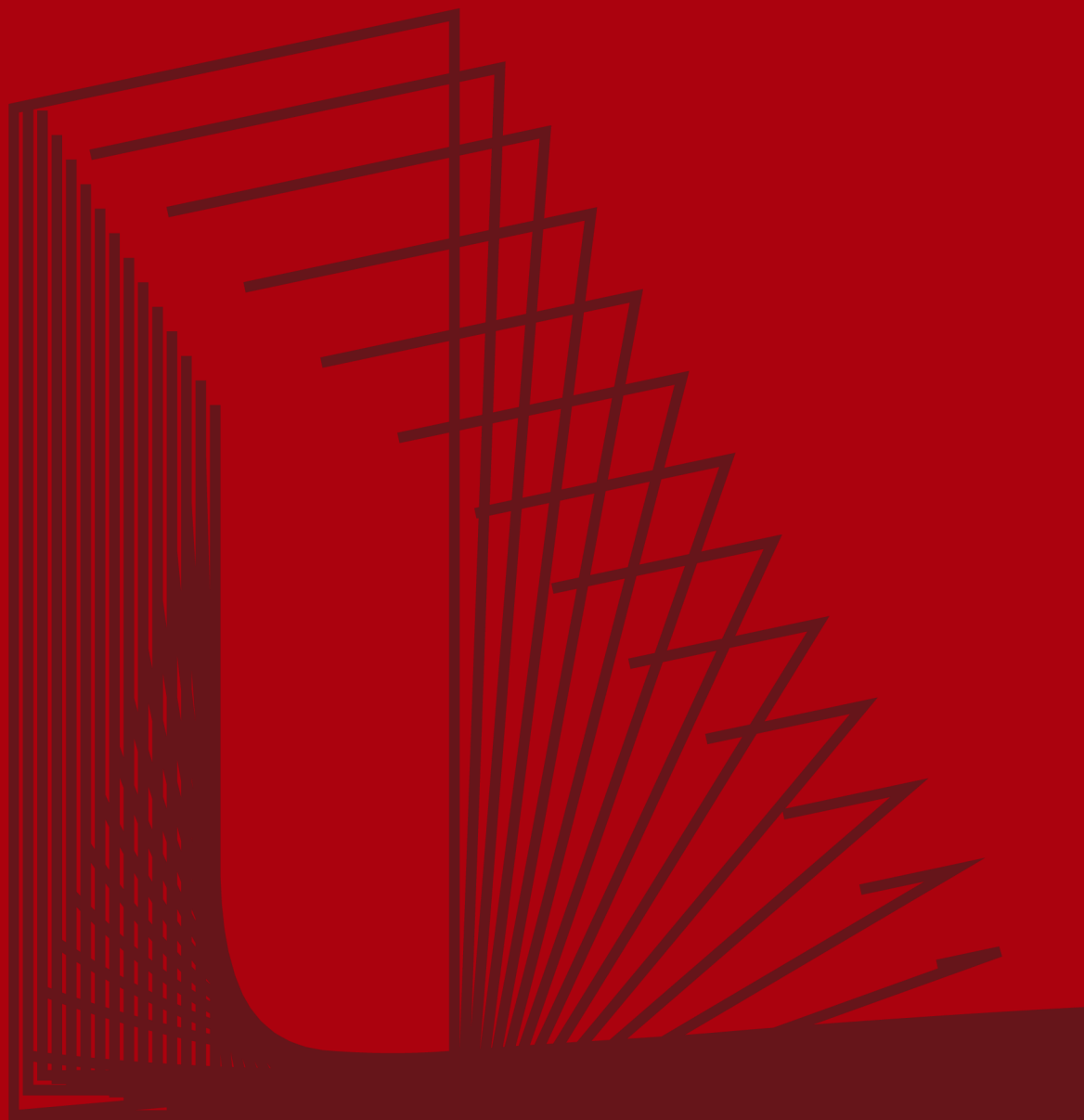


OZSTRUT

HEAVY-DUTY MODULAR SYSTEM

PRODUCT CATALOGUE



2025 EDITION

OZSTRUT HDS – Tough Conditions, Smart Solutions

Product introduction

The OZSTRUT HDS Framing System is a premium, high-performance modular support solution designed for mechanical, electrical, and plumbing installations. Engineered for versatility and strength, OZTRUT offers a complete range of components that enable fast, reliable, and cost-effective assembly of support structures in commercial, industrial, and infrastructure projects.

OZSTRUT HDS system's high load-bearing capacity and corrosion-resistant materials make it ideal for demanding environments, while its modular design allows for flexible configurations to suit a wide variety of applications.

With the OZSTRUT HDS System, achieving a strong, stable, & customizable support structure is simpler, faster & more cost-effective than ever before.

Why choose HDS



Excellent corrosion resistance



Costs saving



Comprehensive product range



Easy application



Table of Contents

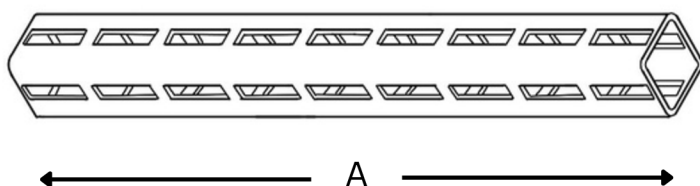


HDS Framing System	1
Load Values	2
Base Plate	3
Vertical Support	4
Flat plate	5
Reinforcement Washer	6
Rod Connector	7
Angle Brackets	8
Angle Bracket With Gusset	10
Internal 2 Way Bracket	11
Internal 3 Way Bracket	12
Internal 4 Way Bracket	13
Shoe	14
Joiner Set	14
Wall Mount Bracket	15
Brace Bracket	15
End Cap	16
Bolt	16

