



Guide Elements
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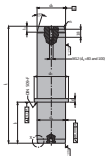
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Hardened Steel
HRC: 57-62

G58 CODE G201-01

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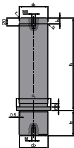
Order Examples

gnt-G201-01-001

Order Code: G201-01-001-001



Material:
Hardened Steel
HRC: 50 - 55



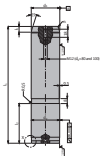
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Order Example:

d₁=10/d₂=10 and L₁=100

Order Code:G201-02-00000000



Material:
Hardened Steel
HRC: 62 +0/-1

CSB CODE:G202-01

a	b	c					d					e	f
h	h												
25	25	240	240	180	-	-	-	-	-	-	-	40	4
32	32	240	240	180	200	-	-	-	-	-	-	45	5
40	40	-	240	180	200	224	250	-	-	-	-	54	5
50	50	-	240	180	200	224	250	280	125	-	-	70	2,5
63	63	-	-	-	200	224	250	280	125	300	400	80	2,5
80	80	-	-	-	-	250	280	320	125	300	400	100	5
100	100	-	-	-	-	-	-	320	300	400	500	125	5

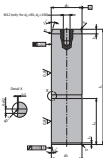
Order Example:

gnt-G202 and h=125

Order Code:G202-01-080-025



Material:
Hardened Steel
HRC: 60-64



G58 CODE:G202-02

d ₁	d ₂	L ₁				L ₂	L ₃	L ₄	L ₅	L ₆	L ₇
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
21	21	121	120	160	160	200	200	240	240	280	280
32	32	—	140	160	160	200	200	240	240	280	280
40	40	—	140	160	160	200	200	240	240	280	280
50	50	—	—	160	160	200	200	240	240	280	280
63	63	—	—	—	180	200	200	240	240	280	280
80	80	—	—	—	—	200	200	240	240	280	280
100	100	—	—	—	—	—	220	240	240	280	280

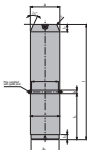
Order Example

gnt-G202-02-121

Order Code:G202-02-080-121



Material:
Hardened Steel
HRC: 62-64



CSB CODE:G202-05

d	d_1	L_1										L_2	L_3	L_4	c	b	r	
60	60																	
75	75	100	120	140	160	180	200	224	-	-	-	-	-	10	8	8	22.5	2.5
92	92	-	120	140	160	180	200	224	250	-	-	-	-	10	10	12	27.8	2.5
110	110	-	-	-	-	180	200	224	250	280	310	-	-	-	10	12	32.8	2.5
130	130	-	-	-	-	-	200	224	250	280	310	330	400	-	10	14	40.8	2.5
160	160	-	-	-	-	-	-	250	280	310	330	400	450	500	100	16	56.8	2.5
200	200	-	-	-	-	-	-	-	310	330	400	450	500	550	125	20	71.8	2.5
250	250	-	-	-	-	-	-	-	-	330	400	450	500	550	140	24	96.8	2.5

Order Example:

4x 60 and 1x 100

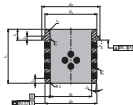
Order Code:G202-05-60-100



Material:

Brass with PTFE-impregnation
HB 120

Direction of Motion



11 - Collar
DIN 1024-P



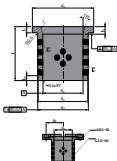
GSE CODE:G211-02

Code	d ₁	d ₂	d ₃	d ₄	d ₅	d ₆	d ₇	d ₈	d ₉	d ₁₀	d ₁₁
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G211-02-025-025	25	25	32	40	58	40	6,3	5	25	5	5
G211-02-032-032	32	32	40	50	68	50	6,3	5	32	5	5
G211-02-050-050	40	50	50	60	78	60	6,3	5	50	5	5
G211-02-063-063	50	63	63	70	88	70	6,3	6,3	57	5	5
G211-02-080-080	63	80	80	90	110	90	10	8	78	8	8
G211-02-090-090	80	100	100	110	140	100	10	10	90	10	10
G211-02-100-100	100	120	120	140	160	120	12,5	10	100	10	10
G211-02-125-125	125	150	150	160	200	150	16	16	125	12	12
G211-02-160-160	160	200	200	220	250	200	20	20	160	16	16

Order Example:

gnt-ROund GB-000

Order Code:G211-02-080-100



Material :
Bronze with Non-Liquid Lubricant
HB > 150

Direction of Motion



GSE CODE:G211-06

Code	d1	d2	d3	d4	d5	l	h1	h2	h3	h4	h5
	mm	mm	mm	mm	mm	mm (mm)	mm	mm	mm	mm	mm
G211-06-000-001	20	28	28	32	36	32	4	1	—	—	2
G211-06-020-000	25	35	35	40	45	40	5	1	—	—	3
G211-06-030-000	32	45	45	50	55	50	6	1	—	—	3
G211-06-040-001	40	52	52	60	68	60	8	2	—	—	3
G211-06-050-000	50	63	63	75	85	80	10	3	1	1	3
G211-06-060-000	63	80	80	90	105	100	12	5	2	2	3
G211-06-080-001	80	100	100	110	130	125	16	8	5	5	4
G211-06-100-000	100	125	125	140	165	160	20	10	8	8	4

Order Example

d5=60 and h5=10

Order Code:G211-06-080-001



Material:

Brass with PTFE-impregnation
MS 1x180

Direction of Motion



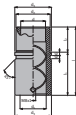
C58 CODE:G212-01

d	d ₁	L																L ₁	
h7	m6	8	10	12	15	--	--	--	--	--	--	--	--	--	--	--	--	--	2
10	14	--	10	12	15	--	20	--	--	--	--	--	--	--	--	--	--	--	2
12	16	--	12	--	--	20	25	30	--	--	--	--	--	--	--	--	--	--	2
16	22	--	--	12	--	20	25	30	35	40	--	--	--	--	--	--	--	--	2
18	24	--	--	--	--	20	25	30	35	40	--	--	--	--	--	--	--	--	2
20	28	--	--	--	--	20	25	30	35	40	--	--	--	--	--	--	--	--	2
22	30	--	--	--	--	20	25	30	35	40	--	--	--	--	--	--	--	--	2
25	33	--	--	--	--	20	25	30	35	40	50	--	--	--	--	--	--	--	2
25	35	--	--	--	--	20	25	30	35	40	50	--	--	--	--	--	--	--	2
30	38	--	--	--	--	--	25	30	35	40	50	60	--	--	--	--	--	--	2
30	40	--	--	--	--	20	--	30	35	40	50	60	--	--	--	--	--	--	2
35	44	--	--	--	--	--	--	--	--	40	50	--	--	--	--	--	--	--	2
35	45	--	--	--	--	--	--	30	--	40	50	60	--	--	--	--	--	--	2
40	50	--	--	--	--	--	25	30	35	40	50	60	--	--	--	--	--	--	2
40	55	--	--	--	--	--	--	--	--	--	50	60	--	--	--	--	--	--	2
50	60	--	--	--	--	--	--	--	--	--	50	60	70	--	--	--	--	--	2
50	65	--	--	--	--	--	--	--	--	--	--	60	70	--	--	--	--	--	2
60	70	--	--	--	--	--	--	--	--	--	60	--	70	--	--	--	--	--	2
60	75	--	--	--	--	--	--	--	--	--	60	80	--	80	--	--	--	--	2
70	80	--	--	--	--	--	--	--	--	--	--	80	70	80	100	--	--	--	2
80	90	--	--	--	--	--	--	--	--	--	--	80	--	--	100	--	--	--	2
80	100	--	--	--	--	--	--	--	--	--	--	80	--	--	100	120	--	--	2
100	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--	2
100	120	--	--	--	--	--	--	--	--	--	--	--	--	--	80	--	120	--	2
120	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--	2

Order Examples

40x70, 40x50 and 50x60

Order Code:G212-01-01/00/000



Material:
S235CR1
HRC: 18-19

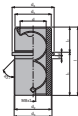
GSE CODE:G213-01

Code	d	d1	d2	d3	L	L1	L2
G213-01-020-075	20	20	28	38	75	47	28
G213-01-025-080	25	25	34	44	80	52	33
G213-01-030-090	30	30	38	48	90	58	37
G213-01-040-100	40	40	52	64	100	63	47
G213-01-050-120	50	50	62	74	120	73	57

