

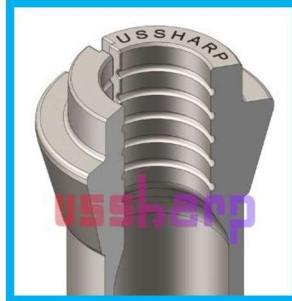
■ Collet Clamping Shape

Clamping Hole Surface

Smooth Bore



Grooved Bore



Powerful Grip



Clamping Hole Shape

Round



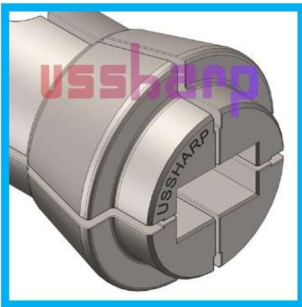
Hexagon



Square



Rectangle



Triangle



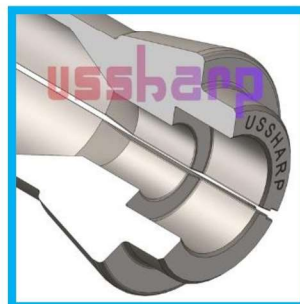
Ellipse



Eccentric Hole



Step Hole



Taper Step Hole



■ Collet Clamping Shape

Octagon Hole



Six Slots Hole



Special Hole



Clamping Hole With Carbide

Round



Hexagon



Square



Long-nose Straight-slots Type

Round



Hexagon



Square



Special Hole



■ Collet Clamping Shape

S-slots Type



Long-nose + S-slots Type



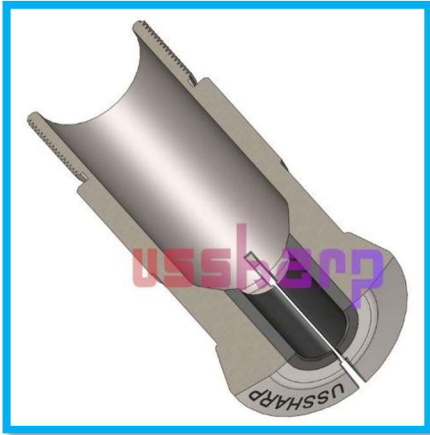
Opening Over Clamp



★ Other special hole shape can be customized as well

■ Guide Bush Clamping Shape

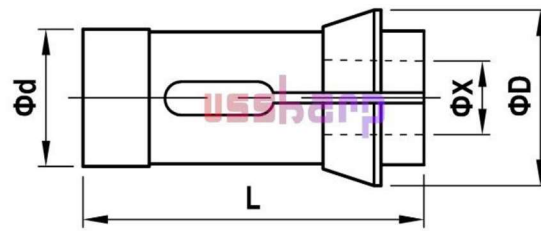
Standard Carbide



Long Carbide



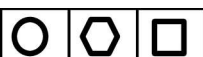
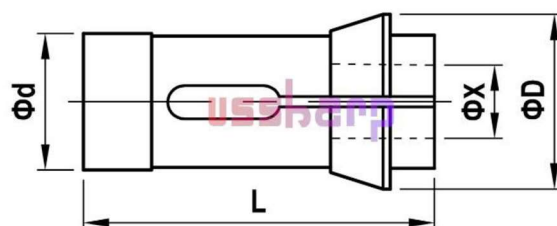
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
12	8	42	4	3	3	F8/577	101E	TF8	40.001	TORNOS	M4,T4,TV
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002		M7,MICRO-7
19	13	64	8	7	5	F13/357	116E	TF13	40.016		MS7,ENC74/75,EVOD-10,MICRO-7
21	15	64	10	8	7	F15/580	120E	TF15	40.003		R10,M10, TOP100
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012		R125,NAT125,GT13
26	20	54	16	13	11	F20/201	136E		225.003		MultiSWISS,EVODECO-16,DELTA12
28	20	67	16	13	11	F20/87	138E	TF20	40.004		R16,M15
35	25	77	20	17	14	F25/64	145E	TF25	40.005		RR20,R20,M20,CT20,GAMMA-20/6
38	30	65	25	21	17	F30/101	1446E	O161	90.009		ENC262/264,GT26,SIGMA20,ST26
42	30	80	25	21	17	F30/63	157E	TF30	40.006		M25
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		MR28/32,TBM32,SIGMA32
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002	TORNOS (DECO)	DECO 7,DELTA12
21	15	64	10	8	7	F15/580	120E	TF15	40.003		DECO 10
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012		DECO 13
26	20	54	16	13	11	F20/201	136E		225.003		DECO 13/16,ENC163/164/167
35	25	77	20	17	14	F25/64	145E	TF25	40.005		DECO 20,DELTA 12/20,SIGMA 20
38	30	65	25	21	17	F30/101	1446E	O161	90.009		DECO 26,TOP200
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		DECO 32
53	43	92	38	33	27	F43		TF43	511.024		DELTA 38/5
54	48	100	43	37	30	F48		BS38	511.028		DELTA 38/5 (SUB)
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012	NEXTURN	SA12
35	25	77	20	17	14	F25/64	145E	TF25	40.005		SA18,SA20,SA20E
45	32	75	27	23	19	F32/221	161E		231.005		SA26,SA26E
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		SA32
52	44	92	39	33	27	F44			511.026		SA32,SA38
28	23.8	62	18	15	12	TF24	S16-HMS		40.024	HARDINGE	S16-HMS
35	25	77	20	17	14	F25/64	145E	TF25	40.005		S20,ST220
35	28	77	24	20	17		S20-HM		B020		S20-HM
42	30	80	25	21	17	F30/63	157E	TF30	40.006		S25-HS
40	33	80	28	24	20						S25-HM