HDS Framing System

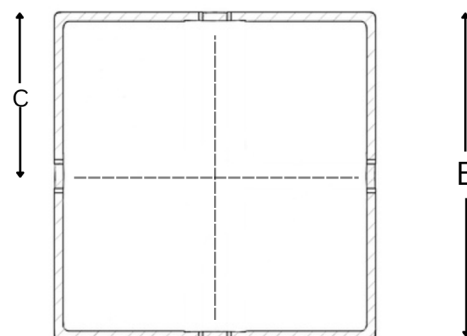
Code	Material	Weight (kg/m)	Coating	Yield Strength	Modulus of Elasticity
HDS100	Mild steel	8.27	Hot-dipped Galvanised	345MPa	200 GPa
HDS80	Mild steel	5.76	Hot-dipped Galvanised	345MPa	200 GPa
HDS50	Mild steel	3.70	Hot-dipped Galvanised	345MPa	200 GPa

	A	B	C	Thickness	Slot	Unit
HDS100	6000	100	50	3	15.5 x 65	mm
HDS80	6000	75	37.5	3	15.5 x 65	mm
HDS50	6000	50	25	3	12 x 46	mm

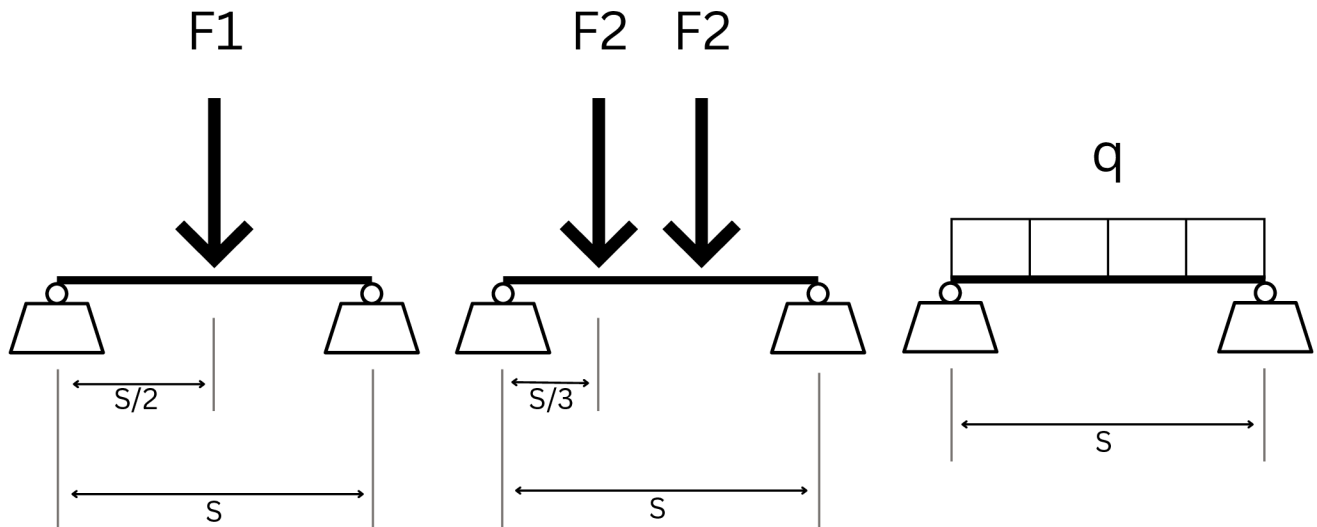


← B →

← C →



HDS Framing System - Load Values

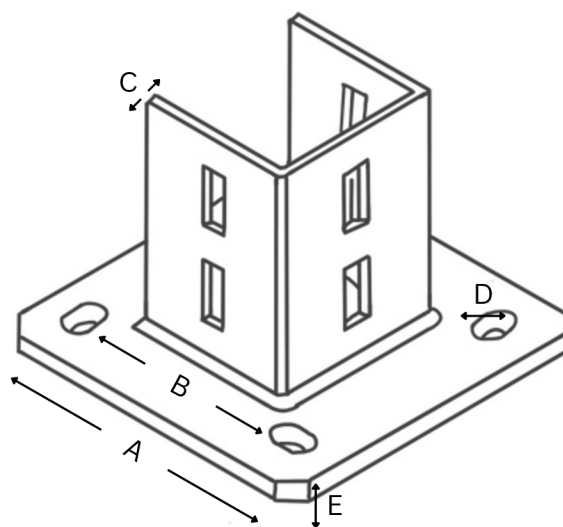


	HDS 50			HDS 80			HDS 100		
Bearing spacing (S)	Single load 1xF1	Double load 2xF2	Distributed load q	Single load 1xF1	Double load 2xF2	Distributed load q	Single load 1xF1	Double load 2xF2	Distributed load q
<<mm>>	kN	kN	kN/m	kN	kN	kN/m	kN	kN	kN/m
500	12.38	8.55	20.54	21.88	16.42	87.51	42.64	31.98	144.41
750	8.24	6.18	15.77	14.58	10.93	38.86	28.41	21.31	75.50
1000	6.17	4.32	11.79	10.92	8.20	21.84	21.29	15.97	42.58
1250	4.71	2.76	7.52	8.73	6.63	13.97	17.01	12.77	27.23
1500	3.26	1.91	5.21	7.26	5.44	9.68	14.16	10.62	18.89
1750	2.37	1.39	3.80	6.21	4.66	7.10	12.12	9.09	13.85
2000	1.80	1.06	2.89	5.42	4.07	5.42	10.59	7.94	10.59
2250	1.41	0.83	2.26	4.81	3.54	4.28	9.40	7.05	8.35
2500	1.13	0.67	1.80	4.32	2.86	3.12	8.44	6.33	6.75
2750	0.92	0.54	1.47	3.91	2.35	2.33	7.65	5.74	5.57
3000	0.76	0.44	1.22	3.34	1.97	1.79	6.99	4.83	4.39
3250	-	-	-	2.82	1.66	1.40	6.44	4.09	3.43
3500	-	-	-	2.41	1.41	1.10	5.96	3.51	2.74
3750	-	-	-	2.08	1.23	0.89	5.17	3.04	2.20
4000	-	-	-	1.81	1.06	0.72	4.51	2.65	1.81
4250	-	-	-	1.58	0.93	0.60	3.96	2.33	1.49
4500	-	-	-	1.38	0.82	0.49	3.50	2.05	1.24
4750	-	-	-	1.23	0.72	0.42	3.11	1.82	1.05
5000	-	-	-	1.08	0.64	0.35	2.76	1.62	0.89
5250	-	-	-	0.96	0.56	0.29	2.48	1.45	0.76
5500	-	-	-	0.85	0.50	0.25	2.22	1.30	0.65
5750	-	-	-	0.75	0.45	0.21	2.00	1.18	0.56
6000	-	-	-	0.67	0.40	0.18	1.80	1.05	0.48