Order Example:

d1=20 and L=75

Order Code:G213-01-020-075



Material:
304St/1
SNC 18-102

GSM CODE:G213-03

Code	d	d1	d2	d3	d4	l	h	h1
G213-03-000-000	16	17	17	18	40	41	20	21
G213-03-000-001	16	17	17	18	40	41	16	17
G213-03-000-002	20	21	21	22	40	41	20	21
G213-03-000-003	20	21	21	22	40	41	16	17
G213-03-000-004	24	25	25	26	40	41	24	25
G213-03-000-005	24	25	25	26	40	41	16	17
G213-03-000-006	28	29	29	30	40	41	28	29
G213-03-000-007	28	29	29	30	40	41	16	17
G213-03-000-008	32	33	33	34	40	41	32	33
G213-03-000-009	32	33	33	34	40	41	16	17
G213-03-000-010	36	37	37	38	40	41	36	37
G213-03-000-011	36	37	37	38	40	41	16	17
G213-03-000-012	40	41	41	42	40	41	40	41
G213-03-000-013	40	41	41	42	40	41	16	17
G213-03-000-014	44	45	45	46	40	41	44	45
G213-03-000-015	44	45	45	46	40	41	16	17
G213-03-000-016	48	49	49	50	40	41	48	49
G213-03-000-017	48	49	49	50	40	41	16	17
G213-03-000-018	52	53	53	54	40	41	52	53
G213-03-000-019	52	53	53	54	40	41	16	17
G213-03-000-020	56	57	57	58	40	41	56	57
G213-03-000-021	56	57	57	58	40	41	16	17
G213-03-000-022	60	61	61	62	40	41	60	61
G213-03-000-023	60	61	61	62	40	41	16	17
G213-03-000-024	64	65	65	66	40	41	64	65
G213-03-000-025	64	65	65	66	40	41	16	17
G213-03-000-026	68	69	69	70	40	41	68	69
G213-03-000-027	68	69	69	70	40	41	16	17
G213-03-000-028	72	73	73	74	40	41	72	73
G213-03-000-029	72	73	73	74	40	41	16	17
G213-03-000-030	76	77	77	78	40	41	76	77
G213-03-000-031	76	77	77	78	40	41	16	17
G213-03-000-032	80	81	81	82	40	41	80	81
G213-03-000-033	80	81	81	82	40	41	16	17
G213-03-000-034	84	85	85	86	40	41	84	85
G213-03-000-035	84	85	85	86	40	41	16	17
G213-03-000-036	88	89	89	90	40	41	88	89
G213-03-000-037	88	89	89	90	40	41	16	17
G213-03-000-038	92	93	93	94	40	41	92	93
G213-03-000-039	92	93	93	94	40	41	16	17
G213-03-000-040	96	97	97	98	40	41	96	97
G213-03-000-041	96	97	97	98	40	41	16	17
G213-03-000-042	100	101	101	102	40	41	100	101
G213-03-000-043	100	101	101	102	40	41	16	17

Order Example:

4x 30x40x71

Order Code:G213-03-000-071



Material:
304M20
HRC: 58-62



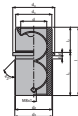
GSE CODE:G213-04

Code	d	d ₁	d ₂	d ₃	l	l ₁	l ₂
G213-04-020-020	20	32	32	40	35	12	23
G213-04-030-030	30	40	40	50	35	12	23
G213-04-040-040	40	50	50	60	35	12	23
G213-04-050-050	50	60	60	70	35	12	23
G213-04-060-060	60	68	68	78	40	12	30
G213-04-070-070	70	78	78	88	40	12	30
G213-04-080-080	80	88	88	98	42	15	32
G213-04-090-090	90	98	98	108	42	15	32
G213-04-100-100	100	108	108	118	45	18	32
G213-04-120-120	120	128	128	138	50	18	32
G213-04-140-140	140	148	148	158	55	20	35
G213-04-160-160	160	168	168	178	60	20	35
G213-04-180-180	180	188	188	198	65	20	35

Order Example

4x G213-04-100

Order Code:G213-04-020-020



Material :
304SS/CN
HRC : 58 -62
Bronze HB : 150

GSE CODE:G217-01

Code	d1	d2	d3	d4	d5	l	h	h1
G217-01-001-001	25	32	32	36	40	40	35	35
G217-01-002-001	28	32	32	36	40	40	35	35
G217-01-003-001	30	32	32	36	40	40	35	35
G217-01-004-001	30	32	32	36	40	40	35	35
G217-01-005-001	34	40	40	46	48	48	38	38
G217-01-006-001	34	40	40	46	48	48	38	38
G217-01-007-001	34	40	40	46	48	48	38	38
G217-01-008-001	34	40	40	46	48	48	38	38
G217-01-009-001	34	40	40	46	48	48	38	38
G217-01-010-001	34	40	40	46	48	48	38	38
G217-01-011-001	34	40	40	46	48	48	38	38
G217-01-012-001	34	40	40	46	48	48	38	38
G217-01-013-001	34	40	40	46	48	48	38	38
G217-01-014-001	34	40	40	46	48	48	38	38
G217-01-015-001	34	40	40	46	48	48	38	38
G217-01-016-001	34	40	40	46	48	48	38	38
G217-01-017-001	34	40	40	46	48	48	38	38
G217-01-018-001	34	40	40	46	48	48	38	38
G217-01-019-001	34	40	40	46	48	48	38	38
G217-01-020-001	34	40	40	46	48	48	38	38
G217-01-021-001	34	40	40	46	48	48	38	38
G217-01-022-001	34	40	40	46	48	48	38	38
G217-01-023-001	34	40	40	46	48	48	38	38
G217-01-024-001	34	40	40	46	48	48	38	38
G217-01-025-001	34	40	40	46	48	48	38	38
G217-01-026-001	34	40	40	46	48	48	38	38
G217-01-027-001	34	40	40	46	48	48	38	38
G217-01-028-001	34	40	40	46	48	48	38	38
G217-01-029-001	34	40	40	46	48	48	38	38
G217-01-030-001	34	40	40	46	48	48	38	38
G217-01-031-001	34	40	40	46	48	48	38	38
G217-01-032-001	34	40	40	46	48	48	38	38
G217-01-033-001	34	40	40	46	48	48	38	38
G217-01-034-001	34	40	40	46	48	48	38	38
G217-01-035-001	34	40	40	46	48	48	38	38
G217-01-036-001	34	40	40	46	48	48	38	38
G217-01-037-001	34	40	40	46	48	48	38	38
G217-01-038-001	34	40	40	46	48	48	38	38
G217-01-039-001	34	40	40	46	48	48	38	38
G217-01-040-001	34	40	40	46	48	48	38	38
G217-01-041-001	34	40	40	46	48	48	38	38
G217-01-042-001	34	40	40	46	48	48	38	38
G217-01-043-001	34	40	40	46	48	48	38	38
G217-01-044-001	34	40	40	46	48	48	38	38
G217-01-045-001	34	40	40	46	48	48	38	38
G217-01-046-001	34	40	40	46	48	48	38	38
G217-01-047-001	34	40	40	46	48	48	38	38
G217-01-048-001	34	40	40	46	48	48	38	38
G217-01-049-001	34	40	40	46	48	48	38	38
G217-01-050-001	34	40	40	46	48	48	38	38
G217-01-051-001	34	40	40	46	48	48	38	38
G217-01-052-001	34	40	40	46	48	48	38	38
G217-01-053-001	34	40	40	46	48	48	38	38
G217-01-054-001	34	40	40	46	48	48	38	38
G217-01-055-001	34	40	40	46	48	48	38	38
G217-01-056-001	34	40	40	46	48	48	38	38
G217-01-057-001	34	40	40	46	48	48	38	38
G217-01-058-001	34	40	40	46	48	48	38	38
G217-01-059-001	34	40	40	46	48	48	38	38
G217-01-060-001	34	40	40	46	48	48	38	38
G217-01-061-001	34	40	40	46	48	48	38	38
G217-01-062-001	34	40	40	46	48	48	38	38
G217-01-063-001	34	40	40	46	48	48	38	38
G217-01-064-001	34	40	40	46	48	48	38	38
G217-01-065-001	34	40	40	46	48	48	38	38
G217-01-066-001	34	40	40	46	48	48	38	38
G217-01-067-001	34	40	40	46	48	48	38	38
G217-01-068-001	34	40	40	46	48	48	38	38
G217-01-069-001	34	40	40	46	48	48	38	38
G217-01-070-001	34	40	40	46	48	48	38	38
G217-01-071-001	34	40	40	46	48	48	38	38
G217-01-072-001	34	40	40	46	48	48	38	38
G217-01-073-001	34	40	40	46	48	48	38	38
G217-01-074-001	34	40	40	46	48	48	38	38
G217-01-075-001	34	40	40	46	48	48	38	38
G217-01-076-001	34	40	40	46	48	48	38	38
G217-01-077-001	34	40	40	46	48	48	38	38
G217-01-078-001	34	40	40	46	48	48	38	38
G217-01-079-001	34	40	40	46	48	48	38	38
G217-01-080-001	34	40	40	46	48	48	38	38
G217-01-081-001	34	40	40	46	48	48	38	38
G217-01-082-001	34	40	40	46	48	48	38	38
G217-01-083-001	34	40	40	46	48	48	38	38
G217-01-084-001	34	40	40	46	48	48	38	38
G217-01-085-001	34	40	40	46	48	48	38	38
G217-01-086-001	34	40	40	46	48	48	38	38
G217-01-087-001	34	40	40	46	48	48	38	38
G217-01-088-001	34	40	40	46	48	48	38	38
G217-01-089-001	34	40	40	46	48	48	38	38
G217-01-090-001	34	40	40	46	48	48	38	38
G217-01-091-001	34	40	40	46	48	48	38	38
G217-01-092-001	34	40	40	46	48	48	38	38
G217-01-093-001	34	40	40	46	48	48	38	38
G217-01-094-001	34	40	40	46	48	48	38	38
G217-01-095-001	34	40	40	46	48	48	38	38
G217-01-096-001	34	40	40	46	48	48	38	38
G217-01-097-001	34	40	40	46	48	48	38	38
G217-01-098-001	34	40	40	46	48	48	38	38
G217-01-099-001	34	40	40	46	48	48	38	38
G217-01-100-001	34	40	40	46	48	48	38	38