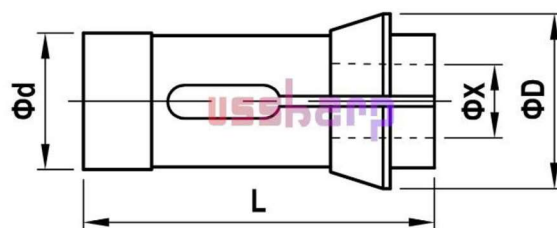
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
12	8	42	4	3	3	F8/577	101E	TF8	40.001	CITIZEN	R-04
21	15	64	10	8	7	F15/580	120E	TF15	40.003		R-07,D/F/G/L-10
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012		B/F/K/L/M-12,MSL-12
28	20	67	16	13	11	F20/87	138E	TF20	40.004		C/K/M-16
35	25	77	20	17	14	F25/64	145E	TF25	40.005		D/E/F/L/M-16,A/B/E/F/G/L/M-20
36	26	67	20	17	14				511.001		A20,L20,F20,G20,E20
42	30	80	25	21	17	F30/63	157E	TF30	40.006		E/F/L-25
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		C/E//F/G/L/M-32,E32J
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002	TSUGAMI	B007E,B074E,BS007,BW07E,NP-4W
16	10	46	7	6	5	F10/1178	111E		140.001		T7,B007,BM07,NP-4W
20	14	47	10	8	7						L10
21	15	64	10	8	7	F15/580	120E	TF15	40.003		NT/NP11
26	20	67	16	13	11						BO12,NT/NP-12
30	22	55	18	15	12	F22/71	140E		231.002		BO/BS/BN/BW12,BO/BS18,NT-NP16
28	23.8	62	18	15	12	TF24	S16-HMS		40.024		NP17,NP16,NT17
35	28	77	24	20	17		S20-HM		B020		BO18A,S20,BS18
35	25	77	20	17	14	F25/64	145E	TF25	40.005		BO18B,NT-NP20,BO/BS/BU/BW-20
40	33	80	28	24	19		S25-HM				BS26A,BS25
42	30	80	25	21	17	F30/63	157E	TF30	40.006		BS26B,BS25
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		B/BS/HS//NT/NP-32,B0385E,BH38E
53	43	92	38	32	26	F43		TF43	511.024	JINN FA	BH38
54	48	100	42	36	29	F48/81		BS38	511.028		BH38(SUB)
35	28	77	24	20	17		S20-HM		B020		JSL-20
40	33	80	28	24	20						JSL-26
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		JSL-32
54.5	40	104	35	30	24						C32
60	48	94	42	36	29	F48/81	173E	TF48	231.009		JSL-42AB
68	54	87	48	41	34						JSL-42AB,C44
72	60	89	54	46	38						JCL-50
93	75	100	67	58	47						JCL-60
98	85	110	77	66	54						JCL-75