Base Plate

Code	Description					Slots
HDS100-2072	HDS100 Base Plate HDG					15.5 x 40
HDS080-2072	HDS80 Base Plate HDG					15.5 x 40
	A	B	C	D	E	Unit
HDS100-2072	220	150	6	18 X 27	12	mm
HDS080-2072	200	130	6	18 X 27	12	mm

6 x M12 HDS BOLTS

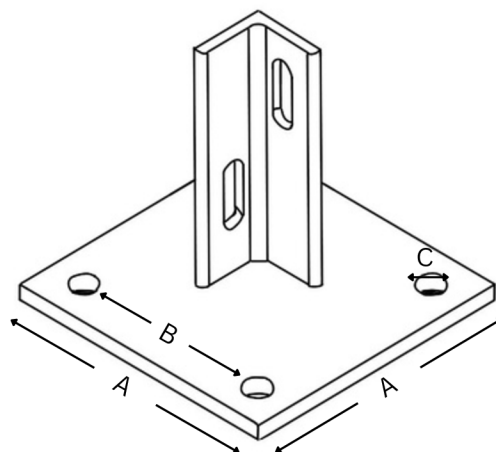


Base Plate

HDS 50

Code	Description				Slots
HDS050-2072	HDS50 Base Plate HDG				12 x 40
	A	B	C	Thickness	Unit
HDS050-2072	150	108	14	6	mm

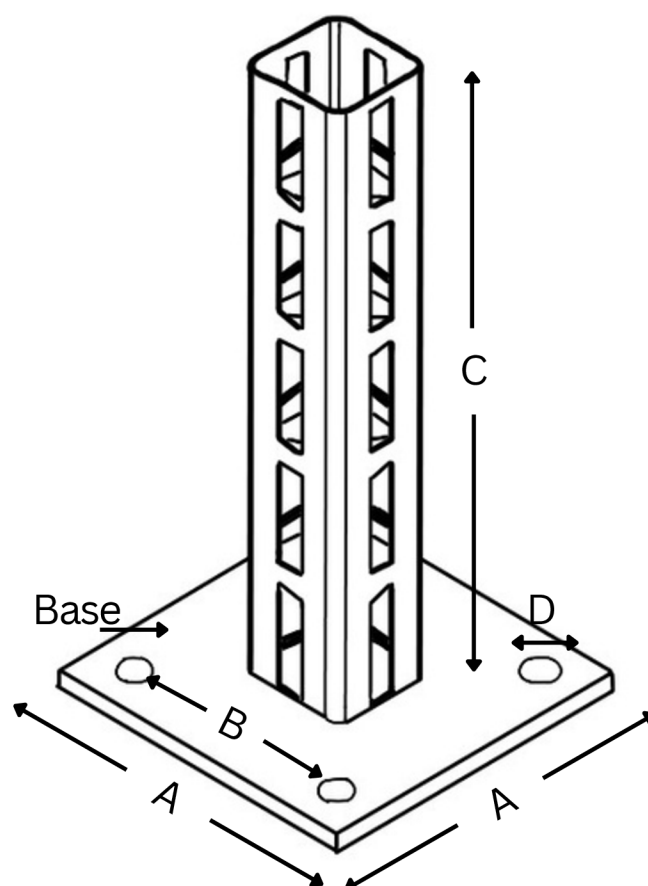
2 x M10 HDS BOLTS



Vertical Support

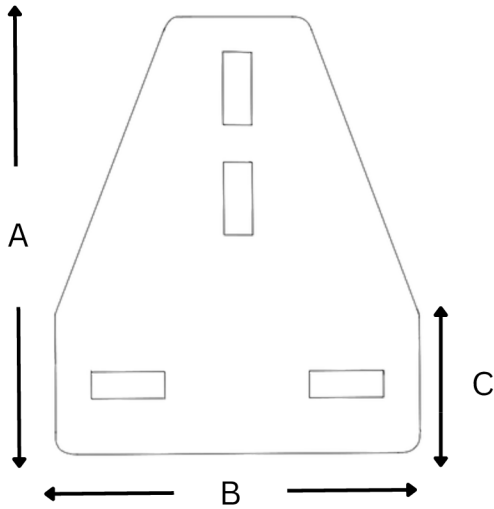
Code	Description
OZ01CV50750	HDS50 Vertical Support 750mm HDG
OZ01CV501000	HDS50 Vertical Support 1000mm HDG
OZ01CV501500	HDS50 Vertical Support 1500mm HDG

