

# GS1net Data Modelling Examples

## *Hardware Industry*

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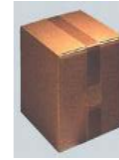
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## Hammer and Rope



GTIN	29312345678901	19312345678904	9312345678907
Brand Name	John's	John's	John's
Functional Name	Hammer	Hammer	Hammer
Trade Item Description	John's Hammer Heavy Duty X 6 X 4	John's Hammer Heavy Duty X 6	John's Hammer Heavy Duty
Trade Item Hierarchy Level	CASE	PACK_OR_INNER_PACK	BASE_UNIT_OR_EACH
Is Trade Item the Lowest Level of the Hierarchy?	N	N	Y
Is Trade Item a Consumer Unit?	N	N	Y
Is Trade Item a Despatch Unit?	Y	N	N
Is Trade Item an Invoice Unit?	Y	N	N
Is Trade Item an Orderable Unit?	Y	N	N
Is Trade Item a Variable Unit?	N	N	N
GTIN of Base Unit	9312345678907	9312345678907	
Number of Base Units	24	6	
Child GTIN	19312345678904	9312345678907	
Child Quantity	4	6	
Units per Package	4	6	1
Net Content	4	6	1
Net Content UOM	EA	EA	EA
Selling UOM			



GTIN	9312345678918	9312345678921
Brand Name	John's	John's
Functional Name	Sisal Rope	Sisal Rope
Trade Item Description	John's Rope 15MM X 100 Mtr	John's Rope 15MM x 1Mtr
Trade Item Hierarchy Level	CASE	BASE_UNIT_OR_EACH
Is Trade Item the Lowest Level of the Hierarchy?	N	Y
Is Trade Item a Consumer Unit?	Y	Y
Is Trade Item a Despatch Unit?	Y	N
Is Trade Item an Invoice Unit?	Y	N
Is Trade Item an Orderable Unit?	Y	N
Is Trade Item a Variable Unit?	N	N
GTIN of Base Unit	9312345678921	
Number of Base Units	100	
Child GTIN	9312345678921	
Child Quantity	100	
Units per Package	100	1
Net Content	100	1
Net Content UOM	Mtr	Mtr
Selling UOM	EA	Mtr

**Bolts and Screws**



GTIN	29312345678901	9312345678914	9312345678907
Brand Name	John's	John's	John's
Functional Name	Special Bolt 25mm	Special Bolt 25mm	Special Bolt 25mm
Trade Item Description	John's Special Bolt 25mm X 20 X 10	John's Special Bolt 25mm X 20	John's Special Bolt 25mm
Trade Item Hierarchy Level	CASE	PACK_OR_INNER_PACK	BASE_UNIT_OR_EACH
Is Trade Item the Lowest Level of the Hierarchy?	N	N	Y
Is Trade Item a Consumer Unit?	N	Y	Y
Is Trade Item a Despatch Unit?	Y	Y	N
Is Trade Item an Invoice Unit?	Y	Y	Y
Is Trade Item an Orderable Unit?	Y	Y	Y
Is Trade Item a Variable Unit?	N	N	N
GTIN of Base Unit	9312345678907	9312345678907	
Number of Base Units	200	20	
Child GTIN	9312345678914	9312345678907	
Child Quantity	10	20	
Units per Package	10	20	1
Net Content	10	20	1
Net Content UOM	EA	EA	EA
Selling UOM			EA



GTIN	29312345678918	9312345678914
Brand Name	John's	John's
Functional Name	Wood Screws	Wood Screws
Trade Item Description	John's Self Drilling Galvanised Wood Screws - 500 Piece X 10	John's Self Drilling Galvanised Wood Screws - 500 Piece
Trade Item Hierarchy Level	CASE	BASE_UNIT_OR_EACH
Is Trade Item the Lowest Level of the Hierarchy?	N	Y
Is Trade Item a Consumer Unit?	N	Y
Is Trade Item a Despatch Unit?	Y	N
Is Trade Item an Invoice Unit?	Y	N
Is Trade Item an Orderable Unit?	Y	N
Is Trade Item a Variable Unit?	N	N
GTIN of Base Unit	9312345678914	
Number of Base Units	10	
Child GTIN	9312345678914	
Child Quantity	10	
Units per Package	10	1
Net Content	10	500
Net Content UOM	EA	EA
Selling UOM		

