CHERRY E-Z BUCK® RIVET

SOLID TITANIUM ALLOY SHEAR PIN

CHERRY®
AEROSPACE
SPS Fastener Division, a PCC Company

CONTENTS

LIMITED WARRANTY

Seller warrants the goods conform to applicable specifications and drawings and will be manufactured and inspected according to generally accepted practices of companies manufacturing industrial or aerospace fasteners. In the event of any breach of the foregoing warranty, Buyer's sole remedy shall be to return defective goods (after receiving authorization from Seller) for replacement or refund of the purchase price, at the Seller's option. Seller agrees to any freight costs in connection with the return of any defective goods, but any costs relating to removal of the defective or nonconforming goods or installation of replacement goods shall be Buyer's responsibility. SELLER'S WARRANTY DOES NOT APPLY WHEN ANY PHYSICAL OR CHEMICAL CHANGE IN THE FORM OF THE PRODUCT IS MADE BY BUYER. THE FOREGOING EXPRESS WARRANTY AND REMEDY ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES; ANY IMPLIED WARRANTY AS TO QUALITY, FITNESS FOR PURPOSE, OR MERCHANTABILITY IS HEREBY SPECIFICALLY DISCLAIMED AND EXCLUDED BY SELLER. This warranty is void if seller is not notified in writing of any rejection of the goods within one (1) Year after initial use by buyer of any power Riveter or ninety (90) days after initial use of any other product. Seller shall not be liable under any circumstances for incidental, special or consequential damages arising in whole or in part from any breach by Seller, AND SUCH INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES ARE HEREBY EXPRESSLY EXCLUDED.

Our policy is one of continuous development. Specifications shown in this document may be subject to changes introduced after publication.

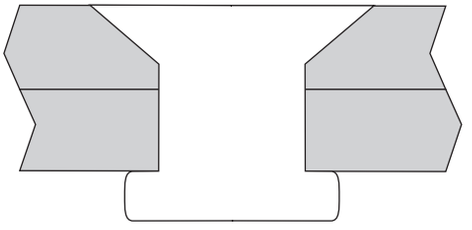
NOTE

The properties, strengths, dimensions, installed characteristics and all other information in this catalog is for guidance only to aid in the correct selection of the products described herein and is not intended or implied as part of the warranty. All applications should be evaluated for functional suitability and available samples of the described parts can be requested for installed tests, suitability and evaluations.

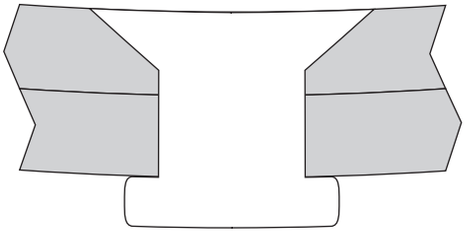
CHERRY E-Z BUCK® RIVET

FEATURES & BENEFITS

A SOLID MONOMETAL RIVET, COMPLEMENTARY TO THE BIMETALLIC CHERRYBUCK®



E-Z Buck Titanium/Columbium Rivet
No Sheet Deformation



Typical Monel Rivet Installation
Extensive Sheet Buckling in Thin Sheets

Ductility— Reduced upsetting force compared to monel or A-286.

Weight Saving— Low density Titanium/Columbium Alloy provides weight savings of 33% compared to monel and 26% compared to A-286 CRES.

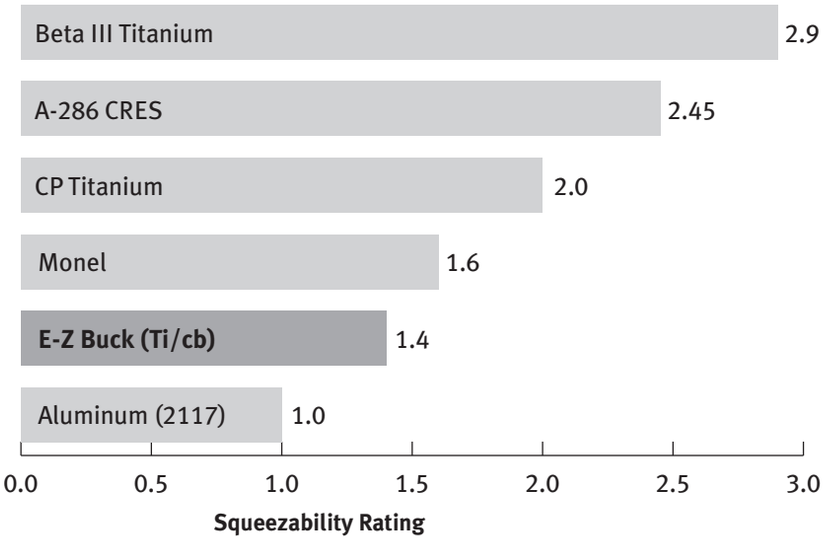
Minimum Structural Distortion — Excellent ductility reduces oil canning and bell mouth distortion.

