

4



2022

BISON

LIVE & DEAD CENTERS



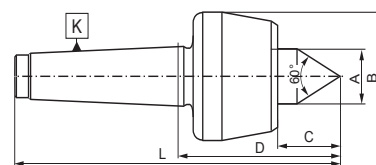
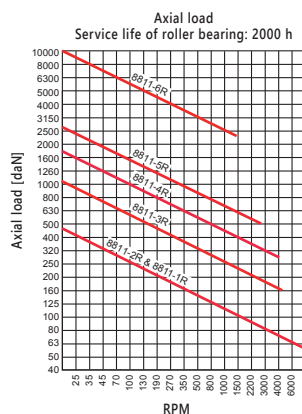
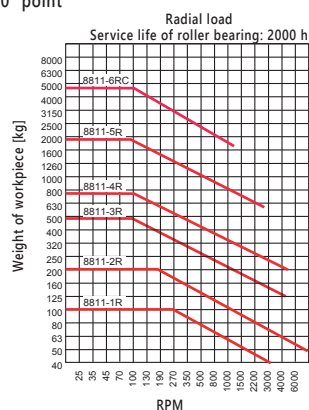
R-SERIES LIVE CENTERS

- HIGH PRECISION TRIPLE BEARING DESIGN
- SEALED TO PROTECT BEARINGS FROM CONTAMINATION



8811 R

- Revolving centers with 60° point

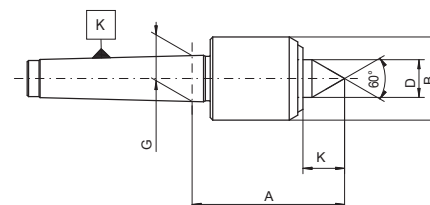
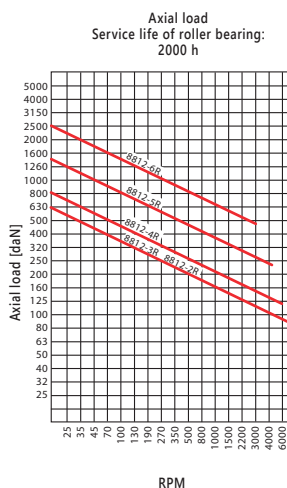
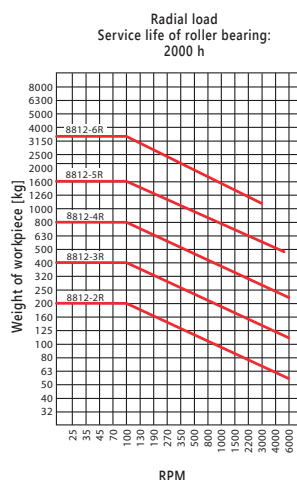


*Slim body design **Heavy duty

K MT	Max. weight [lbs]	RPM	Max. concentr. err.	Code No.	Max. concentr. err.	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
			[in] Precision		[in] Standard						
1	220	7,000	-	-	0.0002	7-568-001	0.59	1.42	0.67	2.38	4.49
2	440	7,000	0.0001	7-568-102	0.0002	7-568-002	0.79	1.77	0.93	2.54	5.06
3RL*	880	6,300	0.0001	7-568-103L	0.0002	7-568-003L	0.87	1.97	1.08	2.76	5.94
3	1,100	5,000	0.0001	7-568-103	0.0002	7-568-003	0.98	2.36	1.20	3.11	6.30
4	1,760	3,800	0.0001	7-568-104	0.0002	7-568-004	1.26	2.76	1.57	4.00	8.03
5	4,400	3,000	0.0001	7-568-105	0.0002	7-568-005	1.57	3.54	1.95	5.04	10.14
6	7,700	2,600	-	-	0.0004	7-568-006	1.97	4.13	2.26	5.98	13.15
6RC**	11,000	1,500	-	-	0.0004	7-568-006C	2.46	5.51	2.64	7.64	14.80

8812 R

- Revolving centers with 60° point and small body diameter



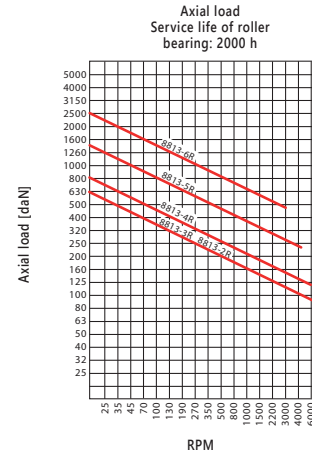
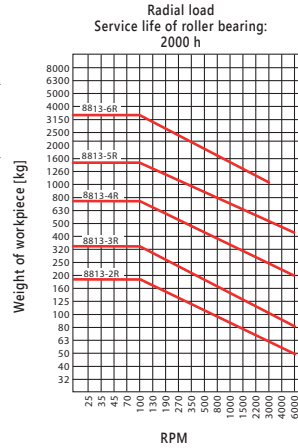
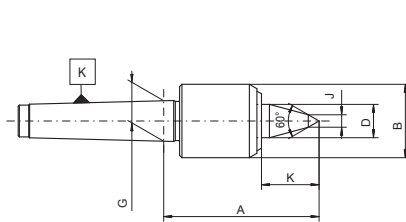
K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	A [in]	B [in]	D [in]	G [in]	K [in]
2	440	7,000	0.0002	7-563-002	2.44	1.26	0.59	0.70	0.71
3	880	7,000	0.0002	7-563-003	2.44	1.34	0.59	0.94	0.71
4	1,760	6,300	0.0002	7-563-004	2.97	1.65	0.79	1.23	0.98
5	3,520	4,300	0.0004	7-563-005	4.09	2.28	1.18	1.75	1.34
6	7,700	3,000	0.0008	7-563-006	5.63	3.15	1.65	2.49	1.93

- HIGH PRECISION TRIPLE BEARING DESIGN
- SEALED TO PROTECT BEARINGS FROM CONTAMINATION



8813 R

- Extended revolving centers with 60° point and small body diameter

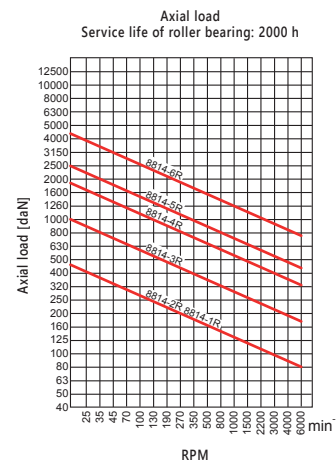
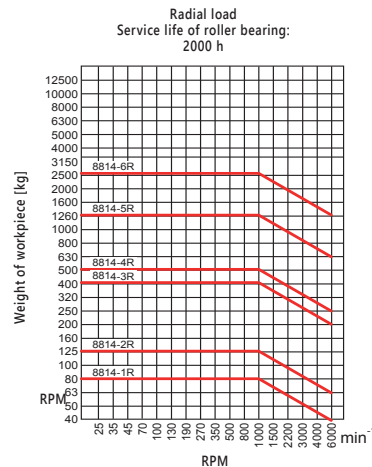
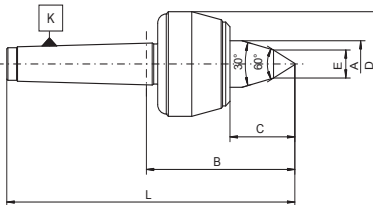


K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	A [in]	B [in]	D [in]	G [in]	K [in]	J [in]
2	374	7,000	0.0003	7-562-002	2.87	1.26	0.59	0.70	1.14	0.39
3	748	7,000	0.0003	7-562-003	2.91	1.34	0.59	0.94	1.18	0.43
4	1,540	6,300	0.0003	7-562-004	3.48	1.65	0.79	1.23	1.50	0.51
5	3,080	4,300	0.0004	7-562-005	4.69	2.28	1.18	1.75	1.93	0.55
6	6,600	3,000	0.0008	7-562-006	6.46	3.15	1.65	2.49	2.76	0.71