	A	B	C	D	Base thickness	Unit
OZ01CV50750	150	108	750	11	10	mm
OZ01CV501000	150	108	1000	11	10	mm
OZ01CV501500	150	108	1500	11	10	mm



Flat T-Plate

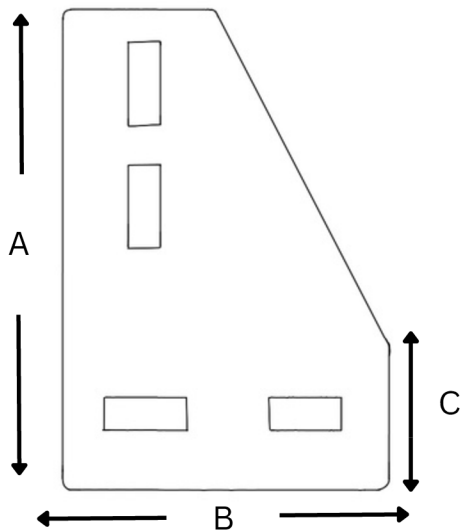
Code	Description	Slots	A	B	C	Thickness	Unit
HDS100-1358	HDS100 Flat T-Plate HDG	15.5 x 40	240	200	75	6	mm
HDS080-1358	HDS80 Flat T-Plate HDG	15.5 x 40	240	200	75	6	mm



4 x M12 HDS BOLTS

Flat L-Plate

Code	Description	Slots	A	B	C	Thickness	Unit
HDS100-1359	HDS100 Flat L-Plate HDG	15.5 x 40	240	160	75	6	mm
HDS080-1359	HDS80 Flat L-Plate HDG	15.5 x 40	240	160	75	6	mm

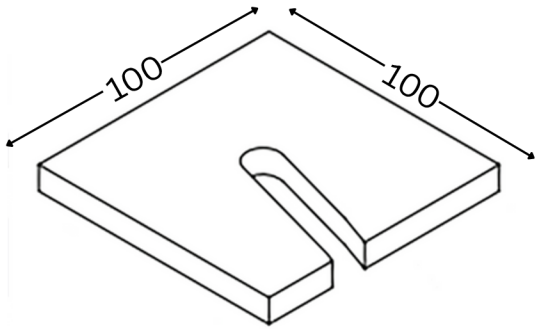


4 x M12 HDS BOLTS

Reinforcement Washer

HDS 100

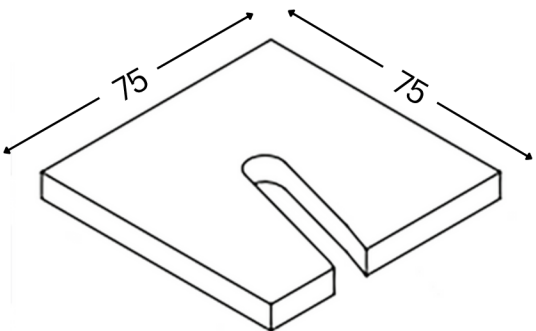
Code	Description	Slot	Suits	Thickness	Unit
HDS100-1064	HDS100 Reinforcement Washer M12 HDG	14	M10 & M12 Rod	10	mm



Reinforcement washer

HDS 80

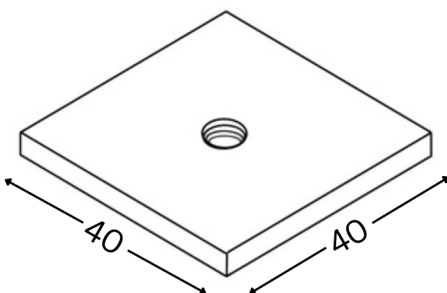
Code	Description	Slot	Suits	Thickness	Unit
HDS080-1064	HDS80 Reinforcement Washer M12 HDG	14	M10 & M12 Rod	10	mm



Reinforcement Washer

HDS 50

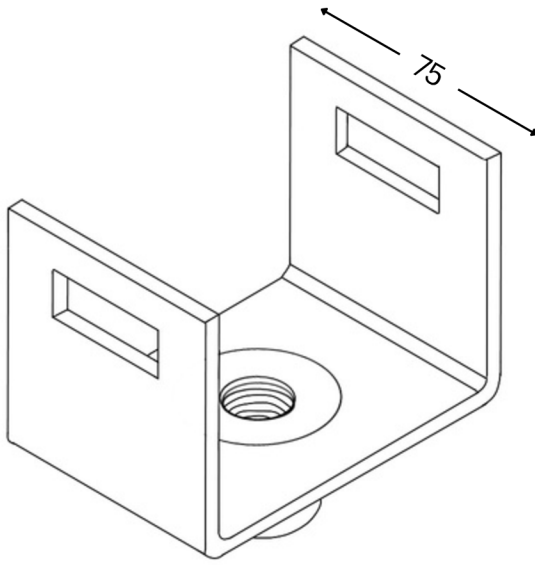
Code	Description	Hole	Suits	Thickness	Unit
OZ01AB1063	One hole plate	12	M10 Rod	6	mm
OZ01AB1064	One hole plate	14	M12 Rod	6	mm



Rod Connector

Code	Description	Slots	Thread	Width	Thickness	Unit
HDS100-RC-M16	HDS100 Rod Connector M16 HDG	15.5 x 40	16	75	6	mm
HDS080-RC-M16	HDS80 Rod Connector M16 HDG	15.5 x 40	16	75	6	mm