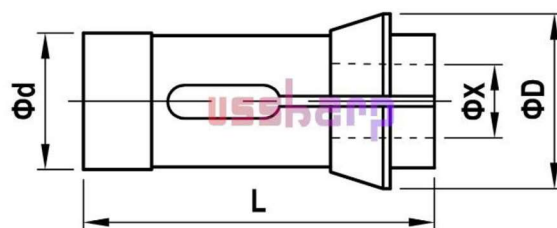
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
20	12	51	8	7	5					STAR	JNC8
21	15	64	10	8	7	F15/580	120E	TF15	40.003		SW/SH-7, SW/SR/JNC/RNC/SNC-10
25	18	64	14	12	9						SE12, S13, VNC12, SJ15
26	20	67	16	13	11						SB16
28	20	67	16	13	11	F20/87	138E	TF20	40.004		JNC/RNC/KJR/SA/SB/SE/SR/SH-16
32	24	65.5	20	17	14						JNC16, VNC20
35	25	77	20	17	14	F25/64	145E	TF25	40.005		B/F/SR/SW/SB/VNC/SV20, KNC16/20
36	26	67	22	19	15				511.001		JNC16, ZNC16, VNC20, SR20
42	30	80	25	21	17	F30/63	157E	TF30	40.006		F/KJR/SCN-25
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		VNC/MR/SR/SV-32, JNC/KNC-25/32
60	48	94	42	36	29	F48/81	173E	TF48	231.009		STM/ST-38, SV38R
21	15	64	10	8	7	F15/580	120E	TF15	40.003	HANWHA	SL12, XD12H, XP12S
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012		SL12, HANEX11, XD12J
30	22	55	18	15	12	F22/71	140E		231.002		SL16, HANEX17, XD/XP-16H, ML18G
35	25	77	20	17	14	F25/64	145E	TF25	40.005		SL20, HANEX20, XD20, XDI-20, XP20
45	32	75	27	23	19	F32/221	161E		231.005		SL26, XD26, XP26, HANEX25
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		SL32, STL32, XD32
49	40	92	35	30	24						SL35
50	40	92	35	30	24						SL-35HP-II (SUB)
55	42	94	38	33	27	F42/99	171E		231.007		XD35
52	44	92	39	33	27	F44			511.026		SL-38HP-II
60	48	94	42	36	29	F48/81	173E	TF48	231.009		STL38
43	35	70	30	26	21	F35/67	162E			INDEX	25#
48	35	80	30	26	21	F35/94	163E				30#
49	38.08	108	32	27	22	F38/72	164E		285.002		22# B&S, 32#
55	42	94	38	33	27	F42/99	171E		231.007		36#
60	48	94	42	36	29	F48/81	173E	TF48	231.009		42#
70	58	94	52	45	36	F58/355	177E				52#
84	66	110	60	52	42	F66/359	185E		231.001		60#
107	90	130	82	70	58		193E				80#

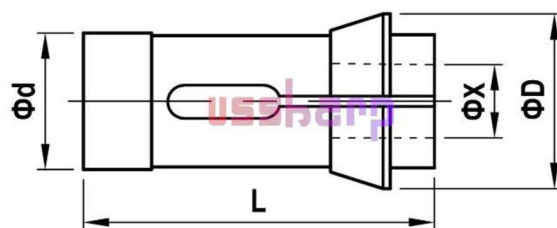
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
12	8	42	4	3	3	F8/577	101E	TF8	40.001	TRAUB	M45
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002		TNL7, M75,M105
21	15	64	10	8	7	F15/580	120E	TF15	40.003		TNL12/7, M105,M125
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012		TNL12/7/16
26	20	54	16	13	11	F20/201	136E		225.003		TNL16
28	20	67	16	13	11	F20/87	138E	TF20	40.004		TNL16
30	22	55	18	15	12	F22/71	140E		231.002		A15
35	25	77	20	17	14	F25/64	145E	TF25	40.005		TNL18/20, A-205/255/15/25/30/42
38	28	70	24	20	17	F28/93	148E		231.004		A20
42	30	80	25	21	17	F30/63	157E	TF30	40.006		TNL26
45	32	75	27	23	19	F32/221	161E		231.005		A25
48	35	80	30	26	21	F35/94	163E				A30
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		TNL32
49	38.08	108	32	27	22	F38/72	164E		285.002		A-32
55	42	94	38	33	27	F42/99	171E		231.007		A-36
60	48	94	42	36	29	F48/81	173E	TF48	231.009		A-42
70	58	94	52	45	36	F58/355	177E				A-52
84	66	110	60	52	42	F66/359	185E		231.001		A-60
107	90	130	82	70	58		193E				A-80
18	12	58	8	7	5					NOMURA	P8 series,NSP8410,NSP8420
22	16	50.5	12	10	8				90.015		P10 series,NSP1053,NN10K
26	20	68	16	13	11						P16 series,NSP1653,NSP1253
36	26	67	22	19	15				511.001		P20 series,NN20KF
39	29	72	25	21	17						P-23
42	32	84.5	28	24	19						P25 series,NNCP2553,NN25K
52	42	86	37	32	26						P-32
43	30	66	26	22	18					RIKEN	SAD-25
66	48	84	42	36	29						SAD-40
68	56	94	50	43	35						SAD-50
93	75	100	67	58	47						SAD-65