8814 R

- Extended revolving centers with 60° point



K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	A [in]	B [in]	C [in]	D [in]	E [in]	L [in]
1	176	7,000	0.0004	7-560-001	0.59	2.62	0.91	1.42	0.35	4.72
2	308	7,000	0.0002	7-560-002	0.79	2.93	1.32	1.77	0.39	5.45
3	880	5,000	0.0002	7-560-003	0.98	3.62	1.71	2.36	0.47	6.81
4	1,100	3,800	0.0002	7-560-004	1.26	4.47	2.05	2.76	0.55	8.50
5	2,640	3,000	0.0002	7-560-005	1.57	5.68	2.57	3.54	0.63	10.74
6	5,500	2,600	0.0004	7-560-006	1.97	6.71	3.05	4.13	0.71	13.88



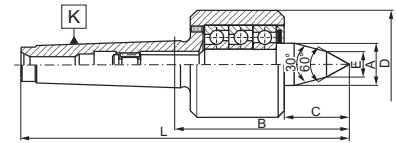
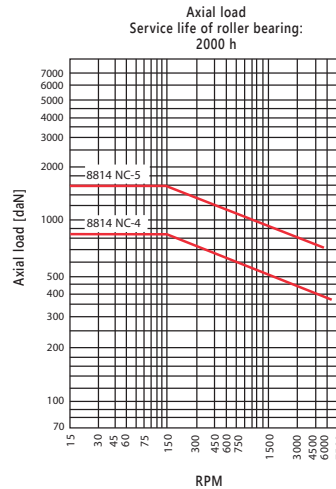
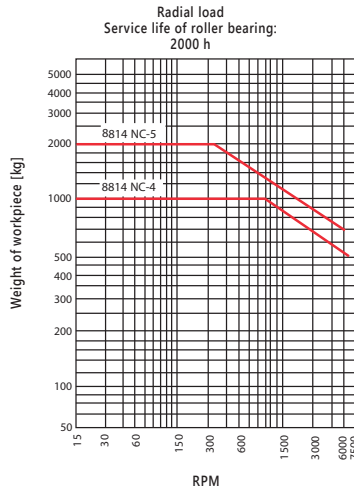
NC REVOLVING CENTERS WITH EXTENDED POINT

- QUAD BEARING DESIGN
- HEAVY DUTY



8814 NC

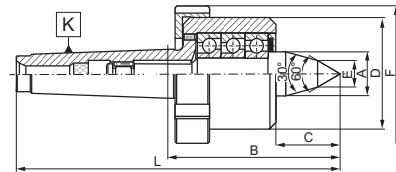
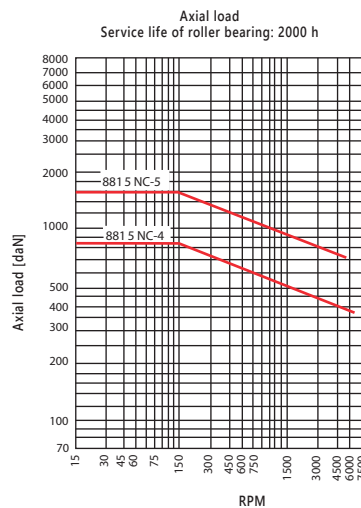
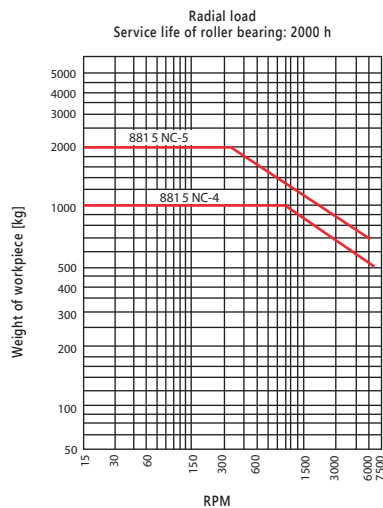
- High speed NC extended revolving centers with 60° point



K MT	Max weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	E [in]	L [in]
			[in] Precision		[in] Standard							
4	2,200	7,000	0.0002	7-566-004	0.0004	7-566-0040	1.10	4.67	1.93	2.76	0.55	8.70
5	4,400	6,000	0.0002	7-566-005	0.0004	7-566-0050	1.57	5.93	2.66	3.74	0.63	11.02

8815 NC

- High speed NC extended revolving centers with 60° point and draw off nut



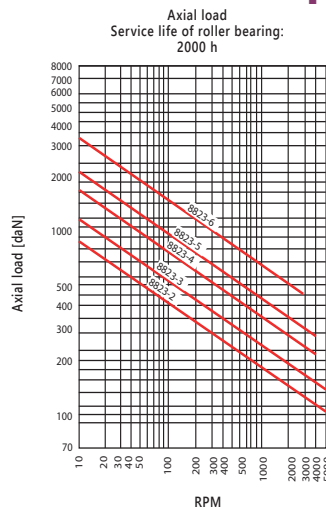
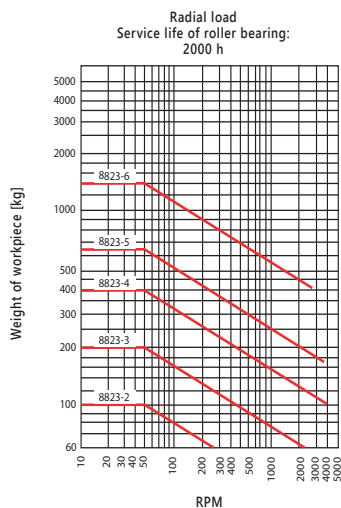
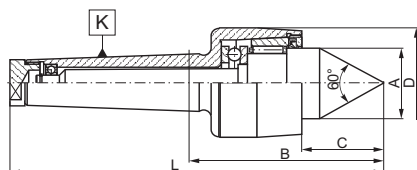
K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	L [in]
			[in] Precision		[in] Standard								
4	2,200	7,000	0.0002	7-569-004	0.0004	7-569-0040	1.10	4.67	1.93	2.76	0.55	3.23	8.70
5	4,400	6,000	0.0002	7-569-005	0.0004	7-569-0050	1.57	5.93	2.66	3.74	0.63	4.33	11.02

- TRIPLE BEARING DESIGN
- ADJUSTABLE ULTRA PRECISION RADIAL BEARING

8823



- Radial compensation revolving centers with 60° point

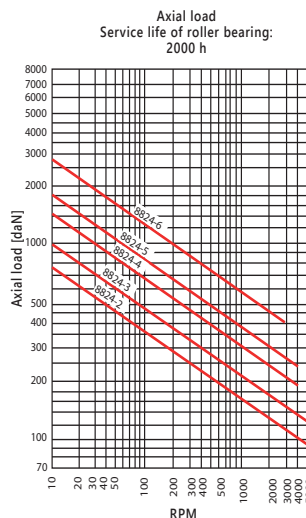
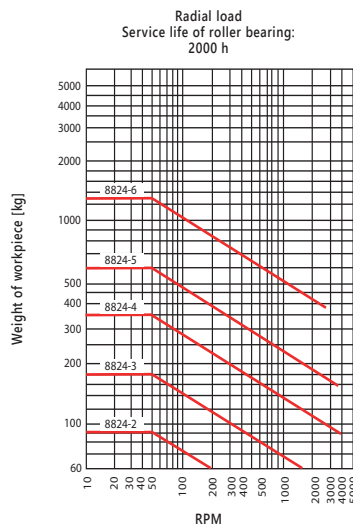
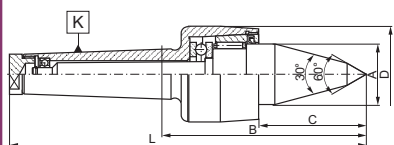


