

CNC power chucks & jaws

KITAGAWA POWER CHUCKS, JAWS & ACCESSORIES

High performance CNC power chucks from the leading name in rotary workholding, Kitagawa. Plus over 1,200 different jaws to suit almost any CNC power chuck on earth!

BR SERIES - HIGH PERFORMANCE WITH THE HIGHEST ACCURACY

- Run-out <0.01mm and no need to reform jaws when re-attaching them (when using Kitagawa Tnut-Plus).
- Jaw lift reduced by 50% compared to standard power chuck.
- Can be used for first and second op work.

QJR SERIES - QUICK CHANGE 3 JAW CHUCK

- Change jaws by hand and save vital downtime compared to a normal power.
- Compatible with standard Kitagawa jaws with 60° serrations.



POWER CHUCK JAWS & ACCESSORIES



SOFT JAWS

Wide range of soft jaws to suit almost any power chuck. Flat or pointed nose, standard, long, high and extra high... There are over 1,000 soft jaw options. View our 60° serration jaws on the following pages or use our jaw finder to select jaws according to your chuck.



PIE JAWS

Aluminium or Steel pie jaws for full concentric clamping of your workpiece. Ideal for thin wall tube or finishing applications where you do not want to mark the workpiece.



HARD JAWS

Standard reversible hard jaws, bar gripper jaws, claw jaws, hard top inner and outer jaws available in a wide range of sizes to suit different diameter bar. View our 60° serration jaws on the following pages or use our jaw finder to select jaws according to your chuck.

WORKHOLDING CNC POWER CHUCKS & JAWS



The Next Generation 3 Jaw Power Chuck From Kitagawa

- HIGHER ACCURACY**
Gripping accuracy of <0.01mm T.I.R. Immediately after jaw forming.
- IMPROVED REPEATABILITY**
Gripping accuracy of <0.01mm T.I.R. or less immediately after reattaching jaws when using Kitagawa Tnut-Plus. No need to reform the jaws.
- REDUCED JAW LIFT**
Improves stability, especially in high speed turning. Tool life and surface finish can be improved compared to other 3 jaw chucks.
- INTERCHANGEABLE**
With Kitagawa B-200 and BB200 series chucks, old chucks can be easily replaced.
- LARGE THROUGH HOLE**
53mm (6" chuck), 66mm (8" chuck), 81mm (10" chuck) & 106mm (12" chuck).
- FIRST & SECOND OP MACHINING**
Due to the high accuracy, the BR Series can be used for rough and finish turning, even in high production turning environments.



3 Jaw Power Chuck With Quick Change Jaws

- QUICK CHANGE JAWS**
Soft and hard jaws can be changed quickly and simply by removing the master jaws which are unlocked by a t-wrench.
- COMPATIBLE JAWS**
No need for special jaws, fully compatible with other Kitagawa chuck jaws with 60° serrations.
- INTERCHANGEABLE**
With Kitagawa B-200 and BB200 series chucks, old chucks can be easily replaced.
- LARGE THROUGH HOLE**
53mm (6" chuck), 66mm (8" chuck), 81mm (10" chuck) & 106mm (12" chuck).
- FLEXIBLE**
Suitable for small and large batch production.



QUICK CHANGE JAW OPERATION

Standard soft or hard jaws with 60° serrations are attached to the base jaws using 2 locating bolts which can be changed whilst removed from the chuck, reducing downtime caused by changing jaws on the machine in a standard chuck.

The master jaws are unlocked/locked using the t-wrench supplied and slide out of or into the chuck easily by hand. With the Kitagawa QJR series you can be machining again in seconds.

