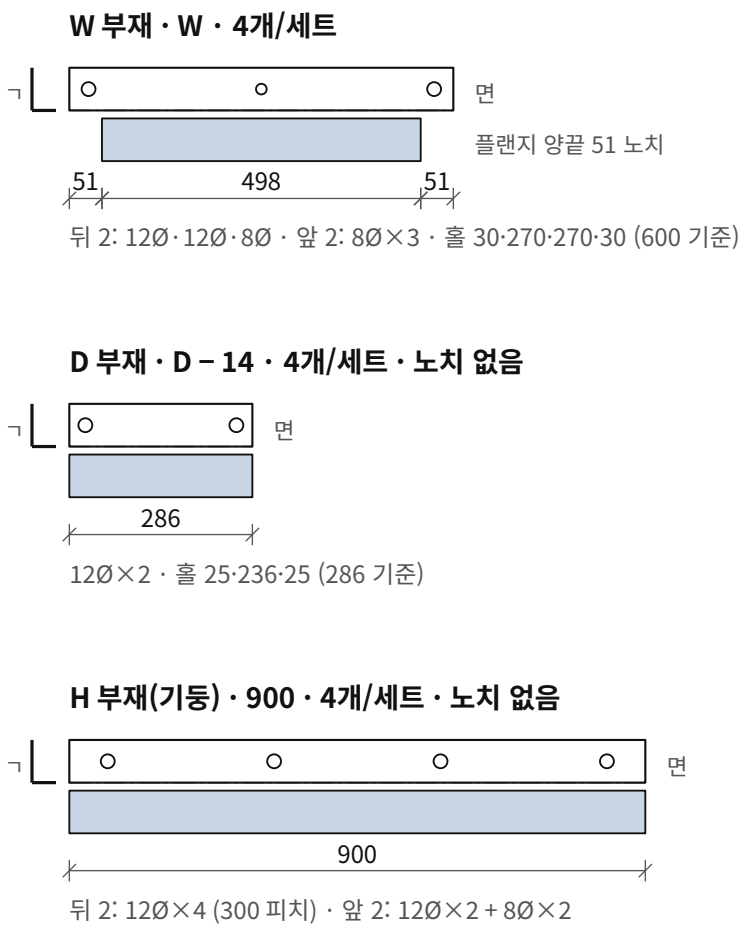
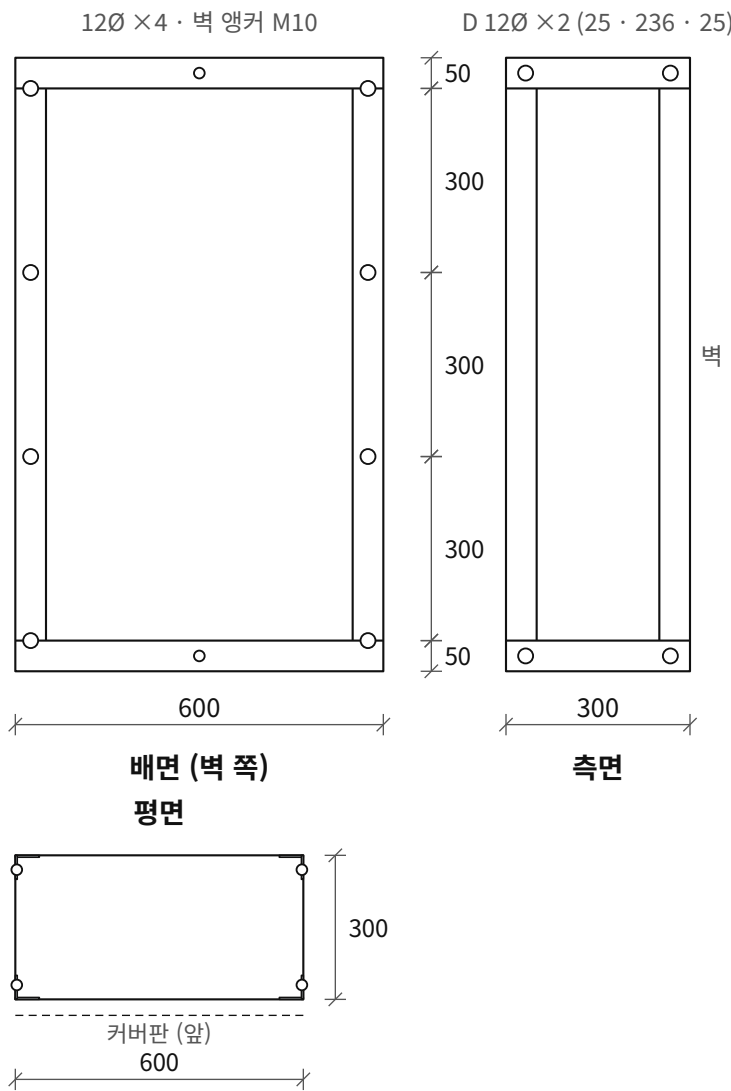
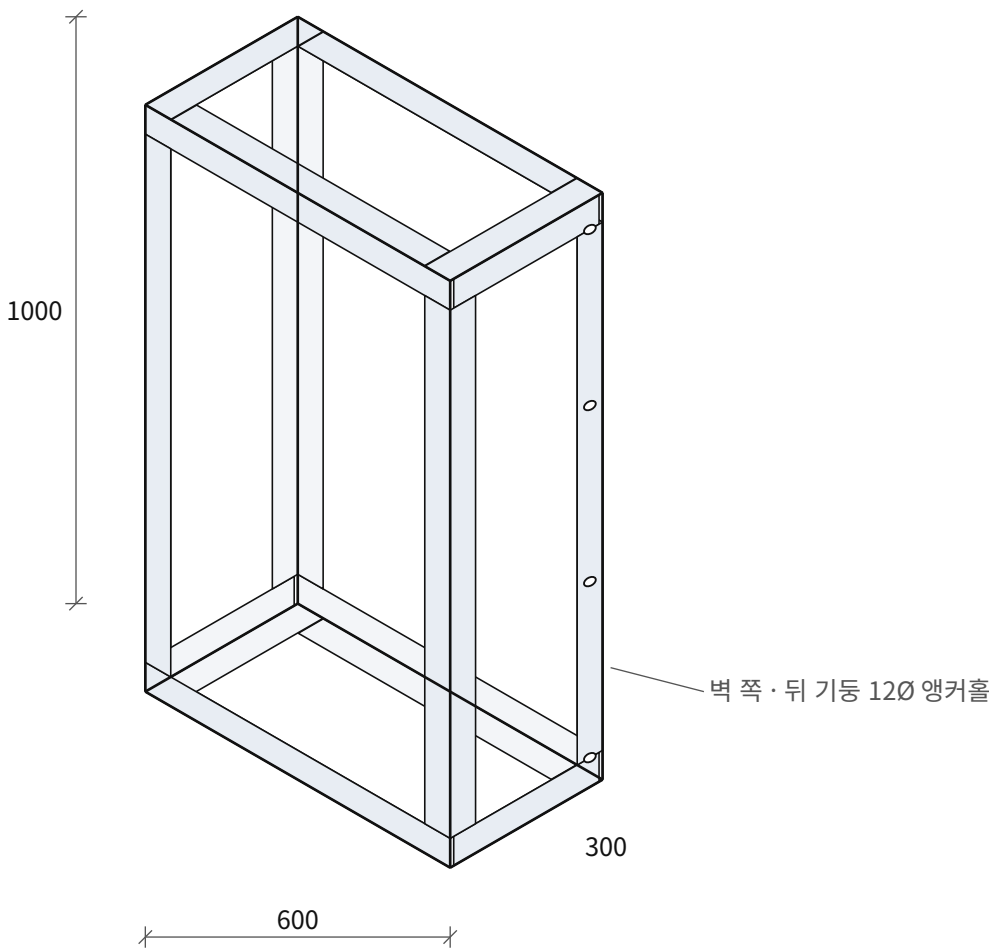
ITEM	TYPE	품번 / Item No.
DOUBLE CHANNEL POST BASE	A-TYPE	HVT-PBDAW150H140T120
DOUBLE CHANNEL POST BASE	B-TYPE	HVT-PBDBW150H140T120
DOUBLE CHANNEL BASE SQUARE WASHER	41×41×6t	HVT-PBWDW41T60

