



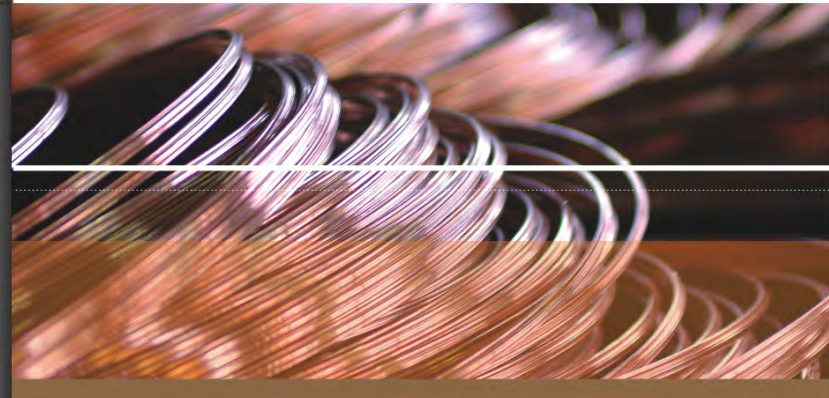
Haishu Business

Haishu Business

02



Confidence comes from strength, quality is derived from working hard. Haishu people will stress the spirits of striving for perfection constantly with advanced production equipment and testing equipment as well as exquisite technique to make work first class product.



Haishu Business

03



*Talents as foundation
creation by hi-tech footing
with good quality credit first.*

*The Actual Strength
Comes From The Excellent Quality*

ISO9001: 2000

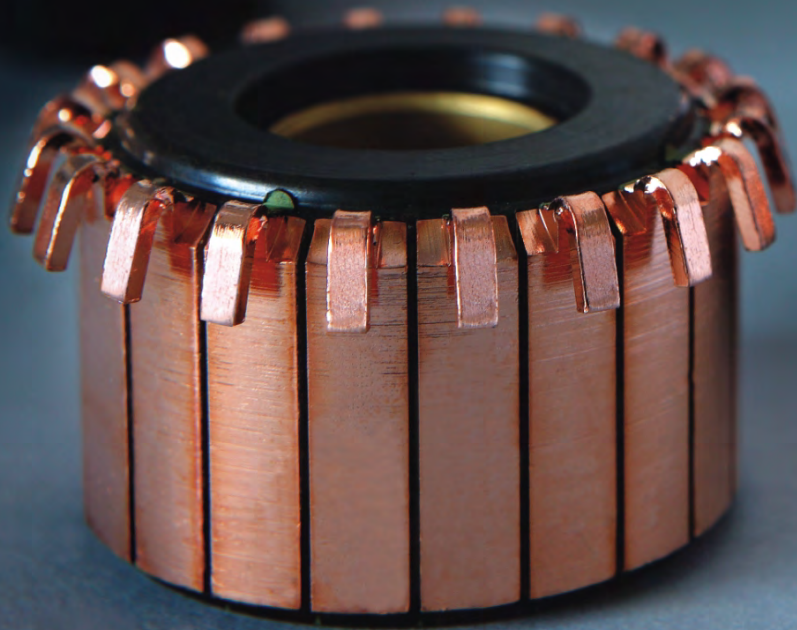


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The Actual Strength Comes From The Excellent Quality

04



Haishu Business

05



▲ Carbon brush



▲ Carbon brush



▲ Hook Style Commutator Series



▲ Carbon brush stand

Ningbo Haishu Nide International Co., Ltd. Superior technique and staff of quality control and technicians with direct instructions for production ensure the stability and reliability of product quality. Employing the computer aided manufacture system with design, manufacture and analysis is to make all the components in the production system and production procedure operate with integration beyond challenge. The check equipment, perfect check mechanism and check program, and close industry quality standard ensure the product leaving the factory with "zero-defect".



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06

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07

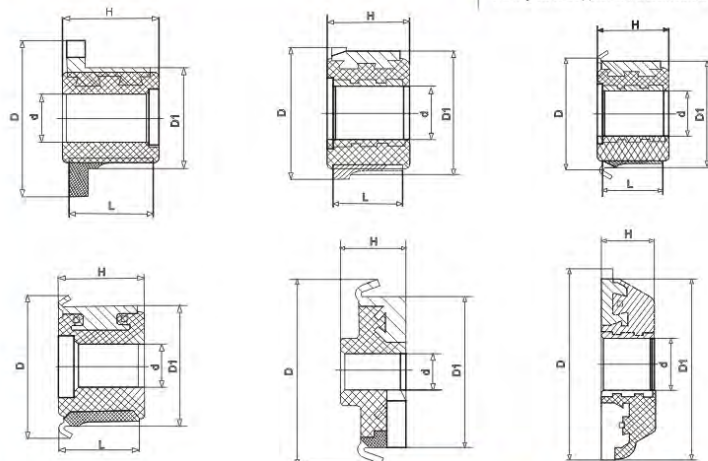
Trough Style Commutator Series Planar Style Commutator Series





□ Z □ Q □ - RS □ □ □

- Product number
- Means bush: 1-with bush 2-without bush
- Material of copper line :
1- Electrolytic copper
3-silver copper
- Code of manufacture unit
zhejiang sanhe electrical machinery co.,ltd
- Code of structure type
A-trough style without reinforcement
B-trough style with reinforcement
C-hook style with reinforcement
D-hook style with reinforcement
F-planar style
- Commutator code
- code of assembly
- D-electric tool
J-family electric appliances, automobile and motorcycles



Chief Technical Parameters of Commutator

commutator type	experiment temperature/time	linear velocity of outer race of commutator m/s
普通型 common type	room temperature/10min 250°C/10min	50 45
加筋型 reinforced type	room temperature/10min 235°C/10min	60 50

高速回转过试验
Overspeed test

After testing, bar/bar-deviation < 0.003mm,
outer diameter < 0.007;

When the use's requirements for the linear velocity of outer race of commutator with manufacturer of commutator to make the special linear velocity of outer race test.

$$N = 1.9 \times 10^4 \frac{V}{D}$$

In the formula:
N--Rotation, r/min
V--linear velocity, m/s,
D--Outer diameter, mm

Name of the parameter	Specifications of commutator	Technical parameters
Insulation with standing test	Various specification	Room temperature; between shaft hole and commutator segment > 150MΩ
		Heating; 140°C within 1h, between shaft hole and commutator segment > 100MΩ
I.D. Precision of commutator	Various specification	with bushing; H7 without bushing; H8
Insulation of commutator segment	Various specification	< 1/3 Nominal insulating thickness between the segments of commutator
AC Frequency	Various specification	50Hz 60Hz

Note: (1) The voltage with standing test's data between the shaft and the segment of commutator and between the segments depend in the different uses of the motor to complete and the use's requirements.
(2) Negotiation may be taken if users have other special requirements to the above data in the table.



JZ series No:01

Model	Outside Diameter φ(D1)	Bore φ(d)	Outside diameter of flange or lock φ(D)	Pcs (N)	Height of Copper Bar	Height(H)
JZQC-RS32-01	18.9	8	22.2	24	10.7	12.5
JZQC-RS32-01B	18.9	8	22.8	24	10.7	12.5
JZQC-RS32-01C	18.9	8	22	24	10.7	12.5
JZQC-RS32-01D	19.1	9	22.2	24	10.7	12.5
JZQC-RS32-02	21.5	8	25	24	10.5	12
JZQC-RS32-02B	21.5	8	25	24	10.5	11.9
JZQC-RS31-02C	21.5	8	25	24	10.5	11.9
JZQC-RS32-03	21.5	10	25	24	10.7	12
JZQC-RS31-04	35	12.7	39	32	17.2	18
JZQC-RS32-04B	35	12.7	39	32	17.2	18
JZQC-RS12-05	23.2	8	29.5	12	16.3	18
JZQC-RS32-05B	23.2	8	30	12	16.3	18
JZQC-RS12-06	18.9	9	24.5	12	15.6	17
JZQC-RS12-06B	18.9	8	24.5	12	15.6	17
JZQC-RS32-06C	19.1	8	24.5	12	15.1	17
JZQC-RS12-07	18.9	8	24.5	12	14	15.5
JZQC-RS12-07B	18.9	8	25	12	14	15.5
JZA-RS12-08	48	16	52	63	27	30
JZQC-RS12-09	22.5	12	30.8	10	18.5	21
JZQC-RS12-10	22.5	12	30.5	10	19	21
JZQC-RS12-11	22.5	12	30.5	10	19	22.5
JZQC-RS12-12	17.8	9	23	10	14.4	16
JZQC-RS12-12B	17.8	9	23	10	14.4	16
JZQC-RS12-12C	17.8	9	23.5	10	14.4	16
JZQC-RS12-13	22.5	9	30	10	15.9	17.5
JZQC-RS12-13B	22.5	9	30	10	16.4	17.5
JZQC-RS12-13C	22.5	9	29.7	10	15.9	17.5
JZQC-RS12-13D	22.5	9.1	30	10	15.9	17.5
JZQC-RS12-13E	22.5	9.2	30	10	15.9	17.5
JZQC-RS12-13F	22.5	9	29	10	15.9	17.5
JZQC-RS12-14	28.1	14	36.8	12	17.9	20
JZQC-RS12-14B	28.1	13.5	36.8	12	17.9	19.8
JZQC-RS12-14C	28.1	14	36.8	12	17.9	20
JZQC-RS12-15	22.6	8	27.5	20	13.7	17.5
JZQC-RS12-16	24.2	12	31.5	12	18.9	20
JZQC-RS12-16B	24.2	12	31.5	12	18.9	20
JZQC-RS12-16C	24.2	12.1	31.5	12	18.9	20
JZQC-RS12-17	28.2	14	36	12	19.5	21.5
JZQC-RS32-18	24.1	8	31	12	21.4	23
JZQC-RS32-18B	24.1	8	31	12	21.4	23

JZ series No:02

Model	Outside Diameter φ(D1)	Bore φ(d)	Outside diameter of flange or lock φ(D)	Pcs (N)	Height of Copper Bar	Height(H)
JZQC-RS32-18C	24.1	8	31	12	21.4	23
JZQA-RS12-19	36	14.5	46	19	21	23.5
JZQC-RS12-19B	36	14.5	46	19	21	23.5
JZQC-RS12-19C	36	14	46	19	21	23.5
JZQA-RS11-20	84	28	91	69	36.5	38.5
JZQA-RS31-20B	82	28	91	69	36.5	38.5
JZQA-RS31-20C	82	28	91	69	36.5	38.5
JZQA-RS11-21	61	20	64	72	27.4	31
JZQB-RS31-22	38.6	15.5	54	23	35.5	41
JZQA-RS11-23	33	13	47	25	27	29.5
JZQA-RS12-24	28.5	13	39	21	23	26
JZQA-RS12-24B	28.5	13	39	21	23	26
JZQA-RS11-25	37	15	47	27	31	34
JZQA-RS11-26	37	15	52	23	36.3	39
JZQA-RS11-26B	39.5	15	52	23	36	39
JZQA-RS11-26C	37	15	52	23	36.3	39
JZQA-RS11-26D	37.5	14	52.5	23	36.3	38.5
JZQC-RS12-27	24.2	8	31	12	17	19
JZQC-RS32-28	16.5	8	23	10	14.2	16
JZQC-RS12-29	19.1	6	25	12	15.6	17
JZQC-RS12-30	18.9	6	25	12	15.6	17
JZQA-RS12-31	35	14	47	24	32	34
JZQA-RS12-32	42	18	45	42	27	30
JZQA-RS12-32B	42.5	18	45	42	27	30
JZQA-RS12-32C	42	18	45	42	27	30
JZQC-RS12-33	24.1	8	31	14	17	19
JZQC-RS12-34	19	8	24	10	12	13.5
JZQC-RS12-34B	18.5	8	24	10	12	13.5
JZQC-RS12-34C	19	8	24	10	12	13.5
JZQC-RS12-35	22.6	8	28.5	12	16	17.5
JZQC-RS12-35B	22.6	10	28.5	12	16	17.5
JZQC-RS32-35C	22.6	10	28.5	12	16	17.5
JZQC-RS32-36	19	8	25.5	10	16	18.5
JZQA-RS12-37	34	13	51	28	23	26
JZQA-RS12-37B	33	13.1	51	28	23	26
JZQA-RS12-38	34	13	51	28	27	30
JZQA-RS12-38B	33	13.1	51	28	27	30
JZQA-RS12-39	46.5	17	52	40	25	30
JZQA-RS12-39B	46	17	52.5	40	25	30
JZQA-RS12-39C	46	17	52.5	40	24	26