Order Example

40-21 and 40-71

Order Code:G217-01-001-001



Material:
2086C10
HRC: 58-62
Bronze HB: < 100



GSB CODE:G217-02

Code	d	d ₁	d ₂	d ₃	l	l ₁	l ₂
G217-02-020-020	20	32	32	40	33	12	20
G217-02-030-030	30	42	42	50	33	12	20
G217-02-040-040	40	52	52	60	33	12	20
G217-02-050-050	50	62	62	70	33	12	20
G217-02-060-060	60	72	72	80	42	12	30
G217-02-080-080	80	92	92	100	42	12	30
G217-02-090-090	90	102	102	110	52	12	32
G217-02-100-100	100	112	112	120	52	12	32
G217-02-120-120	120	142	142	150	62	18	42
G217-02-150-150	150	172	172	180	72	20	50
G217-02-180-180	180	202	202	210	82	20	60

Order Example:

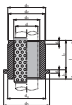
ab-20.020.020

Order Code:G217-02-020-020

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Material:
DIN50Cr1
HRC: 58-62



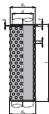
GSE CODE:G215-02

Code	d	d ₁	d ₂	d ₃	d ₄	d ₅	l	l ₁	l ₂
G215-02-020-020	20	25	32	32	32	40	25	12	23
G215-02-030-030	30	35	42	42	42	50	35	12	23
G215-02-040-040	40	45	52	52	52	60	45	12	23
G215-02-050-050	50	55	62	62	62	70	55	12	23
G215-02-060-060	60	65	72	72	72	80	65	12	23
G215-02-080-080	80	85	92	92	92	100	85	12	23
G215-02-100-100	100	105	112	112	112	120	105	12	23
G215-02-120-120	120	125	132	132	132	140	125	12	23
G215-02-150-150	150	155	162	162	162	170	155	12	23
G215-02-200-200	200	205	212	212	212	220	205	12	23
G215-02-250-250	250	255	262	262	262	270	255	12	23
G215-02-300-300	300	305	312	312	312	320	305	12	23
G215-02-350-350	350	355	362	362	362	370	355	12	23
G215-02-400-400	400	405	412	412	412	420	405	12	23
G215-02-450-450	450	455	462	462	462	470	455	12	23
G215-02-500-500	500	505	512	512	512	520	505	12	23
G215-02-550-550	550	555	562	562	562	570	555	12	23
G215-02-600-600	600	605	612	612	612	620	605	12	23
G215-02-650-650	650	655	662	662	662	670	655	12	23
G215-02-700-700	700	705	712	712	712	720	705	12	23
G215-02-750-750	750	755	762	762	762	770	755	12	23
G215-02-800-800	800	805	812	812	812	820	805	12	23
G215-02-850-850	850	855	862	862	862	870	855	12	23
G215-02-900-900	900	905	912	912	912	920	905	12	23
G215-02-950-950	950	955	962	962	962	970	955	12	23
G215-02-1000-1000	1000	1005	1012	1012	1012	1020	1005	12	23

Order Example

40-02 and 40-01

Date Code:G215-02-020-020



Malware	
Malware	Malware
Malware	Malware

CS-00005318-00

θ	α_1	α_2	β	β										β	δ										
10	20	20	2.0	90	100	100	90	-	-	-	-	-	-	0	1.0										
20	20	20	2.0	90	100	100	90	-	-	-	-	-	-	0	1.0										
30	20	20	0.2	90	100	100	90	100	100	100	-	-	-	0	1.0										
30	20	20	0.2	90	100	100	90	100	100	100	-	-	-	0	1.0										
40	20	20	0.001	90	100	100	90	100	100	100	-	-	-	0	1.00										
50	20	20	0.001	90	100	100	90	100	100	100	-	-	-	0	1.00										
60	20	20	0.001	90	100	100	90	100	100	100	-	-	-	0	1.00										
70	20	20	0.001	-	100	100	90	100	100	100	100	-	-	-	0	1.00									
80	20	20	0.001	-	100	100	90	100	100	100	100	-	-	-	0	1.00									
90	20	20	0.001	-	-	100	90	100	100	100	100	100	-	-	-	0	1.00								
100	20	20	0.001	-	-	-	100	90	100	100	100	100	-	-	-	0	1.00								
110	20	20	0.001	-	-	-	-	100	100	100	100	100	100	-	-	-	0	1.00							
120	20	20	0.001	-	-	-	-	-	100	100	100	100	100	100	-	-	-	0	1.00						
130	20	20	0.001	-	-	-	-	-	-	100	100	100	100	100	100	-	-	-	0	1.00					
140	20	20	0.001	-	-	-	-	-	-	-	100	100	100	100	100	100	-	-	-	0	1.00				
150	20	20	0.001	-	-	-	-	-	-	-	-	100	100	100	100	100	100	-	-	-	0	1.00			
160	20	20	0.001	-	-	-	-	-	-	-	-	-	100	100	100	100	100	100	100	-	-	0	1.00		
170	20	20	0.001	-	-	-	-	-	-	-	-	-	-	100	100	100	100	100	100	100	-	-	0	1.00	
180	20	20	0.001	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	100	100	100	-	-	0	1.00

1998

Age Group	Percentage of Respondents
18-29	~15%
30-49	~15%
50-69	~15%
70+	~15%

1000



Material:
CO-60



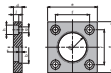
CSB CODE: A101-01

Code

A101-01-001-001



Material:
CO-60



CSB CODE: A101-03

Code

	a	b	d	e	f	g	h	j	k
A101-03-001	25	25	25	25	25	7	25	7	2.2
A101-03-002	52	52	52	52	52	7	52	7	6.2
A101-03-003	62	62	62	62	62	7	62	7	6.2
A101-03-004	100	100	100	100	100	9	100	9	6.2
A101-03-005	100	100	100	100	100	11	100	11	6.2
A101-03-006	100	100	100	100	100	14	100	14	6.2
A101-03-007	100	100	100	100	100	14	100	14	6.2

Course
8.001 - CS-359-358



Material:
Al 6061

CSE CODE-A101-10

Code
A101-10-001-001



Material:
CNC

CSE CODE-A102-01

Code	d1	d2	Guide Post Size
A102-01-001	22.5	22.5	22.5
A102-01-002	28	28	28
A102-01-003	36	36	36
A102-01-004	46	46	46
A102-01-005	57	57	57
A102-01-006	76	76	76
A102-01-007	96	96	96

