

Properties of Part 01366513 - Collar, float 7 M45AP HCQ125 NR HYDL 513 32.0, A
(Engineering)

Part Number	01366513	Name	Collar, float 7 M45AP HCQ125 NR HYDL 513 32.0
Primary Legacy Number	M45AP70H513H12A0 01	Version	A.2
Secondary Legacy Number		Is Prime	Not Set
Type	Inseparable	Source	Make
Described By	Document Number	Version	
	D000401284	A.1	
Reference Document	Number	Name	
	D000178438	Specification, Product marking and ID 99100005	
	D000178471	Specification, FE and Stage Tool Painting 99100006.doc	
	D000178482	Specification, Product Crating and Packaging 99100007.doc	
	D000178463	Specification, Cementing and Inspection of FE 99100003.doc	
	D000184209	Mid Bore Equipment Checklist 99100157	
	D000179670	Specification, Mid Bore Flapper Installation 99100107.doc	
	D000181081	Specification, Large Bore tube & Ball Kit INSTALL 99100105	
	D000375702	Specification, Nexen Float Equipment Requirements 99100320	
Classification	Weatherford/Cementing/Float equipment/Float collar		



Attribute	Value	Attribute	Value
ACTIVATION METHOD	ball retained/flow activated	ACTIVATION RATING	5-8 bpm (500-700 psi)
BACK PRESSURE RATING	5000. psi	BALL DIAMETER	2.000 in
BODY DIAMETER	7.055 in	BUMP PRESSURE RATING	6800. psi
CASING SIZE	7.000 in	CASING SIZE FRACTIONAL	7
CASING WEIGHT MAXIMUM	32.0 lbs-mass/ft	CASING WEIGHT MINIMUM	32.0 lbs-mass/ft
CONNECTION DOWN NAME	HYDL 513	CONNECTION DOWN SIZE	7.000 in
CONNECTION DOWN TYPE	pin	CONNECTION DOWN WEIGHT	32.0 lbs-mass/ft
CONNECTION UP NAME	HYDL 513	CONNECTION UP SIZE	7.000 in
CONNECTION UP TYPE	box	CONNECTION UP WEIGHT	32.0 lbs-mass/ft
DRIFT DIAMETER	6.000 in	DRILLOUT DIAMETER	6.020 in
GENERIC DESCRIPTION (NODE SUB-GROUP)	Float collar	LANDING SURFACE	Wiperlok plate
LONG DESCRIPTION	Collar, float 7 M45AP double mid bore aluminum flapper valve NR HCQ125 HYDL 513 32.0 w/ AFU tube, 2.000" ball retained, Nexen FE Requirements PDC drillable	MATERIAL GRADE	HCQ125
MAXIMUM TEMPERATURE RATING	400.000 degF	MINIMUM FLOW AREA	4.4300 in**2
MODEL DESIGNATION	M45AP	PDC DRILLABILITY	PDC drillable
PRODUCT BURST RATING	14160. psi	PRODUCT COLLAPSE RATING	11710. psi
QUALITY LEVEL	Nexen FE Requirements	SHEAR SCREW QUANTITY	4
SHEAR SCREW TYPE	1/4-20UNC x 1/2 brass	TENSILE RATING	801000. lbf
TYPE	aluminum flapper	VALVE CONFIGURATION	double
VALVE TYPE	mid bore		

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