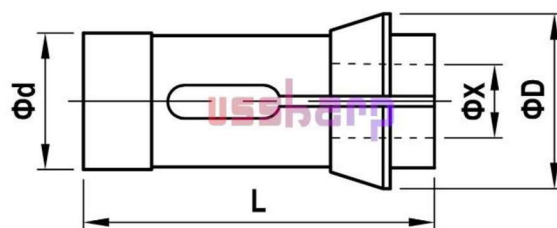
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
25	18	67	14	12	9	F18/85	127E		140.003	MANURHIN	Swing13,Traminer13
28	20	67	16	13	11	F20/87	138E	TF20	40.004		Twin13,Decotum16
26	20	54	16	13	11	F20/201	136E		225.003		Twin13/20, Compact,First 226/326C
35	25	77	20	17	14	F25/64	145E	TF25	40.005		KMX20/26,Mirabel,Swing,Traminer20
45	32	75	27	23	19	F32/221	161E		231.005		KMX20/26,Twin20,Swing20
49	38.08	108	32	27	22	F38/72	164E		285.002		Mrabel PM32
55	42	94	38	33	27	F42/99	171E		231.007		Mrabel PM32,Swing32,XL32,XL36
60	48	94	42	36	29	F48/81	173E	TF48	231.009		XL36
30	22	55	18	15	12	F22/71	140E		231.002	MIYANO	Sliding Spindle
38	27	73	23	20	16						BNC20
38	28	70	24	20	17	F28/93	148E		231.004		BNF16S,BJ20,18mm Swiss Slant
45	32	75	27	23	19	F32/221	161E		231.005		BJ26,BJ26R
45	40	95	35	30	24						BNC25
55	42	94	38	33	27	F42/99	171E		231.007		LX06,BNC20,BNC/BND/BNE/BNJ-34
54.2	44.4	108	39	33	27						BNC34
60	48	94	42	36	29	F48/81	173E	TF48	231.009		BNA/BNC/BND/BNJ-42
70	58	94	52	45	36	F58/355	177E				LX08,ABX/BND/BNE-51
84	66	110	60	52	42	F66/359	185E		231.001		BNE64
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002	MAIER	ML7
21	15	64	10	8	7	F15/580	120E	TF15	40.003		ML12A/B/C/D,ML125K II
28	20	67	16	13	11	F20/87	138E	TF20	40.004		ML16A/B/C/D
35	25	77	20	17	14	F25/64	145E	TF25	40.005		ML18S,ML18H,ML20A/B/C/D/E
42	30	80	25	21	17	F30/63	157E	TF30	40.006		ML26S,ML26H
45	32	75	27	23	19	F32/221	161E		231.005		ML26A/B/C/D/E
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		ML32A/B/C/D/E,MLK32
55	42	94	38	33	27	F42/99	171E		231.007		ML36
49	38.08	108	32	27	22	F38/72	164E		285.002	LI CO	32#
55	46	65	41	35	29						TNS-30/42
90.25	72	142	65	56	46						65#
35	25	77	20	17	14	F25/64	145E	TF25	40.005	DMG	GMC 20

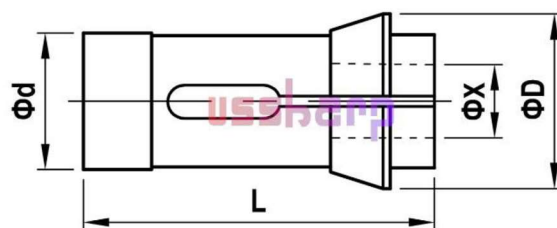
Headstock Collets For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
16	10	46	7	6	5					BECHLER	A4,A7
18	14	46	10	8	7	F14/98	117E		140.002		A7,A10,AR10
25	18	67	14	12	9	F18/85	127E		140.003		B12
28	22	67	18	15	12	F22/88	139E		140.004		B16
32	26	67	22	19	15	F26/90	146E		140.005		B20,BR20
19	13	64	8	7	5	F13/357	116E	TF13	40.016	BECHLER -ENC	ENC74/75
26	20	54	16	13	11	F20/201	136E		225.003		ENC162/164
35	25	77	20	17	14	F25/64	145E	TF25	40.005		ENC163/167
10.5	7	26	3			F7/206	1020E	TF7		PETERMANN	P3
12	8	42	4	3	3	F8/577	101E	TF8	40.001		P4,P7
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002		P7
22	15	47	10	8	7	F15/358	121E		90.004		P7R
22	16	55	12	10	8	F16/104	123E		90.005		P7R,P10,10HS
32	22	66	18	15	12	F22/727			90.007		P16
21	16	64	12	10	8	F16/1076	1212E	TF16	40.012	POLYGYM	DIAMOND12,12CS
26	20	68	16	13	11						DIAMOND16,16CS
36	26	67	22	19	15				511.001		DIAMOND20,20B,20CS,20CSB
42	30	78	26	22	18						DIAMOND25,25B,25CS,25CSB
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		DIAMOND32,32B,32CS,32CSB
51	42	92	38	33	27						38#
60	48	94	42	36	29	F48/81	173E	TF48	231.009		DIAMOND SY42
26	20	68	16	13	11					WANG TZY	SL1693
42	30	78	26	22	18						SL2596
47	37	92	32	27	22	F37/740	1536E	TF37	40.008		SL3295
26	20	54	16	13	11	F20/201	136E		225.003	GAUTHIER	GM12
35	25	77	20	17	14	F25/64	145E	TF25	40.005		GM20
42	30	80	25	21	17	F30/63	157E	TF30	40.006		GM25
28	20	67	16	13	11	F20/87	138E	TF20	40.004	GILDEMEISTER	GLD12
35	25	77	20	17	14	F25/64	145E	TF25	40.005		GLD16/20,GS20-L
45	32	75	27	23	19	F32/221	161E		231.005		GLD25L,GS25-L

