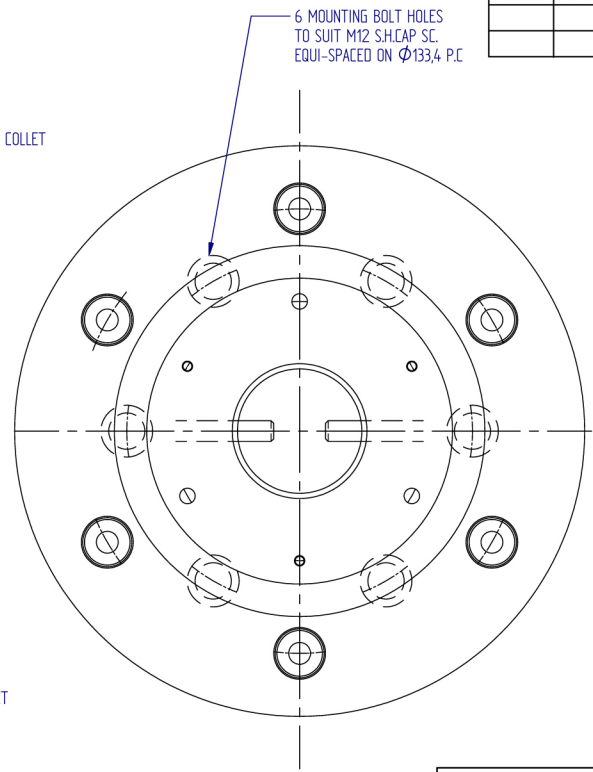
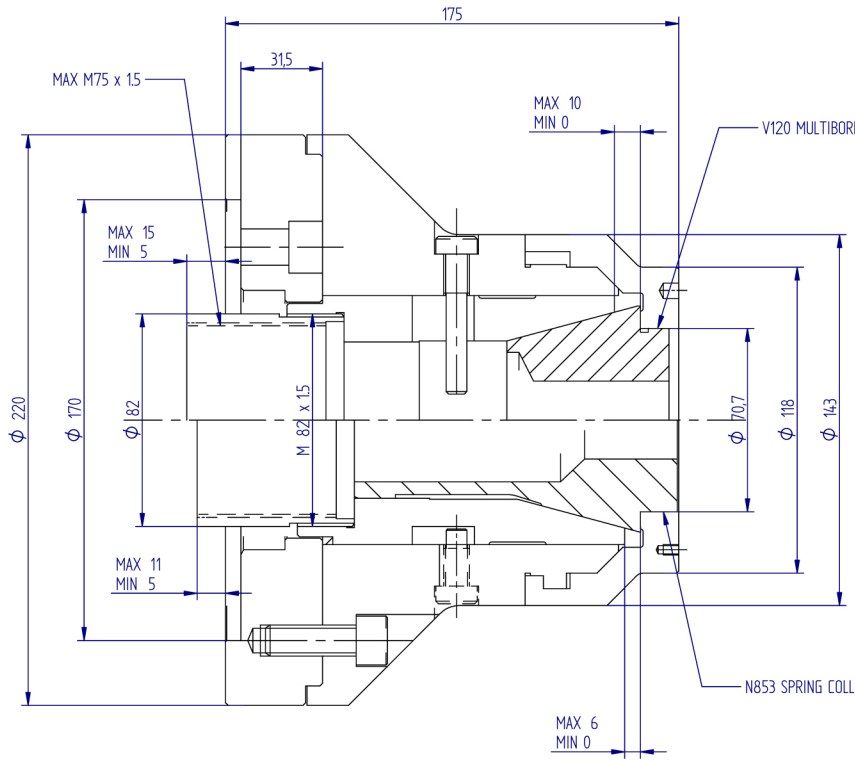