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Form -A



Form -B



Form -C



Form -D



Material:
Bronze self-lubricating
HB >130

Direction of Motion



CAGE CODE-P605-01

Code	Form	a	b	d	f	h
P605-01-008-000	A	38	-	8.3	70	30
P605-01-008-075	A	38	-	8.3	75	-15
P605-01-008-100	A	38	-	8.3	100	70
P605-01-008-150	B	38	-	8.3	150	80
P605-01-008-000	A	38	-	9	70	30
P605-01-008-075	A	38	-	9	75	-15
P605-01-008-100	A	38	-	9	100	70
P605-01-008-150	B	38	-	9	150	80
P605-01-008-000	A	38	-	9	70	30
P605-01-008-075	A	38	-	9	75	-15
P605-01-008-100	A	38	-	9	100	70
P605-01-008-150	B	38	-	9	150	80
P605-01-008-075	A	48	-	9	75	-15
P605-01-008-100	A	48	-	9	100	70
P605-01-008-150	B	48	-	9	150	80
P605-01-075-075	C	75	-15	9	75	-15
P605-01-075-100	C	75	-15	9	100	70
P605-01-075-150	C	75	-15	9	150	80
P605-01-075-100	D	75	-15	9	100	80
P605-01-080-100	C	100	70	9	100	70
P605-01-080-150	C	100	70	9	150	80
P605-01-080-100	D	100	70	9	100	80



1. **Abstract**
 2. **Introduction**
 3. **Methods**
 4. **Results**
 5. **Discussion**
 6. **Conclusion**
 7. **References**

[illegible][illegible]



Material:

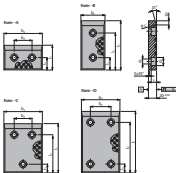
Bronze self-lubricating
H18 x 180

Direction of Motion



CSM CODE:G232-01

Code	b	a	a ₁	b ₁	b ₂
G232-01-080-080	80	25	5	80	15
G232-01-080-100	80	25	5	80	15
G232-01-080-125	80	25	5	125	100
G232-01-080-150	80	25	5	150	125
G232-01-080-200	80	25	5	200	175
G232-01-080-250	80	25	5	250	225
G232-01-080-300	80	25	5	300	275
G232-01-080-350	80	25	5	350	325
G232-01-080-400	80	25	5	400	375
G232-01-080-450	80	25	5	450	425
G232-01-080-500	80	25	5	500	475
G232-01-080-550	80	25	5	550	525
G232-01-080-600	80	25	5	600	575
G232-01-080-650	80	25	5	650	625
G232-01-080-700	80	25	5	700	675
G232-01-080-750	80	25	5	750	725
G232-01-080-800	80	25	5	800	775
G232-01-080-850	80	25	5	850	825
G232-01-080-900	80	25	5	900	875
G232-01-080-950	80	25	5	950	925
G232-01-080-1000	80	25	5	1000	975
G232-01-080-1050	80	25	5	1050	1025
G232-01-080-1100	80	25	5	1100	1075
G232-01-080-1150	80	25	5	1150	1125
G232-01-080-1200	80	25	5	1200	1175
G232-01-080-1250	80	25	5	1250	1225
G232-01-080-1300	80	25	5	1300	1275
G232-01-080-1350	80	25	5	1350	1325
G232-01-080-1400	80	25	5	1400	1375
G232-01-080-1450	80	25	5	1450	1425
G232-01-080-1500	80	25	5	1500	1475
G232-01-080-1550	80	25	5	1550	1525
G232-01-080-1600	80	25	5	1600	1575
G232-01-080-1650	80	25	5	1650	1625
G232-01-080-1700	80	25	5	1700	1675
G232-01-080-1750	80	25	5	1750	1725
G232-01-080-1800	80	25	5	1800	1775
G232-01-080-1850	80	25	5	1850	1825
G232-01-080-1900	80	25	5	1900	1875
G232-01-080-1950	80	25	5	1950	1925
G232-01-080-2000	80	25	5	2000	1975
G232-01-080-2050	80	25	5	2050	2025
G232-01-080-2100	80	25	5	2100	2075
G232-01-080-2150	80	25	5	2150	2125
G232-01-080-2200	80	25	5	2200	2175
G232-01-080-2250	80	25	5	2250	2225
G232-01-080-2300	80	25	5	2300	2275
G232-01-080-2350	80	25	5	2350	2325
G232-01-080-2400	80	25	5	2400	2375
G232-01-080-2450	80	25	5	2450	2425
G232-01-080-2500	80	25	5	2500	2475
G232-01-080-2550	80	25	5	2550	2525
G232-01-080-2600	80	25	5	2600	2575
G232-01-080-2650	80	25	5	2650	2625
G232-01-080-2700	80	25	5	2700	2675
G232-01-080-2750	80	25	5	2750	2725
G232-01-080-2800	80	25	5	2800	2775
G232-01-080-2850	80	25	5	2850	2825
G232-01-080-2900	80	25	5	2900	2875
G232-01-080-2950	80	25	5	2950	2925
G232-01-080-3000	80	25	5	3000	2975
G232-01-080-3050	80	25	5	3050	3025
G232-01-080-3100	80	25	5	3100	3075
G232-01-080-3150	80	25	5	3150	3125
G232-01-080-3200	80	25	5	3200	3175
G232-01-080-3250	80	25	5	3250	3225
G232-01-080-3300	80	25	5	3300	3275
G232-01-080-3350	80	25	5	3350	3325
G232-01-080-3400	80	25	5	3400	3375
G232-01-080-3450	80	25	5	3450	3425
G232-01-080-3500	80	25	5	3500	3475
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G232-01-080-3700	80	25	5	3700	3675
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G232-01-080-3800	80	25	5	3800	3775
G232-01-080-3850	80	25	5	3850	3825
G232-01-080-3900	80	25	5	3900	3875
G232-01-080-3950	80	25	5	3950	3925
G232-01-080-4000	80	25	5	4000	3975
G232-01-080-4050	80	25	5	4050	4025
G232-01-080-4100	80	25	5	4100	4075
G232-01-080-4150	80	25	5	4150	4125
G232-01-080-4200	80	25	5	4200	4175
G232-01-080-4250	80	25	5	4250	4225
G232-01-080-4300	80	25	5	4300	4275
G232-01-080-4350	80	25	5	4350	4325
G232-01-080-4400	80	25	5	4400	4375
G232-01-080-4450	80	25	5	4450	4425
G232-01-080-4500	80	25	5	4500	4475
G232-01-080-4550	80	25	5	4550	4525
G232-01-080-4600	80	25	5	4600	4575
G232-01-080-4650	80	25	5	4650	4625
G232-01-080-4700	80	25	5	4700	4675
G232-01-080-4750	80	25	5	4750	4725
G232-01-080-4800	80	25	5	4800	4775
G232-01-080-4850	80	25	5	4850	4825
G232-01-080-4900	80	25	5	4900	4875
G232-01-080-4950	80	25	5	4950	4925
G232-01-080-5000	80	25	5	5000	4975



Material:
Bronze self-lubricating
HB -280

Direction of Motion



G224 CODE:G224-01

Code	Form	B ₁	B ₂	d ₁	d ₂	L ₁	L ₂	L ₃	I
G224-01-200-200	B	50	-	25	5	80	15	25	9
G224-01-200-100	B	50	-	20	15,5	500	75	25	11
G224-01-200-125	B	50	-	20	15,5	125	500	25	11
G224-01-200-150	B	50	-	20	15,5	500	155	25	11
G224-01-200-200	B	50	-	20	15,5	200	175	25	11
G224-01-200-250	A	80	80	25	5	10	-	25	9
G224-01-200-200	B	80	-	20	15,5	80	55	25	11
G224-01-200-100	B	80	-	20	15,5	500	75	25	11
G224-01-200-125	B	80	-	20	15,5	125	500	25	11
G224-01-200-150	B	80	-	20	15,5	500	155	25	11
G224-01-200-200	B	80	-	20	15,5	200	175	25	11
G224-01-200-250	B	80	-	20	15,5	250	210	40	11
G224-01-200-100	B	80	-	20	15,5	555	275	40	11
G224-01-200-125	B	80	-	20	15,5	125	500	25	11
G224-01-200-150	B	80	-	20	15,5	500	155	25	11
G224-01-200-200	B	80	-	20	15,5	200	175	25	11
G224-01-200-250	B	80	-	20	15,5	250	210	40	11
G224-01-200-100	B	100	-	20	15,5	100	55	25	11
G224-01-200-125	B	100	-	20	15,5	125	500	25	11
G224-01-200-150	B	100	-	20	15,5	500	155	25	11
G224-01-200-200	B	100	-	20	15,5	200	175	25	11
G224-01-200-250	B	100	-	20	15,5	250	210	40	11
G224-01-200-100	B	100	-	20	15,5	555	275	40	11