High Temperature Capability— Titanium/Columbium Alloy retains 60% of room temperature strength at 550°F. Maximum temperature is 800°F.

Galvanic Compatibility— Titanium/Columbium Alloy performs well in graphite epoxy applications as well as most aluminum. Anodized aluminum may require a secondary barrier.

DUCTILITY

Ductility Comparison of Rivet Materials



STRENGTH

Nominal Diameter	Minimum Single Shear Strength (Lbs.)	Ultimate Shear Strength (Lbs.)		
		Countersunk		Universal
		CSR904B NAS1097	CSR902B NASM20426	CSR903B NASM20470
-3 (3/32)	362	250	385	385
-4 (1/8)	648	375	620	620
-5 (5/32)	993	665	1050	1050
-6 (3/16)	1430	960	1510	1510

ALLOWABLES

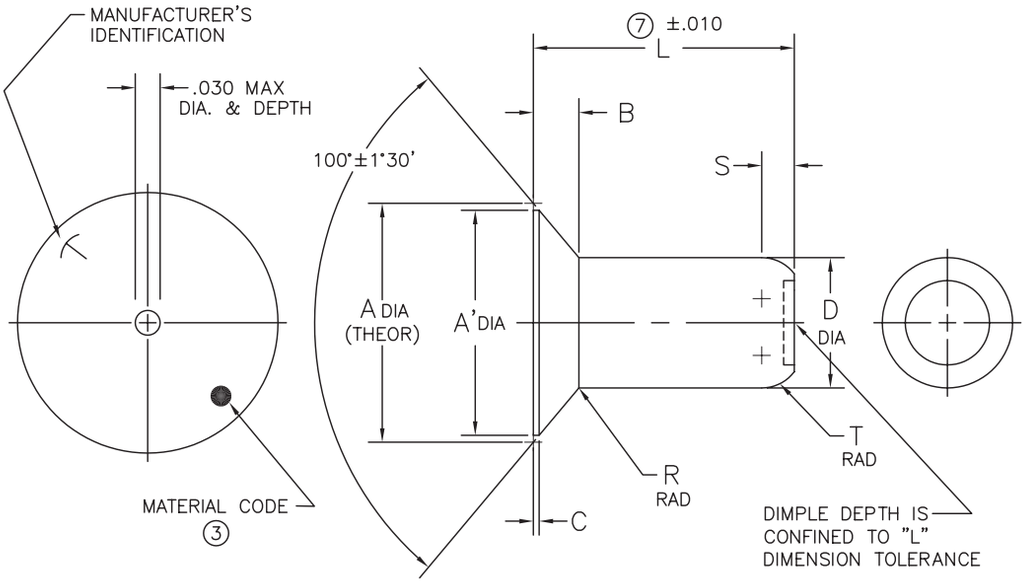
Shear strength of solid rivets, Lbs.(1) Table 8.1.2(b) of MMPDS-02. Values are for the as driven condition.

Rivet Material	Shear Strength	Material Code	Rivet Diameter in inches			
			3/32	1/8	5/32	3/16
5056 F_{su}	=28ksi(1)	B	203	363	556	802
2117-T3 F_{su}	=30ksi(1)	AD	217	389	596	860
2017-T3 F_{su}	=38ksi(1)	D	275	493	755	1085
2024-T31 F_{su}	=41ksi(1)	DD	297	532	814	1175
7050-T731 F_{su}	=43ksi(1)	E, KE	311	558	854	1230
Monel F_{su}	=52ksi(1)	M	376	674	1030	1490
Ti/Cb F_{su}	=53ksi(1)	T	384	687	1050	1515

(1) Based on nominal hole diameter specified in Table 8.1.2(a) of MMPDS-02.

CHERRY E-Z BUCK® RIVET

CSR902B 100° FLUSH HEAD



Diameter Dash No.	A ±.004	A' MIN	B REF	C MAX	D +.003 –.001	R ±.005	S ±.010	T ±.010
-3	.179	.165	.036	.006	.094	.010	.023	.029
-4	.225	.207	.042	.008	.125	.015	.031	.039
-5	.286	.263	.055	.010	.156	.020	.039	.049
-6	.353	.330	.070	.010	.187	.025	.047	.059

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D" diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed dot identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.