K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
			[in] Precision		[in] Standard						
2	220	8,000	0.0002	7-567-002	0.0002	7-567-0020	0.94	2.87	1.04	1.73	5.41
3	440	6,000	0.0001	7-567-003	0.0002	7-567-0030	1.10	3.35	1.28	1.89	6.54
4	880	4,500	0.0001	7-567-004	0.0002	7-567-0040	1.50	3.72	1.71	2.36	7.74
5	1,430	4,000	0.0001	7-567-005	0.0002	7-567-0050	1.97	4.59	2.19	2.95	9.69
6	3,080	3,000	0.0001	7-567-006	0.0003	7-567-0060	2.38	5.31	2.46	3.54	12.48

8824



- Radial compensation revolving centers with 60° point



K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
2	198	8,000	0.0006	7-559-002	0.94	3.35	1.52	1.73	5.89
3	396	6,000	0.0006	7-559-003	1.10	3.94	1.87	1.89	7.13
4	770	4,500	0.0006	7-559-004	1.50	4.63	2.62	2.36	8.64
5	1,320	4,000	0.0006	7-559-005	1.97	5.81	3.41	2.95	10.91
6	2,860	3,000	0.0006	7-559-006	2.38	6.57	3.72	3.54	13.74



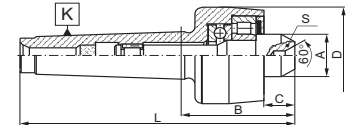
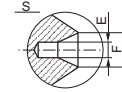
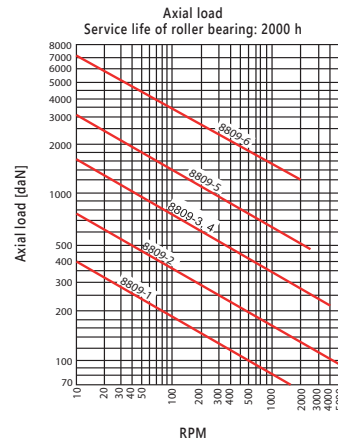
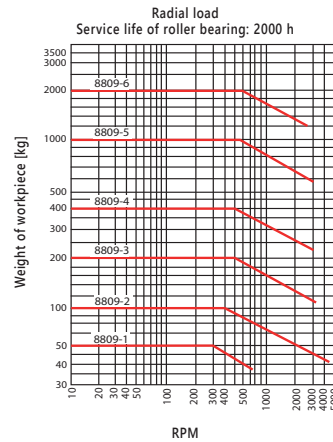
HEAVY DUTY REVOLVING CENTERS

- TRIPLE BEARING DESIGN
- HEAVY DUTY



8809

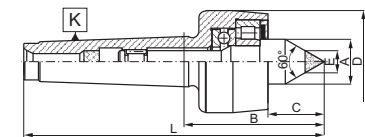
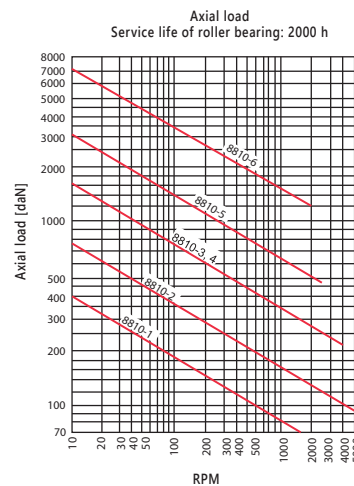
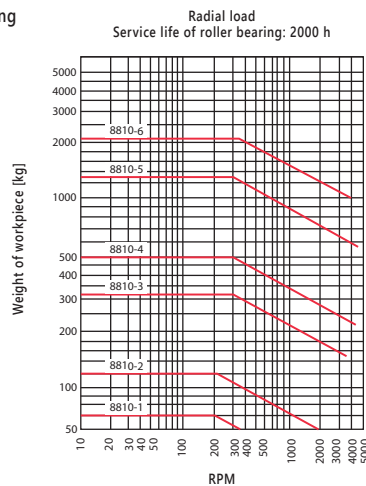
- Hollow-tipped HD revolving centers with 60° point



K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]	E [in]	F [in]
			[in] Precision		[in] Standard								
1	110	5,000	0.0002	7-554-101	0.0003	7-554-001	0.59	1.73	0.45	1.50	3.84	0.10	0.17
2	220	5,000	0.0001	7-554-102	0.0003	7-554-002	0.71	2.01	0.63	1.57	4.53	0.10	0.21
3	440	4,000	0.0001	7-554-103	0.0003	7-554-003	0.98	2.60	0.73	2.20	5.79	0.16	0.33
4	880	3,000	0.0001	7-554-104	0.0003	7-554-004	1.26	2.80	0.77	2.52	6.81	0.25	0.52
5	2,200	2,500	0.0002	7-554-105	0.0004	7-554-005	1.57	3.72	1.22	3.35	8.82	0.25	0.52
6	4,400	2,000	0.0002	7-554-106	0.0004	7-554-006	2.46	5.16	1.73	5.12	12.32	0.39	0.83

8810

- Carbide-tipped HD revolving centers with 60° point



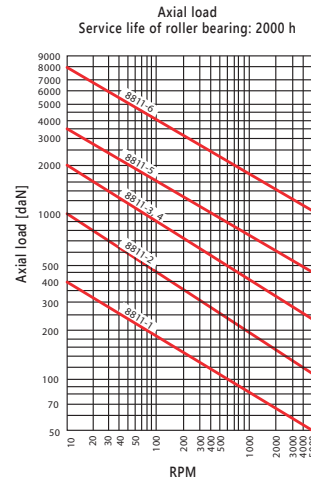
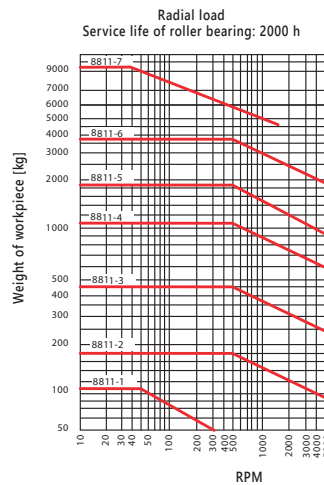
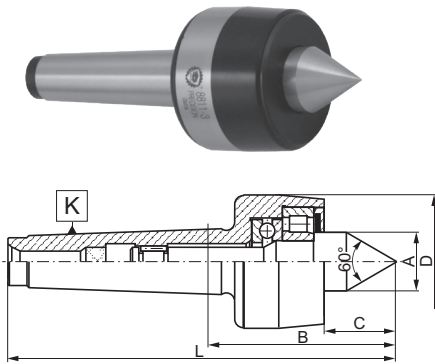
K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	E [in]	L [in]
			[in] Precision		[in] Standard							
1	132	5,000	0.0002	7-553-101	0.0003	7-553-001	0.59	1.95	0.67	1.50	0.28	4.06
2	264	5,000	0.0001	7-553-102	0.0003	7-553-002	0.71	2.22	0.85	1.57	0.28	4.74
3	704	4,000	0.0001	7-553-103	0.0003	7-553-003	0.98	2.95	1.08	2.20	0.43	6.14
4	1,100	3,000	0.0001	7-553-104	0.0003	7-553-004	1.26	3.35	1.32	2.52	0.55	7.36
5	2,750	2,500	0.0002	7-553-105	0.0004	7-553-005	1.57	4.25	1.73	3.35	0.71	9.33
6	4,840	2,000	0.0002	7-553-106	0.0004	7-553-006	2.46	5.96	2.52	5.12	0.71	13.13