JZ series No:03

Model	Outside Diameter φ (D1)	Bore φ (d)	Outside diameter of fit tube or lock φ (D)	Pcs (N)	Height of Copper Bus Bar (L)	Height (H)
JZQA-RS12-40	46.5	17	56	40	25	30
JZQA-RS12-40B	46.5	17	56	40	25	30
JZQC-RS12-41	39.9	12.05	51	20	24.3	26
JZQC-RS12-41B	39.9	10.01	51.1	20	24.3	26
JZQC-RS12-42	21	8	25	12	10.7	19
JZQC-RS12-43	47.2	16	55	21	26	29
JZQC-RS31-44	46	15	52.5	40	26	29.5
JZQC-RS12-45	22.2	12	30.5	10	19	20.8
JZQA-RS11-46	36	15.74	46	19	21	23.5
JZQA-RS11-46B	36	15.8	46	19	21	23.5
JZQA-RS11-46C	36	15.8	46	19	21	23.5
JZQC-RS12-47	22.6	8	29	12	14.8	16
JZQB-RS11-48	115	39.5	138	56	88	141
JZQA-RS12-49	35.5	16	38.5	42	27	29.5
JZQA-RS11-50	51.5	20	56	72	22	24
JZQA-RS11-50B	51.5	20	56	72	22	24
JZQA-RS12-51	55.6	18	60.5	63	30	35.5
JZQA-RS12-51B	58	17.6	60.5	63	30	32
JZQA-RS12-52	61.5	18	64	56	45	55
JZQA-RS12-53	81	25	87	72	51	61
JZQC-RS12-54	15	6	18	7	10	11
JZQC-RS12-54B	15	6	18	7	10	13.5
JZQC-RS32-55	30.3	10	35.5	16	15	16.5
JZQC-RS32-55B	30.3	10	37	16	15	16.5
JZQC-RS32-56	15	4.5	18	10	9	10
JZQC-RS32-56B	15.1	4.5	18	10	9.4	11.5
JZQC-RS32-56C	15	4.5	18	10	9	10
JZQC-RS32-56D	15	4.5	18	10	9	10
JZQC-RS32-57	30.4	8	37.5	20	16.1	17.5
JZQC-RS12-57B	30.3	8	37.5	20	16.4	17.5
JZQC-RS12-57C	30.4	8	37.5	20	16.1	17.5
JZQC-RS12-58	22.2	9	30	10	15	17
JZQC-RS12-58B	22.2	9	30	10	13.5	15
JZQC-RS12-59	23.2	9.5	30	12	16.3	18
JZQC-RS32-60	16	6	19.5	16	11.9	21.45
JZQC-RS32-60B	16	6.5	19.5	16	11.9	21.45
JZQA-RS11-61	39	15	52	23	36.3	39
JZQA-RS11-62	40	15.5	58.5	21	35.5	40
JZQA-RS11-62B	40	15	58	21	35.5	40
JZQB-RS11-62C	40	15	58	21	35.5	40

JZ series No:04

Model	Outside Diameter φ (D1)	Bore φ (d)	Outside diameter of fit tube or lock φ (D)	Pcs (N)	Height of Copper Bus Bar (L)	Height (H)
JZQB-RS11-62D	40	15.5	58.5	21	35.5	40
JZQA-RS11-63	33	10	45.5	25	27	31
JZQC-RS12-64	29.6	9	35.5	16	14.5	16.5
JZQC-RS12-64B	29.6	8	35.5	16	14.5	16.5
JZQC-RS12-65	22.2	12	30	10	15	17
JZQA-RS11-66	33.5	16	47	25	21	24.8
JZQA-RS11-67	30.5	12.2	46	29	22	24.5
JZQA-RS11-67B	30.5	12	46	29	22	24.5
JZQA-RS11-67C	30.5	12.2	46	29	22	24.5
JZQA-RS11-68	37	16.5	47	27	28.5	32.5
JZQC-RS12-69	21	8	25	12	10.7	15
JZQC-RS12-69B	21	7	25	12	10.7	15
JZQC-RS12-69C	21	8	25	12	10.7	14.5
JZQC-RS12-69D	21	7	25	12	10.7	14.5
JZQC-RS12-69E	21	8	25	12	10.7	14.5
JZQC-RS12-70	21	8	25	24	10.7	15
JZQC-RS12-70B	21	7	25	24	10.7	15
JZQC-RS12-70C	21	8	25	24	10.7	14.5
JZQC-RS12-70D	21	7	25	24	10.7	14.5
JZQC-RS32-71	15	5	20	12	15.7	16.5
JZQC-RS32-71C	15.1	5	20	12	15.7	16.5
JZQC-RS31-72	21.5	8	25	24	11.8	13
JZQC-RS12-73	18.9	8	24	12	12	13.5
JZQC-RS12-73C	18.8	8	24	12	12	13.5
JZQA-RS11-74	30.5	12	46	29	22	24.5
JZQA-RS11-74B	30.5	13.5	46	29	22	24.5
JZQC-RS12-75	28.2	14	34.5	21	14.5	16.5
JZQC-RS12-75B	28.2	14	35.5	21	14.5	16.5
JZQA-RS11-76	36	12	47.2	21	28.8	31.5
JZQA-RS11-76B	36	12	47.5	21	28.7	31.5
JZQA-RS11-76C	36	12	47	21	28.8	31.5
JZQA-RS12-77	31	12.2	50.8	28	27	29.6
JZQA-RS11-77B	33	12.2	49	28	27	29.6
JZQA-RS12-77C	30	12.2	51.2	28	27	29.6
JZQA-RS12-77D	30	12.25	50.1	28	27	29.7
JZQA-RS12-77E	31	12.25	50.8	28	27	29.7
JZQA-RS12-78	55	19	58	25	54	57
JZQA-RS12-78B	56	19	56.5	25	54	57
JZQA-RS12-78C	55	19	55.8	25	54	57
JZQA-RS12-78D	55	19	55.8	25	50	53.5



JZ series No:05

Model	Outside Diameter (D1)	Bore (d)	Outside diameter of flange or lock (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
JZQ-B-RS12-79	38.5	15.5	54	23	35.5	41
JZQC-RS32-80	18.9	8	22	24	16.2	18
JZQC-RS12-81	22.5	8	29	10	14.5	16
JZQC-RS12-81B	22.2	8	29	10	14.5	16
JZQC-RS32-82	34.8	13	42	24	21.8	25
JZQA-RS12-83	37	15.5	52.5	25	38	41
JZQA-RS12-84	41	17.6	60	21	40	44
JZQA-RS12-84B	40	18	60.5	21	40	44
JZQA-RS12-84C	41.5	18	60	21	40	43
JZQC-RS32-85	22.5	8	27.8	24	14.2	18
JZQA-RS12-86	31	12.1	46	29	22.2	27
JZQA-RS12-87	40	18	58.5	21	40	43
JZQA-RS12-88	48	16	58.5	21	35.5	40
JZQA-RS12-89	37.7	16	40	38	23.3	28.5
JZQC-RS31-90	21.5	6.35	25	24	10.5	11.9
JZQC-RS32-91	18.9	6.35	22	24	10.7	12.5
JZQC-RS32-91B	18.9	6.35	22.5	24	10.8	12.5
JZQC-RS32-92	18.9	7	23	12	12	13.5
JZQC-RS32-92B	18.9	6.35	23	12	12	13.5
JZQA-RS31-93	45	19	46	28	33	35
JZQA-RS12-94	34	14	39	32	23.3	27.5
JZQA-RS12-95	38	16	58	25	29.5	32.5
JZQA-RS12-96	30	12	46	29	22	27
JZQA-RS11-97	60	20.5	61.5	25	57	61
JZQC-RS32-98	15.2	6.35	18.5	20	9.5	11
JZQC-RS32-98B	15	5	18.3	20	9	10
JZQC-RS32-98C	15	6.35	18.3	20	9	10
JZQA-RS12-99	60	20	74	72	30	37.5
JZQA-RS11-100	37	14	49	23	38	44
JZQA-RS11-100B	38	14	49.5	23	38	44
JZQA-RS11-100C	37	14	49.5	23	38	44
JZQA-RS11-100D	38	14	49.5	23	38	44
JZQA-RS12-101	34	14	46	25	28.5	32
JZQC-RS31-102	46	15	53.5	20	26	29.5
JZQA-RS11-103	33.5	13.5	46	23	22	27
JZQA-RS11-104	30	12	46	29	23	27.5
JZQA-RS12-105	35	12.2	50.8	28	28.8	31.6
JZQA-RS31-106	63	20	67.5	72	28	31
JZQC-RS31-107	47	17	55	20	27	31
JZQA-RS32-108	35.1	13	37	48	19	23.5