⑦ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR902B -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

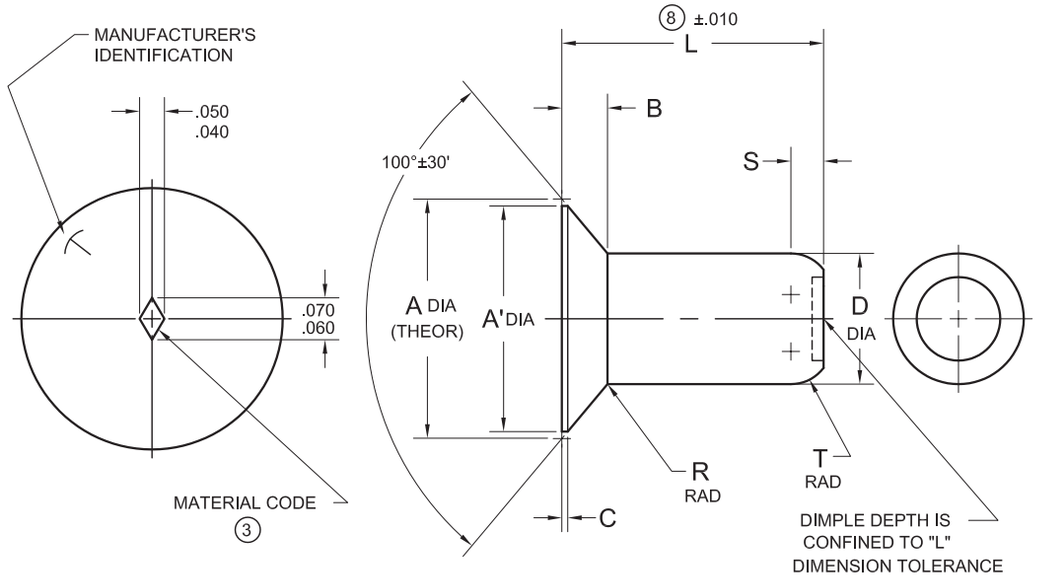
Cherry Part Number Example:

CSR902B -6 E -5⑦

- **-5⑦** — **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **E** — **Finish**
- **-6** — **Diameter Dash Number**
- **CSR902B** — **Style and Material**

CHERRY E-Z BUCK® RIVET

CSR902T 100° FLUSH HEAD



Dia. Dash No.	A ±.004	A' MIN	B REF	C	D +.003 –.001	R MAX	S	T ±.010
-3	.179	.165	.036	.002/.006	.094	.010	.016/.023	.029
-4	.225	.207	.042	.003/.007	.125	.010	.031/.039	.039
-5	.286	.263	.055	.003/.007	.156	.010	.031/.039	.049
-6	.353	.330	.070	.003/.009	.187	.010	.047/.054	.059

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
G	IVD ALUMINUM COATING PER MIL-C-83488	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D" diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed diamond identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.
7. This part meets NASM20426T

⑧ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR902T -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

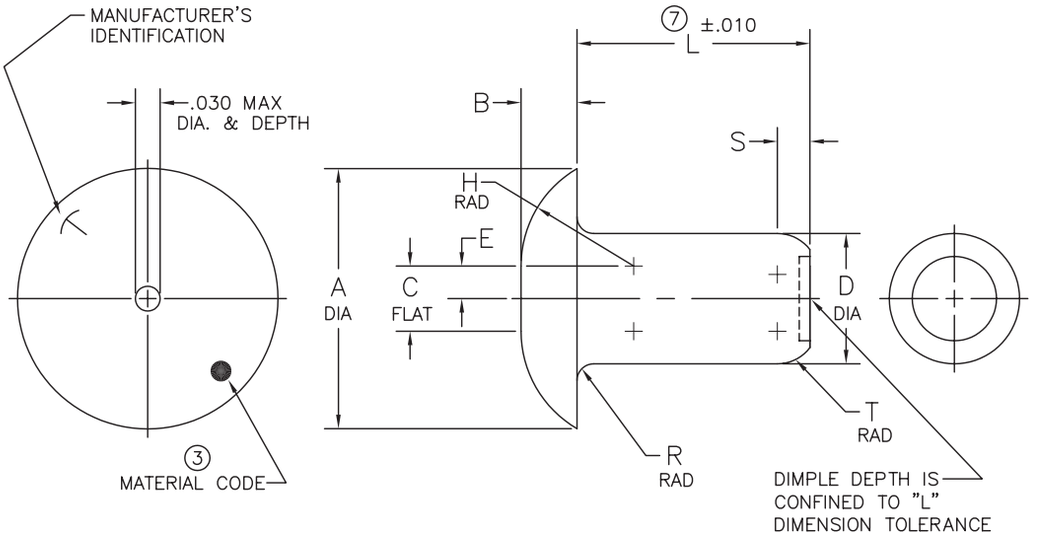
Cherry Part Number Example:

CSR902T -6 E -5⑧

- **-5⑧** — **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **E** — **Finish Code,** if any
- **-6** — **Diameter Dash Number**
- **CSR902T** — **Style and Material**

CHERRY E-Z BUCK® RIVET

CSR903B 100° UNIVERSAL HEAD



Dia. Dash No.	A DIA	B +.010 –.000	C ±.010	D +.003 –.001	E ±.010	H ±.010	R ±.005	S ±.010	T ±.010
-3	.187±.009	.040	.046	.094	.023	.082	.010	.023	.029
-4	.250±.012	.054	062	.125	.031	.108	.010	.031	.039
-5	.312±.016	.067	.078	.156	.039	.135	.015	.039	.049
-6	.375±.019	.080	.093	.187	.046	.164	.020	.047	.059

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D " diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed dot identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.