Code	Form	B ₁	B ₂	d ₁	d ₂	L ₁	L ₂	L ₃	I
G224-01-125-200	A	125	75	20	15,5	50	-	25	11
G224-01-125-200	A	125	75	20	15,5	80	-	40	11
G224-01-125-200	C	125	75	20	15,5	200	75	25	11
G224-01-125-125	C	125	75	20	15,5	125	500	25	11
G224-01-125-150	C	125	75	20	15,5	150	500	25	11
G224-01-125-200	C	125	75	20	15,5	200	175	25	11
G224-01-125-250	C	125	75	20	15,5	250	210	40	11
G224-01-125-100	C	125	75	20	15,5	100	55	25	11
G224-01-125-125	C	125	75	20	15,5	125	500	25	11
G224-01-125-150	C	125	75	20	15,5	150	500	25	11
G224-01-125-200	C	125	75	20	15,5	200	175	25	11
G224-01-125-250	C	125	75	20	15,5	250	210	40	11
G224-01-125-100	C	125	75	20	15,5	100	55	25	11
G224-01-125-125	C	125	75	20	15,5	125	500	25	11
G224-01-125-150	C	125	75	20	15,5	150	500	25	11
G224-01-125-200	C	125	75	20	15,5	200	175	25	11
G224-01-125-250	C	125	75	20	15,5	250	210	40	11
G224-01-125-100	C	125	75	20	15,5	100	55	25	11
G224-01-125-125	C	125	75	20	15,5	125	500	25	11
G224-01-125-150	C	125	75	20	15,5	150	500	25	11
G224-01-125-200	C	125	75	20	15,5	200	175	25	11
G224-01-125-250	C	125	75	20	15,5	250	210	40	11



Material:
G275-01
HRC 50-55

Form -B



Form -B



Form -C



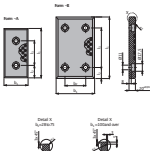
Form -D



GSM CODE:G275-01

Code	Form	L ₁	L ₂	B ₁	B ₂	L	H	L
G275-01-050-050	B	50	-	15	9	80	25	9
G275-01-050-100	B	50	-	30	13,5	100	25	11
G275-01-050-150	B	50	-	30	13,5	150	25	11
G275-01-050-200	B	50	-	30	13,5	200	25	11
G275-01-050-250	B	50	-	30	13,5	250	25	11
G275-01-050-300	B	50	-	30	13,5	300	25	11
G275-01-050-350	B	50	-	30	13,5	350	25	11
G275-01-050-400	B	50	-	30	13,5	400	25	11
G275-01-050-450	B	50	-	30	13,5	450	25	11
G275-01-050-500	B	50	-	30	13,5	500	25	11
G275-01-050-550	B	50	-	30	13,5	550	25	11
G275-01-050-600	B	50	-	30	13,5	600	25	11
G275-01-050-650	B	50	-	30	13,5	650	25	11
G275-01-050-700	B	50	-	30	13,5	700	25	11
G275-01-050-750	B	50	-	30	13,5	750	25	11
G275-01-050-800	B	50	-	30	13,5	800	25	11
G275-01-050-850	B	50	-	30	13,5	850	25	11
G275-01-050-900	B	50	-	30	13,5	900	25	11
G275-01-050-950	B	50	-	30	13,5	950	25	11
G275-01-050-1000	B	50	-	30	13,5	1000	25	11
G275-01-050-1050	B	50	-	30	13,5	1050	25	11
G275-01-050-1100	B	50	-	30	13,5	1100	25	11
G275-01-050-1150	B	50	-	30	13,5	1150	25	11
G275-01-050-1200	B	50	-	30	13,5	1200	25	11
G275-01-050-1250	B	50	-	30	13,5	1250	25	11
G275-01-050-1300	B	50	-	30	13,5	1300	25	11
G275-01-050-1350	B	50	-	30	13,5	1350	25	11
G275-01-050-1400	B	50	-	30	13,5	1400	25	11
G275-01-050-1450	B	50	-	30	13,5	1450	25	11
G275-01-050-1500	B	50	-	30	13,5	1500	25	11
G275-01-050-1550	B	50	-	30	13,5	1550	25	11
G275-01-050-1600	B	50	-	30	13,5	1600	25	11
G275-01-050-1650	B	50	-	30	13,5	1650	25	11
G275-01-050-1700	B	50	-	30	13,5	1700	25	11
G275-01-050-1750	B	50	-	30	13,5	1750	25	11
G275-01-050-1800	B	50	-	30	13,5	1800	25	11
G275-01-050-1850	B	50	-	30	13,5	1850	25	11
G275-01-050-1900	B	50	-	30	13,5	1900	25	11
G275-01-050-1950	B	50	-	30	13,5	1950	25	11
G275-01-050-2000	B	50	-	30	13,5	2000	25	11

Code	Form	L_1	L_2	B_1	B_2	L	H	L
G275-01-120-050	A	120	75	20	13,5	90	-	25
G275-01-120-100	A	120	75	20	13,5	100	-	40
G275-01-120-150	A	120	75	20	13,5	150	25	25
G275-01-120-200	A	120	75	20	13,5	200	25	25
G275-01-120-250	A	120	75	20	13,5	250	25	25
G275-01-120-300	A	120	75	20	13,5	300	25	25
G275-01-120-350	A	120	75	20	13,5	350	25	25
G275-01-120-400	A	120	75	20	13,5	400	25	25
G275-01-120-450	A	120	75	20	13,5	450	25	25
G275-01-120-500	A	120	75	20	13,5	500	25	25
G275-01-120-550	A	120	75	20	13,5	550	25	25
G275-01-120-600	A	120	75	20	13,5	600	25	25
G275-01-120-650	A	120	75	20	13,5	650	25	25
G275-01-120-700	A	120	75	20	13,5	700	25	25
G275-01-120-750	A	120	75	20	13,5	750	25	25
G275-01-120-800	A	120	75	20	13,5	800	25	25
G275-01-120-850	A	120	75	20	13,5	850	25	25
G275-01-120-900	A	120	75	20	13,5	900	25	25
G275-01-120-950	A	120	75	20	13,5	950	25	25
G275-01-120-1000	A	120	75	20	13,5	1000	25	25
G275-01-120-1050	A	120	75	20	13,5	1050	25	25
G275-01-120-1100	A	120	75	20	13,5	1100	25	25
G275-01-120-1150	A	120	75	20	13,5	1150	25	25
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G275-01-120-1250	A	120	75	20	13,5	1250	25	25
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G275-01-120-1550	A	120	75	20	13,5	1550	25	25
G275-01-120-1600	A	120	75	20	13,5	1600	25	25
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G275-01-120-1750	A	120	75	20	13,5	1750	25	25
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G275-01-120-1850	A	120	75	20	13,5	1850	25	25
G275-01-120-1900	A	120	75	20	13,5	1900	25	25
G275-01-120-1950	A	120	75	20	13,5	1950	25	25
G275-01-120-2000	A	120	75	20	13,5	2000	25	25



Material:
Bronze self-lubricating
PB a180



CSE CODEC224-02

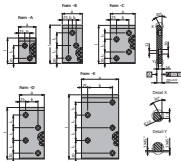
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G224-02-024-100	A	28	-	120	25	60
G224-02-024-071	A	38	-	75	25	45
G224-02-024-082	A	38	-	100	25	50
G224-02-024-100	A	38	-	120	25	60
G224-02-024-082	A	38	-	200	25	100
G224-02-024-071	A	48	-	75	25	45
G224-02-024-082	A	48	-	100	25	50
G224-02-024-100	A	48	-	120	25	60
G224-02-024-071	A	48	-	200	25	100
G224-02-024-071	A	58	-	75	25	45
G224-02-024-082	A	58	-	100	25	50
G224-02-024-100	A	58	-	120	25	60
G224-02-024-082	A	58	-	200	25	100
G224-02-024-071	A	75	-	75	25	45
G224-02-024-082	A	75	-	100	25	50
G224-02-024-100	A	75	-	120	25	60
G224-02-024-082	A	75	-	200	25	100