Headstock Collets For Lathes

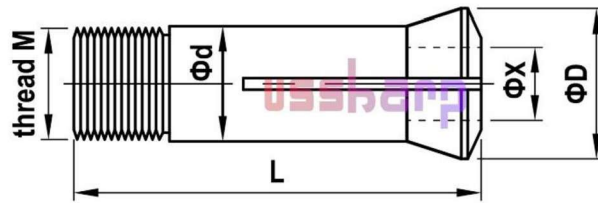


※ Carbide and HSS are available

ΦD	Φd	L	Bore (ΦX-max)			Code				Machine type	
15.5	10	47.5	7	6	5	F10/86	109E	TF10	40.002	STROHM	M75-M105
21	15	64	10	8	7	F15/580	120E	TF15	40.003		M105/125
35	25	77	20	17	14	F25/64	145E	TF25	40.005		M205/255
42	30	80	25	21	17	F30/63	157E	TF30	40.006		M205/255
12	8	42	4	3	3	F8/577	101E	TF8	40.001	METAFIL	D3
22.05	17.5	51	12	10	8	F17.5	125E				(non-popular)
28	22	67	16	14	11	F22/88	139E				(non-popular)
34	25	65	20	17	14	F25/91	144E				(non-popular)
32	26	67	20	17	14	F26/90	146E				(non-popular)
38	27	72.7	22	19	15	F27/22	147E				(non-popular)

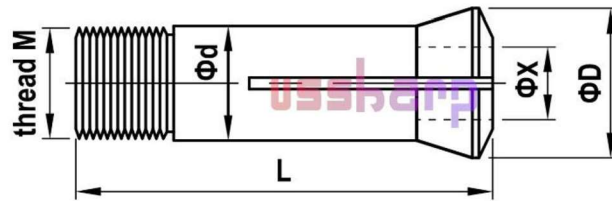
usssharp

Pull-Type Collets For Lathes



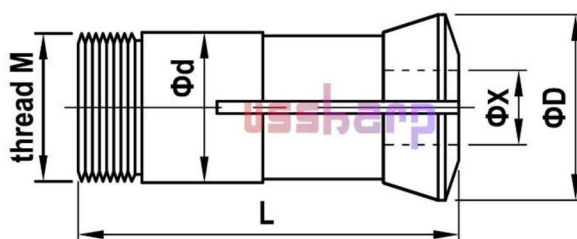
				○	⬡	□	※ Carbide and HSS are available	
ΦD	Φd	L	Thread M	Bore (X-max)			Machine type	
10.5	6	31.3	5x36F"	2			SCHAUBLIN	B6 72/00128
13	8	35.5	6.82x0.625	2				B8 72/00137, (302E)
26.3	20	73	S 19.7x1.666	14	12	10		W-20 80/00004, (349E)
28	20	122	S 19.7x2.0	14	12	10		L-20 77/00122, (355E)
33.7	25	97.6	S 24.7x15F"	18	15	12		W-25 80/00005, (364E)
33.7	25	97.6	S 24.7x15F"	18	15	12		HW-25 80/02010
40	32	106	S 29.7x15F"	23	19	16		HB-32 72/02010, (3713E)
60.3	46	120	40x1.5L	32	27	22		B46 72/02007, (9049E)
37.3	31.75	88	31.3x20F"	24	20	16	HARDINGE	5C
57.4	48	114.5	47.5x1.75	40	34	28		16C
73.2	60.4	163	60x1.5	52	45	36		20C
2.05"	1.625"	3.25"	1.611"x18F"	34	29	24		2J
2.41"	2"	3.75"	1.988"x20F"	40	34	28		3J
2.97"	2.562"	4"	2.55"x18F"	54	46	38		22J
41.5	34	84	29x20F"	22	19	15	SENDAY	SD-25
49	42	95	38x20F"	31	26	22		SD-32
51	42	95.5	36x1.5	28	24	19		SD-34
68	56	120	51x20F"	42	36	29		SD-45
68	61	120	56x20F"	46	40	32		SD-52
44	36	88	32x1.5	25	21	17	RIKEN	PULL-25
66	55	110	50x1.5	42	36	29		PULL-40
97	83	132	78x2.0	65	56	45		PULL-60
26	19.05	76	18.5x1.25	13	11	9	KITAMURA	XKNC-15FA
34	26	92	25x1.25	18	15	12		XKNC-20FA
41	33	100	32x1.5	25	21	17	CITIZEN	BL20/25
38	30	75	25x1.5	18	15	12	TSUGAMI	BM-16
38	30	79	26x1.5	19	16	13	STAR	SC-20