⑦ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR903B -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

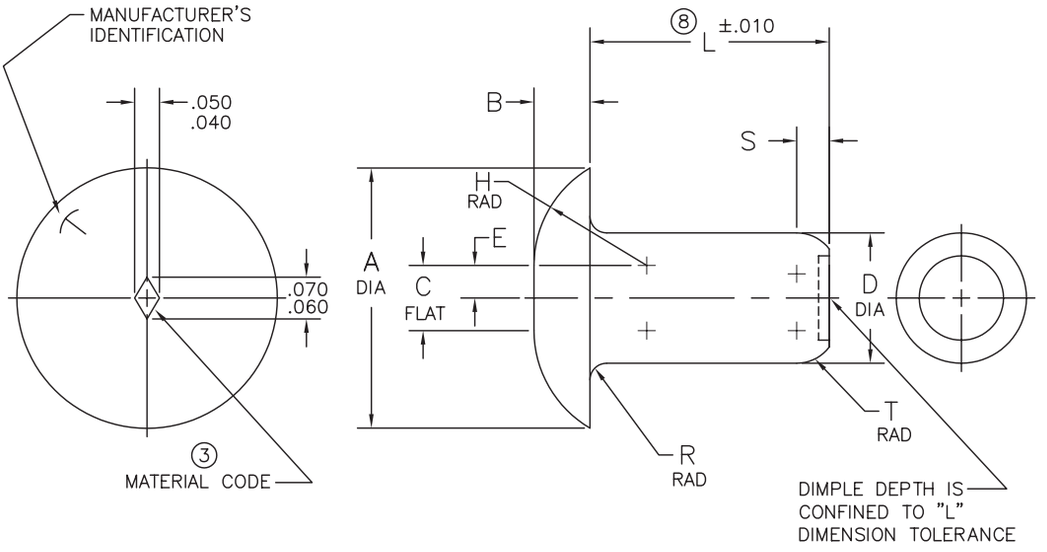
Cherry Part Number Example:

CSR903B -6 E -5⑦

- **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **Finish**
- **Diameter Dash Number**
- **Style and Material**

CHERRY E-Z BUCK® RIVET

CSR903T 100° UNIVERSAL HEAD



Dia. Dash No.	A DIA	B +.010 –.000	D +.003 –.001	D -.001	E ±.010	H ±.010	R ±.005	S ±.010	T ±.010
-3	.187±.009	.040	.046	.094	.023	.082	.010	.023	.029
-4	.250±.012	.054	062	.125	.031	.108	.010	.031	.039
-5	.312±.016	.067	.078	.156	.039	.135	.015	.039	.049
-6	.375±.019	.080	.093	.187	.046	.164	.020	.047	.059
-8	.500±.025	.107	.125	.250	.062	.217	.010	.062	.078

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D " diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed diamond identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.
7. This part meets NASM20470T.

⑧ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR903T -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

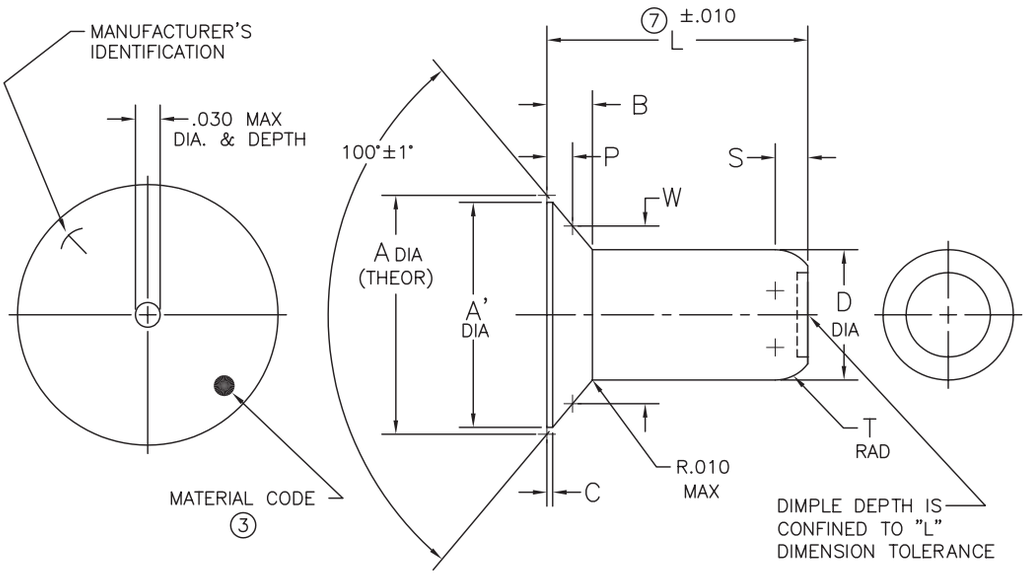
Cherry Part Number Example:

CSR903T -6 E -5⑧

- **-5⑧** — **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **E** — **Finish**
- **-6** — **Diameter Dash Number**
- **CSR903T** — **Style and Material**

CHERRY E-Z BUCK® RIVET

CSR904B 100° FLUSH SHEAR HEAD



Dia. Dash No.	A ±.004	A' MIN	B REF	C MAX	D +.003 –.001	S ±.010	T ±.010	P MIN	P MAX	W +.0002 –.0000
-3	.144	.126	.021	.006	.094	.023	.029	.0089	.0123	.1190
-4	.192	.174	.028	.006	.125	.031	.039	.0106	.0141	.1626
-5	.243	.225	.037	.008	.156	.039	.049	.0153	.0189	.2026
-6	.298	.275	.046	.010	.187	.047	.059	.0210	.0250	.2439

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D" diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed dot identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.

⑦ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR904B -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

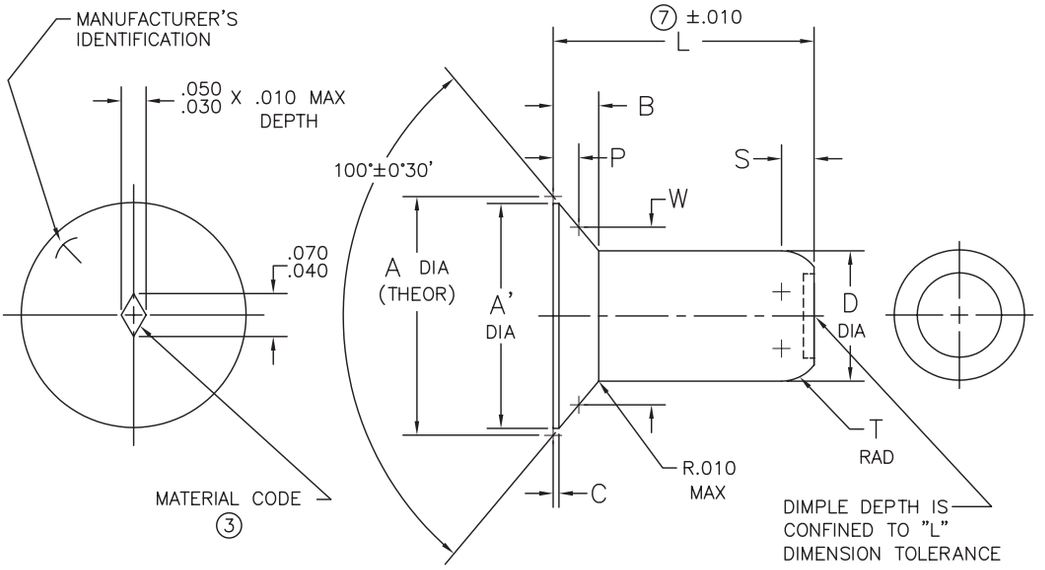
Cherry Part Number Example:

CSR904B -6 E -5⑦

- **-5⑦** — **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **E** — **Finish**
- **-6** — **Diameter Dash Number**
- **CSR904B** — **Style and Material**

CHERRY E-Z BUCK® RIVET

CSR904D 100° FLUSH SHEAR HEAD



Dia. Dash No.	A ±.004	A' MIN	B REF	C MAX	D +.003 –.001	S ±.010	T ±.010	P MIN	P MAX	W +.0002 –.0000
-3	.144	.126	.021	.006	.094	.023	.029	.0089	.0123	.1190
-4	.192	.174	.028	.006	.125	.031	.039	.0106	.0141	.1626
-5	.243	.225	.037	.008	.156	.039	.049	.0153	.0189	.2026
-6	.298	.275	.046	.010	.187	.047	.059	.0210	.0250	.2439

Finish Code	Finish ⑤	Lubrication
—	NONE	NONE
E	ALUMINUM COATING PER NAS 4006	NONE
F	PHOSPHATE FLUORIDE PER BAC 5861	NONE
P	PRIMER PER NAI-1269	NONE
W	ANODIZE BLUE PER ISO 8080	NONE

Notes:

1. A .001 Increase in "D " diameter is permissible within .100 of the base of the head.
2. Conical surface of head and "D" diameter to be concentric within .005 F.I.M.

③ Depressed diamond identifies Ti/Columbium material.

4. Head cocking angle relative to axis of rivet 1/2° maximum.

⑤ Dimensions to be met prior to application of finish.

6. Minimum recommended upset diameter equals 1.3 "D" diameter and minimum recommended upset height equals .3 "D" diameter.

