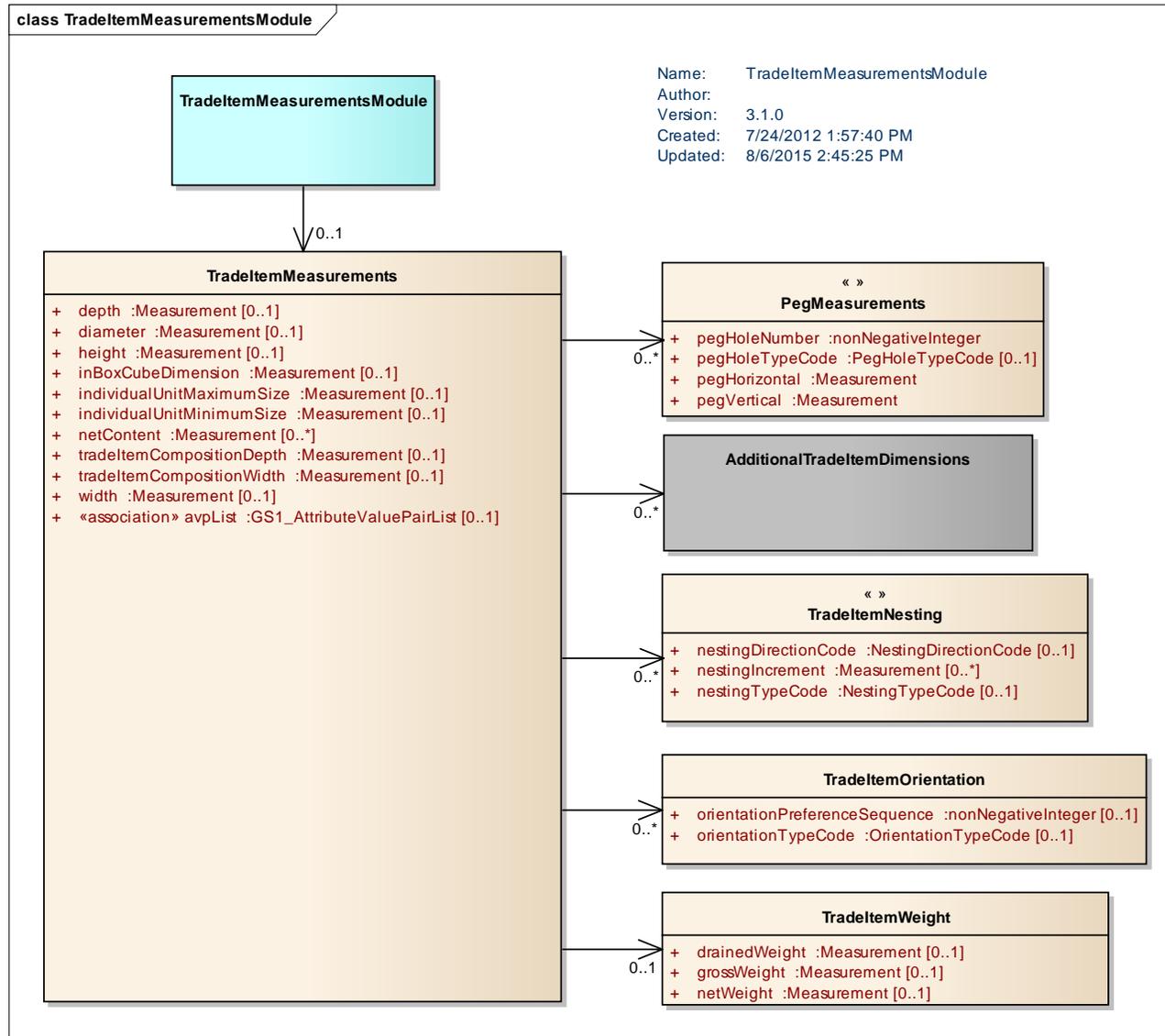
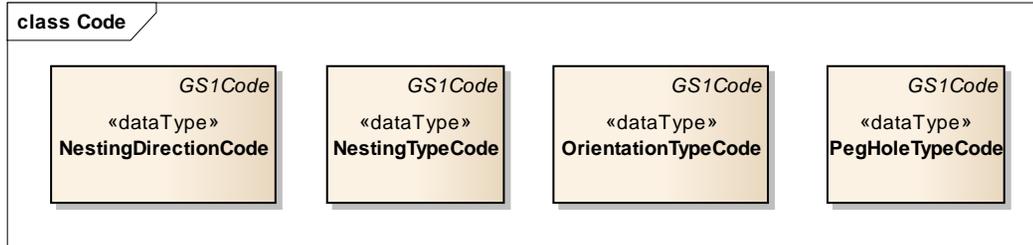


## 5.63. Trade Item Measurements Module





**Note:** Common class (in grey) is located in the GDSN Common Library.



content	attribute / role	datatype /secondary class	multiplicity	definition
TradeItemMeasurements				Measurement information for the trade item.
Association		AdditionalTradeItemDimensions	0..*	Measurements for a trade item including dimensions.
Association		TradeItemOrientation	0..*	Orientation information for a trade item.
Association		TradeItemWeight	0..1	Details on weight for a trade item.
Association		TradeItemNesting	0..*	Details on how trade items nest with each other for the purpose of measurements.
Association		PegMeasurements	0..*	This class enables the description of multiple peg holes and their locations for a trade item.
Association	avpList	GS1_AttributeValuePairList	0..1	Attribute value pair information.
Attribute	depth	Measurement	0..1	The depth of the trade item, as measured according to the GS1 Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.
Attribute	diameter	Measurement	0..1	The measurement of the diameter of the trade item at its largest point. For example, 165 "mmt", value - mmt, diameter. Has to be associated with valid UoM.