Pull-Type Collets For Lathes



				○	⬡	□	※ Carbide and HSS are available	
ΦD	Φd	L	Thread M	Bore (X-max)			Machine type	
26	19	76	18.5x1.2	13	11	9	EGURO	6#
34	25	102	24x1.5	17	14	11		8#
42	32	118	32x1.5	25	21	17		10#
26	19	76	18.5x1.2	13	11	9	YUNGHO	YB-15
34	25	102	24x1.5	17	14	11		YB-20
39.5	32	102	31.5x20F"	25	21	17		YB-25
49	39	118	38x18F"	32	27	22		YB-32
64	52	137	50x16F"	42	36	29		YB-42
24	16	72	15x0.85	10	8	7	FUJI	0825#
36	28	100	25x1.5	18	15	12		1820#
49	35	124	33x1.5	26	22	18		1825#
57.5	43	137	40x1.75	33	28	23		1832#
21	15	60	15x1.0	9	7	6	DAIWA	10#
24	17	67	17x1.0	11	9	7		102#
28	22	85	21x1.0	15	13	10		15#
46.5	37	101	32x1.5	25	21	17	TAKAMAZ	850
32	23	97	22x1.5	16	14	11	WACHIGAL	WPL-17
38	28	82	24x20F"	17	14	12	WANG TZYU	20#
32	23	94	Tr 23x1.5	16	14	11	NANN	359E (K23)
45	32	114	Tr 32x1.5	25	21	17		386E (K32)
60	45	145	Tr 45x2.0	37	32	26		389E (K45)
60.3	46	120	40x1.5L	33	28	23		9049E, B46
69.3	53	136	47x1.5L	39	33	27		9070E
33.7	25	97.6	S 24.7x15F"	17	14	12		3640E(2)
40	32	106	S 29.7x15F"	22	19	15		3714E
45	32	124	Tr 32x1.5	25	21	17		3718E
1.19"	1.06"	4.375"	1.048"x16LH	18	15	12	DAVENPORT	Burring
1.5"	1.218"	4.38"	1.143"X16RH	21	18	14		Serro B

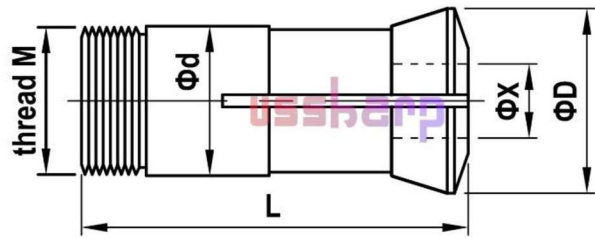
Guide Bushes For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Thread M	Bore (ΦX-max)			Code				Machine type	
12.5	9	44	M8x0.75	4	3	3	I351	3077E	1.001	PD-4	TORNOS	M4,T4,TV
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7		M7
17	13	68	M13x1.0	7	6	5			45.001			M7,MS7
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		M10,R10,MS7,R125
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		M10,R10,MS7,R125
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R		M10,R10,R125
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		M15,R16,RR20
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		M15,R16,RR20
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		R20,RR20
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		M20,M25/28
39	32	71	M32x1.0	25	21	17	F355	3708E	282.001	TSD20		M20,M25
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		MR32
53	44	87.5	M40x1.0	32	27	22		3835E	27.001			MR32
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	TORNOS -DECO	DECO-7,MICRO-7
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		DECO-10,TOP-100
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		DECO-13/16
29	26	77	M25x1.0	20	17	14			99.001	TD26		DELTA-12/20,GAMMA-20/26
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		DECO-20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		DECO-26,SIGMA-20
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		DECO-32
54	48	81	M46x1.0	38	33	27	T249		496.001			DELTA 38/5
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	HANWHA	XD07
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		SL12,XD12H,XP12
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R		HANEX11,SL12
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		HANEX17,ML18-G,SL/XD/XP-16
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		HANEX20,SL20S,XD20H-M,XD120
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		HANEX25,SL26HPH-S/H,XD26H
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		SL-32,XD-32
52	45	82	M42x1.0	35	30	24			250.001			SL-35HP,SL-38,XD38H
53	46	82	M45x1.0	38	33	27						SL-38HP-II