⑦ "L" = 1/16" (.0625) X Grip Dash Number. Additional 1/32" (.0312) increment to "L" may be specified by adding a ".5" To the grip dash number. Example CSR9O4D -6 E -5.5 (5.5 "L" is 11/32" long)

Material: 55 Ti — 45 Cb titanium alloy: chemical composition per AMS 4982. Hydrogen content of finished product to be 85 ppm maximum.

Heat treat: Annealed

NUMBERING SYSTEM

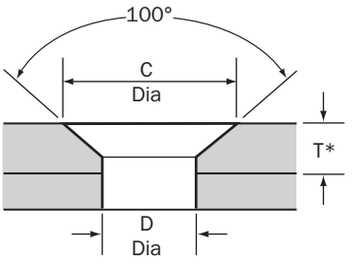
Cherry Part Number Example:

CSR904D -6 E -5⑦

- **-5⑦** — **Grip Dash Number "L"** (in 1/16 inch increments) (-5 is 5/16" long)
- **E** — **Finish**
- **-6** — **Diameter Dash Number**
- **CSR904D** — **Style and Material**

HOLE PREPARATION — Hole and Countersink Dimensions

Nominal Fastener Diameter	Hole Diameter (D)		Countersink Diameter (C)				Minimum Thickness (T)*	
			CSR902B Head NASM20426		CSR904B Head NAS1097		CSR902B NASM20426	CSR904B NAS1097
	Min.	Max.	Min.	Max.	Min.	Max.		
-3 (3/32)	.098	.101	.176	.182	.141	.147	.054	.031
-4 (1/8)	.129	.132	.222	.228	.189	.195	.063	.042
-5 (5/32)	.160	.163	.284	.289	.242	.247	.082	.055
-6 (3/16)	.192	.196	.351	.356	.297	.302	.105	.069



*Suggested minimum thickness (T) is based on 1.5 times nominal head height.

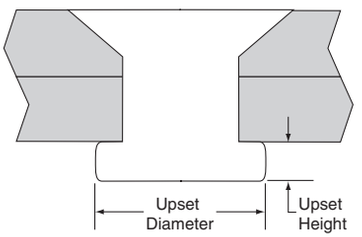
TOOL SELECTION — Buck or squeeze the fastener, using tools in the following table

Nominal Fastener Diameter	Typical Squeeze Load (Lbs.) (2)	Suggested Rivet Hammers (1)	Bucking Bar Weights (Lbs.)
-3 (3/32)	1200	2X Type Rivet Hammer	1-2
-4 (1/8)	2150		2-3
-5 (5/32)	3700	3X Type Rivet Hammer	3-5
-6 (3/16)	5000		5-8

Note: (1) Hammer selection is based on 70-90 psi air line pressure.
(2) Squeeze loads are guidelines and may be varied as required.
Squeezing is recommended wherever possible.

INSPECTION

Nominal Fastener Diameter	Minimum Upset Diameter 1.3D	Minimum Upset Height .3D
-3 (3/32)	.122	.028
-4 (1/8)	.163	.038
-5 (5/32)	.203	.047
-6 (3/16)	.243	.056

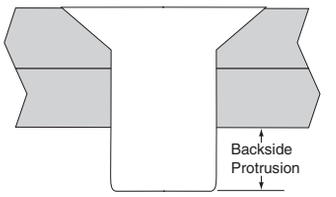


CHERRY E-Z BUCK® RIVET

RIVET GRIP SELECTION

1. Insert rivet into hole.
2. Measure backside protrusion.
3. The table below is the min/max recommended material thickness in which the rivet can be used. This is based on a backside protrusion of 0.8D minimum and 1.5D maximum.

Nominal Diameter	Backside Protrusion	
	.8D (Min)	1.5D (Max)
-3 (3/32)	.076	.141
-4 (1/8)	.100	.188
-5 (5/32)	.125	.234
-6 (3/16)	.150	.281



RECOMMENDED MIN/MAX GRIP ACCOMMODATIONS FOR CHERRY E-Z BUCKS®

Grip Length	Nominal Diameters							
	-3 (3/32)		-4 (1/8)		-5(5/32)		-6 (3/16)	
	Min (1)	Max	Min (1)	Max	Min (1)	Max	Min (1)	Max
2	.032	.050	—	—	—	—	—	—
3	.047	.112	.042	.088	—	—	—	—
4	.109	.175	.063	.150	.055	.125	—	—
5	.172	.237	.125	.213	.079	.188	.069	.163
6	.234	.300	.188	.275	.141	.250	.095	.225
7	.297	.362	.250	.338	.204	.313	.157	.288
8	.359	.425	.313	.400	.266	.375	.220	.350
9	.422	.487	.375	.463	.329	.438	.282	.413
10	.484	.550	.438	.525	.391	.500	.345	.475
11	.547	.612	.500	.588	.454	.563	.407	.538
12	.609	.675	.563	.650	.516	.625	.470	.600
13	.672	.737	.625	.713	.579	.688	.532	.663
14	.734	.800	.688	.775	.641	.750	.595	.725
15	.797	.862	.750	.838	.704	.813	.657	.788
16	.859	.925	.813	.900	.766	.875	.720	.850
17	.922	.987	.875	.963	.829	.938	.782	.913
18	.984	1.050	.938	1.025	.891	1.000	.845	.975
19	1.047	1.112	1.000	1.088	.954	1.063	.907	1.038
20	1.109	1.175	1.063	1.150	1.016	1.125	.970	1.100
21	1.172	1.237	1.125	1.213	1.079	1.188	1.032	1.163
22	1.234	1.300	1.188	1.275	1.141	1.250	1.095	1.225
23	1.297	1.362	1.250	1.338	1.204	1.313	1.157	1.288
24	1.359	1.425	1.313	1.400	1.266	1.375	1.220	1.350