- TRIPLE BEARING DESIGN
- HEAVY DUTY



8811

- HD revolving centers with 60° point

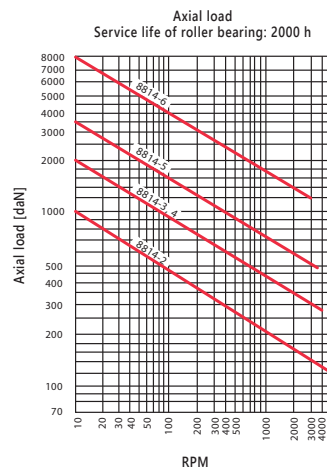
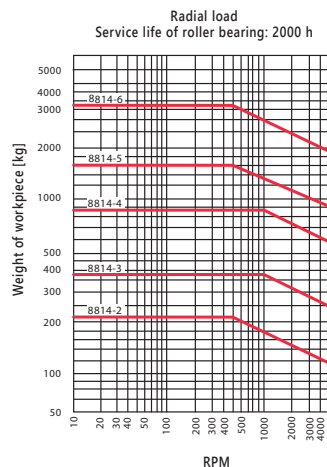
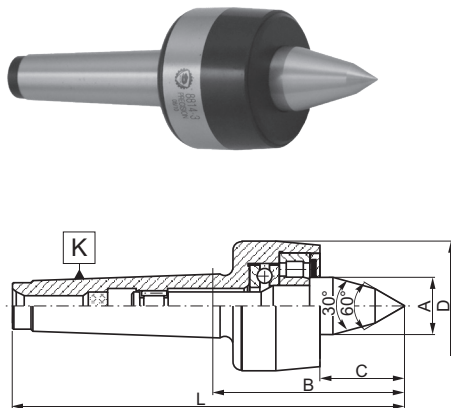


* Using heavy duty centers with lighter workpieces and/or lower axial load than specified, might result in higher runout

K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
			[in] Precision		[in] Standard						
1	220	5,000	0.0002	7-565-101	0.0003	7-565-001	0.59	1.95	0.67	1.50	4.06
2	396	5,000	0.0001	7-565-102	0.0003	7-565-002	0.71	2.22	0.85	1.57	4.74
3	990	4,000	0.0001	7-565-103	0.0003	7-565-003	0.98	2.95	1.08	2.20	6.14
4	2,200	3,000	0.0001	7-565-104	0.0003	7-565-004	1.26	3.35	1.32	2.52	7.36
5	4,180	2,500	0.0002	7-565-105	0.0004	7-565-005	1.57	4.25	1.73	3.35	9.33
6	8,140	2,000	0.0002	7-565-106	0.0004	7-565-006	2.46	5.96	2.52	5.12	13.13
7	20,900	1,000	0.0005	7-565-107	0.0008	7-565-007	2.95	7.74	2.89	5.91	17.60

8814

- HD extended revolving centers with 60° point



K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
			[in] Precision		[in] Standard						
2	506	5,000	0.0003	7-561-102	0.0006	7-561-002	0.71	2.54	1.16	1.57	5.06
3	836	4,000	0.0003	7-561-103	0.0006	7-561-003	0.98	3.46	1.59	2.20	6.65
4	1,870	3,000	0.0003	7-561-104	0.0006	7-561-004	1.26	4.06	2.03	2.52	8.07
5	3,520	2,500	0.0004	7-561-105	0.0008	7-561-005	1.57	5.12	2.60	3.35	10.20
6	6,930	2,000	0.0004	7-561-106	0.0008	7-561-006	2.46	7.01	3.62	5.12	14.19



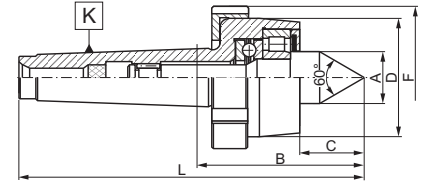
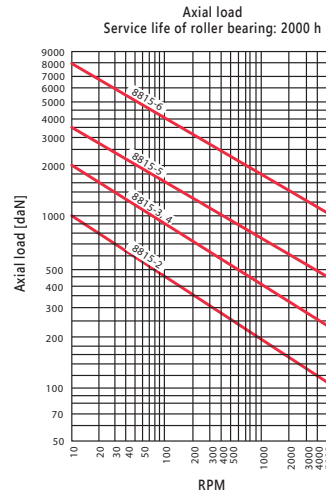
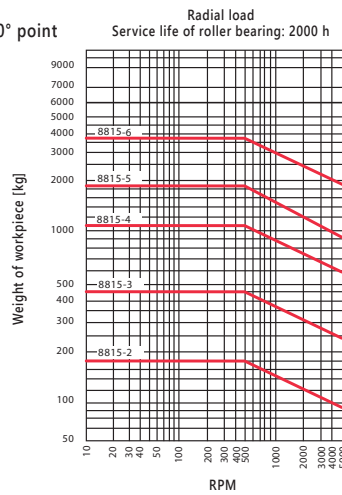
HEAVY DUTY REVOLVING CENTERS WITH DRAW OFF NUT

- TRIPLE BEARING DESIGN
- HEAVY DUTY



8815

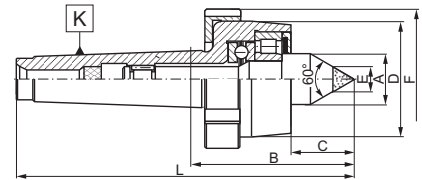
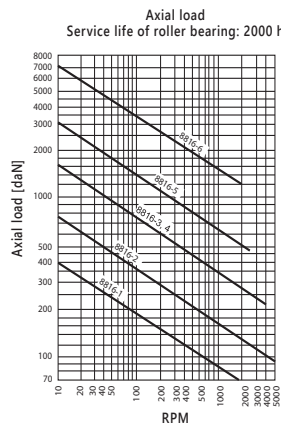
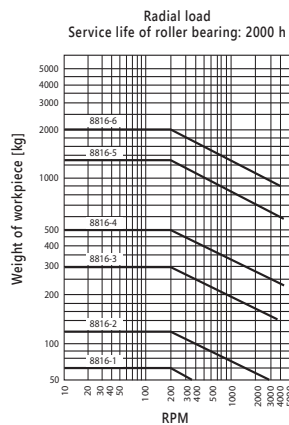
- HD revolving centers with 60° point angle and draw off nut



K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	F [in]	L [in]
			[in] Precision		[in] Standard							
1	220	5,000	0.0002	7-558-101	0.0003	7-558-001	0.59	1.95	0.67	1.50	1.97	4.06
2	396	5,000	0.0001	7-558-102	0.0003	7-558-002	0.71	2.22	0.85	1.57	2.05	4.74
3	990	4,000	0.0001	7-558-103	0.0003	7-558-003	0.98	2.95	1.08	2.20	2.68	6.14
4	2,200	3,000	0.0001	7-558-104	0.0003	7-558-004	1.26	3.35	1.32	2.52	2.99	7.36
5	4,180	2,500	0.0002	7-558-105	0.0004	7-558-005	1.57	4.25	1.73	3.35	3.94	9.33
6	8,140	2,000	0.0002	7-558-106	0.0004	7-558-006	2.46	5.96	2.52	5.12	5.91	13.13

8816

- Carbide-tipped HD revolving centers with 60° point and draw off nut

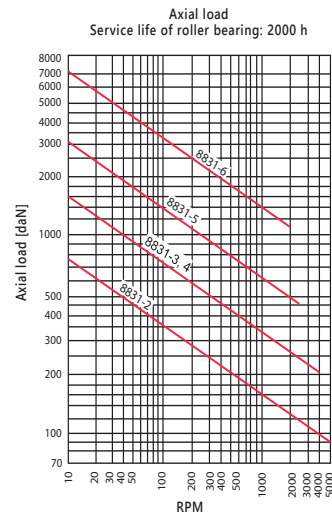
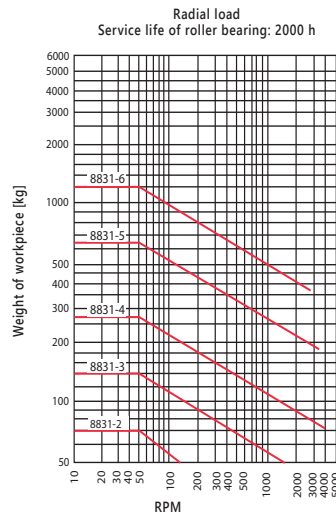
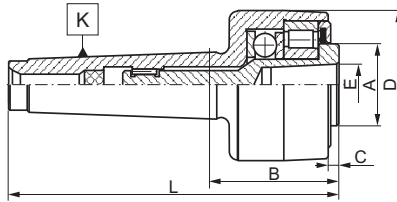


