



RUSSTECH PART NUMBER	L	L1	RELEASE FORCE	COLOR SLEEVE		D	D1	REPLACEMENT PROBE PART NO.	
				C	C1				
RTCRT-24	.30	.47	3 to 4 lb	GREEN	YELLOW	.100	.016	RTCRT-24P1	
RTCRT-23SL	.55	.47	3 to 4 lb	BLUE	GREEN	.100	.022	RTCRT-23SLP1	
RTCRT-22-5.0	.30	.47	5.0 ± .5lb	GREEN	BLACK	.100	.024	RTCRT-22P1	K5300 KIT NASA
RTCRT-22	.30	.47	4 to 5 lb	GREEN	BLACK	.100	.024	RTCRT-22P1	
RTCRT-22L	.55	.47	4 to 5 lb	GREEN	BLACK	.100	.024	RTCRT-22LP1	
RTCRT-22RP	.48	.65	4 to 5 lb	GREEN	GREEN	.057 -.053	.024	RTCRT-22RPP1	
RTCRT-22P4	.87	.75	4 to 5 lb	GREEN	BLACK	.100	.024	RTCRT-22P4P1	MIL-C-38999 SERIES 4 ONLY
RTCRT-22R4	.55	.47	4 to 5 lb	GREEN	BLACK	.100	.024	RTCRT-22R4P1	
RTCRT-20-6.0	.40	.69	6.0 ± .5 lb	RED	BLACK	.100	.035	RTCRT-20P1	K5300 KIT NASA
RTCRT-20	.40	.69	5 to 6.5 lb	RED	BLACK	.100	.035	RTCRT-20P1	
RTCRT-20L	.87	.75	5 to 6.5 lb	RED	RED	.100	.035	RTCRT-20LP1	
RTCRT-20S	.30	.47	5 to 6.5 lb	RED	BLACK	.100	.035	RTCRT-20SP1	
RTCRT-20RP	.48	.65	5 to 6.5 lb	RED	RED	.057 -.053	.035	RTCRT-20RPP1	
RTCRT-20P4	.87	.75	5 to 6.5 lb	RED	BLACK	.100	.035	RTCRT-20P4P1	MIL-C-38999 SERIES 4 ONLY
RTCRT-20R4	.55	.47	5 to 6.5 lb	RED	BLACK	.100	.035	RTCRT-20R4P1	
RTCRT-16-9.0	.39	.69	9.0 ± 1lb	BLUE	BLACK	.125	.046	RTCRT-16P1	K5300 KIT NASA
RTCRT-16	.39	.69	5 to 6.5 lb	BLUE	BLACK	.125	.046	RTCRT-16P1	
RTCRT-16L	.60	.90	5 to 6.5 lb	BLUE	BLUE	.125	.046	RTCRT-16LP1	
RTCRT-16S	.30	.47	5 to 6.5 lb	BLUE	BLACK	.125	.046	RTCRT-16SP1	
RTCRT-16P4	.87	.75	5 to 6.5 lb	BLUE	BLACK	.125	.046	RTCRT-16P4P1	MIL-C-38999 SERIES 4 ONLY
RTCRT-16R4	.55	.47	5 to 6.5 lb	BLUE	BLACK	.125	.046	RTCRT-16R4P1	
RTCRT-12-11.0	.39	.80	11.0 ± 1lb	YELLOW	BLACK	.150	.078	RTCRT-12P1	K5300 KIT NASA
RTCRT-12	.39	.80	5 to 7 lb	YELLOW	BLACK	.150	.078	RTCRT-12P1	
RTCRT-12L	.65	1.15	5 to 7 lb	YELLOW	YELLOW	.150	.078	RTCRT-12LP1	
RTCRT-12S	.30	.48	5 to 7 lb	YELLOW	BLACK	.150	.078	RTCRT-12SP1	
RTCRT-12P4	.87	.75	5 to 7 lb	YELLOW	BLACK	.150	.078	RTCRT-12P4P1	MIL-C-38999 SERIES 4 ONLY
RTCRT-12R4	.55	.48	5 to 7 lb	YELLOW	BLACK	.150	.078	RTCRT-12R4P1	

**NOTES**

- THIS DRAWING REPLACES RC11371 REVISION 4 & RC11371 REVISION 13
- FOR SPECIAL RELEASE FORCE SETTINGS NOT SHOWN ADD NOMINAL IN LBS FOLLOWING PART NO. EXAMPLE: RTCRT-22-3.0  
(RELEASE FORCE ± .5 LBS.)
- CUSTOM RELEASE FORCE TOOLS WILL HAVE TOLERANCE RANGE AS FOLLOWS:  
1.5 TO 7.0 ± .5 lb  
7.5 to 12.0 ± 1 lb

REV.	CHANGES	DATE	BY
1	ADDED NOTE 4	08/29/1989	DF
2	CHG'D "L" DIM. FROM .45 TO .30 ON RTCRT-20 ORIG DIM. TOO LONG FOR MOST CONNECTORS	11/11/1991	DF
3	CH'D WING REF DIM FROM 1.35 TO 1.45	09/27/1995	DF
4	ADD'D -20RP TOOL	12/09/1997	DF
5	CHG'D WING & OVERALL DIM TO REFERENCE DIM	01/13/2000	DF
6	CORRECTED -22RP AND -20RP (D) DIMS	09/29/2004	DF
7	ADD'D -23SL TOOL	10/09/20007	DF
8	ADD'D -24 TOOL	08/19/2009	DF
9	CHD'G -20 "L" TO .40	04/10/2011	DF
10	CORRECTED L & L1 DIM -16P4 (TYPO)	09/19/2011	DF
11	REDRAWN TO INCLUDED THE K5300N/NASA TOOLS	02/27/2015	DF

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**TOLERANCES (UNLESS NOTED)**  
DECIMALS:  
XX± .02  
XXX± .005  
ANGLES: ± 2°  
CONCENTRICITY  
SAME AS ABOVE

SCALE:  
NONE

DRAWN BY  
DON FIEBERG  
05-23-1989

CONTACT RETENTION  
TEST TOOL

PART NO. RTCRT- ()()

DRAWING NO. **RC11283-S** REV. **11**

CAGE CODE 1EG24