

GS1 IDENTIFICATION KEYS

GSIN (Global Shipment Identification Number)

AI	GS1 Company Prefix	Shipper Reference	Check Digit
(402)	N ₁ N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃ N ₁₄ N ₁₅ N ₁₆		N ₁₇

GINC (Global Identification Number for Consignment)

AI	GS1 Company Prefix	Consignment Reference
(401)	N ₁ ...N _i	X _{i+1} ... X _j (j ≤ 30)

AI (Application Identifiers)

GS1 Application Identifiers are 2-4 digit codes that indicate the related information and determine its length and form. Application Identifiers provide the opportunity for additional information. The following information may be alphanumeric max. 30 characters. They are used in GS1 barcodes (GS1-128, GS1 DataMatrix and GS1 DataBar).

GIAI (Global Individual Asset Identifier)

AI	GS1 Company Prefix	Individual Asset Reference
(8004)	N ₁ ...N _i	X _{i+1} ... X _j (j ≤ 30)

GRAI (Global Returnable Asset Identifier)

AI	GS1 Company Prefix	Asset Reference	Check Digit	Serial Number (optional)
(8003)	0 N ₁ N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃	X ₁ variable	X ₁₆	

GSRN (Global Service Relation Number)

AI	GS1 Company Prefix	Service Reference	Check Digit
(8018)	N ₁ N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃ N ₁₄ N ₁₅ N ₁₆ N ₁₇		N ₁₈

GTIN (Global Trade Item Number)

AI	Indicator	GS1 Company Prefix	Item Reference	Check Digit
(01)	N ₁	N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃		N ₁₄

GLN (Global Location Number)

AI	GS1 Company Prefix	Location Reference	Check Digit
(410 - 415)	N ₁ N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂		N ₁₃

SSCC (Serial Shipping Container Code)

AI	Extension Digit	GS1 Company Prefix	Serial Reference	Check Digit
(00)	N ₁	N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃ N ₁₄ N ₁₅ N ₁₆ N ₁₇		N ₁₈

GDTI (Global Document Type Identifier)

AI	GS1 Company Prefix	Doc Type	Check Digit	Serial Number (optional)
(253)	N ₁ N ₂ N ₃ N ₄ N ₅ N ₆ N ₇ N ₈ N ₉ N ₁₀ N ₁₁ N ₁₂ N ₁₃		N ₁ variable	N ₁₇