CNC POWER CHUCKS

Kitagawa Hydraulic Power Chucks



BR
SERIES



KITAGAWA BR SERIES HIGH PRECISION
LARGE THROUGH-HOLE, HIGH SPEED
POWER CHUCK

- Gripping accuracy of 0.01 mm T.I.R. or less
- Reduced jaw-lift for more stable turning
- Uses standard 60° 1.5mm serration soft and hard jaws
- With Tnut-Plus optional dedicated T-nuts, the repeatability of jaws at detaching and re-attaching is 0.01mm T.I.R or less. No need to re-form the jaws

DIA	Thru' Hole	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight (with Soft Top Jaws)	T-Nut Plus	Jaw		ORDER CODE	PRICE
		Min	Max									Key Way	Hole Centre		
170	53	16	170	5.5	12	23 kN	58.5 kN	6000	0.052	12.8kg	TN06PLUS	12	20	BR06	
210	66	22	210	7.4	16	35 kN	90 kN	5000	0.14	22.2kg	TN08PLUS	14	25	BR08	
254	81	31	254	8.8	19	49 kN	123 kN	4500	0.32	35.8kg	TN10PLUS	16	30	BR10	
315	106	44	315	10.6	23	60 kN	156 kN	3500	0.8	57kg	TN12PLUS	21	30	BR12	

KITAGAWA QJR SERIES QUICK CHANGE
LARGE THROUGH-HOLE, HIGH SPEED
POWER CHUCK

- Quick change base jaws
- Uses standard 60° 1.5mm serration soft and hard jaws
- Supplied with t-wrench and 2 sets of base jaws



QJR
series

DIA	Thru' Hole	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight	Base Jaws	Jaw		ORDER CODE	PRICE
		Min	Max									Key Way	Hole Centre		
178	53	9	178	7.4	15	25 kN	60 kN	6000	0.06	14kg	QJR07-BJ00	12	20	QJR07	
215	66	16	210	7.4	16	45 kN	100 kN	5000	0.18	25kg	QJR08-BJ00	14	25	QJR08	
254	81	22	254	8.8	19	60 kN	135 kN	4500	0.41	45kg	QJR10-BJ00	16	30	QJR10	
315	106	18	315	10.6	23	81 kN	180 kN	3500	1.15	75kg	QJR12-BJ00	21	30	QJR12	

KITAGAWA N SERIES HIGH PRECISION
CLOSED CENTRE, HIGH SPEED POWER
CHUCK

- Strong gripping force and high durability
- Closed centre standard chuck
- Uses standard 60° 1.5mm serration soft and hard jaws



DIA	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight (with Soft Top Jaws)	Jaw		ORDER CODE	PRICE
	Min	Max								Key Way	Hole Centre		
110	8	110	6.4	15	8.2	22.8	6000	0.008	4.1	10	14	N-04	
135	16	135	6.4	15	8.2	25.2	5500	0.015	6.2	10	18	N-05	
165	15	165	8.5	20	18	52.5	5270	0.045	13	12	20	N-06	
210	23	210	8.8	21	25	75	4760	0.138	25	14	25	N-08	
254	24	254	8.8	25	29	108	4010	0.3	37	16	30	N-10	
304	26	304	10.5	30	41	156	3380	0.725	57.3	21	30	N-12	
381	72	381	16	35	82	249	3040	1.9	101	22	43	N-15	
450	133	450	16	35	82	249	2710	3.3	126	22	43	N-18	
530	69	530	16	35	82	273	1940	7.1	198	25	60	N-21	
610	152	610	16	35	82	273	1760	12	252	25	60	N-24	

CNC CHUCK JAWS

Kitagawa, Samchully & Bison Compatible



POWER CHUCK SOFT JAWS 60° SERRATIONS

- 60 degree pitch, 1.5mm & 3.0mm serrations (Kitagawa, Samchully, Chandox etc)
- Supplied in a set of 3
- Available in standard, extra high & extra long
- Flat or point nose
- Other sizes, geometries and serrations available on request
- Items marked * are best selling ECONOMY jaws (EN32C steel)
- Items marked ** are best selling jaws PREMIUM jaws (EN8 steel)