content	attribute / role	datatype /secondary class	multiplicity	definition
Attribute	height	Measurement	0..1	The height of the trade item, as measured according to the GS1 Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.
Attribute	inBoxCubeDimension	Measurement	0..1	The dimensions of an imaginary cube which can be drawn around the trade item as defined in the formula of H X W X D (The linear dimensions multiplied to get a cubic result). This only applies to In-box dimensions. Level of Hierarchy applied to- All. Example- Bag of cabbage, Bag of Flour, Broom, Ham, or Case of Beer.
Attribute	individualUnitMaximumSize	Measurement	0..1	Maximum size of the individual unit inside the lowest level of packaging.
Attribute	individualUnitMinimumSize	Measurement	0..1	Minimum size of the individual unit inside the lowest level of packaging.
Attribute	netContent	Measurement	0..*	The amount of the trade item contained by a package, usually as claimed on the label. For example, Water 750ml - net content = "750 MLT" ; 20 count pack of diapers, net content = "20 ea.". In case of multi-pack, indicates the net content of the total trade item. For fixed value trade items use the value claimed on the package, to avoid variable fill rate issue that arises with some trade item which are sold by volume or weight, and whose actual content may vary slightly from batch to batch. In case of variable quantity trade items, indicates the average quantity.
Attribute	tradeItemCompositionDepth	Measurement	0..1	The number of child-items that are packaged from front to back in a trade unit. This information is used in the space process, especially when allocating whole Trade Units (intermediate) into the shelf.
Attribute	tradeItemCompositionWidth	Measurement	0..1	The number of child-items that are packaged beside each other in a trade unit (on the side facing the consumer). This information is used in the space process, especially when allocating whole Trade Units (intermediate) into the shelf. The Space Manager always allocates Base Units in the shelf. Usually there are no pictures of Trade Units available and for Hypermarkets/Big Supermarkets there is a need to allocate whole trade units into the shelves.
Attribute	width	Measurement	0..1	The width of the trade item, as measured according to the GS1 Package Measurement Rules. If the trade item is a unit load, include the shipping platform unless it is excluded according to the Platform Type Code chosen.



content	attribute / role	datatype /secondary class	multiplicity	definition
TradeItemMeasurementsModule				A module containing measurement information for the trade item.
Association		TradeItemMeasurements	0..1	A module containing measurement information for the trade item.
TradeItemOrientation				Depicts one or many suggested orientations for the trade item for the purpose of display.
Attribute	orientationPreferenceSequence	nonNegativeInteger	0..1	Depicts the preferred sequence of orientation used to communicate the manufacturers relative preferences of orientation.
Attribute	orientationTypeCode	OrientationtypeCode	0..1	Depicts via code a display orientation for a trade item.
PegMeasurements				This class enables the description of multiple peg holes and their locations for a trade item.
Attribute	pegHoleNumber	nonNegativeInteger	1..1	Used to indicate the peg hole numbers when more than one hole is present in the product or packaging. Peg holes should be numbered from the upper left corner of the front of the package to the bottom right corner.
Attribute	pegHoleTypeCode	PegHoleTypeCode	0..1	A code depicting the type and shape of the peg hole used for the packaging.
Attribute	pegHorizontal	Measurement	1..1	Used to indicate the horizontal distance from the left edge of the trade item to the center of the hole into which the peg is inserted when the trade item is displayed on a pegboard. Example: "2 INH." Required if the trade item is displayed on a peg board.
Attribute	pegVertical	Measurement	1..1	Used to indicate the vertical distance of a peg hole measured from the bottom edge of the trade item to the top of the peg hole. Peg holes are inserted when the trade item is displayed on a pegboard. Example: "2 INH." Information is required if the trade item is displayed on a peg board.
TradeItemNesting				Details on how trade items nest with each other for the purpose of measurements.
Attribute	nestingDirectionCode	NestingDirectionCode	0..1	Depicts the arrangement of two items that nest together specifically whether they nest against each other or on top of each other.



content	attribute / role	datatype /secondary class	multiplicity	definition
Attribute	nestingIncrement	Measurement	0..*	Indicates the incremental height of Trade Items nested together. In the case of two garbage cans nested together, this would be the height between the lip of the lower can and the lip on the upper can.
Attribute	nestingTypeCode	NestingTypeCode	0..1	Depicts whether a nested item fits inside or over the other item in a nesting relationship.
TradeItemWeight				Information on the weight of a trade item.
Attribute	drainedWeight	Measurement	0..1	The weight of the trade item when drained of its liquid. For examples 225 "grm", Jar of pickles in vinegar. Applies to defined bricks of GCI Global trade item Classification - Mainly food trade item. Has to be associated with a valid UoM.
Attribute	grossWeight	Measurement	0..1	Used to identify the gross weight of the trade item. The gross weight includes all packaging materials of the trade item. At pallet level the trade item, grossWeight includes the weight of the pallet itself. For example, "200 GRM", value - total pounds, total grams, etc. Has to be associated with a valid UOM.
Attribute	netWeight	Measurement	0..1	Used to identify the net weight of the trade item. Net weight excludes any packaging materials and applies to all levels but consumer unit level. For consumer unit, Net Content replaces Net Weight (can then be weight, size, volume). Has to be associated with a valid UoM.