JZ series No:06

Model	Outside Diameter (D1)	Bore (d)	Outside diameter of flange or lock (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
JZQC-RS32-109	23.5	12	29	12	13.2	14.5
JZQC-RS32-110	12.2	6	16.5	10	12.3	14
JZQC-RS12-111	20.5	10	26.5	10	14	15
JZQC-RS12-111B	20.5	8	26.5	10	13.8	15
JZQC-RS12-112	30.1	15	40	12	21	23
JZQB-RS11-113	37.5	16.5	51	27	31	34.5
JZQB-RS11-114	37.5	14	51	23	40	42.5
JZQB-RS11-115	37	14	46.5	23	40	42.5
JZQC-RS32-116	21	8	27.5	21	14.8	16
JZQC-RS32-117	23.1	8	27	24	13.2	16
JZQB-RS12-118	40	14	56	23	35.5	41
JZQA-RS11-119	45	15.5	61.5	21	44.5	50
JZQA-RS12-119B	45	18	61.5	21	44.5	50
JZQA-RS12-119C	45	17	62	21	44.5	50
JZQA-RS11-120	38.6	15.5	56	23	35.5	41
JZQA-RS32-121	30	12	35.5	26	25	27.5
JZQA-RS32-121B	30	12	35.5	26	25	27.5
JZQC-RS31-122	25.4	9.15	30.3	22	16.2	19.2
JZQC-RS12-124	22.6	10	29	10	14.8	16
JZQC-RS12-124B	22.6	10	29	10	14.8	16
JZQA-RS31-125	36.2	14	39	48	21	24.5
JZQC-RS32-126	13.1	5	18.8	7	15	20
JZQC-RS32-126B	13.1	6.35	18.8	7	15	20
JZQC-RS32-126C	13.1	5	18	7	13.3	19.5
JZQC-RS12-127	20.5	10	26	12	13.8	15
JZQC-RS12-127B	20.5	8	26.5	12	13.8	15
JZQC-RS12-127C	20.5	10	26.5	12	13.8	15
JZQC-RS12-127D	20.5	10	26	12	13.8	15
JZQC-RS12-127E	20.5	10	26	12	14	15
JZQC-RS12-128	26.5	12	33	12	14.7	17
JZQC-RS12-128B	26.2	12	33	12	14.7	17
JZQC-RS12-128C	26.5	12	33	12	15.8	17.6
JZQC-RS12-128D	26.5	12	33	12	15.8	17.6
JZQC-RS12-128E	26.5	12	34	12	15.8	17.6
JZQB-RS12-129	33	12	43	28	22	27
JZQB-RS12-129B	33	13	42.9	28	22	27
JZQB-RS12-129C	33	13	42.9	28	22	27
JZQA-RS12-130	37	15.5	52	23	35.5	39.2
JZQA-RS12-131	39	15.5	55	23	36.3	40
JZQA-RS12-132	47	17	52.5	40	24	27



JZ series No:07

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of rib or look ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQA-RS31-133	33	10.3	38	32	24	28
JZQA-RS31-134	29	9	31	28	19	22
JZQA-RS31-135	24	8	26	22	17.5	20.5
JZQA-RS12-136	28.6	14	42	21	24.5	29
JZQA-RS12-136B	29	10.5	41.5	21	24.5	31.5
JZQA-RS12-137	31	12.5	40	21	24.5	35
JZQC-RS32-138	13.1	5	18	7	13.5	19.5
JZQC-RS31-139	18.9	7.14	22	24	11	13
JZQC-RS31-139B	18.9	7	22	24	11	13
JZQA-RS12-140	32	13	47	21	34.5	36.3
JZQA-RS12-141	40	16	58	25	29.5	32.5
JZQA-RS12-141B	40	16	58	25	29.5	32.5
JZQA-RS12-141C	39.5	16	55.5	25	29.5	33
JZQA-RS12-141D	40	15.8	58	25	29.5	32.5
JZQC-RS31-142	33.5	12.7	37.5	32	21	23
JZQC-RS12-143	22.6	10	28.4	10	15.6	17.5
JZQC-RS12-143B	22.6	10	29	10	16.2	17.5
JZQC-RS12-143C	22.6	10	29	10	15.8	18
JZQC-RS12-144	22.5	9	29	10	14.5	16
JZQA-RS11-145	30	13	46.8	25	28.5	31
JZQA-RS11-145B	30	12	46.8	25	28.5	31
JZQA-RS11-146	30	13	46.8	25	28.5	31
JZQA-RS11-147	32.5	16	46.8	23	33	35.5
JZQA-RS11-147B	33.5	13	46.8	23	33	35.5
JZQE-RS12-148	63	13.2	73	24	16	26.5
JZQE-RS12-148B	63	20	73	24	16	26.5
JZQE-RS12-148C	63	13.2	73	24	16	26.5
JZQE-RS12-149	40	15	43	21	10	18.2
JZQE-RS31-150	44	12.08		23	10	12.5
JZQE-RS31-150B	44	12.35		23	10	12.5
JZQE-RS31-150C	44	12.06		23	10	12.5
JZQE-RS31-150D	44.2	12.08		23	10	12.5
JZQE-RS31-150E	44	12		23	10	12.5
JZQE-RS12-151	47.6	13.2	57	16	14	24.5
JZQE-RS12-151B	47.6	13.2	57	16	14	22
JZQE-RS12-151C	47.6	13	57	16	14	24.5
JZQE-RS12-151D	47.6	13	57	16	14	22
JZQE-RS12-151E	47.6	13.4	57	16	14	24.5
JZQA-RS31-152	47.5	17	52.5	48	27	31
JZQA-RS31-152B	51	17	52.5	48	32	36

JZ series No:08

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of rib or look ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQA-RS31-152C	47.5	18	52	48	27	31
JZQA-RS31-152D	47.5	18	52	48	27	31
JZQC-RS32-153	22	8	26	24	12.5	15
JZQC-RS12-154	25	8	32	14	20	22
JZQC-RS32-155	20.7	8	41	20	15	18
JZQC-RS32-155B	20.7	8	40	20	15	18
JZQC-RS32-155C	23.7	8	39.5	20	15	18
JZQC-RS32-155D	25.5	8	40	20	15	18
JZQC-RS32-155E	23.5	8	40.5	20	15	17
JZQA-RS12-156	33	14	52	23	28.8	34
JZQC-RS32-157	18.9	6.35	22	24	11	13
JZQC-RS12-158	19	5	23	12	11.5	12.3
JZQA-RS12-159	37	16	51	27	31	34
JZQC-RS32-160	15	6.35	18.5	16	9	10
JZQA-RS12-161	37	16	51	27	31	34.5
JZQA-RS12-162	32	13	47	23	33	35.5
JZQA-RS12-163	36	15	51	23	36.3	39
JZQA-RS11-164	40	15	55	23	35.5	37.5
JZQA-RS11-164B	40	15.5	56	23	35.5	37.5
JZQA-RS11-164C	40	15	55	23	35.5	37.5
JZQA-RS12-165	32.5	12	46	29	22	24.5
JZQA-RS12-165B	32.5	12	45.5	29	22	24.5
JZQA-RS12-166	64	25	76	54	9.9	16.6
JZQA-RS12-167	46	20	68	21	28	31.5
JZQA-RS12-168	57	18	60.5	63	30	35.5
JZQE-RS31-169	44	12.08		23	10	14.3
JZQC-RS12-170	24.2	7.95	31	10	17	19
JZQC-RS32-171	30.3	10	35.5	32	15	16.5
JZQC-RS32-171B	30.3	10	35.5	32	15	16.5
JZQA-RS12-172	36.5	15.4	38.8	24	24	27
JZQC-RS12-173	19	8.3	25	12	15	16.5
JZQC-RS12-174	19.1	6	25	12	14	15.5
JZQA-RS31-175	43.2	17		32	27.5	28.5
JZQA-RS12-176	46	19	68	21	28.5	31.5
JZQA-RS11-177	46	19	68	21	28.5	31.5
JZQC-RS12-178	28.4	14	37.6	12	21.5	23.5
JZQC-RS12-178B	28.1	12	37.6	12	21.5	23.5
JZQC-RS12-179	21.8	10	27	10	13.2	15
JZQC-RS12-180	19	8.3	25	12	15.2	16.5
JZQC-RS12-181	23.5	12	28.5	12	13.2	14.5



JZ series No:09

Model	Outside diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of the spoke ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQC-RS12-182	22.6	8	28	10	13.7	17.5
JZQA-RS12-183	28	14	39	21	21	23.5
JZQA-RS12-183B	28.1	14	39	21	21	23.5
JZQA-RS12-184	31	12	40	21	25.5	28
JZQA-RS12-184B	30.5	11.6	40	21	25.5	28
JZQA-RS12-184C	30.5	12.3	40	21	24.5	28
JZQA-RS12-185	22.6	8	28	10	15.7	19.5
JZQC-RS31-186	46	18	54	24	26	28
JZQA-RS11-187	30.5	12	46	25	28.5	31
JZQA-RS11-188	34	12	50	28	26	28.5
JZQA-RS12-189	43.5	16	60.5	23	30	33.5
JZQA-RS12-189B	43.5	15.8	60.5	23	30	33.5
JZQC-RS32-190	23.1	9	27	24	13.2	16
JZQC-RS32-191	23.2	10	28.5	16	13.7	15.5
JZQC-RS32-191B	23.2	10	29	16	13.7	15.5
JZQC-RS32-191C	23.2	8	29	16	13.7	15.5
JZQC-RS32-191D	23.2	10	29	16	14.3	15.5
JZQC-RS32-191E	23.2	10.5	29	16	14.3	15.5
JZQA-RS11-192	31	12	46	29	22	24.5
JZQE-RS12-193	74	33	85	81	12	12
JZQC-RS32-195	23.2	9	30	12	19	20.5
JZQC-RS32-195B	23.2	8	30	12	19	20.5
JZQA-RS11-196	36.6	15	39.7	31	15	17
JZQA-RS11-196B	36.6	15	39.7	31	15	17
JZQC-RS31-197	36.2	14	41.5	36	21.5	26
JZQA-RS12-198	33.5	14	51	28	27	30
JZQA-RS32-199	35.5	14	38.5	30	19	21
JZQC-RS32-200	25.5	8	30.5	24	15.8	17.5
JZQC-RS31-200B	25.5	8	30.5	24	15.8	17.5
JZQA-RS12-201	37	14	52.5	23	22	24.5
JZQA-RS11-202	45.5	18	63	29	26	30
JZQC-RS12-203	22.2	8	27.5	16	13.5	14.5
JZQC-RS12-203B	22.2	10	27.5	16	13.5	14.5
JZQA-RS32-204	20.3	7	22.3	23	13	20.3
JZQA-RS12-205	45.5	17	64	33	30	34
JZQA-RS12-206	52	22	72	37	30	34
JZQC-RS12-207	26.5	10	34	12	15.7	18
JZQA-RS11-208	33.5	10	47.5	21	29	32.5
JZQA-RS11-208B	33.4	9.76	47.5	21	29	32.5
JZQC-RS12-209	25.5	12	32	12	15.8	17.6

JZ series No:10

Model	Outside diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of the spoke ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQC-RS12-210	22.5	12	30.5	10	18.5	21
JZQA-RS12-211	40.5	16.5	51	27	31	34.5
JZQC-RS31-212	46	18	54	48	26	28
JZQC-RS32-213	15.5	8	20	10	12.3	13
JZQC-RS32-213B	15.2	8	20	10	12.1	13
JZQC-RS32-214	23.2	8	29.5	12	14.5	16
JZQC-RS32-215	20.4	10	26	12	14.1	16
JZQC-RS32-215B	20.4	10	26	12	14.1	16
JZQA-RS31-216	28	12	30	23	16	18
JZQA-RS12-217	45.5	19	67	23	27	31.5
JZQC-RS12-218	16.7	8	22	12	12.5	14
JZQA-RS32-219	47	17	56	40	26.5	31.5
JZQA-RS32-219B	47	17	56	40	26.5	31.5
JZQA-RS32-219C	47	17	56	40	26.5	31.5
JZQA-RS12-220	28.5	12	39	21	23.5	26
JZQA-RS12-220B	28.5	11.9	39	21	23.5	26
JZQC-RS32-221	25.1	8	38	20	13	17
JZQC-RS32-222	22	8	28	12	14.5	16
JZQA-RS12-223	36	14	46	23	38	42
JZQA-RS12-223B	36	14	46	23	38	42
JZQA-RS12-223C	35.5	14	45.3	23	38	42
JZQA-RS11-223D	36	14	46	23	38	42
JZQA-RS11-224	37	15	49.5	27	28.5	33.5
JZQA-RS11-225	37	15	51	27	30	33.5
JZQA-RS12-226	30.5	11.6	40	21	24.5	29
JZQA-RS11-226B	30.5	12	40	21	24.5	29
JZQA-RS12-227	32.2	12.6	40.35	16	17.6	20.4
JZQC-RS32-228	29	12.8	34.5	22	17.5	20
JZQA-RS12-229	47	17	55	20	26	32
JZQA-RS11-230	33	14	47	25	27	29.5
JZQA-RS11-231	40.5	16.5	58	27	31	34
JZQA-RS11-231B	40.5	18	56	27	31	34
JZQA-RS11-231C	42	17	56.5	27	31	34
JZQC-RS32-232	28.4	8	35.6	20	18	19.5
JZQC-RS32-232B	28.4	8	35.6	20	18	19.5
JZQA-RS32-233	55	17	64	21	32	36
JZQA-RS12-234	32.5	13	42	24	24	27
JZQA-RS32-235	55	25	67	42	42	46.5
JZQA-RS32-236	55	25	67	42	42	46.5
JZQC-RS12-237	28.1	14	36.8	12	19.2	21