K MT	Max. weight [lbs]	RPM	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	F [in]	E [in]	L [in]
			[in] Precision		[in] Standard								
1	132	5,000	0.0002	7-557-101	0.0003	7-557-001	0.59	1.95	0.67	1.50	1.97	0.28	4.06
2	264	5,000	0.0001	7-557-102	0.0003	7-557-002	0.71	2.22	0.85	1.57	2.05	0.28	4.74
3	660	4,000	0.0001	7-557-103	0.0003	7-557-003	0.98	2.95	1.08	2.20	2.68	0.43	6.14
4	1,100	3,000	0.0001	7-557-104	0.0003	7-557-004	1.26	3.35	1.32	2.52	2.99	0.55	7.36
5	2,750	2,500	0.0002	7-557-105	0.0004	7-557-005	1.57	4.25	1.73	3.35	3.94	0.71	9.33
6	4,400	2,000	0.0002	7-557-106	0.0004	7-557-006	2.46	5.96	2.52	5.12	5.91	0.71	13.13

- TRIPLE BEARING DESIGN
- COMPATIBLE WITH INSERTS FROM KIT ON PAGES 11, 12

8831

- Revolving centers with interchangeable inserts - body only

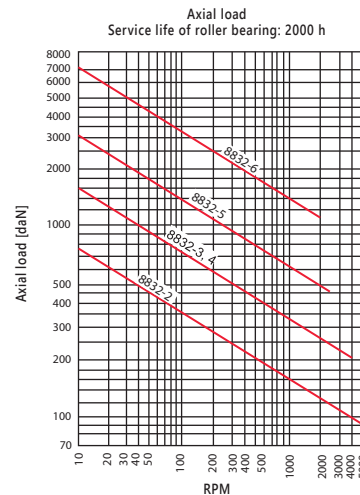
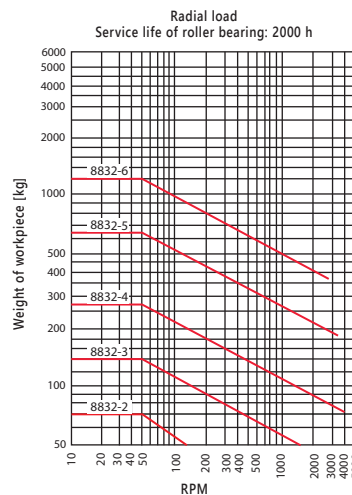
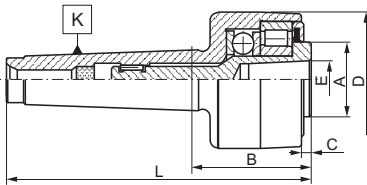


* Using heavy duty centers with lighter workpieces and/or lower axial load than specified might result in higher runout

K MT	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]	E [in]
	[in] Precision		[in] Standard							
2	0.0004	7-571-102	0.0008	7-571-1020	0.71	1.54	0.16	1.57	4.06	0.28
3	0.0004	7-571-103	0.0008	7-571-1030	0.98	2.05	0.18	2.20	5.24	0.47
4	0.0004	7-571-104	0.0008	7-571-1040	1.26	2.24	0.22	2.52	6.26	0.59
5	0.0006	7-571-105	0.0012	7-571-1050	1.57	2.76	0.24	3.35	7.83	0.87
6	0.0006	7-571-106	0.0012	7-571-1060	2.46	3.70	0.26	5.12	10.87	1.10

8832

- Revolving centers with interchangeable inserts - body only



K MT	Max. concentr. error	Code No.	Max. concentr. error	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]	E [in]
	[in] Precision		[in] Standard							
2	0.0004	7-570-102	0.0008	7-570-1020	0.87	1.61	0.12	1.77	4.13	0.39
3	0.0004	7-570-103	0.0008	7-570-1030	0.98	2.05	0.18	2.20	5.24	0.59
4	0.0004	7-570-104	0.0008	7-570-1040	1.26	2.24	0.22	2.52	6.26	0.79
5	0.0006	7-570-105	0.0012	7-570-1050	1.57	2.76	0.24	3.35	7.83	0.98
6	0.0006	7-570-106	0.0012	7-570-1060	2.46	3.70	0.26	5.12	10.87	1.18



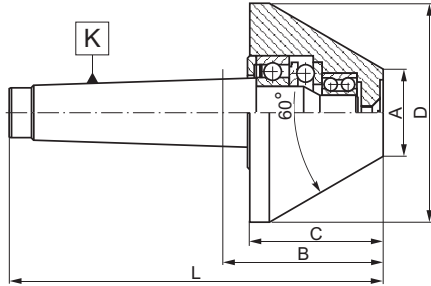
MORSE TAPER REVOLVING CENTERS

- LARGE DIAMETER CENTERS & DRIVERS



8825

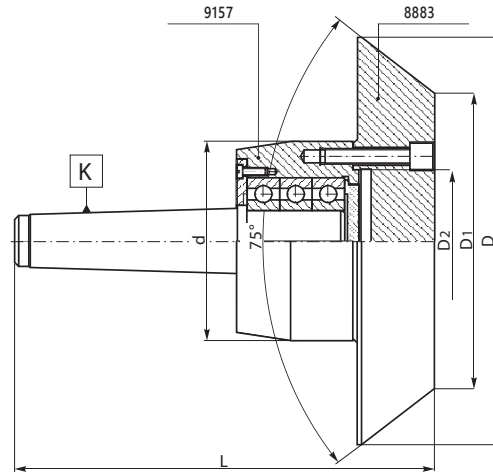
- Bull nose revolving centers with 60° truncated point



Size	K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	A [in]	B [in]	C [in]	D [in]	L [in]
1	1	220	5,000	0.0003	7-575-010	0.79	1.59	1.38	1.97	3.70
2	2	396	5,000	0.0003	7-575-020	1.18	1.63	1.38	2.36	4.15
2-1	2	660	4,500	0.0003	7-575-021	1.18	2.32	2.09	3.15	4.84
3	3	770	4,500	0.0003	7-575-030	1.18	2.32	2.09	3.15	5.51
3-1	3	1,210	3,000	0.0003	7-575-031	1.57	2.64	2.40	3.94	5.83
3-2	3	1,320	3,000	0.0003	7-575-032	1.97	2.99	2.76	4.72	6.18
4	4	1,320	3,000	0.0003	7-575-040	1.57	2.70	2.40	3.94	6.73
4-1	4	1,540	3,000	0.0003	7-575-041	1.97	3.05	2.76	4.72	7.09
4-2	4	1,540	3,000	0.0004	7-575-042	2.76	3.05	2.76	5.51	7.09
5	5	1,650	3,000	0.0004	7-575-050	1.97	3.05	2.76	4.72	8.15
5-1	5	1,650	2,000	0.0008	7-575-051	3.94	3.05	2.76	6.69	8.15
6	6	4,400	1,000	0.0020	7-575-060	7.09	4.57	4.21	11.50	11.73

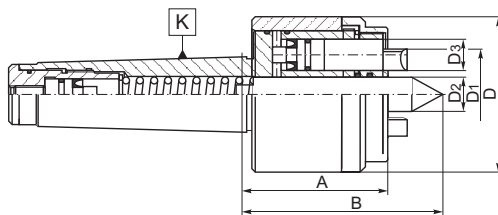
8882

- Pipe revolving centers with 75° truncated point and interchangeable inserts



8410

- Hydraulic face drivers

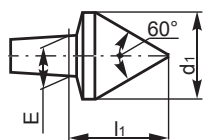


Code No.	D ₁ [in]	K MT	D [in]	D ₂ [in]	D ₃ [in]	A [in]	B [in]	Max. concentr. error [in]	Max. weight [lbs]
7-590-041	1.06	4	2.68	0.47	0.47	2.52	3.15	0.0008	121
7-590-051	1.06	5	2.68	0.47	0.47	2.52	3.15	0.0008	121
7-590-043	1.57	4	3.19	0.55	0.47	2.64	3.31	0.0008	143
7-590-053	1.57	5	3.19	0.55	0.47	2.64	3.31	0.0008	143
7-590-054	1.97	5	3.54	0.79	0.71	3.39	4.45	0.0012	220
7-590-055	2.48	5	3.94	0.79	0.71	3.39	4.45	0.0012	220