Code	Form	L1	L2	L3	L4	L5
G224-02-024-100	B	300	30	300	25	50
G224-02-024-125	B	300	30	325	25	75
G224-02-024-150	B	300	30	350	25	100
G224-02-024-200	B	300	30	400	25	150
G224-02-024-250	B	300	30	450	25	200
G224-02-024-300	B	300	30	500	25	250
G224-02-024-125	B	325	30	325	25	75
G224-02-024-150	B	325	30	350	25	100
G224-02-024-200	B	325	30	400	25	150
G224-02-024-250	B	325	30	450	25	200
G224-02-024-300	B	325	30	500	25	250
G224-02-024-150	B	350	30	350	25	100
G224-02-024-200	B	350	30	400	25	150
G224-02-024-250	B	350	30	450	25	200
G224-02-024-300	B	350	30	500	25	250
G224-02-024-150	B	400	30	400	25	100
G224-02-024-200	B	400	30	450	25	150
G224-02-024-250	B	400	30	500	25	200
G224-02-024-300	B	400	30	550	25	250



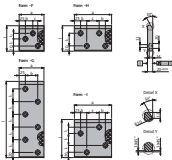
Material:
Bronze self-lubricating AFNOR ISO 9183-2

Direction of Motion



GSE CODE:G224-08

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G224-08-030-030	A	30	30	30	30	--
G224-08-030-100	B	30	30	30	30	--
G224-08-030-200	C	30	30	30	30	--
G224-08-030-300	D	30	30	30	30	30
G224-08-030-400	E	30	30	30	30	--
G224-08-030-500	F	30	30	30	30	--
G224-08-030-600	G	30	30	30	30	--
G224-08-030-700	H	30	30	30	30	--
G224-08-030-800	I	30	30	30	30	--
G224-08-030-900	J	30	30	30	30	--
G224-08-030-1000	K	30	30	30	30	--
G224-08-030-1100	L	30	30	30	30	--
G224-08-030-1200	M	30	30	30	30	--
G224-08-030-1300	N	30	30	30	30	--
G224-08-030-1400	O	30	30	30	30	--
G224-08-030-1500	P	30	30	30	30	--
G224-08-030-1600	Q	30	30	30	30	--
G224-08-030-1700	R	30	30	30	30	--
G224-08-030-1800	S	30	30	30	30	--
G224-08-030-1900	T	30	30	30	30	--
G224-08-030-2000	U	30	30	30	30	--
G224-08-030-2100	V	30	30	30	30	--
G224-08-030-2200	W	30	30	30	30	--
G224-08-030-2300	X	30	30	30	30	--
G224-08-030-2400	Y	30	30	30	30	--
G224-08-030-2500	Z	30	30	30	30	--
G224-08-030-2600	AA	30	30	30	30	--
G224-08-030-2700	AB	30	30	30	30	--
G224-08-030-2800	AC	30	30	30	30	--
G224-08-030-2900	AD	30	30	30	30	--
G224-08-030-3000	AE	30	30	30	30	--
G224-08-030-3100	AF	30	30	30	30	--
G224-08-030-3200	AG	30	30	30	30	--
G224-08-030-3300	AH	30	30	30	30	--
G224-08-030-3400	AI	30	30	30	30	--
G224-08-030-3500	AJ	30	30	30	30	--
G224-08-030-3600	AK	30	30	30	30	--
G224-08-030-3700	AL	30	30	30	30	--
G224-08-030-3800	AM	30	30	30	30	--
G224-08-030-3900	AN	30	30	30	30	--
G224-08-030-4000	AO	30	30	30	30	--
G224-08-030-4100	AP	30	30	30	30	--
G224-08-030-4200	AQ	30	30	30	30	--
G224-08-030-4300	AR	30	30	30	30	--
G224-08-030-4400	AS	30	30	30	30	--
G224-08-030-4500	AT	30	30	30	30	--
G224-08-030-4600	AU	30	30	30	30	--
G224-08-030-4700	AV	30	30	30	30	--
G224-08-030-4800	AW	30	30	30	30	--
G224-08-030-4900	AX	30	30	30	30	--
G224-08-030-5000	AY	30	30	30	30	--
G224-08-030-5100	AZ	30	30	30	30	--
G224-08-030-5200	BA	30	30	30	30	--
G224-08-030-5300	BB	30	30	30	30	--
G224-08-030-5400	BC	30	30	30	30	--
G224-08-030-5500	BD	30	30	30	30	--
G224-08-030-5600	BE	30	30	30	30	--
G224-08-030-5700	BF	30	30	30	30	--
G224-08-030-5800	BG	30	30	30	30	--
G224-08-030-5900	BH	30	30	30	30	--
G224-08-030-6000	BI	30	30	30	30	--
G224-08-030-6100	BJ	30	30	30	30	--
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G224-08-030-7800	CA	30	30	30	30	--
G224-08-030-7900	CB	30	30	30	30	--
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G224-08-030-8100	CD	30	30	30	30	--
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G224-08-030-8700	CJ	30	30	30	30	--
G224-08-030-8800	CK	30	30	30	30	--
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G224-08-030-9200	CO	30	30	30	30	--
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G224-08-030-10600	DC	30	30	30	30	--
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G224-08-030-13300	ED	30	30	30	30	--
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G224-08-030-13500	EF	30	30	30	30	--
G224-08-030-13600	EG	30	30	30	30	--
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G224-08-030-14400	EO	30	30	30	30	--
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G224-08-030-15800	FC	30	30	30	30	--
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G224-08-030-16100	FF	30	30	30	30	--
G224-08-030-16200	FG	30	30	30	30	--
G224-08-030-16300	FH	30	30	30	30	--
G224-08-030-16400	FI	30	30	30	30	--
G224-08-030-16500	FJ	30	30	30	30	--
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G224-08-030-16700	FL	30	30	30	30	--
G224-08-030-16800	FM	30	30	30	30	--
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G224-08-030-17800	FW	30	30	30	30	--
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G224-08-030-18200	GA	30	30	30	30	--
G224-08-030-18300	GB	30	30	30	30	--
G224-08-030-18400	GC	30	30	30	30	--
G224-08-030-18500	GD	30	30	30	30	--
G224-08-030-18600	GE	30	30	30	30	--
G224-08-030-18700	GF	30	30	30	30	--
G224-08-030-18800	GG	30	30	30	30	--
G224-08-030-18900	GH	30	30	30	30	--
G224-08-030-19000	GI	30	30	30	30	--
G224-08-030-19100	GJ	30	30	30	30	--
G224-08-030-19200	GK	30	30	30	30	--
G224-08-030-19300	GL	30	30	30	30	--
G224-08-03						



Material:
Bronze self-lubricating AFNOR
ISO 9183-2

Direction of Motion

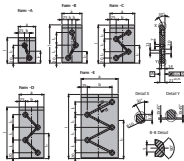


GSE CODE G224-08

Code	Form	a	b	c	f	l ₁	l ₂
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G224-08-100-100	F	100	50	20	100	25	25
G224-08-100-100	C	100	50	-	100	50	-
G224-08-150-100	H	150	25	50	100	50	-
G224-08-200-100	J	200	25	50	150	25	50
G224-08-250-100	G	250	500	-	100	50	-
G224-08-300-100	H	300	50	50	100	50	-

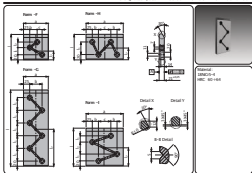


Material:
G225-07
HRC: 50-55



GSE CODE:G225-07

Code	Form	a	b	c	d	e	f
G225-07-075-200	A	75	20	200	50	-	65
G225-07-075-210	B	75	10	210	50	-	65
G225-07-075-250	C	75	20	250	50	-	95
G225-07-100-200	D	100	20	200	50	20	70
G225-07-100-210	E	100	10	210	50	-	80
G225-07-100-250	F	100	20	250	50	-	100
G225-07-150-200	G	150	200	200	50	-	95
G225-07-150-250	H	150	200	250	50	-	100