ITEMS BELOW HEAVY LINE ARE SPECIAL ORDER ONLY

1. Minimum thicknesses are based on 1.5 x head height of CSR904B flush head fasteners. Protruding head fasteners may be used in a minimum thickness of .020". Determination of acceptable use in thicknesses below those recommended is the responsibility of the end user.

CHERRY E-Z BUCK® RIVET

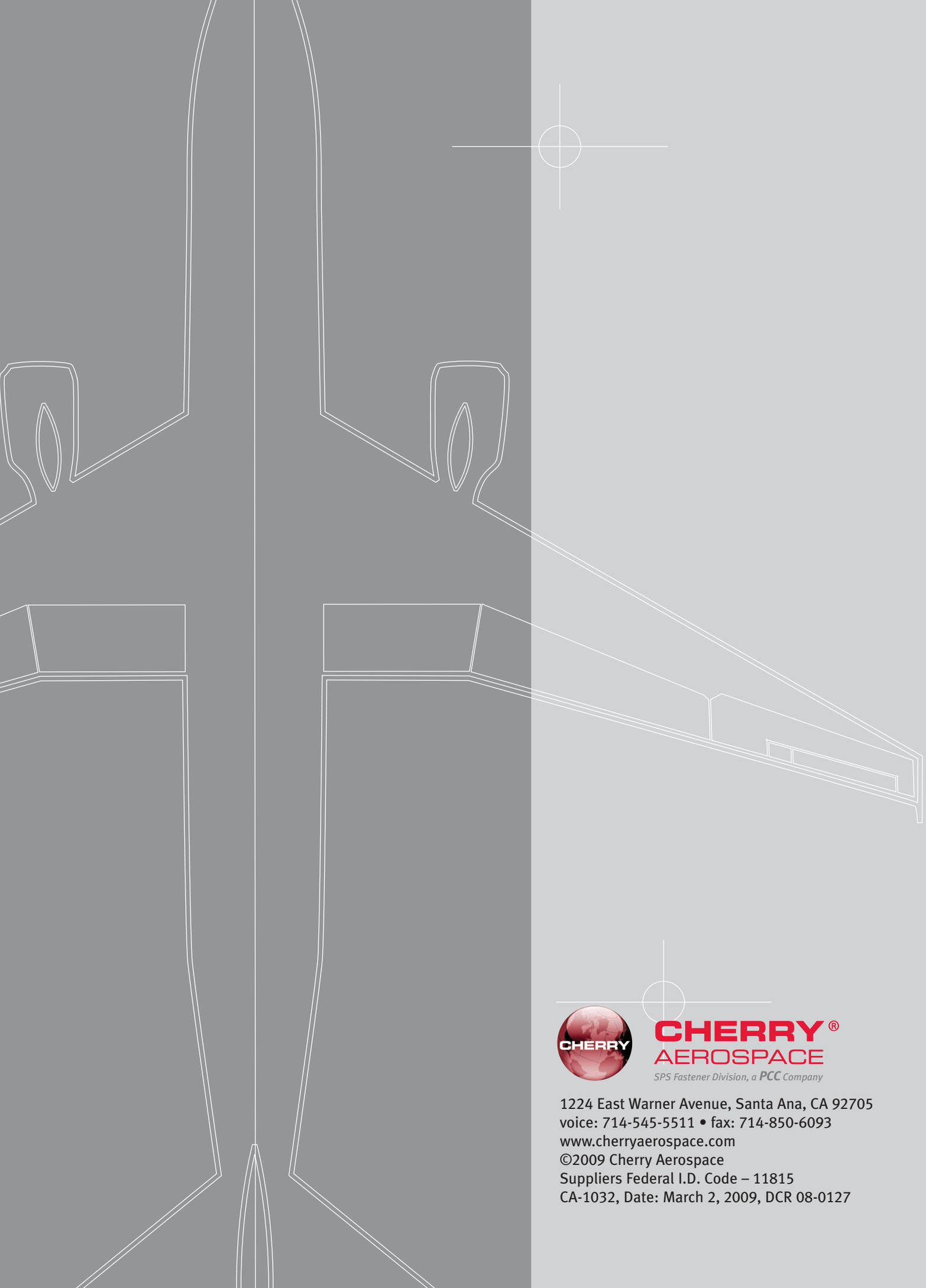
INSTALLED WEIGHTS — Pounds per 1000 pieces