JZ series No:11

Model	Outside Diameter φ (D1)	Bore φ (d)	Outside diameter φ of fit table or lock φ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQA-RS12-238	44	18.8	56	27	26	29.5
JZQA-RS12-238B	45.5	16.5	56	27	26	30.5
JZQA-RS12-238C	44	18.8	56	27	26	32.3
JZQA-RS12-238D	44	15.8	56	27	26	29.5
JZQA-RS11-239	30	13	47	25	23	25.5
JZQC-RS32-240	24.1	8	30	12	19.5	21
JZQA-RS32-241	35	16	42	24	22	23.8
JZQC-RS12-244	16.5	8	22.5	10	12.2	14
JZQC-RS32-245	20	9	25.5	10	11.6	13
JZQC-RS32-245B	20.5	8	25.5	10	11.6	13
JZQC-RS12-246	18.1	8	24	10	14.2	15.5
JZQE-RS12-247	19.5	4		7	3	5.5
JZQA-RS31-248	27.6	8	40	23	25	28
JZQC-RS32-249	24.3	10.2	30	21	14.6	16.5
JZQA-RS12-250	31	12	40	21	27	29.5
JZQA-RS11-250B	31	13	40	21	27	29.5
JZQC-RS12-251	36	12	44.5	16	20	23
JZQA-RS32-252	46	19	47	56	29	35
JZQC-RS31-253	46	17	54	16	29	32.5
JZQC-RS31-253B	46	15	54	16	29	32.5
JZQC-RS32-254	12	4	15	12	9.3	10
JZQC-RS32-254B	12	3.175	15	12	9.3	10
JZQC-RS12-255	24.3	8	29	24	16	20
JZQC-RS32-256	24.3	9.09	34.5	10	20	22.1
JZQC-RS32-257	25.1	8	31	20	17	19
JZQA-RS11-258	33.5	13.5	46	29	22	27
JZQC-RS32-259	24.2	8	31.5	14	16.5	18.5
JZQC-RS32-259B	24.2	8	31.5	14	16.5	18.5
JZQC-RS32-260	36	12	42.5	32	20.5	23
JZQA-RS12-261	39.5	15.5	60	21	43.5	47.5
JZQA-RS12-261B	39.5	16	59	21	43.5	47.5
JZQA-RS12-262	38.5	14	52.5	28	35.5	38
JZQA-RS12-263	30.5	12.1	46	29	22.2	24.3
JZQA-RS12-264	30.5	12.1	49.5	29	22.2	24.3
JZQC-RS12-265	13.4	5	18	7	11.2	13
JZQA-RS11-266	32.5	13	49.5	23	33	36.2
JZQB-RS11-266B	32.5	13	49.5	23	33	36.2
JZQA-RS12-267	36	10	38.5	41	15	17
JZQC-RS32-268	23.1	9	28	18	13.1	15.5
JZQA-RS12-269	43.3	15	63	21	43.5	49.5

JZ series No:12

Model	Outside Diameter φ (D1)	Bore φ (d)	Outside diameter φ of fit table or lock φ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQC-RS32-270	25.1	12	32	21	21	23
JZQC-RS32-270B	25.1	12	32	21	21	23
JZQC-RS32-270C	25.1	12	32	21	21	23
JZQC-RS32-271	19.7	8	26.9	16	12.5	13.5
JZQC-RS32-272	45.5	17	52	42	29	32
JZQC-RS32-273	52.5	20	71	31	41	45
JZQC-RS32-274	19.1	12	24	12	14.5	16
JZQC-RS12-275	29.6	11	34.5	22	14.5	17.5
JZQA-RS12-276	22.3	8	24	10	14	15.5
JZQC-RS12-277	22.5	12	31.4	10	18.8	21
JZQC-RS12-278	22.5	9	30	10	16.3	17.5
JZQC-RS12-279	28	14	36.8	12	19.5	21
JZQA-RS12-280	28	12	40	21	17.5	25
JZQC-RS31-281	25.5	12	30.5	24	13.8	15.5
JZQA-RS11-282	30	13	46.8	25	22	24.5
JZQC-RS32-283	18.3	8	24.2	12	12	14
JZQC-RS32-283B	18.3	8	24.2	12	12	14
JZQC-RS32-283C	18.3	8	24	12	12	14
JZQA-RS31-284	105.5	40	117	75	50	53
JZQA-RS31-285	105.5	40	117	100	45	48
JZQA-RS31-286	60	17	67	48	34	38
JZQC-RS31-287	22.1	8	28	19	14.5	22.5
JZQC-RS12-287B	22.1	8	28.5	19	14.5	22.5
JZQA-RS12-288	30.8	12.9	40	21	27	30
JZQA-RS12-289	37.5	15	49.5	27	31	34.5
JZQB-RS31-290	33	14	47	25	27	28
JZQA-RS11-291	52.5	20	71	35	41	45
JZQC-RS12-292	28.3	10	35	20	15.3	17
JZQC-RS12-292B	28.3	10	35.5	20	15.1	17
JZQC-RS12-292C	28.3	11.5	35.5	20	15.1	17
JZQC-RS12-292D	28.3	12	35.5	20	15.1	17
JZQC-RS12-293	13.1	4.8	18	7	11.1	12.5
JZQC-RS32-294	20	9.8	25.6	12	14	15.8
JZQC-RS12-294B	19.7	9.8	25.6	12	14	15.8
JZQC-RS32-295	24.2	8	31.7	12	19.3	21
JZQC-RS32-296	22.3	8	28.4	12	14.6	16
JZQA-RS12-297	28.2	12.2	38	21	15.5	25
JZQA-RS12-298	28.2	12	39	21	20	23.5
JZQA-RS32-299	73.5	26	87	81	34	39
JZQC-RS12-300	19	8	25	12	14	16



JZ series No:13

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of fit table or lock ϕ (D)	Pcs (N)	Height of Copper ϕ (L) Hex Bar	Height(H)
JZQC-RS12-301	22.7	10	29	10	14.5	16.5
JZQC-RS32-302	32.2	12	39.5	16	19.9	22
JZQC-RS32-302B	32.2	12	41	16	19.5	22
JZQC-RS32-302C	32	14	41	16	19.5	22
JZQC-RS32-302D	32	12.5	40	16	19.9	22
JZQC-RS32-302E	32.1	12	40	16	19.9	22
JZQA-RS11-303	46.5	19		28	33	35
JZQA-RS11-304	46.5	19		14	33	35
JZQC-RS12-305	18.9	8	23.5	11	12.7	13.2
JZQA-RS31-306	33	10.3	38	32	25	28
JZQA-RS11-307	39	15.5	52.5	33	24.5	29
JZQA-RS11-308	37	14	49.5	23	38	44
JZQA-RS11-308B	37	14	49.5	23	38	44
JZQA-RS11-309	32.5	13	46.8	23	33	35.5
JZQC-RS31-310	25.2	10	29.5	16	13.2	15
JZQC-RS12-311	21.5	7	27.5	8	12.3	13.5
JZQC-RS32-312	25	10	31.4	12	14	16.5
JZQC-RS32-313	18	6	23	10	14.4	16
JZQA-RS11-314	60	20.5	61.5	35	57	61
JZQC-RS32-315	25.5	10	30	24	15.3	17.2
JZQC-RS32-316	23.2	8	27.6	24	14	17
JZQA-RS11-317	33.5	13.5	46	21	22	27
JZQC-RS32-318	31.5	8	38.5	16	18.8	22.5
JZQC-RS32-318B	31.5	8	38.5	16	18.8	22.5
JZQA-RS11-319	61.5	20	70	48	42	45
JZQC-RS32-320	25.1	8	33	12	21.4	23
JZQC-RS12-321	24	8	31	12	16.1	18
JZQC-RS32-321B	24.3	8	31	12	16.2	18
JZQC-RS12-321C	24.2	12	31	12	15.8	18
JZQC-RS32-322	15.2	5	19.5	10	14.2	15.5
JZQC-RS31-323	23.2	8	27	24	14.8	17.5
JZQA-RS11-324	29.8	12	46.5	29	22.1	25
JZQC-RS32-325	13.1	4.76	17	7	9	10
JZQE-RS12-326	49	13.2		16	14	15
JZQA-RS12-327	45	17.5	49	25	54	56.5
JZQC-RS32-329	22.3	12.2	30.5	10	19.5	20.8
JZQC-RS32-330	23.2	6	30	12	15.7	17
JZQC-RS32-330B	23.2	9	30	12	15.7	17
JZQC-RS12-331	22.5	9	30	10	16	17.5
JZQC-RS31-332	17.7	7	24.5	12	14.6	16.2

JZ series No:14

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of fit table or lock ϕ (D)	Pcs (N)	Height of Copper ϕ (L) Hex Bar	Height(H)
JZQA-RS11-333B	33.5	13	49.5	23	27	31
JZQC-RS32-334	35.5	14	38.5	15	23	25
JZQC-RS32-335	20.3	7	25.5	12	11.7	13.5
JZQB-RS31-336	40	15.5	60	21	35.5	41
JZQB-RS12-337	31	12.2	50.8	28	27	29.6
JZQB-RS12-337B	31	12.2	50.8	28	27	29.6
JZQC-RS32-338	18.9	7	23	16	11.9	13
JZQC-RS32-338B	18.9	7		16	11.9	13
JZQC-RS32-339	16	7	20	16	11.9	13
JZQC-RS12-340	22.6	8	27.5	24	13.5	17.5
JZQC-RS32-341	30.3	8	36.5	20	16.9	18
JZQA-RS32-342	20.5	8	24	23	13.5	20
JZQA-RS32-342B	20.5	8	24	23	13.5	20.3
JZQA-RS31-342C	20.5	7	24	23	13.5	20.8
JZQA-RS12-343	42	18	64	23	33	35
JZQC-RS32-344	25	8	35.5	20	15.7	16.8
JZQA-RS31-345	74.2	22		55	23	27
JZQC-RS32-346	15.2	5	19.5	12	14.2	15.5
JZQC-RS32-346B	15.2	5	19.5	12	14.2	15.5
JZQC-RS12-347	18.4	8	23.5	10	12	13.5
JZQC-RS12-347B	18.9	8	24	10	12	13.5
JZQE-RS32-348	58	24.1	59	25	12	19.5
JZQC-RS32-349	25.5	9.525	29.7	24	15	19
JZQA-RS31-350	27	9.525		12	22	22
JZQA-RS31-351	28	8	30.5	23	16	22.5
JZQA-RS31-351B	28	8	30.5	23	16	22.5
JZQC-RS32-352	16.1	6	20.5	20	10.8	13
JZQA-RS11-353	41.2	17	63.8	27	34	37
JZQA-RS12-353B	42	17	56.5	27	34	37
JZQA-RS11-353C	41.2	16	56	27	34	37
JZQC-RS11-354	48.2	15.9	60	16	30.4	33
JZQC-RS11-355	33	11.1	43	16	21.1	23.25
JZQA-RS11-356	30.5	12.2	46.5	23	33	35
JZQC-RS31-357	28	8	35.5	16	16.9	18
JZQA-RS12-358	43.5	16	56	27	31	35
JZQA-RS12-358B	42.5	16	54	27	31	35
JZQA-RS11-359	36.5	12.01		16	22	25
JZQA-RS11-360	29.3	12.58	46.5	29	21.8	25.1
JZQA-RS11-361	37	16.5	49.5	27	28.5	32.8
JZQA-RS31-362	45	19	49.5	28	33	35