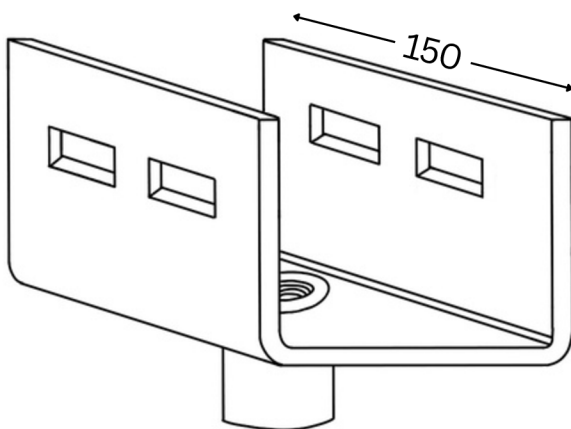
2 x M12 HDS BOLTS



Rod Connector

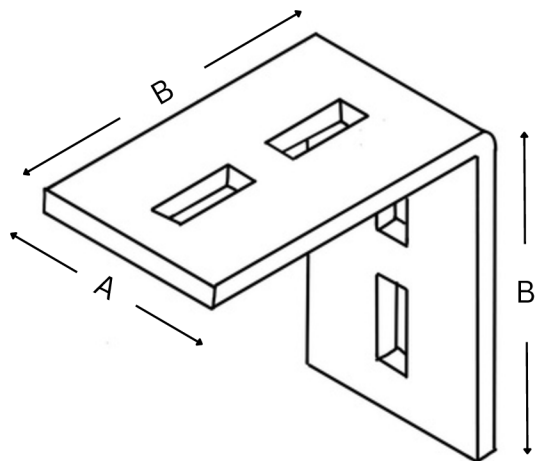
Code	Description	Slots	Thread	Length	Thickness	Unit
HDS100-RC-M20	HDS100 Rod Connector M20 HDG	15.5 x 40	20	150	6	mm
HDS080-RC-M20	HDS80 Rod Connector M20 HDG	15.5 x 40	20	150	6	mm

4 x M12 HDS BOLTS



Angle Bracket

Code	Description	Slots	A	B	Thickness	Unit
HDS100-1325	HDS100 Angle Bracket HDG 4 Hole	15.5 x 40	90	150	10	mm
HDS080-1325	HDS80 Angle Bracket HDG 4 Hole	15.5 x 40	65	150	10	mm

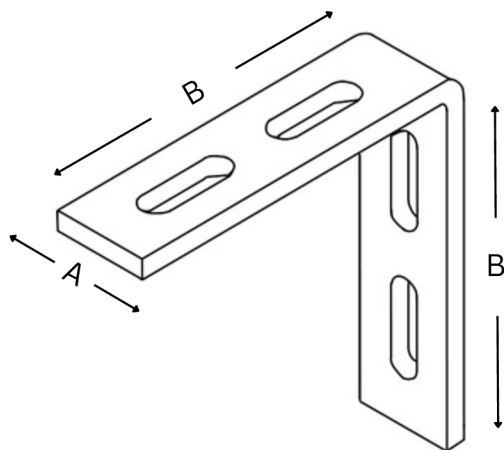


4 x M12 HDS BOLTS

Angle Bracket

HDS 50

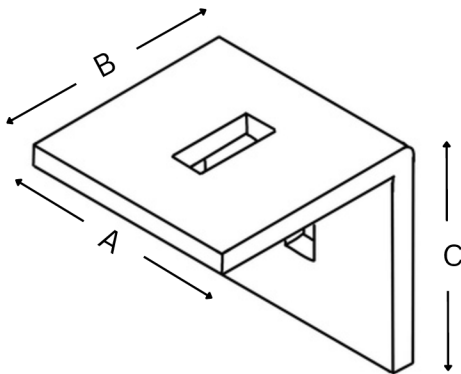
Code	Description	Slots	A	B	Thickness	Unit
HDS050-1325	HDS50 Angle Bracket HDG 4 Hole	12 x 40	40	150	6	mm



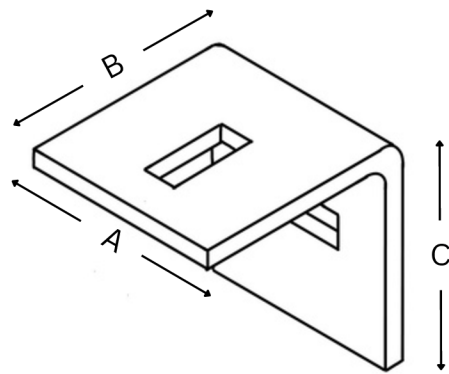
4 x M10 HDS BOLTS

Angle Bracket

Code	Description	Slots	A	B	C	Thickness	Unit
HDS100-1026	HDS100 Angle Bracket HDG 2 Hole	15.5 x 40	90	100	100	10	mm
HDS100-1068	HDS100 Angle Bracket HDG 2 Cross	15.5 x 40	90	100	100	10	mm
HDS080-1026	HDS80 Angle Bracket HDG 2 Hole	15.5 x 40	65	100	100	10	mm
HDS080-1068	HDS80 Angle Bracket HDG 2 Cross	15.5 x 40	65	100	75	10	mm



No.1026



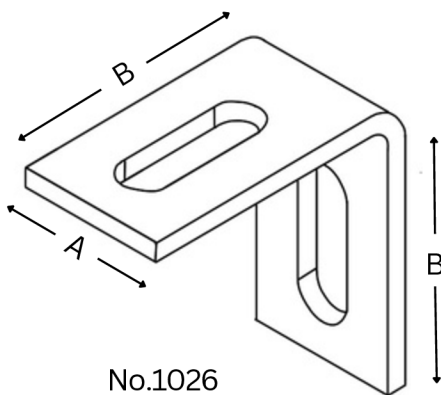
No.1068

2 x M12 HDS BOLTS

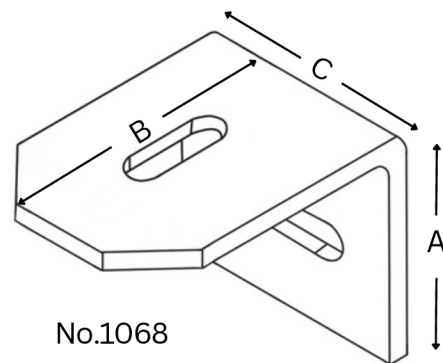
Angle Bracket

HDS 50

Code	Description	Slots	A	B	C	Thickness	Unit
HDS050-1026	HDS50 Angle Bracket HDG 2 Hole	12 x 40	40	75	75	6	mm
HDS050-1068	HDS50 Angle Bracket HDG 2 Cross	12 x 40	50	75	75	6	mm