Chuck Size*	Hole Centres	Key way	Length	Width	Height	Serration	Nose Type	ORDER CODE	PRICE	Chuck Size*	Hole Centres	Key way	Length	Width	Height	Serration	Nose Type	ORDER CODE	PRICE
110/4"	15	8	50	20	25	1.5x60°	Pointed	SJ04002P		304/12"	30	18	130	50	50	1.5x60°	Flat	SJ12048B18	
			50	22	25	1.5x60°	Pointed	SJ04P					130	50	50	1.5x60°	Flat	P-SJ12048B+18**	
			48	20	40	1.5x60°	Pointed	SJ04001P					130	80	50	1.5x60°	Flat	SJ12W80X50F	
			50	20	50	1.5x60°	Pointed	SJ04H50P					145	50	50	1.5x60°	Pointed	SJ12L145P*	
			50	25	50	1.5x60°	Pointed	SJ04003P					160	50	50	1.5x60°	Flat	SJ12L160F	
110/4"	14	10	50	25	25	1.5x60°	Flat	SJ204005					180	50	50	1.5x60°	Flat	SJ12L180F	
			52	22	24	1.5x60°	Pointed	SJ04023C					200	50	50	1.5x60°	Flat	SJ12L200F	
			57	24	31	1.5x60°	Pointed	SJ05027C					130	50	79	1.5x60°	Flat	SJ12080B18	
			57	24	50	1.5x60°	Pointed	SJ05048C					130	50	100	1.5x60°	Flat	SJ12H100F	
135/5"	18	10	60	25	30	1.5x60°	Pointed	SJ510001P					145	50	100	1.5x60°	Pointed	SJ12005P	
			57	25	32	1.5x60°	Pointed	SJ510003P		130	50	120	1.5x60°	Flat	SJ12H120F				
			55	25	50	1.5x60°	Pointed	SJ05H50P		130	50	140	1.5x60°	Flat	SJ12H140F				
			55	22	47	1.5x60°	Pointed	SJ510002P		129	50	50	1.5x60°	Flat	SJ12048B21				
			60	25	50	1.5x60°	Pointed	SJ510004P		129	50	50	1.5x60°	Flat	P-SJ12048B-21**				
170/6"	20	12	72	30	31	1.5x60°	Flat	SJ06F		130	80	50	1.5x60°	Flat	SJ212W80X50F				
			72	30	80	1.5x60°	Flat	SJ06H80F		145	50	50	1.5x60°	Pointed	SJ12060170A21*				
			72	30	100	1.5x60°	Flat	SJ06H100F		160	50	50	1.5x60°	Flat	SJ212L160F				
			72	35	35	1.5x60°	Pointed	SJ06W35X35P		180	50	50	1.5x60°	Flat	SJ212L180F				
			72	30	50	1.5x60°	Pointed	SJ06050B		129	50	60	1.5x60°	Flat	SJ212007				
			72	50	50	1.5x60°	Pointed	SJ06W50X50P		129	50	79	1.5x60°	Flat	SJ12080B21				
			72	30	60	1.5x60°	Pointed	SJ06H60P		130	80	80	1.5x60°	Flat	SJ212W80X80F				
			82	35	60	1.5x60°	Pointed	SJ06008P		129	50	100	1.5x60°	Flat	SJ212001				
			72	30	31	1.5x60°	Pointed	SJ06030B*		130	50	100	1.5x60°	Flat	SJ212H100F				
			72	30	31	1.5x60°	Pointed	P-SJ06030B**		145	50	100	1.5x60°	Pointed	SJ212004P				
			82	30	31	1.5x60°	Pointed	SJ06L82P		129	50	120	1.5x60°	Flat	SJ212002				
										130	50	120	1.5x60°	Flat	SJ212H120F				
210/8"	25	14	95	35	37	1.5x60°	Flat	SJ08037E		129	50	140	1.5x60°	Flat	SJ212H140F				