ISSUE	DATE



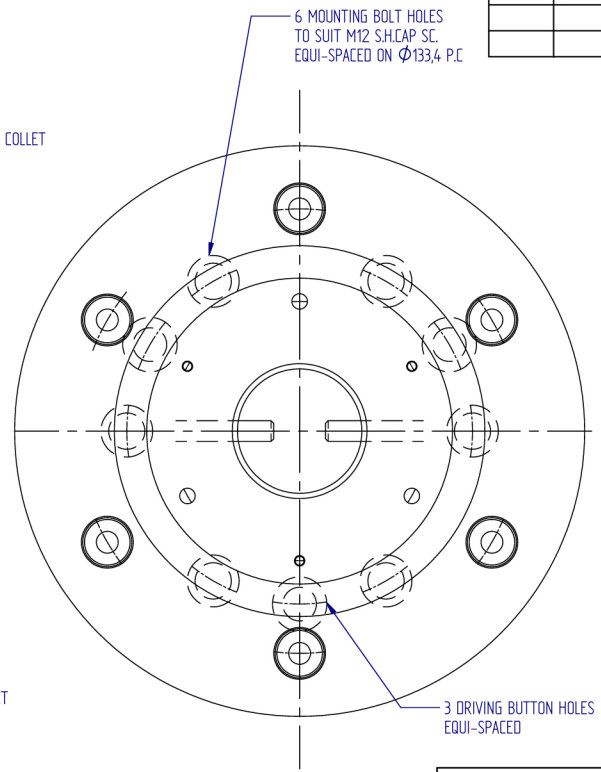
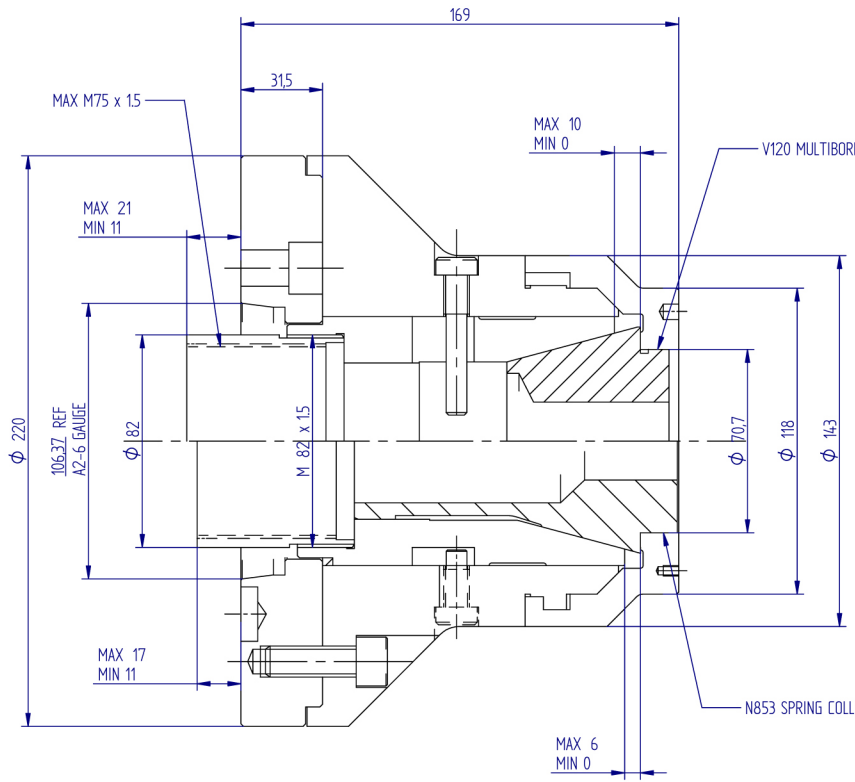
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MACHINING TOLERANCES						
RANGE AS SPECIFIED	NOMINAL DIMENSION					
	≤ 0.5 ... 3	> 3 ... 6	> 6 ... 30	> 30 ... 120	> 120 ... 400	> 400 ... 1000
	ALL DIMENSION IN mm					
FINE	0.05	0.05	0.1	0.15	0.2	0.3
MEDIUM	0.1	0.1	0.2	0.3	0.5	0.8
COARSE	0.2	0.3	0.5	0.8	1.2	2
VERY COARSE		0.5	1	1.5	2	3

DRAWN	DPB
DATE	05/06/04
SCALE	
CHECK	

TITLE
 KITAGAWA QCRL54-170-DIA.
 QUICK CHANGE COLLET CHUCK
 TO SUIT V120 & N853
 COLLETS
DRAWING NO.
 QCRL54-170

ISSUE	DATE



KITAGAWA EUROPE LTD.