JZ series No:15

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of flange or lock ϕ (D)	Pcs (N)	Height of Copper Bar	Height(H)
JZQA-RS31-362B	45	19	49	28	33	35
JZQA-RS11-363	32.5	13	46.5	25	33	36.2
JZQC-RS12-364	22.2	8	28	10	15.5	17
JZQC-RS32-364B	22.2	10	28	10	15.5	17
JZQC-RS32-365	18.9	8	22	20	11	13
JZQA-RS11-366	50.3	22.2	73.8	29	48	52.5
JZQC-RS31-367	33.5	11.1	38.8	32	19.8	21.6
JZQC-RS32-368	20.2	5	26	12	13.7	15
JZQC-RS32-368B	20.2	7	26	12	13.7	15
JZQA-RS11-369	41.2	16	56.5	29	33	36
JZQA-RS11-369B	41.2	16	53.6	29	33	36
JZQC-RS32-370	23	8	28.8	18	16.7	20
JZQA-RS32-371	30	12	39	26	25	27.5
JZQA-RS32-371B	30	12	39.3	26	25	27.5
JZQC-RS31-372	46	19	55	28	32.8	35
JZQA-RS31-373	45	15.5	50	48	25	28
JZQA-RS31-373B	45	15.5	47	48	25	28
JZQC-RS32-374	24	8	39.6	20	11	17
JZQC-RS31-375	19.1	8	24	12	14	15.5
JZQC-RS32-376	22.5	8	28	12	16.3	17.5
JZQC-RS31-377	22.1	8	28	24	14.5	18.5
JZQC-RS12-378	18.1	9	23	10	13	14.5
JZQA-RS11-379	35.5	12	37	23	16	18.5
JZQC-RS31-380	25.5	12	30.5	24	15.8	17.5
JZQC-RS32-381	28	10	35.5	16	16	18
JZQA-RS11-382	32.5	12	47	25	22.1	26.5
JZQA-RS12-383	32.2	10	46.3	25	27	32
JZQA-RS12-384	29.5	12.5	44	29	22.2	24.7
JZQA-RS11-385	29.5	12	44	29	22.2	24.7
JZQA-RS12-386	29.5	12	45	29	22.2	24.7
JZQA-RS32-387	20.8	8	23	23	12	20
JZQA-RS11-388	33	10	47	25	27	31.8
JZQA-RS11-389	54.5	19	78	29	47	52
JZQA-RS11-389B	54.5	19	78	29	47	49.5
JZQA-RS11-390	53	19	74	29	44.5	50
JZQA-RS31-391	20.8	8	23	23	12.5	20
JZQA-RS31-392	20.8	8	23	20	12.5	20
JZQC-RS32-393	19.2	8	25.7	12	15	17
JZQC-RS12-394	22.6	10	29	12	13.5	14.5
JZQC-RS31-395	23	8	30.5	12	20.5	22

JZ series No:16

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of flange or lock ϕ (D)	Pcs (N)	Height of Copper Bar	Height(H)
JZQC-RS31-396	20.8	8	34.2	20	16.1	19.6
JZQC-RS32-397	16	5	21.5	8	15.6	17
JZQA-RS12-398	42.8	16.15	45	25	32	34.5
JZQA-RS12-399	42.8	16.15	45	23	32	34.5
JZQA-RS12-400	31	11	46.9	29	24.7	27.2
JZQA-RS31-401	40	16	42	24	20	23
JZQA-RS31-402	33.5	12	37	24	18	22
JZQA-RS12-403	39	15.5	55	25	36.5	39.5
JZQA-RS12-404	36.5	14	48.5	23	38.8	41.8
JZQC-RS12-405	23	8	28	16	13	14.5
JZQC-RS32-406	30.4	8	37.5	20	18	20
JZQC-RS32-407	15.3	8	21.1	8	11.5	13.5
JZQB-RS31-408	39.5	18	60.5	21	35.5	38
JZQC-RS32-409	20.5	8	24.5	24	10.7	12.5
JZQA-RS32-410	35.1	13	42	48	19	23.5
JZQA-RS11-411	38.5	15.5	52.5	23	34	36
JZQA-RS11-412	36.5	14	48.5	23	38	43
JZQA-RS11-413	36	14	55	25	35.5	39.5
JZQA-RS11-414	40.5	18	58.5	21	38	42
JZQA-RS12-415	41.5	20	59.3	41	23.5	27
JZQA-RS32-416	36	11.5	37	45	19	23
JZQA-RS12-417	35.5	13.9	45	23	38	43.5
JZQC-RS32-418	23	8	30.2	12	16.3	18.3
JZQA-RS11-419	41	17.5	47.2	21	36.3	40.5
JZQA-RS11-420	41.5	17	66.5	21	46	48.5
JZQA-RS12-421	42.8	16.15		25	27	29.5
JZQA-RS11-422	41	19	56	29	30	33.5
JZQC-RS32-423	23.3	12	30.2	12	12	13.5
JZQA-RS32-424	35.5	14	56.5	23	27	30.5
JZQC-RS32-425	18.3	8	23.8	12	12	14
JZQA-RS12-426	29.5	14	46	21	24.5	28.5
JZQC-RS32-427	15.2	5	20	8	15	16
JZQC-RS32-427E	15.2	5	20	8	15	16
JZQC-RS32-427C	15.2	5	20	8	15	16
JZQC-RS32-428	22.6	11	29	12	15	16.5
JZQC-RS32-428E	22.6	11	29	12	15	16.5
JZQC-RS32-429	19	5	25	8	13.8	15
JZQA-RS11-430	20.8	8	23.6	23	13.5	21
JZQC-RS12-431	22.5	8.06	30.5	12	14.5	16
JZQC-RS12-432	20.2	8.06	25.6	10	13.5	15.5



JZ series No:17

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of rib table or look ϕ (D)	Pcs (N)	Height to Copper Riv Bar (L)	Height (H)
JZQC-RS32-433	32.1	8	39	20	19	20
JZQC-RS32-434	28	10	34.2	40	15.5	18.5
JZQA-RS12-435	40	15.5	60	21	35.5	37.5
JZQA-RS11-436	32.5	12	46.5	23	33	35.5
JZQA-RS12-437	34.5	15.15	38.5	30	26	27
JZQA-RS12-438	39.5	15.5	56.5	23	34	37
JZQC-RS32-439	24.2	12	30.5	19	14.7	18.5
JZQA-RS12-440	40	19	55	27	32	35.5
JZQC-RS12-441	16.5	6	21	12	12.5	14
JZQC-RS32-442	23	8	30.2	12	13.8	15.8
JZQA-RS11-443	30	12	46.5	29	23	25
JZQA-RS11-443B	30	11	46.5	29	23	25
JZQA-RS11-443C	29.5	12	46.5	29	23	25
JZQA-RS11-444	30	12	47	25	30	31.5
JZQA-RS11-445	30	12	47	25	23	25
JZQA-RS11-446	33	12.2	46	28	27	29
JZQC-RS32-447	25	10	30.5	24	18.5	21
JZQC-RS32-448	23	8	29.5	12	13.5	15
JZQC-RS11-449	35.6	11.6	46.5	27	38	41.5
JZQC-RS12-450	26	8	31	17	12.3	14.5
JZQA-RS12-451	45.5	17	64	33	41	46.5
JZQA-RS11-452	30.5	11.85	40	21	27	31.5
JZQC-RS32-453	25.1	10	31	12	17.5	19.5
JZQC-RS32-453B	25.1	12	33	12	17.3	19.5
JZQC-RS32-454	25	10	30.5	24	17.5	19.5
JZQC-RS32-454B	25	12	30.5	24	17.5	19.5
JZQA-RS11-455	34.2	10.05	37.2	19	32	37
JZQC-RS32-456	25.5	10	32.5	16	13.8	16
JZQC-RS32-457	19.2	10	25	12	14	15.5
JZQC-RS32-458	19	8	26	12	15.7	16.8
JZQA-RS11-459	75	24	84.5	63	35.5	37.8
JZQA-RS11-460	28.5	12.5	39	21	23.5	25.5
JZQC-RS32-461	28.3	10	35	20	13.1	14.8
JZQC-RS32-462	25.5	8	33	12	19.8	22
JZQC-RS32-463	22.5	12	30	10	16.4	18
JZQE-RS32-464	20.5	5	25	8	5.7	8.5
JZQE-RS32-464B	20.5	5	24.7	8	5.7	8.5
JZQE-RS32-464C	20.5	5	24.7	8	5.7	8.5
JZQE-RS32-464D	20.5	5	25	8	5.7	8.5
JZQE-RS32-464E	20.5	5	25	8	5.7	8.5

JZ series No:18

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of rib table or look ϕ (D)	Pcs (N)	Height to Copper Riv Bar (L)	Height (H)
JZQA-RS12-465	28	11.3	41	21	24.5	26.5
JZQC-RS12-466	28.4	14	38.5	15	27.8	30.5
JZQC-RS32-467	32	12.7	39.5	16	20	20.5
JZQC-RS32-469	18.9	9	26	12	14.3	16
JZQA-RS11-470	32.5	12	47	23	33	37.2
JZQA-RS12-471	34	10.3	55	19	32	35
JZQC-RS32-472	23.3	8	30	12	16.3	18.5
JZQA-RS11-473	32	12.07	50	28	26	28.5
JZQC-RS12-474	20.5	10	26	12	12.5	14
JZQC-RS12-474B	20.3	10	26	12	12.5	14
JZQC-RS12-474C	20.3	8	26	12	12.5	14
JZQC-RS32-475	17.8	9	23.8	10	14.4	16
JZQC-RS12-476	24.3	8	31.5	12	16.5	18
JZQC-RS32-477	38.5	13	44	32	19.5	23.5
JZQC-RS12-478	15.8	8	21	10	11	13
JZQC-RS12-479	35.5	15	46	28	21	23
JZQE-RS12-480	78	23		25	13	23
JZQC-RS12-481	29.6	18	35	16	15	16.5
JZQC-RS32-482	16.5	6	21	12	11	12.5
JZQA-RS12-483	33	12.2	49	28	26	29.6
JZQA-RS12-483B	32.8	12	46	28	26	29.6
JZQA-RS11-484	35.5	15.75	46	19	19.5	23.5
JZQA-RS12-485	55.5	19	78	27	47	58.5
JZQC-RS32-486	19	9	25	12	14.3	16
JZQC-RS32-486B	19.1	9	25	12	14.3	16
JZQA-RS12-487	45	19	48.5	25	21	23
JZQC-RS12-488	24.7	10	31	10	14.6	17
JZQA-RS11-489	29.7	12	46.5	25	28.5	32.4
JZQA-RS11-490	29	12.28	40	23	24	27
JZQC-RS31-491	24	8	32.5	12	17.3	19
JZQA-RS11-492	30.5	12	45	29	22.1	24.5
JZQD-RS31-493	21	8	27.9	12	15.8	17
JZQD-RS31-494	40	15	51	20	24.5	26.3
JZQC-RS12-495	19.2	7	23	12	11.1	12.6
JZQC-RS12-496	21	9	25	24	10.5	13
JZQA-RS11-497	39.3	15	55	23	34	38
JZQA-RS11-498	36.5	14	52.5	23	35.5	38.5
JZQA-RS11-499	30.5	12	46	25	28.5	31
JZQA-RS12-500	36	16	46	28	20.5	23.5
JZQA-RS11-501	35.5	16	45.5	25	20	24