No.1026

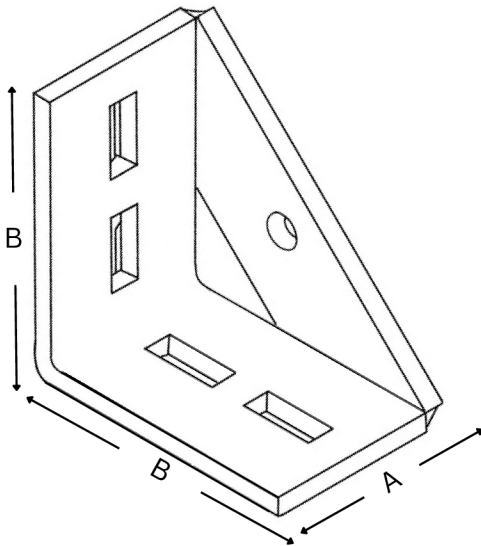


No.1068

2 x M10 HDS BOLTS

Angle Bracket With Gusset

Code	Description	Slots	A	B	Thickness	Unit
HDS100-2484	HDS100 Angle Bracket Braced HDG	15.5 x 40	90	150	10	mm
HDS080-2484	HDS80 Angle Bracket Braced HDG	15.5 x 40	65	150	10	mm

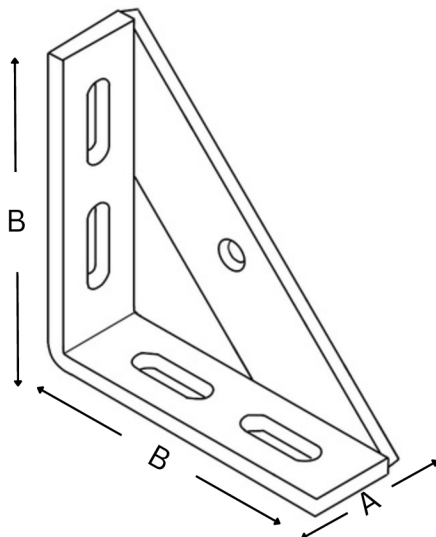


4 x M12 HDS BOLTS

Angle Bracket With Gusset

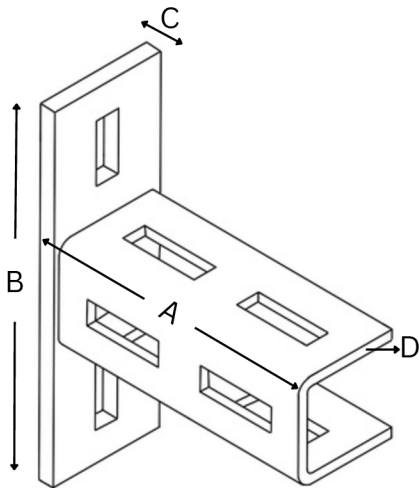
HDS 50

Code	Description	Slots	A	B	Thickness	Unit
HDS050-2484	HDS50 Angle Bracket Braced HDG	12 x 40	40	150	6	mm



4 x M10 HDS BOLTS

Internal 2 Way Bracket



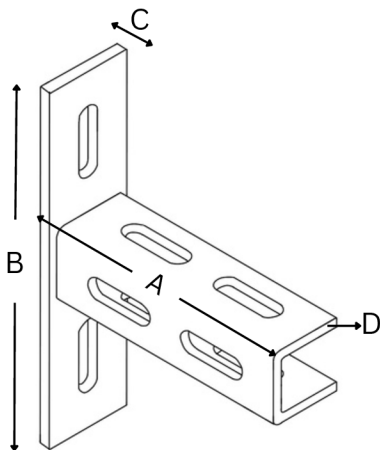
Code	Description	Slots
HDS100-2WB	HDS100 Internal 2 Way Bracket	15.5 x 50
HDS080-2WB	HDS80 Internal 2 Way Bracket	15.5 x 50

	A	B	C	D	Unit
HDS100-2WB	170	250	10	6	mm
HDS080-2WB	170	230	10	6	mm

6 x M12 HDS BOLTS

Internal 2 Way Bracket

HDS 50



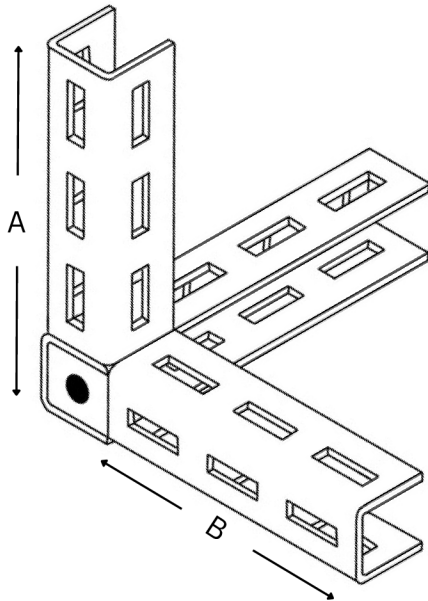
Code	Description	Slots
HDS050-2WB	HDS50 Internal 2 Way Bracket	12 x 40