입상 덕트 (VERTICAL CABLE DUCT)

KD FRAME · WALL MOUNT · H.D.G

UNIT mm · N.S.

ISOMETRIC · 모서리 ㄱ 앵글 12 · 면은 비움 · 위·아래 면 W 플랜지 51 노치



품번 / Item No.	DIMENSION (mm)				비고
	W	D	H	T	
HVT-VD-100-D	100	100 ~ 1000	1000	2.3	협의
HVT-VD-150-D	150	100 ~ 1000	1000	2.3	협의
HVT-VD-200-D	200	100 ~ 1000	1000	2.3	
HVT-VD-300-D	300	100 ~ 1000	1000	2.3	
HVT-VD-400-D	400	100 ~ 1000	1000	2.3	
HVT-VD-500-D	500	100 ~ 1000	1000	2.3	
HVT-VD-600-300	600	300 (기준)	1000	2.3	기준
HVT-VD-700-D	700	100 ~ 1000	1000	2.3	
HVT-VD-800-D	800	100 ~ 1000	1000	2.3	
HVT-VD-900-D	900	100 ~ 1000	1000	2.3	
HVT-VD-1000-D	1000	100 ~ 1000	1000	2.3	

REMARK (KS D 8308)
재료 · 판 본체 부재 12 · 본체판(뒷판·옆판) : HGI 2.3t (H.D.G · KS D 8308) 커버판 : HR PosMAC 1.6t · 2.0t
구조 박스 12 모서리 = ㄱ 앵글(플랜지 50) · 바깥 면에 놓임 · 안쪽 비움 모서리 겹침 볼트 조립(용접 없음) · 유닛 H 1000 · 상하 연결 적층
부재 길이 W 부재 = W (플랜지 = W - 102 · 양끝 51 노치) · D 부재 = D - 14 · H 부재 = 900
홀 · 체결 12Ø : 벽 앵커 M10 케미컬 앵커 · 모서리·유닛 연결 M10 8Ø : 판·커버 조립 M6
제작 기준 기준 규격 600W×300D×1000H (제작도 2026.02) · 표 밖 치수도 같은 구조 · 제작사양서 참조

주식회사 한빛트레이
HANVIT TRAY CO., LTD.

도면번호 / DRAWING NO.
HVT-BR-013

UNIT mm · SCALE N.S.
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