### Pallet Example



GTIN	39312345678905
Brand Name	John's
Functional Name	Special Bolt 25mm
Trade Item Description	John's Special Bolt 25mm 50 X 20 X 10
Trade Item Hierarchy Level	PALLET
Is Trade Item the Lowest Level of the Hierarchy?	N
Is Trade Item a Consumer Unit?	N
Is Trade Item a Despatch Unit?	Y
Is Trade Item an Invoice Unit?	Y
Is Trade Item an Orderable Unit?	Y
Is Trade Item a Variable Unit?	N
GTIN of Base Unit	9312345678907
Number of Base Units	10000
Child GTIN	29312345678901
Child Quantity	50
Units per Package	50
Net Content	
Net Content UOM	
Selling UOM	
Product Width	1165
Product Width UOM	MM
Product Height	1650
Product Height UOM	MM
Product Depth	1165
Product Depth UOM	MM
Product Net Weight	100
Product Net Weight UOM	KG
Product Gross Weight	152
Product Gross Weight UOM	KG

includes height of pallet

Ex packaging and pallet weight

Inc packaging and pallet weight

Quantity of Trade Items per Pallet	50
Quantity of Layers per Pallet	5
Number of Trade Items Contained per Pallet Layer	10
Base Units per Pallet	10000
Pallet Width (MM)	1165
Pallet Height (MM)	1650
Pallet Depth (MM)	1165
Pallet Volume (M3)	2.24
Pallet Net Weight (KG)	102
Pallet Gross Weight (KG)	152

Implied UOM for Pallet fields

## Hazardous and Dangerous Material



Field Name	Value (Repeat 1)	Value (Repeat 2)
dangerousGoodsRegulationCode	n/s	n/s
classOfDangerousGoods	3	1.4
dangerousGoodsPackingGroup	II	II
unitedNationsDangerousGoodsNumber	1219	1219
dangerousGoodsHazardousCode	2[Y]E	2[Y]E
dangerousGoodsAMarginNumber	n/s	n/s
dangerousGoodsShippingName	n/s	n/s
dangerousGoodsTechnicalName	n/s	n/s
flashPointTemperature		
flashPointTemperature UOM		

## International Maritime Dangerous Goods



Field Name	Value (Repeat 3)	
dangerousGoodsRegulationCode	IMD	
classOfDangerousGoods	3	
dangerousGoodsPackingGroup	II	
unitedNationsDangerousGoodsNumber	1219	
dangerousGoodsHazardousCode	2[Y]E	
dangerousGoodsAMarginNumber	n/s	
dangerousGoodsShippingName	n/s	
dangerousGoodsTechnicalName	n/s	
flashPointTemperature		
flashPointTemperature UOM		



Invoice Price with Brackets



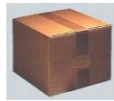
GTIN	S	29312345678901
Brand Name	S	John's
Functional Name	S	Special Bolt 25mm
Trade Item Description	S	John's Special Bolt 25mm X 20 X 10
Trade Item Hierarchy Level	S	CASE
Is Trade Item the Lowest Level of the Hierarchy?	S	N
Is Trade Item a Consumer Unit?	S	N
Is Trade Item a Despatch Unit?	S	Y
Is Trade Item an Invoice Unit?	S	Y
Is Trade Item an Orderable Unit?	S	Y
Is Trade Item a Variable Unit?	S	N
GTIN of Base Unit	R	19312345678905
Number of Base Units	R	200
Child GTIN	R	19312345678909
Child Quantity	R	10
Units per Package	R	10