	A	B	C	D	Unit
HDS050-2WB	150	190	6	5	mm

6 x M10 HDS BOLTS

Internal 3 Way Bracket

Code	Description	Slots	Thread
HDS100-3WB-L	HDS100 Internal 3 Way Bracket - Left	15.5 x 50	M20
HDS100-3WB-R	HDS100 Internal 3 Way Bracket - Right	15.5 x 50	M20
HDS080-3WB-L	HDS80 Internal 3 Way Bracket - Left	15.5 x 50	M20
HDS080-3WB-R	HDS80 Internal 3 Way Bracket - Right	15.5 x 50	M20



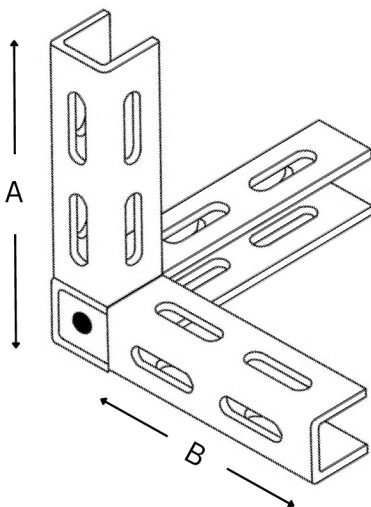
	A	B	Thickness	Unit
HDS100-3WB (L-R)	350	250	6	mm
HDS080-3WB (L-R)	325	250	6	mm

18 x M12 HDS BOLTS

Internal 3 Way Bracket

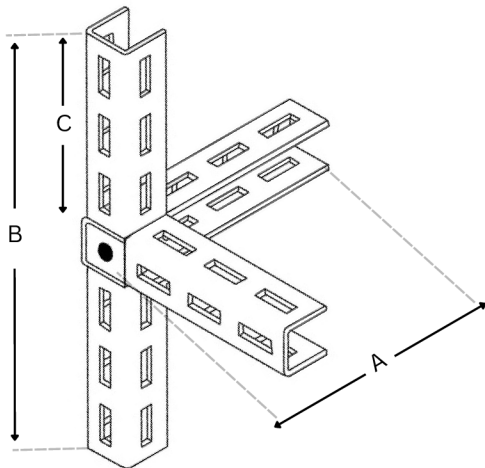
HDS 50

Code	Description	Slots	Thread	A	B	Thickness	Unit
HDS050-3WB-L	HDS50 Internal 3 Way Bracket - Left	12 x 40	M12	200	150	6	mm
HDS050-3WB-R	HDS50 Internal 3 Way Bracket - Right	12 x 40	M12	200	150	6	mm



18 x M10 HDS BOLTS

Internal 4 Way Bracket



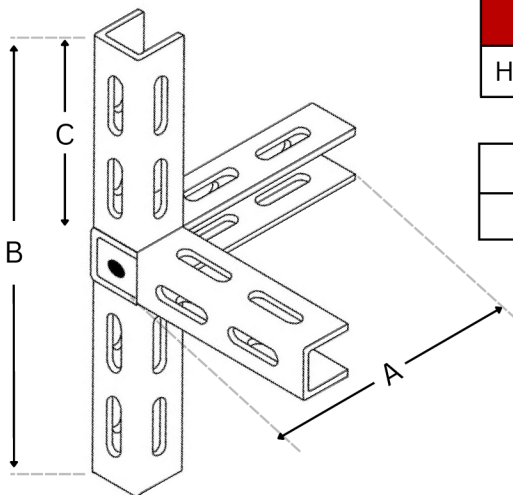
Code	Description	Slots	Thread
HDS100-4WB	HDS100 Internal 4 Way Bracket	15.5 x 50	M20
HDS080-4WB	HDS80 Internal 4 Way Bracket	15.5 x 50	M20

	A	B	C	Thickness	Unit
HDS100-4WB	350	590	250	6	mm
HDS080-4WB	325	566	250	6	mm

24 x M12 HDS BOLTS

Internal 4 Way Bracket

HDS 50



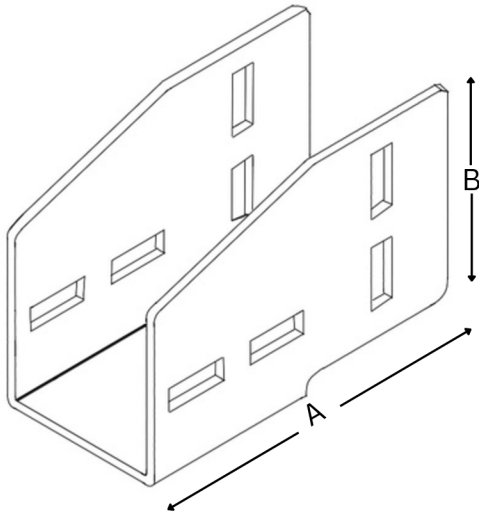
Code	Description	Slots	Thread
HDS050-4WB	HDS50 Internal 4 Way Bracket	12 x 40	M12

A	B	C	Thickness	Unit
200	350	150	5	mm

24 x M10 HDS BOLTS

Shoe

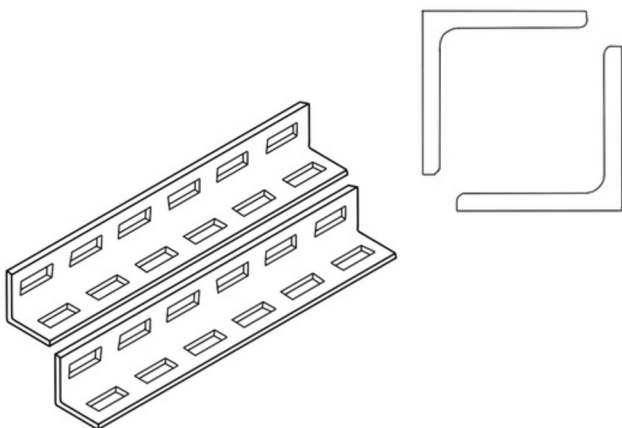
Code	Description	Slots	A	B	Thickness	Unit
HDS100-156	HDS100 Shoe HDG	15.5 x 40	230	160	6	mm
HDS080-156	HDS80 Shoe HDG	15.5 X40	205	160	6	mm