K MT	d [in]	D [in]	D ₁ [in]	D ₂ [in]	L [in]	Max. weight [lbs]	RPM	Max. concentr. error [in]	Set	Head Only	Body Only
									Code No.		
3	3.15	5.91	3.74	2.20	7.09	1,540	4,000	0.0020	7-573-3301	7-573-0301	7-573-033
3	3.15	7.87	5.71	2.20	7.09	1,540	4,000	0.0020	7-573-3302	7-573-0302	7-573-033
4	3.94	5.91	3.74	2.76	8.11	2,200	3,500	0.0020	7-573-4401	7-573-0401	7-573-044
4	3.94	7.87	5.71	2.76	8.11	2,200	3,500	0.0020	7-573-4402	7-573-0402	7-573-044
4	3.94	9.84	7.68	2.76	8.11	2,200	3,500	0.0020	7-573-4403	7-573-0403	7-573-044
4	4.92	7.87	5.71	3.74	8.46	3,300	3,200	0.0020	7-573-4502	7-573-0502	7-573-054
4	4.92	9.84	7.68	3.74	8.46	3,300	3,200	0.0020	7-573-4503	7-573-0503	7-573-054
4	4.92	11.81	9.65	3.74	8.46	3,300	3,200	0.0020	7-573-4504	7-573-0504	7-573-054
5	4.92	7.87	5.71	3.74	9.53	3,300	3,200	0.0020	7-573-5502	7-573-0502	7-573-055
5	4.92	9.84	7.68	3.74	9.53	3,300	3,200	0.0020	7-573-5503	7-573-0503	7-573-055
5	4.92	11.81	9.65	3.74	9.53	3,300	3,200	0.0020	7-573-5504	7-573-0504	7-573-055
5	6.30	9.84	7.68	4.92	9.65	3,960	3,000	0.0020	7-573-5601	7-573-0601	7-573-065
5	6.30	11.81	9.65	4.92	9.65	3,960	3,000	0.0020	7-573-5602	7-573-0602	7-573-065



8841

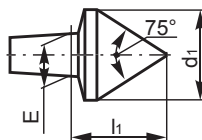


Code No.	W*	d ₁	E	I ₁
7-571-202	2	0.71	0.28	0.83
7-571-203	3	0.98	0.47	1.10
7-571-204	4	1.10	0.59	1.20
7-571-205	5	1.57	0.87	1.67
7-571-206	6	2.36	1.10	2.42

*Size



8842



Code No.	W*	d ₁	E	I ₁
7-571-302	2	0.71	0.28	0.69
7-571-303	3	0.98	0.47	0.91
7-571-304	4	1.10	0.59	0.98
7-571-305	5	1.57	0.87	1.34
7-571-306	6	2.36	1.10	1.99

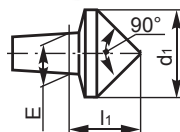
*Size

8831-KPL

- Revolving centers with interchangeable inserts
- Set provided with main body and seven different inserts in plastic case



8843

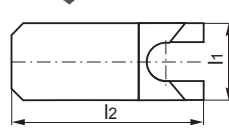


Code No.	W*	d ₁	E	I ₁
7-571-402	2	0.71	0.28	0.59
7-571-403	3	0.98	0.47	0.75
7-571-404	4	1.10	0.59	0.83
7-571-405	5	1.57	0.87	1.10
7-571-406	6	2.36	1.10	1.57

*Size



8847

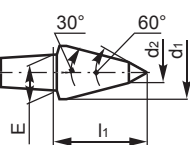


Code No.	W*	I ₁	I ₂
7-571-902	2	0.79	1.97
7-571-903	3	1.18	2.76
7-571-904	4	1.77	3.94
7-571-905	5	2.17	4.72
7-571-906	6	2.56	6.30

*Size



8844

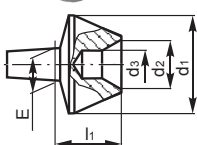


Code No.	W*	d ₁	d ₂	E	I ₁
7-571-502	2	0.59	0.24	0.28	1.06
7-571-503	3	0.71	0.31	0.47	1.22
7-571-504	4	0.98	0.47	0.59	1.59
7-571-505	5	1.10	0.51	0.87	1.79
7-571-506	6	1.57	0.71	1.10	2.50

*Size



8845

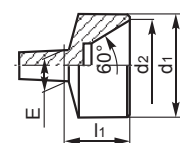


Code No.	W*	d ₁	d ₂	d ₃	E	I ₁
7-571-602	2	1.10	0.47	0.24	0.28	0.73
7-571-603	3	1.57	0.75	0.39	0.47	0.94
7-571-604	4	2.17	0.87	0.39	0.59	1.44
7-571-605	5	2.76	1.26	0.39	0.87	1.65
7-571-606	6	3.94	1.97	0.59	1.10	2.20

*Size

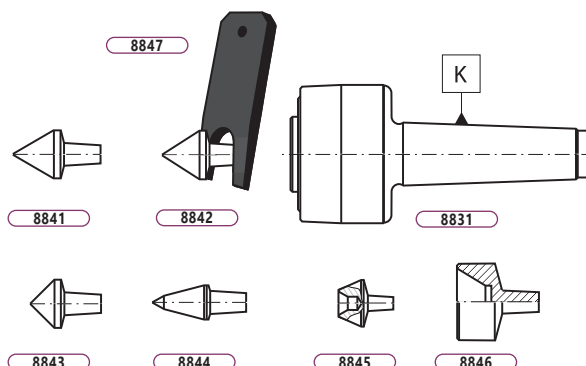


8846



Code No.	W*	d ₁	d ₂	E	I ₁
7-571-702	2	1.10	0.94	0.28	0.85
7-571-703	3	1.57	1.38	0.47	1.04
7-571-704	4	2.17	1.89	0.59	1.54
7-571-705	5	2.76	2.48	0.87	1.85
7-571-706	6	3.94	3.54	1.10	2.44

*Size



K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	Max. concentr. error [in]	Code No.
			Precision		Standard	
2	154	5,000	0.0004	7-571-002	0.0008	7-571-0020
3	264	4,000	0.0004	7-571-003	0.0008	7-571-0030
4	616	3,000	0.0004	7-571-004	0.0008	7-571-0040
5	1,430	2,500	0.0006	7-571-005	0.0012	7-571-0050
6	2,640	2,000	0.0006	7-571-006	0.0012	7-571-0060



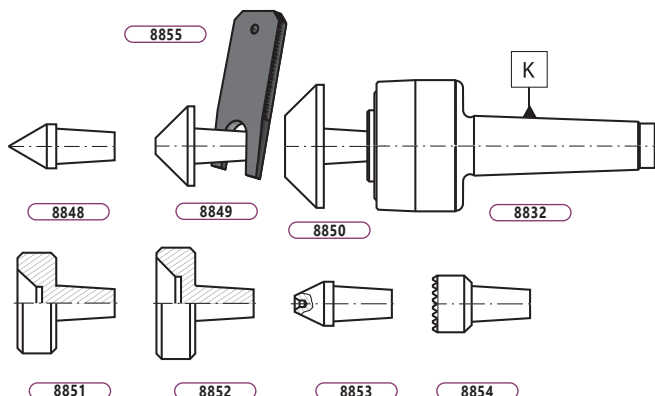
REVOLVING CENTERS WITH INTERCHANGEABLE INSERTS