Material:
LINDAB-4
HRC 60-64

GSE CODE:G225-07

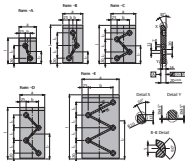
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G225-07-300-300	H	300	25	30	300	30	--	25	
G225-07-300-300	I	300	25	30	300	25	30	25	
G225-07-300-300	C	300	300	--	300	30	--	25	
G225-07-300-300	H	300	30	30	300	30	--	25	



Material:

ENACR-4

HRC: 60-64

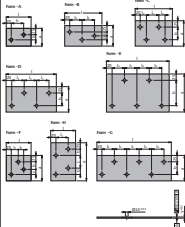


GSE CODE:G225-07

Code	Form	a mm	b mm	l mm	h ₁ mm	h ₂ mm	h ₃
G225-07-000-000	A	20	20	100	50	—	40
G225-07-000-000	B	20	20	130	50	—	40
G225-07-000-000	C	20	20	100	50	—	60
G225-07-000-000	D	100	50	130	50	25	70
G225-07-000-000	E	100	50	100	50	—	60
G225-07-000-000	F	100	50	170	50	—	140
G225-07-100-000	D	150	100	100	50	—	60
G225-07-100-000	E	150	100	170	50	—	140



Material:
ST 37



GSB CODE:G234-01

Code	Form	a	b	c	d	e	f	g	h
		mm	mm	mm	mm	mm	mm	mm	mm
G234-01-070-100	A	70	30	-	-	100	10	-	-
G234-01-070-150	B	70	30	-	-	150	10	-	-
G234-01-070-200	D	70	30	-	-	200	10	-	-
G234-01-100-100	F	100	30	30	-	100	21	21	-
G234-01-100-150	C	100	30	-	-	150	10	10	10
G234-01-100-200	D	100	30	-	-	200	10	-	-
G234-01-150-150	E	150	30	-	-	150	10	-	-
G234-01-150-200	C	150	30	-	-	200	10	-	-
G234-01-150-250	H	150	21	10	-	250	10	-	-
G234-01-150-300	I	150	21	10	-	300	21	10	-
G234-01-200-200	D	200	300	-	-	200	10	-	-
G234-01-200-250	E	200	300	-	-	250	10	-	-
G234-01-200-300	C	200	300	-	-	300	10	-	-
G234-01-200-350	H	200	10	10	-	350	10	-	-



Material:
Bronze self-lubricating
HB >180

Direction of Motion



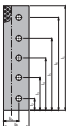
Form -A



Form -B



Form -C



G58 CODE:G224-11

Code	Form	B ₁	B ₂	B ₃	d	h	L	L ₁	L ₂	L ₃	L ₄	L ₅
G224-11-075-180	A	75	40	25	17.5	25	180	45	175	—	—	—
G224-11-075-200	A	75	40	25	17.5	25	200	45	175	—	—	—
G224-11-075-250	A	75	40	25	17.5	25	250	45	175	200	—	—
G224-11-080-180	A	80	40	30	17.5	25	180	45	175	—	—	—
G224-11-080-200	A	80	40	30	17.5	25	200	45	175	—	—	—
G224-11-080-250	A	80	40	30	17.5	25	250	45	175	200	—	—
G224-11-080-300	C	80	40	30	17.5	25	300	45	175	200	275	175
G224-11-080-180	A	80	40	30	22	30	180	45	175	—	—	—
G224-11-080-200	A	80	40	30	22	30	200	45	175	—	—	—
G224-11-080-250	A	80	40	30	22	30	250	45	175	200	—	—
G224-11-080-300	C	80	40	30	22	30	300	45	175	200	275	175
G224-11-075-180	A	125	75	30	22	30	180	45	175	—	—	—
G224-11-075-200	A	125	75	30	22	30	200	45	175	—	—	—
G224-11-075-250	A	125	75	30	22	30	250	45	175	200	—	—
G224-11-075-300	C	125	75	30	22	30	300	45	175	200	275	175



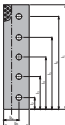
Form -A



Form -B



Form -C



Material:
G225 with Non-Squeal Lubricant
HRC: 58 - 62

Direction of Motion



G225 CODE-G225-08

Code	Form	Is	Is	Is	d	b	L	Is	Is	Is	Is	Is
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G225-08-075-160	A	75	40	25	125	25	160	40	125	-	-	-
G225-08-075-200	A	75	40	25	125	25	200	40	125	-	-	-
G225-08-075-250	B	75	40	25	125	25	250	40	125	200	-	-
G225-08-100-160	A	100	40	30	125	25	160	40	125	-	-	-
G225-08-100-200	A	100	40	30	125	25	200	40	125	-	-	-
G225-08-100-250	B	100	40	30	125	25	250	40	125	200	-	-
G225-08-100-300	C	100	40	30	125	25	300	40	125	200	275	350
G225-08-100-180L	A	100	40	30	22	30	180	40	125	-	-	-
G225-08-100-220L	A	100	40	30	22	30	220	40	125	-	-	-
G225-08-100-260L	B	100	40	30	22	30	260	40	125	200	-	-
G225-08-100-300L	C	100	40	30	22	30	300	40	125	200	275	350
G225-08-125-160	A	125	25	30	22	30	160	40	125	-	-	-
G225-08-125-200	A	125	25	30	22	30	200	40	125	-	-	-
G225-08-125-250	B	125	25	30	22	30	250	40	125	200	-	-
G225-08-125-300	C	125	25	30	22	30	300	40	125	200	275	350

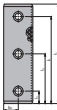
Cluster	Parents	Is ₁	Is ₂	Is ₃	all	Is ₄	Is ₅	Is ₆	Is ₇	Is ₈	Is ₉	Is ₁₀	Is ₁₁	Is ₁₂
0000-00-000-000	A	75	80	70	175	70	180	-01	150	-	-	-	-	-
0000-00-000-000	A	75	80	70	175	70	180	-01	150	-	-	-	-	-
0000-00-000-000	B	75	80	70	175	70	180	-01	150	300	-	-	-	-
0000-00-000-000	A	100	80	80	175	70	180	-01	150	-	-	-	-	-
0000-00-000-000	A	100	80	80	175	70	180	-01	150	-	-	-	-	-
0000-00-000-000	B	100	80	80	175	70	180	-01	150	300	-	-	-	-
0000-00-000-000	C	100	80	80	175	70	400	-01	150	300	270	110	-	-
0000-00-000-000	A	100	80	80	175	80	180	-01	150	-	-	-	-	-
0000-00-000-000	A	100	80	80	175	80	180	-01	150	-	-	-	-	-
0000-00-000-000	B	100	80	80	175	80	180	-01	150	300	-	-	-	-
0000-00-000-000	C	100	80	80	175	80	400	-01	150	300	270	110	-	-
0000-00-100-000	A	170	70	80	170	80	180	-01	150	-	-	-	-	-
0000-00-100-000	A	170	70	80	170	80	180	-01	150	-	-	-	-	-
0000-00-100-000	B	170	70	80	170	80	180	-01	150	300	-	-	-	-
0000-00-100-000	C	170	70	80	170	80	400	-01	150	300	270	110	-	-



Form -B-



Form -B-



Material:
Bronz mit PTFE-Lagekubernetz
VB 4130

Direction of Motion



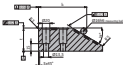
GSE CODE:G224-12

Code	Form	B ₁	B ₂	d ₁	d ₂	B ₃	B ₄	B ₅	B ₆	B ₇	L
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G224-12-012-100	A	25	12,5	9	11	12	110	25	85	-	8,5
G224-12-012-120	A	25	12,5	9	11	12	120	25	85	-	8,5
G224-12-012-150	A	25	12,5	11	13	13	110	25	85	-	10,5
G224-12-012-180	A	25	12,5	12	14	14	120	25	85	-	10,5
G224-12-030-120	A	80	30	11,5	13	30	120	25	100	-	11
G224-12-030-150	A	80	30	11,5	13	30	150	25	115	-	11
G224-12-030-200	A	80	30	11,5	13	30	200	25	120	175	11
G224-12-040-120	A	80	40	11,5	13	40	120	25	100	-	11
G224-12-040-150	A	80	40	11,5	13	40	150	25	115	-	11
G224-12-040-200	A	80	40	11,5	13	40	200	25	120	175	11



