

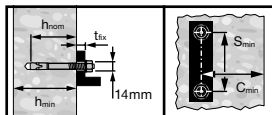


HSA, HSA-BW, HSA-R, HSA-R2 M12



2025062-2025.12.22

	HSA	HSABW	HSA-R	HSA-R2
M12 5/-/-	✓	✓	✓	-
M12 20/5/-	✓	✓	✓	✓
M12 35/20/-	✓	-	✓	-
M12 65/50/15	✓	-	✓	-
M12 95/80/45	✓	-	✓	-
M12 125/110/75	✓	-	✓	-
M12 145/130/95	✓	-	-	-



HSA	t _{ex1} [mm]	t _{ex2} [mm]	t _{ex3} [mm]
M12 5/-/-	5	-	-
M12 20/5/-	20	5	-
M12 35/20/-	35	20	-
M12 65/50/15	65	50	15
M12 95/80/45	95	80	45
M12 125/110/75	125	110	75
M12 145/130/95	145	130	95

HSA	1	2	3
h _{nom} [mm]	64	79	114
h _{min} [mm]	100	140	180
S _{min} [mm]	70	70	70
C _{min} [mm]	70	65	55