Grip Length	-3 (3/32)			-4 (1/8)			-5 (5/32)			-6 (3/16)		
	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B
2	—	.315	.207	—	—	—	—	—	—	—	—	—
3	.339	.407	.298	.598	.803	.536	—	—	—	—	—	—
4	.431	.499	.390	.761	.966	.699	1.203	1.624	1.118	—	—	—
5	.523	.591	.482	.924	1.129	.862	1.456	1.877	1.371	2.189	2.853	2.009
6	.615	.683	.574	1.087	1.292	1.025	1.709	2.130	1.624	2.543	3.207	2.373
7	.707	.775	.666	1.250	1.455	1.188	1.962	2.383	1.877	2.897	3.561	2.737
8	.799	.867	.758	1.413	1.618	1.351	2.215	2.636	2.130	3.251	3.915	3.101
9	.891	.959	.850	1.576	1.781	1.514	2.468	2.889	2.383	3.605	4.269	3.465
10	.983	1.051	.942	1.739	1.944	1.677	2.721	3.142	2.636	3.959	4.623	3.829
11	1.075	1.143	1.034	1.902	2.107	1.840	2.974	3.395	2.889	4.313	4.977	4.193
12	1.167	1.235	1.126	2.065	2.270	2.003	3.227	3.648	3.142	4.667	5.331	4.557
13	1.259	1.327	1.218	2.228	2.433	2.166	3.480	3.901	3.395	5.021	5.685	4.921
14	1.351	1.419	1.310	2.391	2.596	2.329	3.733	4.154	3.648	5.375	6.039	5.285
15	1.443	1.511	1.402	2.554	2.759	2.492	3.986	4.407	3.901	5.729	6.393	5.649
16	1.535	1.603	1.494	2.717	2.922	2.655	4.239	4.660	4.154	6.083	6.747	6.013
17	1.627	1.695	1.586	2.880	3.085	2.818	4.492	4.913	4.407	6.437	7.101	6.377
18	1.719	1.787	1.678	3.043	3.248	2.981	4.745	5.166	4.660	6.791	7.455	6.741
19	1.811	1.879	1.770	3.206	3.411	3.144	4.998	5.419	4.913	7.145	7.809	7.105
20	1.903	1.971	1.862	3.369	3.574	3.307	5.251	5.672	5.166	7.499	8.163	7.469
21	1.995	2.063	1.954	3.532	3.737	3.470	5.504	5.925	5.419	7.853	8.517	7.833
22	2.087	2.155	2.046	3.695	3.900	3.633	5.757	6.178	5.672	8.207	8.871	8.197
23	2.179	2.247	2.138	3.858	4.063	3.796	6.010	6.431	5.925	8.561	9.225	8.561
24	2.271	2.339	2.230	4.021	4.226	3.959	6.263	6.684	6.178	8.915	9.579	8.925

CHERRY E-Z BUCK® RIVET

INSTALLED WEIGHTS — PIECES PER POUND

Grip Length	-3 (3/32)			-4 (1/8)			-5 (5/32)			-6 (3/16)		
	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B	CSR 902B	CSR 903B	CSR 904B
2	—	3175	4831	—	—	—	—	—	—	—	—	—
3	2950	2457	3356	1672	1245	1866	—	—	—	—	—	—
4	2320	2004	2564	1314	1035	1431	831	616	894	—	—	—
5	1912	1692	2075	1082	886	1160	687	533	729	457	351	498
6	1626	1464	1742	920	774	976	585	469	616	393	312	421
7	1414	1290	1502	800	687	842	510	420	533	345	281	365
8	1252	1153	1319	708	618	740	451	379	469	308	255	322
9	1122	1043	1176	635	561	661	405	346	420	277	234	289
10	1017	951	1062	575	514	596	368	318	379	253	216	261
11	930	875	967	526	475	543	336	295	346	232	201	238
12	857	810	888	484	441	499	310	274	318	214	188	219
13	794	754	821	449	411	462	287	256	295	199	176	203
14	740	705	763	418	385	429	268	241	274	186	166	189
15	693	662	713	392	362	401	251	227	256	175	156	177
16	651	624	669	368	342	377	236	215	241	164	148	166
17	615	590	631	347	324	355	223	204	227	155	141	157
18	582	560	596	329	308	335	211	194	215	147	134	148
19	552	532	565	312	293	318	200	185	204	140	128	141
20	525	507	537	297	280	302	190	176	194	133	123	134
21	501	485	512	283	268	288	182	169	185	127	117	128
22	479	464	489	271	256	275	174	162	176	122	113	122
23	459	445	468	259	246	263	166	155	169	117	108	117
24	440	428	448	249	237	253	160	150	162	112	104	112



CHERRY®
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