			95	60	40	1.5x60°	Flat	SJ08W60X40F		165	60	60	1.5x60°	Flat	SJ15001				
			95	80	40	1.5x60°	Flat	SJ08W80X40F		185	60	60	1.5x60°	Pointed	SJ15003P				
			95	35	37	1.5x60°	Pointed	SJ08037B*		200	70	70	1.5x60°	Flat	SJ15L200F				
			95	35	37	1.5x60°	Pointed	P-SJ08037B**		230	70	70	1.5x60°	Flat	SJ15L230F				
			95	40	40	1.5x60°	Pointed	SJ08W40X40P		165	60	72	1.5x60°	Flat	SJ15062A-22				
			120	40	40	1.5x60°	Pointed	SJ08L120P		165	60	80	1.5x60°	Flat	SJ15H80F				
			140	40	40	1.5x60°	Flat	SJ08L140F		165	80	80	1.5x60°	Flat	SJ15W80X80F				
			95	35	50	1.5x60°	Pointed	SJ08H50P		165	60	100	1.5x60°	Flat	SJ15H100F				
			95	50	50	1.5x60°	Pointed	SJ08W50X50P		165	60	120	1.5x60°	Flat	SJ15H120F				
			95	35	60	1.5x60°	Flat	SJ08H60F		165	60	140	1.5x60°	Flat	SJ15H140F				
			95	35	60	1.5x60°	Pointed	SJ08H60P		380/450 15"/18"	43	25.5	135	60	60	1.5x60°	Flat	SJ215001	
			95	35	79	1.5x60°	Pointed	SJ08080B					165	60	60	1.5x60°	Flat	SJ215002	
			95	35	100	1.5x60°	Flat	SJ08H100F					165	60	70	1.5x60°	Flat	SJ215F	
			102	40	100	1.5x60°	Pointed	SJ08005P					135	60	80	1.5x60°	Flat	SJ215003	
			95	35	120	1.5x60°	Flat	SJ08H120F					165	60	80	1.5x60°	Flat	SJ215005	
									165				60	80	1.5x60°	Flat	SJ215H80F		
254/10"	30	16	110	60	40	1.5x60°	Flat	SJ10W60X40F		165	60	100	1.5x60°	Flat	SJ215H100F				
			110	80	40	1.5x60°	Flat	SJ10W80X40F		135	60	120	1.5x60°	Flat	SJ215004				
			110	40	42	1.5x60°	Pointed	SJ10042B*		165	60	120	1.5x60°	Flat	SJ215H120F				
			110	40	42	1.5x60°	Pointed	P-SJ10042B**		165	60	140	1.5x60°	Flat	SJ215H140F				
			150	50	50	1.5x60°	Flat	SJ10L150F		180	70	70	3x60°	Flat	SJ21F				
			180	50	50	1.5x60°	Flat	SJ10L180F		200	70	70	3x60°	Flat	SJ21001				
			90	40	59	1.5x60°	Flat	SJ10H60FS		195	80	80	3x60°	Flat	SJ21003				
			110	40	60	1.5x60°	Flat	SJ10H60F		230	80	80	3x60°	Flat	SJ21L230F				
			110	40	59	1.5x60°	Pointed	SJ10H60P		180	80	100	3x60°	Flat	SJ21H100F				
			125	40	60	1.5x60°	Pointed	SJ10015P		180	75	115	3x60°	Flat	SJ21004				
			110	40	79	1.5x60°	Pointed	SJ10080B		180	80	120	3x60°	Flat	SJ21H120F				
			90	50	80	1.5x60°	Flat	SJ10006		180	80	140	3x60°	Flat	SJ21H140F				
			110	40	100	1.5x60°	Flat	SJ10H100F		180	75	155	3x60°	Flat	SJ21005				
			125	40	100	1.5x60°	Pointed	SJ10004P											
			110	40	120	1.5x60°	Flat	SJ10H120F											