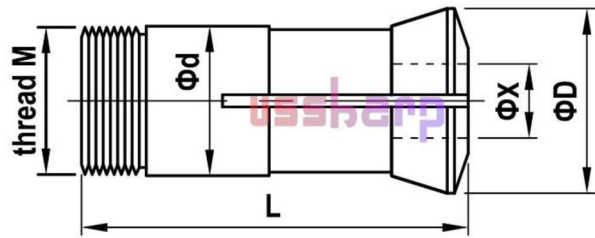
Guide Bushes For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Thread M	Bore (ΦX-max)			Code				Machine type	
12.5	9	44	M8x0.75	4	3	3	I351	3077E	1.001	PD-4	CITIZEN	R04
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7		R07
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		D10,E10,F10,L10
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		B12,C12,F12,K12,M12
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R		A12,B12,C12,F12
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		C/D/F/G/K/L/M-16
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		A20,B20,F20,M20,L20
35	30	59	M30x1.0	21	18	15			510.001			A20,L20,F20,E20
39	32	71	M32x1.0	25	21	17	F355	3708E	282.001	TSD20		E20,F20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		E25,E25J,F25,L25
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		C/E/G/L/M-32,E32J
48	42	82	M40x1.0	32	27	22			28.010	TD32		C/E/G/L/M-32,E32J
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	STAR	TD-7,SW7
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		JNC-10,RNC-10,SNC-10
24	21	58	M18x1.0	14	12	9	T221	3438E	450.001	SNC15		SH/VNC12,SJ/SNC15,JNC/RNC16
26	22	70.5	M20x1.0	16	13	11			487.001	P1653D		SB16,SR16
29	22	68	M22x1.0	16	13	11		3455E				RNC/SE/SA/SR/VNC/KNC/KJR-16
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		SR20,KNC16/20,VNC20
35	30	59	M30x1.0	21	18	15			510.001			L16/20,ZNC16,VNC20,SR20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		SCN25,KJR25
49	42	82	M40x1.0	32	27	22		3827E	28.001	TD32S		JNC25,KNC/VNC/SR-25/32,MR32
54	48	82	M46x1.0	38	33	27			464.001	T248		STM-38
36	30	70	M28x1.0	20	17	14			486.001	NN20KD	JINN FA	JSL-20
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		JSL-20RBY
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		JSL-26
48	42	82	M40x1.0	32	27	22			28.010	TD32		JSL-32
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		JSL-32
59	52	95	M50x1.0	44	38	31				JSL42		JSL-42AB

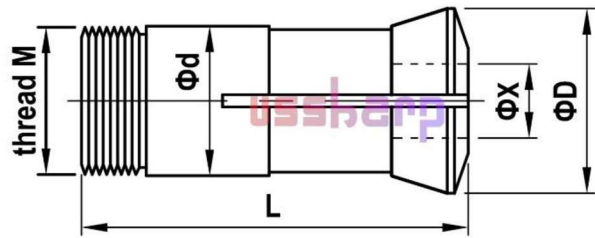
Guide Bushes For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Thread M	Bore (ΦX-max)			Code				Machine type	
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	TSUGAMI	NP-4W,BO07
15.8	12	52	M12x1.0	7	6	5		3149E	261.001			T7,BO07,BM07
19	15	54	M14x1.0	10	8	7						L10
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		NT-11,NP-11
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R		NT-11,NP-11
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		NT12
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		NT12
26	22	70.5	M20x1.0	16	13	11			487.001	P1653D		BO12
28	23	72	M22x1.0	16	13	11			483.001	TSG20R		NP-17,NP-16,NT-17,S16
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		BS12,NT/NP/S-16/17,BO18,BS18
29	26	77	M25x1.0	20	17	14			99.001	TD26		BO20-CV,HS207
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		BS20,NP20,S20
36	30	70	M28x1.0	20	17	14			486.001	NN20KD		NP-20,BS20,BO18,BS18
38	32	70	M30x1.0	21	18	15						BA-26L
39	32	71	M32x1.0	25	21	17	F355	3708E	282.001	TSD20		S25
38	33	70	M30x1.0	21	18	15						BA-26
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		S-25,BS-26
46	41	54	M38x1.0	30	26	21			488.001	B232		BS32,TS32
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		NP-32
53	46	92	M45x1.0	38	33	27			467.001			BO385
54	48	81	M46x1.0	38	33	27	T249		496.001			BH38,BO385
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16	TRAUB	TNL-12/7
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		TNL-16
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		TNL-17,TNL-18,TNL-20
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		TNL-20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		TNL-26
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		TNL-32

