



Key Type Drill Chucks



13H.S



13XH.S
COLLAR



H



XH

U.S.A. Market Style

- Suitable for use on heavy duty & extra heavy duty.
- For milling machine, lathe, drill machine & wood working machine.

ORDER NO.	Type	Clamping Capacity mm inch	Female Taper DIN or Jacobs	Female Thread Inch or metric	OUTER Ø mm	Length		Wt g	Key Size	CODE NO.
						open B mm	closed A mm			
19001	4H	0.5-4 1/64"-5/32"	JO		22	29	35	80	CK0	3303-100
19003	6H	0.5-6.5 1/64"-1/4"	J1		32	40	50	190	CK1	3303-101
19005			Ø 5.5x90°	3/8-24	32	40	50	190	CK1	3303-102
19010	10H	1-10 1/32"-3/8"	J2		37.8	51	64	260	CK30	3303-103
19011			J2S		37.8	51	64	290	CK30	3303-104
19014			Ø 5.5x90°	3/8-24	37.8	51	64	290	CK30	3303-105
19015			Ø 6.5x90°	1/2-20	37.8	51	64	290	CK30	3303-106
19016			J1		37.8	51	64	290	CK30	3303-107
19038			J2S		46	65	82	520	CK32	3303-108
19039	J6		46	65	82	520	CK32	3303-109		
19041	13H	1-13 1/32"-1/2"	J33		46	65	82	520	CK32	3303-110
19042			Ø 5.5x90°	3/8-24	46	65	82	520	CK32	3303-111
19043			Ø 6.5x90°	1/2-20	46	65	82	520	CK32	3303-112
19044				1/2-20	46	65	82	520	CK32	3303-113
19046			13HS	S- Ø 5/8	5/8"		46	78	95	610
19061	16H	1-16 1/32"-5/8"	J6		56	78	96	800	CK3	3303-115
19062			J3		56	78	96	800	CK3	3303-116
19065			Ø 6.5x90°	1/2-20	56	78	96	800	CK3	3303-117
19066			Ø 8.5x90°	5/8-16	56	78	96	800	CK3	3303-118
19072	19H	3-19 1/8"-3/4"	J3	3/4-16	67	89	126	1570	CK4	3303-119
19073				5/8-16	67	89	126	1570	CK4	3303-120
19074	10XH	0.5-10 1/64"-3/8"	J2		45	55	69	390	CK32	3303-121
19075			J2S		45	55	69	390	CK32	3303-122
19045	13XH	1-13 1/32"-1/2"	Ø 6.5x90°	1/2-20	52	69	82	770	CK3	3303-123
19046-1			J6		52	69	82	770	CK3	3303-124
19048			J33		52	69	82	700	CK3	3303-125
19050	13XHC		J33			85	103	900		3303-126
19079	19XH	1-19 1/8"-3/4"	J4		72	96	126	1700	CK4	3303-127

Material Analysis Table

PART NO.	PART NAME	MATERIAL	HEAT TREATED
1	Body	SAE 1045	HRC45-48
2	Case	SAE 1018	HRC38-40
3	Jaw	SAE 2100	HRC52±2
4	Nut	SAE 5145	HRC61±2

Run-out Accuracy & Torque Inspection Table

Type	4H	6.5H	10H	13H	16H	19H	13 XH	19 XH	13 XHC	13 HS
Ø dmm	3.5	6	9	12	15	18	12	18	12	12
Lmm	60	90	110	140	150	150	140	150	140	140
L1mm	40	70	85	110	120	120	110	120	110	110
Max Run-out	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Torque kg-m	18	45	75	85	250	300	190	300	190	85