JZ series No:19

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of fit table or look ϕ (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
JZQC-RS32-502	15	8	20	8	13.5	15
JZQA-RS32-503	46.3	17	60	40	25	30
JZQC-RS12-504	29.6	18	35	16	17.5	19
JZQA-RS11-505	32.5	15.5	44.5	23	33	35.5
JZQA-RS12-506	30.2	10	30.8	45	14.5	17
JZQC-RS12-507	22.5	9	29	10	19.7	21
JZQE-RS32-508	20.5	3.175	25	8	4.2	8.5
JZQC-RS32-509	32	15	37	32	18	21
JZQC-RS32-510	15	4.5	18.3	10	7.8	10
JZQC-RS32-512	32	8	40.2	16	20	22.4
JZQA-RS11-513	33.5	15	45	28	23	28
JZQA-RS12-514	31	11	45.9	29	18.5	21
JZQA-RS12-514E	31	11	46.9	29	18.5	21
JZQA-RS12-515	31.5	11	49.5	29	18.5	21
JZQA-RS12-516	41	18	58.5	21	35.5	39.5
JZQC-RS32-517	30.3	8	37.5	20	18.1	19.5
JZQA-RS12-518	42.5	17.5	58.5	23	52	54.5
JZQA-RS12-519	48	17.5	49	32	29	31
JZQA-RS11-521	38.6	15.5	54	23	35.5	41
JZQA-RS11-521E	38.6	15.5	54	23	35.5	41
JZQA-RS11-521C	38.6	15	55	23	35.5	41
JZQA-RS11-522	49	21.98	72.8	37	57	61
JZQA-RS12-523	40	15.5	50.8	23	38.2	39.75
JZQA-RS12-524	43.5	15.72	59.8	23	30	32.5
JZQE-RS32-525	44.2	12.08		23	10	13
JZQE-RS32-525B	44.2	12.35		23	10	13
JZQE-RS32-525C	44.2	12		23	10	13
JZQB-RS11-526	51	22.2	77	25	50	54
JZQB-RS11-527	51	22.2	77	29	50	54
JZQB-RS11-528	33.2	10	47	25	28	30.5
JZQB-RS11-529	36.5	14	52	23	36.5	40.4
JZQB-RS11-530	37.5	16.5	51.2	27	28	33.5
JZQB-RS11-531	35.35	14	45.6	23	38	42
JZQB-RS11-532	43.7	19	64	21	30.5	34.5
JZQB-RS11-533	39.5	15.5	60.5	21	35.5	38
JZQA-RS12-534	31.5	11	50.1	33	18.5	21
JZQA-RS11-535	41.5	16	60.5	29	33	36
JZQA-RS11-536	83	30	108	69	47	55
JZQA-RS11-537	27.5	8	39	23	25	28
JZQA-RS12-538	27.5	8	40	23	25	28

JZ series No:20

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of fit table or look ϕ (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
JZQA-RS12-539	32.5	13	48.5	23	28.5	34
JZQA-RS12-540	36.5	12.3	46	23	38	42.5
JZQC-RS32-541	15.8	8	21.5	10	12.5	13
JZQC-RS32-542	18.9	8	22	24	8.2	10
JZQC-RS32-544	15	6.35	18.5	10	8.8	10
JZQA-RS11-545	33	11.9	45	29	22	24
JZQC-RS12-546	28.1	14	35.5	12	15.9	18
JZQA-RS12-547	37.5	12.7	47.5	19	26	29
JZQA-RS11-548	37.8	17		30	32.5	34
JZQA-RS12-549	43	16	60	25	30	32
JZQA-RS12-550	41.5	16.5	58.7	33	21.5	31
JZQA-RS11-551	37	15.2	52.5	33	19.5	24
JZQA-RS12-552	58.2	19		27	18	22
JZQA-RS12-553	43	18		19	35.5	41
JZQA-RS32-554	46.2	17	56	40	24	27
JZQC-RS32-555	20.5	3	24.7	8	5.7	8.6
JZQB-RS11-556	46	17.4	67.5	33	35.5	38.5
JZQB-RS11-557	46.2	17.4	67.5	27	37.5	41.5
JZQA-RS11-558	30.5	12	40	21	27	30.5
JZQB-RS11-559	34	12	51	29	25	26
JZQA-RS11-560	51	24	60.5	45	35.5	41.5
JZQA-RS11-561	33.2	12	50	23	35.5	38.5
JZQB-RS11-562	36	15.1	51	33	25.5	28
JZQA-RS11-563	30.5	12.5	42	13	29	33.5
JZQA-RS11-563B	30.5	10.3	42.6	13	29	33.5
JZQC-RS32-564	23.7	12	30.5	19	14.3	18.5
JZQC-RS32-565	31.9	12	39.5	16	18.5	20.5
JZQC-RS12-566	22.6	8	27.5	20	13.7	15
JZQC-RS32-567	29	12	40	23	24	27
JZQA-RS31-568	21	8	25	12	7	17
JZQA-RS32-569	46.3	20.5	49.5	36	32	33
JZQC-RS32-570	36	15	36.5	32	28	30
JZQC-RS32-570B	36	15	36.5	32	28	30
JZQC-RS32-571	32	12.7	39.5	16	18	21
JZQC-RS31-572	35	12	39	23	16	21.5
JZQA-RS11-573	36.5	13	46.8	23	33	35.5
JZQC-RS12-574	32.5	14	46	23	33	35.5
JZQC-RS32-575	30.4	10	37.5	20	16.1	17.5
JZQA-RS12-576	33	14	38	23	22	28
JZQC-RS12-577	16.7	9	22.5	10	12.2	14



JZ series No:21

Model	Outside Diameter φ(D1)	Bore φ(d)	Outside diameter of flange or lock φ(D)	Pcs (N)	Height of Copper Eye Bar (L)	Height(H)
JZQA-RS11-578	36.5	13	46.5	23	30	33.3
JZQA-RS11-578E	36.5	13	46.5	23	30	33.3
JZQA-RS12-579	74	18	78.5	75	28	33.5
JZQA-RS12-580	74	21	78.5	75	28	33.5
JZQA-RS32-581	38	17	45	32	24	26
JZQC-RS32-582	30.2	8	37.5	20	17.3	20.5
JZQA-RS12-583	32.6	13	46	23	27	31
JZQA-RS12-584	32.6	13	43	28	25	29.5
JZQC-RS32-585	19	6	24	12	17.9	19
JZQA-RS11-586	35	15	49	25	22.1	25
JZQA-RS12-587	29.5	12	44	26	25	28.5
JZQA-RS12-588	40	15.3	60	21	40	45
JZQC-RS32-589	18.9	7.99	23	12	12.5	13.8
JZQC-RS32-590	32.2	11	37	32	27	29
JZQB-RS31-591	40	15	44.5	21	35.5	40
JZQA-RS32-592	53	17	64	29	28	32.5
JZQE-RS12-593	71.5	13.2	79	24	6.8	23
JZQC-RS12-594	20.5	6.35	24.5	24	10.5	12.5
JZQA-RS12-595	20.9	6.35	22	24	10.5	12.5
JZQC-RS12-596	30	15	39	24	21	23
JZQA-RS11-597	36.5	14	53	23	38	42
JZQA-RS11-598	39.5	15	58.8	21	40.3	44
JZQC-RS32-599	30.3	8	38.5	20	18	19.5
JZQC-RS32-600	15.2	6	20.5	12	13.5	14
JZQC-RS32-601	20.2	9	25.7	12	18.5	20
JZQA-RS12-602	39.5	16	61	21	43.5	47.5
JZQA-RS12-603	32.5	10	42	21	23	25.5
JZQA-RS12-604	48	16	55	29	21	28.5
JZQA-RS12-604E	48	16	54.8	29	21	29
JZQA-RS11-605	30	12	46	29	23	25
JZQC-RS32-606	35	8	40	20	21.5	24.5
JZQC-RS32-607	26.5	10	34	12	25	27
JZQE-RS11-608	52.5	16		19	6.5	16
JZQE-RS11-608E	52.5	16		19	6.5	16
JZQC-RS32-609	20.2	9	27	12	18.5	20
JZQA-RS11-610	30	13.4	46	25	22	25
JZQA-RS12-610E	30	13.4	46	25	22	25
JZQC-RS32-611	23.2	8	30.5	12	18	18.9
JZQA-RS11-612	35.3	16	45	23	21	25
JZQA-RS11-613	34.3	12.5	52	29	27	29

JZ series No:22

Model	Outside Diameter φ(D1)	Bore φ(d)	Outside diameter of flange or lock φ(D)	Pcs (N)	Height of Copper Eye Bar (L)	Height(H)
JZQA-RS11-614	34.4	10	55.5	19	29	35
JZQC-RS12-615	22.3	12.2	30.8	10	19	21
JZQC-RS12-616	32.2	12.7	38	16	17.4	19.7
JZQC-RS32-617	19.2	9	25	12	14	15.5
JZQE-RS32-618	23	4	28.5	10	6.5	10
JZQE-RS32-618B	22.5	4	28	10	6.5	10
JZQA-RS11-619	29.5	11.5	40	21	24	26.8
JZQC-RS12-620	20.3	10	26	12	13.8	15
JZQA-RS12-621	55	18	67	33	28	32.5
JZQB-RS12-622	40	15	53.8	21	35.5	40
JZQC-RS32-623	23	8	28	20	13.5	16
JZQC-RS32-624	25	8	35.5	16	15.7	16.8
JZQC-RS12-625	24	8	30	20	12	17
JZQA-RS11-626	41.2	16	56	27	29	32
JZQA-RS11-627	41.2	16	52.8	29	29	32
JZQA-RS12-628	31.5	12.2	43.8	17	31	34
JZQC-RS12-629	19	8	23	12	10	10.5
JZQA-RS12-630	44	19	47	36	27.5	28.5
JZQC-RS32-631	16	8	21.5	10	14.5	15.5
JZQA-RS12-632	31	12.2	45	28	27	29.8
JZQA-RS12-632B	31	12.2	45	28	27	29.8
JZQC-RS12-634	30.1	15	38	24	21	23
JZQA-RS32-635	35	14	50	40	27	28
JZQA-RS32-635E	35	14	40	20	27	28
JZQA-RS12-636	36.5	15	44.5	23	20	23.5
JZQA-RS12-637	44	16.8	56	27	31	35
JZQC-RS32-638	19.2	10	24.5	12	14.5	15.8
JZQA-RS32-639	44	19	50	20	33	35
JZQA-RS11-640	40	15	55	23	35.5	38
JZQA-RS12-640E	40	15	55	23	35.5	38
JZQA-RS11-641	104	35.5	117.5	113	28.5	40
JZQA-RS12-642	30.2	11.2	40.4	21	25.5	27.5
JZQC-RS32-643	47	16	53.6	32	23.5	25.5
JZQA-RS12-644	36	15.8	46	33	21	23.5
JZQA-RS12-645	30	12.4	50	28	27	29.6
JZQA-RS11-646	33	15	45.5	25	28.5	32.5
JZQA-RS12-647	55.5	22	77	25	58	62
JZQA-RS12-648	37.2	18	40	31	15	16
JZQC-RS32-649	23.2	10	28.5	16	13.7	16
JZQA-RS11-650	32.5	12.07	50	28	26	29.5