CNC POWER CHUCKS
Kitagawa Hydraulic Power Chucks

PIE JAWS 60° SERRATIONS

- 60 degree pitch, 1.5mm serrations (Kitagawa, Samchully, Chandox etc)
- Supplied in a set of 3
- Aluminium or steel



Chuck Size	Hole Centres	Keyway	Material	Height	ORDER CODE	PRICE
110/4"	14	10	ALU	32	FW-A04032	
135/5"	14	10	ALU	32	FW-A05032	
169/6"	20	12	ALU	40	FW-A06040	
169/6"	20	12	STEEL	40	FW06040	
210/8"	25	14	ALU	40	FW-A08040	
210/8"	25	14	STEEL	50	FW08040	
210/8"	25	14	ALU	50	FW-A08050	
254/10"	30	16	ALU	50	FW-A10050	
254/10"	30	16	STEEL	50	FW10050	
304/12"	30	18	ALU	50	FW-A12050-18	
304/12"	30	21	ALU	50	FW-A12050-21	

HARD JAWS 60° SERRATIONS

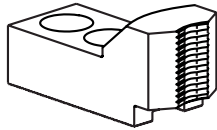
- For Kitagawa, Chandox & Smachully power chucks
- 60 degree pitch, 1.5mm serrations
- Supplied in a set of 3



Chuck Size	Hole Centres	Keyway	Width	ORDER CODE	PRICE
110/4"	14	10	23	HB04N1	
135/5"	14	10	23	HJ05	
169/6"	20	12	31	HJ06	
210/8"	25	14	35	HJ08	
254/10"	30	16	40	HJ10	
304/12"	30	18	50	HJ12-18	
304/12"	30	21	50	HJ12-21	
380/15"	43	22	62	HJ15-22	
450/21"	50	25	80	HJ21	

BAR GRIPPER JAWS 60° SERRATIONS

- For Kitagawa, Chandox & Smachully power chucks
- 60 degree pitch, 1.5mm serrations
- Supplied in a set of 3



Chuck Size	Hole Centres	Keyway	Width	Jaw Height	Min Grip Ø	Max Grip Ø	Swing Ø	ORDER CODE	PRICE
169/6"	20	12	30	30	5	18	173	KGJ060415	
					15	29	173	KGJ061530	
210/8"	25	14	35	35	5	23	217	KGJ080415	
					15	38	217	KGJ081535	
254/10"	30	16	40	50	5	30	258	KGJ100420	
					18	54	258	KGJ102045	
304/12"	30	18	48	50	5	42	306	KGJ12005	
					18	61	306	KGJ123050	
304/12"	30	21	48	50	5	54	320	KGJ2120530	
					18	73	320	KGJ2123050	

CUTWEL PRO

T-NUTS

- For Kitagawa, Chandox & Smachully power chucks
- Supplied in a set of 3



Chuck Size	Kitagawa Chuck	Hole Centres	Keyway	Height	ORDER CODE	PRICE
169/6"	B-06	20	12	22.5	TB06	
210/8"	B-08	25	14	25.5	TB08	
254/10"	B-10	30	16	25.5	TB10	
304/12"	B-12	30	18	33.5	TB12	
110/4"	B-204	14	10	15	KTNB204	
135/5"	B-205	14	10	15	T05	
169/6"	B-206	20	12	18.5	T06	
210/8"	B-208	25	14	20.5	T08 (T-NUT)	
254/10"	B-210	30	16	21.5	T10	
304/12"	B-212	30	21	27.8	T12	
380/15"	B-15	43	24	45.5	T15 (T-NUT)	
450/21"	B-21	60	25	45	T21	

T-NUT PLUS

- High precision Kitagawa original T-nuts
- Supplied in a set of 3
- With Tnut-Plus optional dedicated T-nuts, the repeatability of jaws at detaching and re-attaching is 0.01mm T.I.R or less. No need to bore the jaws.

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Chuck Size*	Kitagawa Chuck	Hole Centres	Keyway	ORDER CODE	PRICE
170	BR06	20	12	TN06PLUS	
210	BR08	25	14	TN08PLUS	
254	BR10	30	16	TN10PLUS	
315	BR12	30	21	TN12PLUS	

BASE JAWS (FOR QJR CHUCKS)

- High precision Kitagawa original base jaws for QJR quick change chucks
- Fits 60° serration soft and hard jaws
- Supplied in a set of 3

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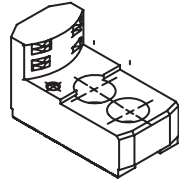


Chuck Size*	Kitagawa Chuck	Hole Centres	Keyway	ORDER CODE	PRICE
178	QJR07	20	12	QJR07-BJ00	
215	QJR08	25	14	QJR08-BJ00	
254	QJR10	30	16	QJR10-BJ00	
315	QJR12	30	21	QJR12-BJ00	

CNC CHUCK JAWS
Kitagawa, Samchully & Bison Compatible

HARD JAWS INNER GRIP

- For Kitagawa, Chandox & Smachully power chucks
- 60 degree pitch, 1.5mm serrations
- Supplied in a set of 3