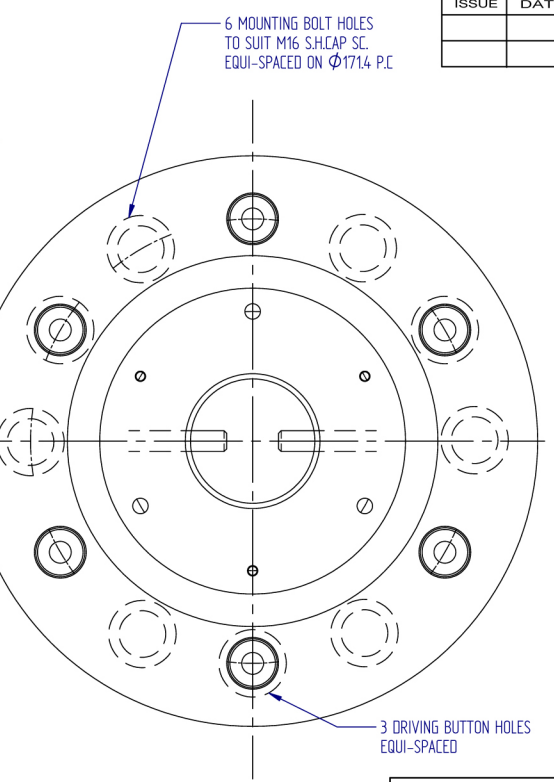
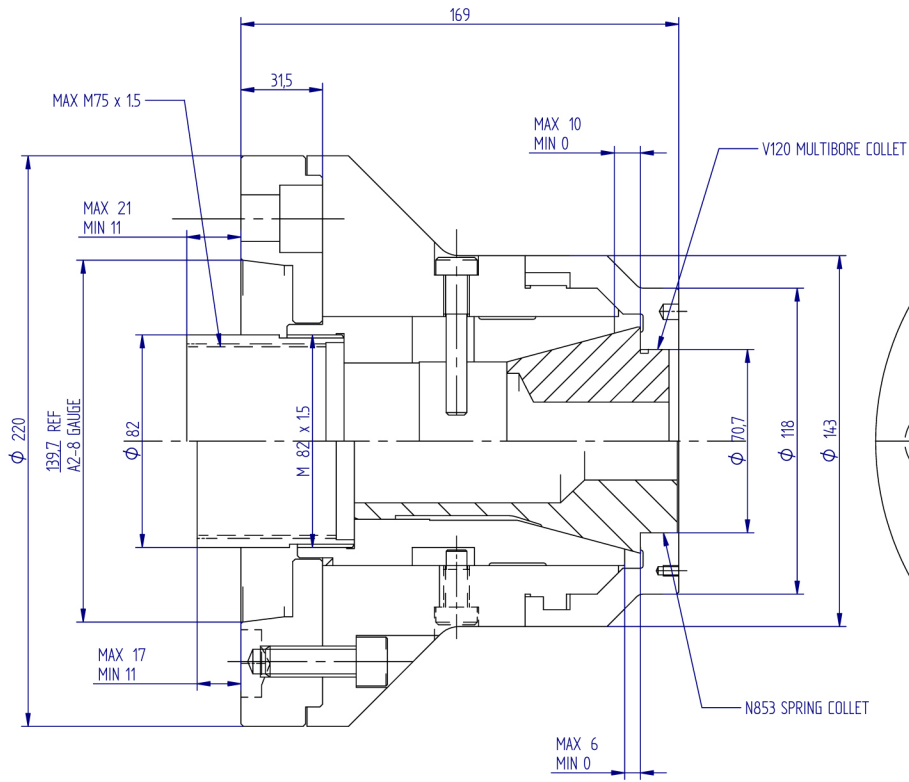
RANGE AS SPECIFIED	MACHINING TOLERANCES							
	NOMINAL DIMENSION							
	≤ 0.5 ... 3	> 3 ... 6	> 6 ... 30	> 30 ... 120	> 120 ... 400	> 400 ... 1000	> 1000 ... 2000	
	ALL DIMENSION IN mm							
FINE	0.05	0.05	0.1	0.15	0.2	0.3	0.5	
MEDIUM	0.1	0.1	0.2	0.3	0.5	0.8	1.2	
COARSE	0.2	0.3	0.5	0.8	1.2	2	3	
VERY COARSE		0.5	1	1.5	2	3	4	

DRAWN	DPB
DATE	05/06/04
SCALE	
CHECK	

TITLE
 KITAGAWA QCR154-A6-DIA.
 QUICK CHANGE COLLET CHUCK
 TO SUIT V120 & N853
 COLLETS

DRAWING NO.
 QCR154-A6

ISSUE	DATE



KITAGAWA EUROPE LTD.

RANGE AS SPECIFIED	MACHINING TOLERANCES							
	NOMINAL DIMENSION							
	≤ 0.5 ... 3	> 3 ... 6	> 6 ... 30	> 30 ... 120	> 120 ... 400	> 400 ... 1000	> 1000 ... 2000	
FINE	0.05	0.05	0.1	0.15	0.2	0.3	0.5	
MEDIUM	0.1	0.1	0.2	0.3	0.5	0.8	1.2	
COARSE	0.2	0.3	0.5	0.8	1.2	2	3	
VERY COARSE		0.5	1	1.5	2	3	4	

DRAWN	DPB
DATE	05/06/04
SCALE	
CHECK	

TITLE
 KITAGAWA QCRL54-A8-DIA.
 QUICK CHANGE COLLET CHUCK
 TO SUIT V120 & N853
 COLLETS
DRAWING NO.
 QCRL54-A8