



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

CONFIDENTIAL INFORMATION. THIS DOCUMENT AND CONTAINED INFORMATION ARE THE PROPERTY OF RUSSTECH ENGINEERING COMPANY, INC. THE RECIPIENT, BY RECEIPT AND RETENTION HEREOF, ACKNOWLEDGES THAT THE INFORMATION RECEIVED IS CONFIDENTIAL, DEVELOPED OVER TIME AT SIGNIFICANT EXPENSE, AND THAT DISCLOSURE THEREOF TO THIRD PARTIES WILL CAUSE IRREPARABLE HARM TO RUSSTECH. THE RECIPIENT, BY THE RECEIPT AND RETENTION OF SUCH INFORMATION, AGREES TO MAINTAIN SUCH INFORMATION IN CONFIDENCE, TO NOT DISCLOSE IT TO THIRD PARTIES, AND TO RETURN IT, AND ALL COPIES OR DERIVATIVES THEREOF, IN ANY FORM, TO RUSSTECH, UPON REQUEST.

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