8 x M12 HDS BOLTS

Joiner Set

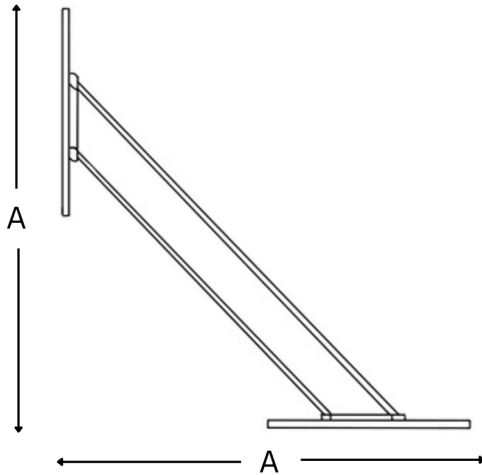
Code	Description	Slots	Thickness	Unit
HDS100-1377	HDS100 Internal Joiner HDG	15.5 x 40	8	mm
HDS080-1377	HDS80 Internal Joiner HDG	15.5 x 40	8	mm



8 x M12 HDS BOLTS

Wall Mount Bracket

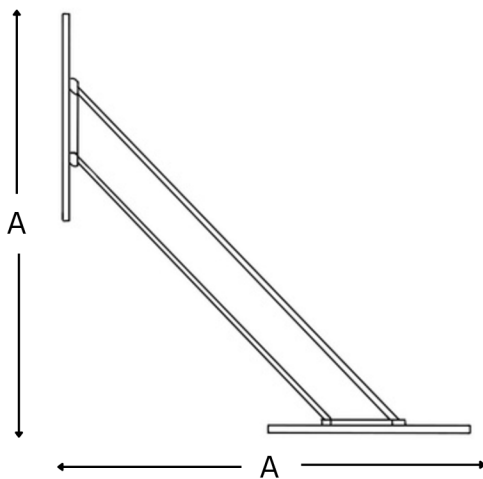
Code	Description	Slots	Length (A)	Thickness	Unit
HDS100-158	HDS100 Wall Mount Bracket HDG	15.5 x 40	700	10	mm
HDS080-158	HDS80 Wall Mount Bracket HDG	15.5 x 40	600	10	mm



4 x M12 HDS BOLTS REQUIRED

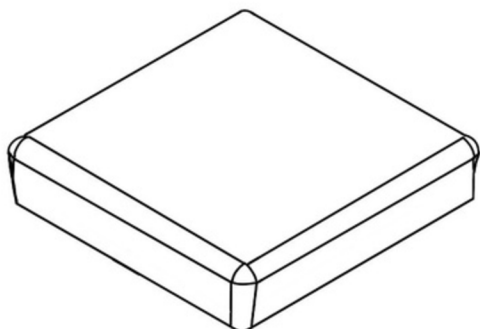
Brace Bracket

Code	Description	Slots	Length (A)	Thickness	Unit
HDS100-157	HDS100 Brace Bracket HDG	15.5 x 40	370	10	mm
HDS080-157	HDS80 Brace Bracket HDG	15.5 x 40	370	10	mm



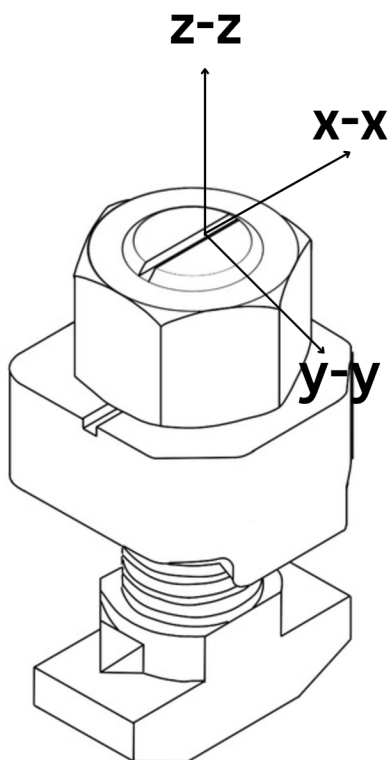
4 x M12 HDS BOLTS REQUIRED

End Cap



Code	Description	Colour
HDS100-2240	HDS100 End Cap	Black
HDS080-2240	HDS80 End Cap	Black
HDS050-2240	HDS50 End Cap	Black

Bolt



Code	Description	Strength class	Material	Finish
HDS-Bolt10	HDS Bolt M10	10.9	Steel	Zinc-Nickel
HDS-Bolt12	HDS Bolt M12	10.9	Steel	Zinc-Nickel

Product details - HDS-Bolt10

Thread	M10
Length thread	30mm
Overall length	35mm
Load capacity	x-x 7kN; y-y 7kN; z-z 3kN

Product details - HDS-Bolt12

Thread	M12
Length thread	35mm
Overall length	40mm
Load capacity	x-x 10kN; y-y 10kN; z-z 3kN

HDS-Bolt10 SUITS HDS050 & Accessories
HDS-Bolt12 SUITS HDS80/100 & Accessories

OZSTRUT

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02 9620 9999



SALES@OZSTRUT.COM.AU



WWW.OZSTRUT.COM.AU

32 BEARING RD SEVEN HILLS NSW 2147