- SET PROVIDED WITH MAIN BODY AND SEVEN INSERTS, EXTRACTION TOOL, AND PLASTIC CASE



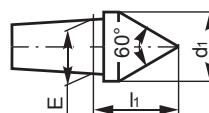
8832-KPL

- Revolving centers with interchangeable inserts
- Set provided with main body and eight different inserts in plastic case



K MT	Max. weight [lbs]	RPM	Max. concentr. error [in]	Code No.	Max. concentr. error [in]	Code No.
			Precision		Standard	
2	154	5,000	0.0004	7-570-002	0.0008	7-570-0020
3	264	4,000	0.0004	7-570-003	0.0008	7-570-0030
4	616	3,000	0.0004	7-570-004	0.0008	7-570-0040
5	1,430	2,500	0.0006	7-570-005	0.0012	7-570-0050
6	2,640	2,000	0.0006	7-570-006	0.0012	7-570-0060

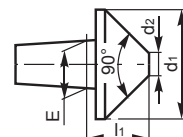
8848



Code No.	W*	d ₁	E	L ₁
7-570-202	2	0.59	0.39	0.75
7-570-203	3	0.79	0.59	0.98
7-570-204	4	0.98	0.79	1.18
7-570-205	5	1.26	0.98	1.38
7-570-206	6	1.42	1.18	1.73

*Size

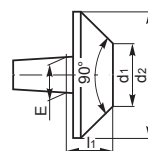
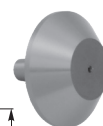
8849



Code No.	W*	d ₁	d ₂	E	L ₁
7-570-302	2	0.87	0.12	0.39	0.59
7-570-303	3	1.42	0.24	0.59	0.87
7-570-304	4	1.77	0.39	0.79	0.98
7-570-305	5	2.20	0.55	0.98	1.18
7-570-306	6	2.76	0.71	1.18	1.42

*Size

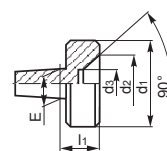
8850



Code No.	W*	d ₁	d ₂	E	L ₁
7-570-402	2	0.71	1.46	0.39	0.59
7-570-403	3	1.30	2.48	0.59	0.87
7-570-404	4	1.38	2.76	0.79	0.98
7-570-405	5	1.50	3.15	0.98	1.18
7-570-406	6	1.97	3.94	1.18	1.42

*Size

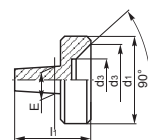
8851



Code No.	W*	d ₁	d ₂	d ₃	E	L ₁
7-570-502	2	0.87	0.71	0.31	0.39	0.59
7-570-503	3	1.42	1.10	0.47	0.59	0.87
7-570-504	4	1.77	1.46	0.67	0.79	0.98
7-570-505	5	2.20	1.73	0.79	0.98	1.18
7-570-506	6	2.76	2.28	0.94	1.18	1.42

*Size

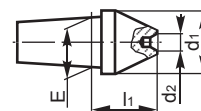
8852



Code No.	W*	d ₁	d ₂	d ₃	E	L ₁
7-570-602	2	1.18	0.98	0.59	0.39	0.59
7-570-603	3	1.77	1.50	0.87	0.59	0.87
7-570-604	4	2.48	2.09	1.18	0.79	0.98
7-570-605	5	2.76	2.36	1.42	0.98	1.18
7-570-606	6	3.94	3.46	2.13	1.18	1.42

*Size

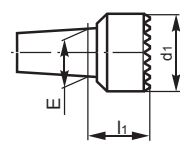
8853



Code No.	W*	d ₁	d ₂	E	L ₁
7-570-702	2	0.59	0.05	0.39	0.59
7-570-703	3	0.79	0.05	0.59	0.87
7-570-704	4	0.98	0.10	0.79	0.98
7-570-705	5	1.26	0.10	0.98	1.18
7-570-706	6	1.42	0.16	1.18	1.42

*Size

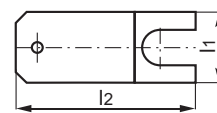
8854



Code No.	W*	d ₁	E	L ₁
7-570-802	2	0.71	0.39	0.59
7-570-803	3	0.98	0.59	0.87
7-570-804	4	1.26	0.79	0.98
7-570-805	5	1.77	0.98	1.18
7-570-806	6	2.20	1.18	1.42

*Size

8855



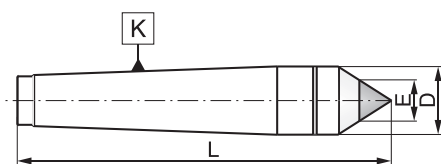
Code No.	W*	L ₁	L ₂
7-570-902	2	0.79	2.36
7-570-903	3	1.18	3.15
7-570-904	4	1.57	3.94
7-570-905	5	1.97	4.72
7-570-906	6	2.36	6.30

*Size

- CASE HARDENED TO 61-63 HRC
- PRODUCED FROM BALL BEARING STEEL

Carbide-tipped solid centers with full point

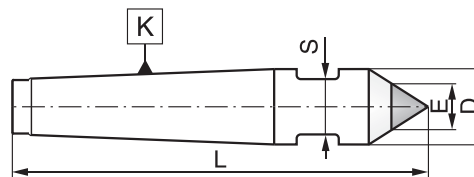
8711



Code No.	K MT	L [in]	D [in]	E [in]
7-550-000	0	2.76	0.36	0.20
7-550-005	1	3.15	0.48	0.28
7-550-010	2	3.94	0.71	0.28
7-550-015	3	4.92	0.95	0.43
7-550-020	4	6.30	1.24	0.55
7-550-025	5	7.87	1.76	0.71
7-550-030	6	10.63	2.51	0.71

Carbide-tipped solid centers with full point and spanner flats

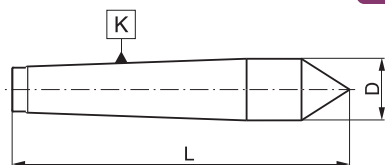
8721



Code No.	K MT	L [in]	D [in]	E [in]	S [in]
7-543-000	0	3.07	0.36	0.20	0.28
7-543-001	1	3.54	0.48	0.28	0.39
7-543-002	2	4.41	0.71	0.28	0.51
7-543-003	3	5.43	0.95	0.43	0.75
7-543-004	4	6.89	1.24	0.55	0.94
7-543-005	5	8.54	1.76	0.71	1.42
7-543-006	6	11.42	2.51	0.71	2.17

Solid centers with full point

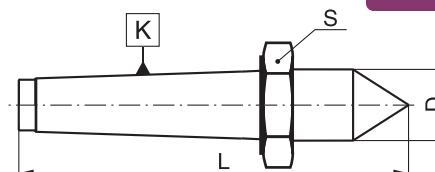
8712



Code No.	K MT	L [in]	D [in]
7-555-000	0	2.76	0.36
7-555-005	1	3.15	0.48
7-555-010	2	3.94	0.71
7-555-015	3	4.92	0.95
7-555-020	4	6.30	1.24
7-555-025	5	7.87	1.76
7-555-030	6	10.63	2.51
7-555-035	7	14.17	3.29

Solid centers with full point and draw off nut

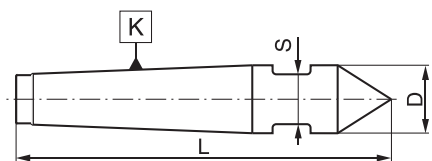
8725



Code No.	K MT	L [in]	D [in]	S [in]	
7-545-000	0	3.07	0.36	0.75	7-545-900
7-545-001	1	3.54	0.48	0.94	7-545-901
7-545-002	2	4.41	0.71	1.26	7-545-902
7-545-003	3	5.43	0.95	1.61	7-545-903
7-545-004	4	6.89	1.24	2.17	7-545-904
7-545-005	5	8.54	1.76	2.95	7-545-905
7-545-006	6	11.42	2.51	3.94	7-545-906