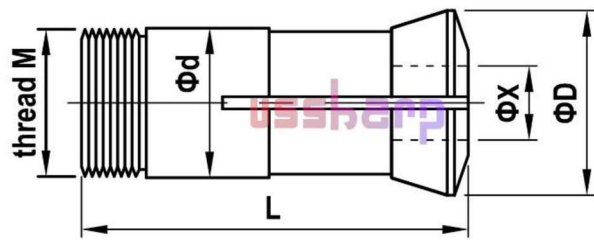
Guide Bushes For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Thread M	Bore (ΦX-max)			Code				Machine type	
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	NOMURA	P6
20	14	61	M14x1.0	10	8	7			480.001	P853D		NS-P8410,NS-P8420,NN12K
20	16	63	M14x1.0	10	8	7			481.001	P1053D		NS-P1053,NN-10K
26	22	70	M20x1.0	16	13	11			487.001	P1653D		NS-P1653,NS-P1253,HH/NN-P16
35	30	67.5	M30x1.0	21	18	15						NN-P20,NN-20KF
36	30	70	M28x1.0	20	17	14			486.001	NN20KD		NN-P
44	36	89	M36x1.0	26	22	18						NNC-P2553,NN-25K
50	44	90	M40x1.0	32	27	22						P-32
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16	NEXTURN	SA-12
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R		SA-12
34	28	82	M25x1.0	20	17	14		3602E	22.001	TD25S		SA-18,SA-20,SA-20E
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		SA-26,SA-26E
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		SA-32
53	46	92	M45x1.0	38	33	27			467.001			SA-38
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16	MANURHIN	Swing 13,Traminer 13
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		Twin 13,Decotum 16
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		Traminer 16
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		Compact
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		KMX,Swing,Traminer,Twin 20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		KMX 26
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		Mirabel PM 32
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	MAIER	ML7
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		ML12G,ML12S,ML125KII
29	22	68	M22x1.0	16	13	11	F391		39.001	TD20R		ML18S,ML18H,ML20D
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		ML20
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		ML26S,ML26H,ML26D
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		ML32,ML36

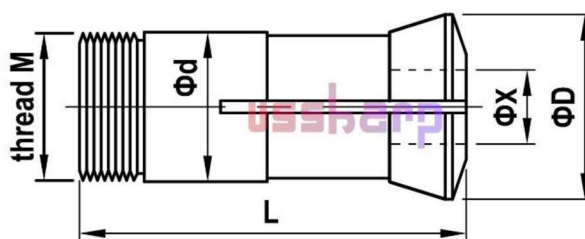
Guide Bushes For Lathes



※ Carbide and HSS are available

ΦD	Φd	L	Thread M	Bore (ΦX-max)			Code				Machine type	
12.5	9	44	M8x0.75	4	3	3	I351	3077E	1.001	PD-4	BECHLER	A4,A7
15.8	12	52	M12x1.0	7	6	5		3149E	261.001			A7,A10
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		A7,A10,AR10
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		B12,B16,B20
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10	BECHLER -ENC	74/75
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		162/164
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		163/167
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	STROHM	M75/105
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16		M105/125
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		M205/255
47.8	40	72	M36x1.0	26	22	18			172.001			M205/255
21.9	18	60	M18x1.0	12	10	8		3319E	174.001	SD125R	POLYGYM	DIAMOND 12,12CS
26	22	70	M20x1.0	16	13	11			487.001	P1653D		DIAMOND 16,16CS
35	30	59	M30x1.0	21	18	15			510.001			DIAMOND 20,20B,20CS,20CSB
39	32	71	M32x1.0	25	21	17	F355	3708E	282.001	TSD20		Serie 20mm
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		DIAMOND25,25B,25CS,Serie 20mm
48	42	82	M40x1.0	32	27	22			28.010	TD32		DIAMOND 32,32B,32CS,32CSB
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		Serie 32mm
56.5	50	82	M49x1.0	42	36	29						DIAMOND SY-42
21.9	18	60	M16x1.0	12	10	8	F853	3320E	166.001	SD125R16	GILDEMEISTER	GLD 12,SPRINT 12 5/7,Linear
38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167		GLD 16/20,GS20-L
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		GLD 25L,GS25-L,SPRINT 20,Linear
49	42	82	M40x1.0	32	27	22	T229	3827E	28.001	TD32S		SPEED 32-10,Linear
47.8	40	72	M36x1.0	26	22	18			172.001			SPEED 32
36	30	70	M28x1.0	20	17	14			486.001	NN20KD	HARDINGE	S20,ST220
34	28	82	M25x1.0	20	17	14	T223	3602E	22.001	TD25S		ST220
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		ST25,ST225

Guide Bushes For Lathes



※ Carbide and HSS are available

38	28	81	M25x1.0	20	17	14	I357	3610E	18.001	TD25/167	DMG	GMC 20
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7	METAFIL	D3
12.5	9	44	M8x0.75	4	3	3	I351	3077E	1.001	PD-4	PETERMANN	P4,P7
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		P7R,10,10HS
30	24	61	M24x1.0	16	13	11	F605	3507E	61.002	O201		P16
26	22	70.5	M20x1.0	16	13	11			487.001	P1653D	WANG TZY	SL-1693
41	34	87.5	M34x1.0	25	21.5	17.5	T227	3733E	451.001	CD25		SL-2596
48	42	82	M40x1.0	32	27	22			28.010	TD32		SL-3295
12.5	9	44	M8x0.75	4	3	3	I351	3077E	1.001	PD-4	GAUTHIER	1h
14.5	11	52	M10x0.75	5	4	3	I352	3134E	3.001	TD-7		1HR
20.5	16	59	M14x1.0	10	8	7	I353	3260E	8.001	TD10		GM 12
29	22	68	M19x1.0	15	13	10	I354	3454E	13.001	TD20		GM 20

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