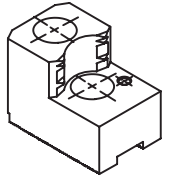


Chuck Size	Hole Centres	Keyway	Width	Jaw Height	Grip Height	Min Grip Ø	Max Grip Ø	Swing Ø	ORDER CODE	PRICE
210/8"	25	14	35	53	20	93	128	221	KGJ089012	
			123			159	223	KGJ081215		
			145			181	240	KGJ08005		
			181			218	278	KGJ08006		
254/10"	30	16	40	58	25	63	106	266	KGJ10001	
						99	146	266	KGJ10002	
						135	183	266	KGJ10003	
						169	218	270	KGJ10004	
304/12"	30	18	50	65	25	79	147	322	KGJ12001	
						132	208	322	KGJ12002	
						196	273	322	KGJ12003	
						248	325	366	KGJ12004	
304/12"	30	21	50	65	25	84	158	333	KGJ212001	
						138	219	334	KGJ212002	
						203	284	334	KGJ212003	
						254	337	378	KGJ212004	
380/450 15"/18"	43	22	60	85	33	117	193	421	KGJ15002	
						170	249	421	KGJ15003	
						225	304	421	KGJ15004	
						294	374	428	KGJ15005	
						354	435	480	KGJ15006	

The gripping diameter and swing diameter shows an estimated value only.

HARD JAWS OUTER GRIP

- For Kitagawa, Chandox & Smachully power chucks
- 60 degree pitch, 1.5mm serrations
- Supplied in a set of 3

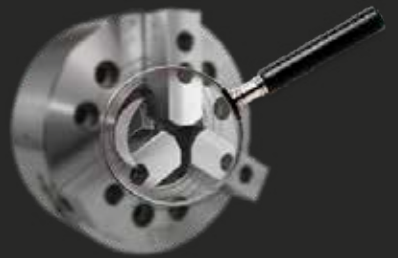


Chuck Size	Hole Centres	Keyway	Width	Jaw Height	Grip Height	Min Grip Ø	Max Grip Ø	Swing Ø	ORDER CODE	PRICE
169/6"	20	12	30	47	20	31	58	183	KGJ063050	
			45			74	183	KGJ065070		
			61			90	184	KGJ067090		
			75			104	184	KGJ06001		
			91			120	182	KGJ069011		
			40			117	146	208	KGJ061113	
210/8"	25	14	35	53	25	37	70	220	KGJ083060	
			62			98	220	KGJ086090		
			93			128	221	KGJ089012		
			123			159	223	KGJ081215		
			145			181	240	KGJ08005		
			40			181	218	278	KGJ08006	
254/10"	30	16	40	58	25	42	87	265	KGJ104080	
			82			129	265	KGJ108012		
			125			173	269	KGJ101216		
			170			219	284	KGJ101620		
			205			254	316	KGJ102028		
304/12"	30	18	50	65	25	44	118	322	KGJ125010	
			102			178	322	KGJ121015		
			168			244	336	KGJ121520		
			323			309	380	KGJ122030		
304/12"	30	21	50	65	25	51	130	334	KGJ2125010	
			109			189	334	KGJ212009		
			174			256	348	KGJ212010		
			238			320	392	KGJ212011		
380/450 15"/18"	43	22	60	85	33	61	137	421	KGJ15001	
			116			195	427	KGJ151015		
			176			255	427	KGJ151520		
			236			316	447	KGJ152027		
			296			376	464	KGJ152735		
						356	436	516	KGJ153542	
380/450 15"/18"	43	22	60	85	33	117	193	421	KGJ15002	
			170			249	421	KGJ15003		
			225			304	421	KGJ15004		
			294			374	428	KGJ15005		
			354			435	480	KGJ15006		

Power Chuck
Jaw Finder

Over 1,200 Chuck Jaws and
Accessories For CNC Lathe
Power Chucks

- Hard reversible jaws, claw jaws and bar gripper jaws.
- T-nuts, stop screws and other accessories.
- Browse by manufacturer including Kitagawa, Schunk, SMW, Forkardt, Bison, Rohm & Samchully.
- Find jaw by dimension and serration.
- Huge range of soft jaws in different lengths, heights and styles, including pie jaws made from steel or aluminium.



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