Relationship ID	S	XYZ124
GLN of Recipient	S	9312345123489
GTIN	S	29312345678901
Price Type ID	S	A11
Price Type	S	TRANSACTION_PRICE
Price Type Name	R	
Price Application Sequence	S	1
Price Basis Quantity	S	1
Price Basis Quantity / UOM	S	EA
Price Value	S	29.72
Price Value Type	S	VALUE
Effective Start Date	S	21/07/2008
Effective Start Date Context	S	FIRST_ORDER_DATE
Effective End Date	R	
Effective End Date Context	R	
Distribution Method	S	DC
Alternate Location Grouping	R	
Reason for Price Action	S	NI
Target Price ID	R	
Target Market Subdivision	N	AU-VIC
Ship To	N	
Reference Document ID	N	
Reference Document Description	N	
Bracket Range Qualifier	N	MEASUREMENT_RANGE
Bracket Tier Minimum	N	1
Bracket Tier Maximum	N	19
Bracket Tier Minimum / UOM	N	EA
Bracket Tier Maximum / UOM	N	EA
Bracket Operator	N	

XYZ124
9312345123489
29312345678901
A12
TRANSACTION_PRICE
1
1
EA
28.00
VALUE
21/07/2008
FIRST_ORDER_DATE
DC
NI
AU-VIC
MEASUREMENT_RANGE
20
49
EA
EA

XYZ124
9312345123489
29312345678901
A13
TRANSACTION_PRICE
1
1
EA
27.00
VALUE
21/07/2008
FIRST_ORDER_DATE
DC
NI
AU-VIC
MEASUREMENT_RANGE
50
EA

Simple Price example with Charges



GTIN	S	9312345543254
Brand Name	S	John's
Functional Name	S	Special Bolt 25mm
Trade Item Description	S	John's Special Bolt 25mm X 20 X 10
Trade Item Hierarchy Level	S	CASE
Is Trade Item the Lowest Level of the Hierarchy?	S	N
Is Trade Item a Consumer Unit?	S	N
Is Trade Item a Despatch Unit?	S	Y
Is Trade Item an Invoice Unit?	S	Y
Is Trade Item an Orderable Unit?	S	Y
Is Trade Item a Variable Unit?	S	N
GTIN of Base Unit	R	
Number of Base Units	R	200
Child GTIN	R	
Child Quantity	R	10
Units per Package	R	10

Relationship ID	S	XYZ124	XYZ124	XYZ124	XYZ124	XYZ124	XYZ124
GLN of Recipient	S	9312345123489	9312345123489	9312345123489	9312345123489	9312345123489	9312345123489
GTIN	S	9312345543254	9312345543254	9312345543254	9312345543254	9312345543254	9312345543254
Price Type ID	S	A1	A2	A3	A4	A5	A6
Price Type	S	LIST_PRICE	CHARGE	CHARGE	LIST_PRICE	CHARGE	CHARGE
Price Type Name	R		WAREHOUSE	TRANSPORT		WAREHOUSE	TRANSPORT
Price Application Sequence	S	1	2	2	1	2	2
Price Basis Quantity	S	1	1	1	1	1	1
Price Basis Quantity / UOM	S	EA	EA	EA	EA	EA	EA
Price Value	S	34.96	5	2.5	34.96	6	3.5
Price Value Type	S	VALUE	PERCENT	PERCENT	VALUE	PERCENT	PERCENT
Effective Start Date	S	21/07/2008	21/07/2008	21/07/2008	21/07/2008	21/07/2008	21/07/2008
Effective Start Date Context	S	FIRST_ORDER_DATE	FIRST_ORDER_DATE	FIRST_ORDER_DATE	FIRST_ORDER_DATE	FIRST_ORDER_DATE	FIRST_ORDER_DATE
Effective End Date	R						
Effective End Date Context	R						
Distribution Method	S	DC	DC	DC	DC	DC	DC
Alternate Location Grouping	R						
Reason for Price Action	S	NI	NI	NI	NI	NI	NI
Target Price ID	R		A1	A1		A4	A4
Target Market Subdivision	N	AU-VIC	AU-VIC	AU-VIC	AU-NSW	AU-NSW	AU-NSW
Ship To	N						
Reference Document ID	N						
Reference Document Description	N						
Bracket Range Qualifier	N						
Bracket Tier Minimum	N						
Bracket Tier Maximum	N						
Bracket Tier Minimum / UOM	N						
Bracket Tier Maximum / UOM	N						
Bracket Operator	N						