JZ series No:23

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of lift table or look ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQE-RS32-651	47.6	13	56.5	16	12.5	18.5
JZQA-RS12-652	33	12	43	28	22	27
JZQA-RS12-652B	33	13	42.9	28	22	27
JZQA-RS12-652C	33	13	42.9	28	22	27
JZQA-RS12-653	43.5	17	58	23	48.5	55
JZQA-RS12-653B	43.5	17	44	23	48.5	55
JZQA-RS32-654	16.5	10.8		15	9.4	9.4
JZQC-RS32-655	23.2	11	30	12	17.5	19
JZQB-RS31-656	26.5	9	34.5	24	17	17
JZQA-RS12-657	41	15.8	56	29	30	33.5
JZQA-RS11-658	43	19	68	29	61	65
JZQA-RS11-658B	43	19	68	29	61	65
JZQA-RS32-659	20.5	8	24	23	12.5	20.3
JZQA-RS32-660	20.5	8	24	19	12.5	20.3
JZQC-RS12-661	13.1	5	18.8	8	13.3	14.5
JZQA-RS11-662	30.5	12	46	25	22	24.5
JZQC-RS32-663	19	6	25	12	14.3	16.5
JZQE-RS32-664	48	13.4	57.5	16	12.5	24.5
JZQC-RS32-665	28	8	34	20	15.7	17
JZQA-RS12-666	28.5	12	39	21	23.5	26
JZQA-RS11-667	32	14	49	28	26	32
JZQA-RS32-668	30.2	13	31.3	32	16	18.5
JZQC-RS31-669	48	19	56	40	31	33
JZQC-RS32-670	30.3	13	35.5	32	15	17.5
JZQC-RS12-671	16.7	9	23	12	13.8	14.8
JZQC-RS12-672	48	16	52	21	27	30
JZQC-RS12-673	48	16	52	42	27	30
JZQA-RS12-674	31	11	45.9	29	24	27.2
JZQC-RS32-675	31	11	50.2	29	18.5	21
JZQC-RS32-676	33.5	12.7		45	16.6	19.8
JZQC-RS31-677	24.9	8.1		24	12.7	16
JZQC-RS11-678	38.6	15.5	54	23	35.5	38
JZQC-RS32-679	32.2	11	39	16	26.5	30
JZQC-RS12-680	30.7	13	40	21	25	29
JZQC-RS31-681	25.2	8	26.5	31	16	27.5
JZQC-RS12-682	35	15	43	24	21.5	23
JZQC-RS11-683	28.5	11.3	44	26	27	29.2
JZQC-RS11-683B	28.5	11.24	44	26	27	29.2
JZQA-RS11-684	33.5	12.5	49.5	23	28.5	33
JZQA-RS11-684B	33.5	12.5	49.5	23	28.5	33

JZ series No:24

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of lift table or look ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
JZQA-RS12-685	32.5	12.2	48	29	23	26.4
JZQA-RS12-686	37.5	16	40	31	15	16
JZQA-RS12-686B	36.6	16	39.7	31	15	17
JZQC-RS32-687	20.2	9	26	10	13.7	15
JZQE-RS12-688	59	24.1	58	25	34.9	22
JZQE-RS12-689	59	24.1	58	25	34.9	19.5
JZQA-RS12-690	41.8	15.6	56.5	27	31	33
JZQC-RS32-691	24.2	12	31.5	21	18.9	20
JZQA-RS12-692	30	13	46	29	23	25.5
JZQA-RS32-693	16.5	6	21	12	12.3	13.5
JZQA-RS12-694	30.5	11	50	19	34	36.5
JZQC-RS32-695	26.5	8	32.5	16	14	24
JZQC-RS12-696	22.6	8.2	29	12	14.8	16
JZQA-RS12-697	46	18.9	67.5	33	26	32
JZQA-RS12-697B	46	18.9	67.5	33	26	32
JZQC-RS12-698	30	12	46	29	22.1	24.5
JZQC-RS12-698B	30	12	46	29	22	24.5
JZQC-RS12-699	51	22.2	77	37	50	54
JZQA-RS11-700	33.5	16.5	46	29	22	27
JZQB-RS11-701	42	15.9	78.5	21	34	38
JZQA-RS12-702	30	15	44.5	28	26	29.5
JZQC-RS12-703	19.2	8	25.5	12	11.5	13
JZQC-RS32-704	20	6	26	12	15.5	17
JZQA-RS32-705	85	30	108	57	50	60
JZQC-RS32-706	24.2	12	31.5	12	18.9	20.2
JZQA-RS12-707	34.2	11	46.9	29	20.9	23.9
JZQA-RS12-708	32.5	16	47.5	29	22	24.5
JZQA-RS12-709	27.5	9.5	40.4	23	25	28
JZQA-RS11-710	38.6	15.5	42	23	35.5	38
JZQC-RS12-711	20.2	8	25.6	16	12.5	14
JZQA-RS12-712	36.5	14	52	23	35.5	38.5
JZQA-RS11-713	32.5	12	46.5	23	33	37
JZQA-RS11-714	33.7	15.5	46.5	29	22	28
JZQC-RS32-715	22.5	9.47	30.5	10	17.2	20.9
JZQC-RS32-716	16.4	8.155	24	10	14	16.3
JZQE-RS32-717	47.6	13.3	56.5	16	12	24.77
JZQA-RS31-718	36.5	13	40.2	24	22.5	25
JZQA-RS11-719	31	12	45	29	29	31.5
JZQA-RS11-720	32.5	15.5	42	21	21	27.7
JZQA-RS11-721	28.5	12	44	26	21	24



JZ series No:25

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of flange or lock ϕ (D)	Pcs (N)	Height of Copper Riv Bar (L)	Height(H)
JZQA-RS12-722	22.6	12	30	10	20	22
JZQC-RS12-723	28.1	14	36	12	18	20
JZQA-RS11-724	32.5	12.5	50	29	27	29
JZQA-RS11-725	30.6	14	46	28	27	30
JZQA-RS31-726	22	8	25.5	23	13.5	20.8
JZQB-RS11-727	32.5	10.3	48.5	23	35.5	43
JZQA-RS11-728	32.5	17.5	45	21	23	30
JZQA-RS11-729	30	12.58	50	29	22.2	25
JZQC-RS31-730	46	23	53.5	20	26	29.5
JZQC-RS32-731	32.2	11	37	32	20	23
JZQA-RS12-732	31	11.6	42.6	21	25.5	28
JZQC-RS12-733	24.2	8	30	13	13	15
JZQC-RS32-734	18	7.1	23.8	20	13	17
JZQC-RS32-735	34.3	10	40.7	24	18.5	27.2
JZQC-RS12-736	18.3	8	24.2	12	12	14
JZQC-RS32-737	23	8	28	20	12.3	18.3
JZQA-RS11-738	30.5	12	46	29	22.1	24.5

DZ series No:01

DZQD-RS32-01	23.7	10	28	24	14.1	16.5
DZQD-RS32-01B	23.7	9	28	24	14.1	16.5
DZQB-RS32-02	24	10		24	14	17
DZQB-RS32-02B	23.5	10	24	24	14	17
DZQB-RS32-02C	23.5	9.5	24	24	14	17
DZQB-RS32-03	29	12		24	14.2	17.3
DZQB-RS12-03B	28.5	11	29	24	14.2	17.3
DZQB-RS32-04	28.5	12	29	24	17	20
DZQB-RS32-04B	28.5	11	29	24	17	20
DZQB-RS12-04C	29	12		24	17	20
DZQB-RS12-05	23.5	10	24	24	14	17
DZQB-RS32-06	36.3	13	39.5	32	21	24
DZQD-RS32-07	28.1	12	34	24	15.7	18.2
DZQD-RS32-08	22.1	10	28	24	15	18
DZQD-RS32-08B	22.6	10	28.5	24	15	18
DZQB-RS32-08C	22.1	9	28	24	15	18
DZQD-RS11-09	27.2	12	32	24	17	21
DZQB-RS12-10	28.5	12	29	24	14.2	17.3
DZQA-RS12-11	21.5	9	22.5	24	12.2	14
DZQA-RS12-11B	22	9	22.5	24	12.2	14
DZQA-RS12-11C	21.5	8	22.5	24	12.2	13.5

DZ series No:02

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of flange or lock ϕ (D)	Pcs (N)	Height of Copper Riv Bar (L)	Height(H)
DZQD-RS12-12	23.2	10		24	14	18.9
DZQD-RS12-13	23.2	8	27.5	24	14	18.9
DZQA-RS12-14	23	9	23.6	24	12	14
DZQA-RS12-15	22.5	7	22.8	24	10	11
DZQA-RS12-15B	22.5	7	22.8	24	10	11
DZQA-RS12-16	24	10		24	14	17
DZQA-RS12-17	23.5	10	24	24	14	17
DZQA-RS12-18	28.5	12	29	24	17	20
DZQA-RS31-19	23.5	10		24	14	17.5
DZQA-RS31-19B	23.5	9		24	14	17.5
DZQA-RS31-20	37.5	14	38.5	32	25	31
DZQA-RS31-20B	37.5	13	38.5	32	25	31
DZQA-RS11-20C	37.5	14	39	32	25	31
DZQA-RS31-21	37.5	14	38.5	32	20	26
DZQA-RS31-22	36.5	14	39	36	20	25.5
DZQA-RS31-23	27	12	28	24	16	19
DZQA-RS31-24	32.1	14	33.5	28	23.5	25.5
DZQA-RS31-25	32.1	14	33.5	28	18	20
DZQC-RS31-26	22.1	10	28	24	15	18.5
DZQA-RS12-27	32.5	12		28	18	20
DZQD-RS32-28	28.1	10.36	33	24	15.7	18.2
DZQD-RS32-28B	28.1	11	33	24	15.7	18.2
DZQA-RS31-29	37.5	13	39	32	23.3	27.5
DZQA-RS12-29B	37.5	13	39	32	23.3	27.5
DZQD-RS32-30	28.1	12	33	24	16.8	21
DZQD-RS32-30B	28.1	12	33	24	16.8	21
DZQD-RS32-30C	28.4	12	33	24	16.8	21
DZQD-RS11-30D	28.1	12	33	24	16.8	21
DZQD-RS32-31	28.2	10.5	34	24	17	20
DZQD-RS32-31B	28.3	10.5	33.5	24	17	20
DZQD-RS32-31C	28.3	10.5	32	24	17	20
DZQC-RS12-32	23.5	8	27.5	24	14	18.9
DZQC-RS12-32B	23.5	9	27.5	24	14	18.9
DZQC-RS31-32C	23.2	8	27.5	24	14	18.9
DZQC-RS12-33	23.5	10	27.5	24	14	18.9
DZQA-RS12-34	37.5	14	39	32	20	25.5
DZQA-RS12-34B	37.5	13	39	32	20	25.5
DZQA-RS12-35	36.5	14	39	36	20	25.5
DZQA-RS12-35B	36.5	13	39	36	20	25.5
DZQC-RS32-36	22.1	12	28	24	15	18.5