Solid centers with full point and spanner flats

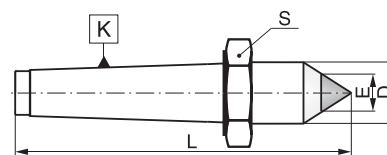
8720



Code No.	K MT	L [in]	D [in]	S [in]
7-542-000	0	3.07	0.36	0.28
7-542-001	1	3.54	0.48	0.39
7-542-002	2	4.41	0.71	0.51
7-542-003	3	5.43	0.95	0.75
7-542-004	4	6.89	1.24	0.94
7-542-005	5	8.54	1.76	1.42
7-542-006	6	11.42	2.51	2.17

Carbide-tipped solid centers with full point and draw off nut

8726



Code No.	K MT	L [in]	D [in]	E [in]	S [in]	
7-546-000	0	3.07	0.36	0.20	0.75	7-545-900
7-546-001	1	3.54	0.48	0.28	0.94	7-545-901
7-546-002	2	4.41	0.71	0.28	1.26	7-545-902
7-546-003	3	5.43	0.95	0.43	1.61	7-545-903
7-546-004	4	6.89	1.24	0.55	2.17	7-545-904
7-546-005	5	8.54	1.76	0.71	2.95	7-545-905
7-546-006	6	11.42	2.51	0.71	3.94	7-545-906



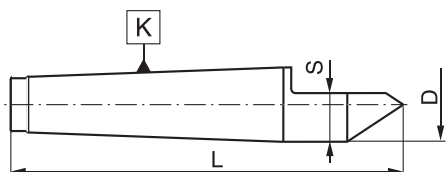
SOLID CENTERS

- CASE HARDENED TO 61-63 HRC
- PRODUCED FROM BALL BEARING STEEL



8730

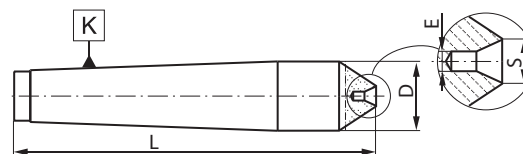
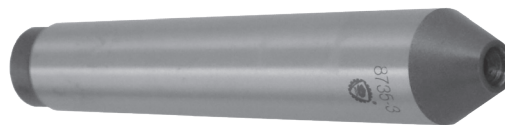
■ Solid centers with half point



Code No.	K MT	L [in]	D [in]	S [in]
7-540-000	0	2.76	0.36	0.22
7-540-001	1	3.15	0.48	0.30
7-540-002	2	3.94	0.71	0.43
7-540-003	3	4.92	0.95	0.59
7-540-004	4	6.30	1.24	0.82
7-540-005	5	7.87	1.76	1.15
7-540-006	6	10.63	2.51	1.68

8735

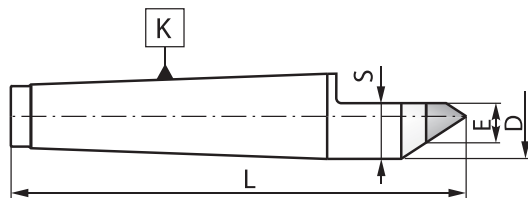
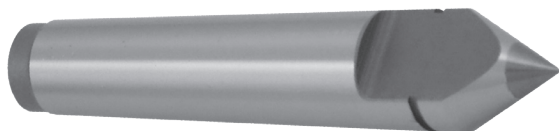
■ Solid centers with center bore



Code No.	K MT	L [in]	D [in]	E [in]	S [in]
7-547-000	0	2.60	0.36	0.04	0.08
7-547-001	1	2.91	0.48	0.06	0.13
7-547-002	2	3.70	0.71	0.10	0.21
7-547-003	3	4.53	0.95	0.16	0.33
7-547-004	4	5.75	1.24	0.25	0.52

8731

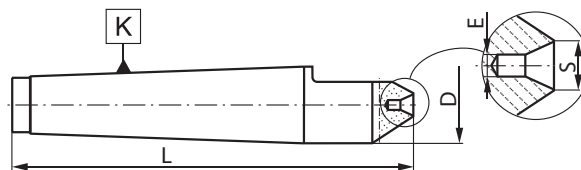
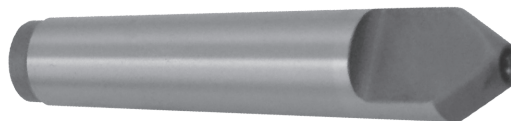
■ Carbide-tipped solid centers with half point



Code No.	K MT	L [in]	D [in]	E [in]	S [in]
7-541-000	0	2.76	0.36	0.20	0.31
7-541-001	1	3.15	0.48	0.28	0.41
7-541-002	2	3.94	0.71	0.28	0.51
7-541-003	3	4.92	0.95	0.43	0.72
7-541-004	4	6.30	1.24	0.55	0.93
7-541-005	5	7.87	1.76	0.71	1.26
7-541-006	6	10.63	2.51	0.71	1.64

8740

■ Solid centers with half point and center bore



Code No.	K MT	L [in]	D [in]	E [in]	S [in]
7-548-000	0	2.60	0.36	0.04	0.09
7-548-001	1	2.91	0.48	0.06	0.13
7-548-002	2	3.70	0.71	0.10	0.21
7-548-003	3	4.53	0.95	0.16	0.33



Please contact us for catalogs on BISON's other product categories

1

MANUAL CHUCKS

- Self Centering Scroll Chucks
- Collet Chucks
- Combination Chucks
- Oil-Country Chucks with Large Thru-Hole
- Independent Chucks
- Body with Morse Taper
- Lathe Chucks for Sharpening Drills
- Self Centering Wedge Bar Chucks

2

POWER & PNEUMATIC CHUCKS

- Hydraulic Power Chucks
- Pneumatic Chucks
- Hydraulic Collet Chucks
- Hydraulic Cylinders
- Pneumatic Cylinders

3

STATIONARY WORKHOLDING

- Precision Vises
- Machine Vises
- Bench Vises
- Toolmaker & Inspection Vises
- Rotary Tables & Indexing Fixtures
- Tailstocks
- Box Jaws
- Bases for Self-Centering Fixtures

4

LIVE & DEAD CENTERS

- Precision Live Centers
- High Speed Live Centers
- Hollow Tipped Live Centers
- Heavy Duty Live Centers
- Bull Nose Live Centers
- Live Center Sets With Tips
- Carbide Tipped Dead Centers
- Half-Point Dead Centers

5

TOOLHOLDERS

- CAT, HSK, BT, NMTB Holders
- Capto Holders
- Arbors
- ER, 5C, R8, 173E Collets
- Reduction Sleeves
- Keyless Drill Chucks
- Quick Change Toolposts
- Square Toolholders
- Cylindrical or Morse Taper Shank



BISON USA Corp.

5325 Muhlhauser Road
West Chester, OH 45011
E-mail: info@bison-america.com
Tel.: +1 513 713 0513
Fax: +1 513 823 3167
www.bison-america.com



BISON S.A. (Headquarters)

ul. Myśliwska 13
15-569 Białystok
E-mail: info@bison-chuck.com
Tel.: +48 85 732 33 79
Fax: +48 85 732 61 24
www.bison-chuck.com



BISON (UK) Limited

2 Westminster House, Culley Court
Orton Southgate, Peterborough,
PE2 6WA
E-mail: sales@bison-chuck.co.uk
Tel.: +44 (0) 1733 230 567
Fax: +44 (0) 1733 394 675
www.bison-bial.co.uk



BISON Spanntechnik GmbH

Wiesenstraße 51/ Halle 38
40549 Düsseldorf
E-mail: sales@bison-chuck.de
Tel.: +49 (0) 211 942592 00
Fax: +49 (0) 211 942592 60
www.bison-bial.de



BISON Italia S.r.l.

Via delle Arti 10/ Loc. Poggio Piccolo
40023 Castel Guelfo (BO)
E-mail: info@bison-chuck.it
Tel.: +39 (0) 542 1890 365/6
Fax: +39 (0) 542 0675 23
www.bison-bial.it