DZ series No:03

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of fit table or lock ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
DZQC-RS31-37	23.2	10	27.5	24	14	18.9
DZQA-RS12-38	36.5	14	39	36	22	26
DZQA-RS31-39	36.5	14	39	36	22	26
DZQA-RS12-40	37.5	14	39	32	23.3	27.5
DZQA-RS12-41	23	8	23.6	27	12	14
DZQD-RS32-42	23.7	10	28	24	15.6	18
DZQD-RS32-42B	24	10	28	24	15.6	18
DZQA-RS31-43	27	12	28	22	16	19
DZQA-RS31-44	37.5	14	38.5	36	25	31
DZQB-RS12-45	24	10		24	17	20
DZQB-RS12-45B	23.5	10	24	24	17	20
DZQA-RS12-46	37.5	14	38.5	32	25	29
DZQA-RS12-46B	37.5	16	38.5	32	25	29
DZQA-RS12-47	37.5	14	38.5	36	25	29
DZQA-RS12-47B	37.5	14	38.5	36	25	31
DZQD-RS32-48	25	8	30	24	17	18.9
DZQD-RS32-48B	25	8	30	24	17	18.9
DZQA-RS12-49	23.5	10	24	36	14	17
DZQD-RS31-50	28.1	10	33	24	17	19
DZQA-RS31-51	34	13	35.4	28	20	20
DZQA-RS31-52	36.5	13	39.6	28	25	30
DZQA-RS31-53	30	10	32	24	18	20
DZQA-RS31-54	33.5	11	34.8	32	18	18
DZQA-RS31-55	36.4		39.5	32	24	29
DZQA-RS31-56	37.6	13	42	32	25	30.5
DZQA-RS31-57	24.8	9	26.6	24	13	13
DZQA-RS12-58	23.6	8	24	24	14	14
DZQA-RS31-59	24	10	24.4	24	14	14
DZQA-RS31-60	37	14	40	36	23	24.5
DZQA-RS31-61	37.5	13	38.5	32	25	28
DZQA-RS12-62	28.5	12	29	30	17	20
DZQA-RS12-63	34	13	35	28	20	22
DZQA-RS12-64	21.5	9	22.5	24	14	16
DZQB-RS32-65	37.5	14	39	32	23	27
DZQB-RS31-65B	37.5	14	39	32	23	27
DZQB-RS32-66	37.5	14	39	32	25	29
DZQB-RS31-66B	37.5	14	39	32	25	29
DZQB-RS32-67	36.5	14	39	36	22	29
DZQB-RS31-67B	36.5	14	39	36	22	26
DZQA-RS32-68	25.3	9	25.8	24	14	16

DZ series No:04

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter of fit table or lock ϕ (D)	Pcs (N)	Height of Copper Bar (L)	Height(H)
DZQC-RS12-69	23.1	9	27	24	11.7	13.2
DZQC-RS12-70	22.1	7	26	24	10.2	11.2
DZQD-RS31-71	24.8	8	29	24	17	19
DZQA-RS12-72	34	13	35	32	22	25
DZQB-RS32-73	22.1	10	22.5	24	15	18
DZQB-RS32-73B	22.6	10		24	15	18
DZQA-RS12-74	27.1	10	28	36	13	16
DZQC-RS31-75	20.5	8	25	16	12.8	14.5
DZQA-RS31-75B	20.5	8		23	12.8	14.5
DZQB-RS31-76	28.5	12		24	17	20.5
DZQD-RS32-77	28.1	8	34	24	17	19
DZQA-RS32-78	29	12		28	17	20
DZQA-RS32-78B	28.5	11	29	28	17	20
DZQA-RS32-79	29	12		32	17	20
DZQD-RS31-80	30.3	12	35.5	24	19.5	21.4
DZQD-RS32-80B	30.3	15	35.5	24	19.5	21.4
DZQD-RS12-80C	30.3	15	35.5	24	19.5	21.4
DZQB-RS32-81	25.5	10		24	14	17
DZQB-RS32-81B	25	10	25.5	24	14	17
DZQB-RS32-81C	25	10	25.5	24	14	17
DZQD-RS32-82	22.6	10	28.5	24	15	18.5
DZQA-RS32-83	34	13	35	28	25	30.5
DZQD-RS32-84	28.4	12	34	24	19.4	21.4
DZQA-RS32-85	30.5	13	31	32	18	21
DZQA-RS32-86	32.5	13	33	28	21	24
DZQA-RS12-87	30	11	31	36	17	20
DZQA-RS12-88	32.5	13	33.5	32	21	24
DZQA-RS32-89	18.5	6	19	15	8.5	9.5
DZQA-RS32-90	21	9		24	14	16
DZQC-RS32-91	36.3	16	42	36	19.5	25.5
DZQC-RS32-91B	36.3	14	42	36	19.5	25.5
DZQC-RS31-92	36.3	15	42.5	32	24.5	28
DZQC-RS31-92B	36.3	14	42.5	32	24.5	28
DZQC-RS12-93	23	10	27	24	14	17
DZQC-RS12-93B	23	10.1	27	24	14	17
DZQD-RS12-94	28.3	12	33	24	17	20
DZQB-RS32-95	22.6	10		24	15	18
DZQB-RS32-95B	22.1	10	22.6	24	15	18
DZQB-RS32-95C	22.1	9	22.6	24	15	18
DZQD-RS32-96	22.6	9.5	27	24	14.8	19.2



DZ series No:05

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of fit table or lock ϕ (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
DZQD-RS32-97	30.3	10.36	35.5	24	15.7	18
DZQA-RS12-98	26.5	9	27	33	14.5	17.5
DZQD-RS32-99	23	10	27	24	14	17
DZQD-RS32-99B	23	10	27	24	14	17
DZQA-RS12-100	28	10	30.3	39	14	15
DZQC-RS32-101	24.8	12.4	29	24	16.5	20
DZQC-RS32-101B	24.8	12.4	29	24	16.5	20
DZQD-RS31-102	12	3.8	13	18	8	9
DZQA-RS32-103	18.5	5	19	22	11	12
DZQA-RS32-104	26.5	10		24	17	20
DZQC-RS31-105	43.2	16	50.3	32	28	28.5
DZQC-RS31-106	38.5	14	46	32	27	28.5
DZQC-RS31-107	50	19	58.3	48	33	35
DZQC-RS32-108	15	6	19	16	11.9	13
DZQC-RS32-109	32.2	12	38	32	17	18.5
DZQC-RS12-110	28.2	12	33	24	14	17.3
DZQC-RS12-110B	28.2	12	33	24	14	17.3
DZQC-RS31-111	28.4	8	33.5	32	14.5	16.5
DZQC-RS11-112	22.1	9	26.5	24	14	18.9
DZQC-RS11-113	22.1	10	26.5	24	14	18.9
DZQB-RS12-114	22.6	10		24	14	17
DZQA-RS32-115	23	9	23.6	24	13	15
DZQB-RS32-116	38.5	15	39	32	27	30
DZQD-RS32-117	28.05	10.5	33	24	17	19
DZQC-RS11-118	25.3	9	30.5	24	13.8	17
DZQB-RS12-119	30	12	30.5	24	19.5	21.4
DZQB-RS12-120	37.5	15	38.5	32	25	32
DZQB-RS32-121	28.5	11	29.2	24	14.3	17.5
DZQA-RS12-122	23.5	9	24	22	14	17
DZQA-RS12-123	30.2	10	30.8	36	14.5	17
DZQC-RS12-124	22.1	10	26.5	24	15	18
DZQC-RS12-125	22.6	7.3	27	24	15	19.5
DZQC-RS31-126	24.3	10	29	24	16.7	19
DZQD-RS32-127	28.1	12	33	24	16.8	21
DZQD-RS32-127E	28.4	12	33	24	16.8	21
DZQB-RS32-128	29	12		24	18	21



DZ series No:06

Model	Outside Diameter ϕ (D1)	Bore ϕ (d)	Outside diameter ϕ of fit table or lock ϕ (D)	Pcs (N)	Height of Copper Rivet Bar (L)	Height(H)
DZQB-RS31-129	36.5	14	39	36	20	25.5
DZQD-RS31-130	36.5	14	38.5	36	25	31
DZQD-RS31-130B	36.5	15	38.5	36	25	31
DZQB-RS31-131	37.5	14	39	32	25	31
DZQB-RS31-131B	37.5	13	39	32	25	31
DZQC-RS31-132	38.5	15	43.7	32	19.5	23
DZQD-RS32-133	26	8	30.4	24	17	23
DZQC-RS31-134	36.3	15	42	32	19.5	25
DZQD-RS32-135	25	10	29.5	24	14.1	16.5
DZQC-RS31-136	32	12.7	39	32	18.3	21
DZQC-RS31-137	33.6	13	40	28	24.5	29.5
DZQC-RS32-138	21.5	10	25	24	14.3	16
DZQC-RS12-139	22.1	7	26	24	10.6	11.5
DZQD-RS32-140	26.5	10	31	24	14.1	16.5
DZQA-RS12-141	22	9	22.5	24	10	11.5
DZQD-RS32-142	25.1	12	29.8	24	16	17.7
DZQC-RS32-142B	25.1	12	29.8	24	16	17.7
DZQD-RS12-143	22.6	10	28.4	10	15.6	17.5
DZQC-RS32-144	40.5	15.075	47.5	36	21.8	28.15
DZQC-RS31-145	32	14	37	28	16.8	20
DZQA-RS32-146	37.5	17	39.5	20	23.3	27.5
DZQB-RS12-147	25.5	9	27	24	14	17
DZQB-RS31-148	37	16	39	32	24	29
DZQD-RS32-149	28.5	8	33.3	22	15.7	19.9
DZQC-RS31-150	33.6	14	38.5	28	16.8	20
DZQC-RS31-151	32	14	37	28	21.8	24.5
DZQC-RS31-152	43.2	16	50.3	32	25	25.5
DZQD-RS32-153	26.5	10	31	24	15.6	18
DZQD-RS32-154	25.7	8	31.8	24	16.8	22.5
DZQA-RS31-155	34	13	35	32	22	25
DZQA-RS31-156	28.5	12	29	36	17	20
DZQD-RS32-157	25.5	10	30.5	24	17.7	21
DZQD-RS32-158	25.5	10	30.5	24	14.7	17.2
DZQD-RS32-159	23.3	8	27.8	24	12.5	15
DZQB-RS32-160	25.5	11	27	24	14.2	17.2
DZQD-RS32-161	28.5	12	33.5	24	16.8	20.5