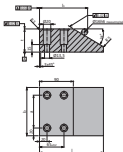
1. **Author(s)**
 2. **Author(s) Address**
 3. **Author(s) E-mail**

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00005228-01

Code	a	b	c	d	e	f
2008-01-000150-01	80	1.00	1.00	1.00.00	-01	007
2008-01-000150-01	80	1.00	1.00	1.00.00	-01	007
2008-01-000150-01	0000	1.00	1.00	1.00.00	-01	007
2008-01-000150-01	80	1.00	1.00	1.00.00	-01	007
2008-01-000150-00	80	1.00	1.00	1.00.00	000	007
2008-01-000150-01	80	1.00	1.00	1.00.00	-01	007
2008-01-000150-00	80	1.00	1.00	1.00.00	000	007
2008-01-000150-01	0000	1.00	1.00	1.00.00	-01	007
2008-01-000150-00	0000	1.00	1.00	1.00.00	000	007



Material:
S113CMA/VDI
HRC: 62 +62

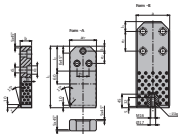
GSE CODE:G229-01

Code	a	b	c	d	e	f
G229-01-0001.000	80	200	175	241.57	45	30°
G229-01-0001.000	80	243	175	241.57	45	30°
G229-01-0001.000	110	200	175	241.57	45	30°
G229-01-0001.000	80	200	175	241.57	45	30°
G229-01-0001.000	80	200	175	241.57	45	30°
G229-01-0001.000	80	243	175	241.57	45	30°
G229-01-0001.000	80	243	175	241.57	45	30°
G229-01-0001.000	110	200	175	241.57	45	30°
G229-01-0001.000	110	200	175	241.57	45	30°



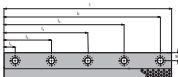
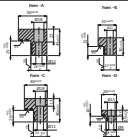
Material:
CRM with Non-Spall Abrasent
HRC 58-60

Direction of Motion



GSE CODE:G229-05

Code	a	b	c	d	e	f	g	h	i	j	k	Form
G229-05-250.250	83	36	280	90	20	30	24	20	36	28	28	A
G229-05-250.300	83	36	300	90	20	30	24	20	36	28	28	A
G229-05-250.320	83	36	320	90	20	30	24	20	36	28	28	A
G229-05-250.400	71	36	380	90	20	30	24	20	36	28	28	A
G229-05-250.500	71	36	500	90	20	30	24	20	36	28	28	A
G229-05-250.520	71	36	520	90	20	30	24	20	36	28	28	A
G229-05-250.600	90	36	600	100	20	30	28	26	21	28	25	A
G229-05-250.720	90	36	720	100	20	30	28	26	21	28	25	A
G229-05-250.750	90	43	750	100	20	30	28	26	21	28	25	A
G229-05-250.800	90	43	800	100	20	30	28	26	21	28	25	A
G229-05-250.900	112	43	900	100	20	30	28	26	21	28	25	A
G229-05-150.300	112	43	300	100	20	30	28	26	21	28	25	A
G229-05-150.320	112	43	320	100	20	30	28	26	21	28	25	A
G229-05-150.400	140	36	400	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.500	140	36	500	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.520	140	36	520	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.600	180	36	600	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.720	180	36	720	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.800	180	36	800	100	40	80	22	33	25.5	36	11.5	B
G229-05-150.900	240	36	900	100	40	160	26	40	32.5	36	11.5	B
G229-05-250.900	240	36	900	200	40	160	26	40	32.5	36	11.5	B



Material:
Bronze mit Festschmierstoff
HB 20/22

Direction of Motion →

GSE CODE:G231-01

Code	Form	l	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇
G231-01-000100	D	100	20	80	-	-	-	8	2
G231-01-000150	D	150	20	75	150	-	-	8	3
G231-01-000200	D	200	20	75	175	180	-	8	4
G231-01-000250	B	100	20	80	-	-	-	11	2
G231-01-0002100	B	100	20	75	180	-	-	11	3
G231-01-0002200	B	200	20	75	175	180	-	11	4
G231-01-0002300	B	250	20	80	180	210	-	11	4
G231-01-0002180	C	180	18	210	-	-	-	12	2
G231-01-0002170	C	230	18	210	175	-	-	12	3
G231-01-0002100	A	100	20	75	175	180	-	14	4
G231-01-0002150	A	150	20	80	180	210	-	14	4
G231-01-0002100	A	200	20	85	190	221	280	14	5
G231-01-0002150	A	250	20	100	175	200	180	14	5



Material:
Bronze self-lubricating
HB <180

Direction of Motion

Ordering Example

G231-04-1000 1000

1000mm Overall Width
100mm Overall Height



Form -A-



Form -B-



Form -C-



Drilled Holes Location on Request

Form -B-

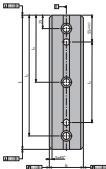


Form -C-



CSE CODE:G231-04

Code	Form	B ₁ mm	B ₂ mm	B ₃ mm	d mm	L mm	L ₁ mm	L ₂ mm	L ₃ mm	L ₄ mm	L ₅ mm	L ₆ mm	L ₇ mm	A mm	B mm
G231-04-1000 1000	A	75	37	20	11.3	100	17.5	-	-	-	75.3	53	38	30	80
G231-04-1000 800	A	75	37	20	11.3	800	17.5	-	-	-	75.3	53	38	30	800
G231-04-1000 600	A	75	37	20	11.3	600	17.5	-	-	-	75.3	53	38	30	600
G231-04-1000 400	A	75	37	20	11.3	400	17.5	-	-	-	75.3	53	38	30	400
G231-04-1000 200	A	75	37	20	11.3	200	17.5	-	-	-	75.3	53	38	30	200
G231-04-1000 100	A	75	37	20	11.3	100	17.5	-	-	-	75.3	53	38	30	100
G231-04-1000 1000	B	75	37	20	11.3	1000	17.5	-	-	-	75.3	53	38	30	1000
G231-04-1000 800	B	75	37	20	11.3	800	17.5	-	-	-	75.3	53	38	30	800
G231-04-1000 600	B	75	37	20	11.3	600	17.5	-	-	-	75.3	53	38	30	600
G231-04-1000 400	B	75	37	20	11.3	400	17.5	-	-	-	75.3	53	38	30	400
G231-04-1000 200	B	75	37	20	11.3	200	17.5	-	-	-	75.3	53	38	30	200
G231-04-1000 100	B	75	37	20	11.3	100	17.5	-	-	-	75.3	53	38	30	100
G231-04-1000 1000	C	83	41	22	12.5	1000	18.7	125	200	275	350.3	80	45	33	1000
G231-04-1000 800	C	83	41	22	12.5	800	18.7	125	200	275	350.3	80	45	33	800
G231-04-1000 600	C	83	41	22	12.5	600	18.7	125	200	275	350.3	80	45	33	600
G231-04-1000 400	C	83	41	22	12.5	400	18.7	125	200	275	350.3	80	45	33	400
G231-04-1000 200	C	83	41	22	12.5	200	18.7	125	200	275	350.3	80	45	33	200
G231-04-1000 100	C	83	41	22	12.5	100	18.7	125	200	275	350.3	80	45	33	100



Material:
C65
HRC 58-62

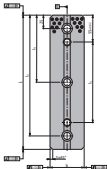
GSE CODE:G233-03

Code	B	d ₁	d ₂	d ₃	B ₁	B ₂	B ₃	B ₄	L ₁	L ₂	L ₃	L ₄	T	A
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G233-03-0800000	80	13,5	20	17	35	35	32	8	150	120	-10	-	7	85
G233-03-0800000	80	13,5	20	17	35	35	32	8	200	170	90	-	7	85
G233-03-0800000	80	13,5	20	17	35	35	32	8	250	220	140	120	7	85
G233-03-0800000	80	13,5	20	17	35	35	32	8	300	270	190	160	7	85
G233-03-1200000	120	17,5	26	26	60	60	55	15	150	120	-10	-	10	85
G233-03-1200000	120	17,5	26	26	60	60	55	15	200	170	90	-	10	85
G233-03-1200000	120	17,5	26	26	60	60	55	15	250	220	140	120	10	85
G233-03-1200000	120	17,5	26	26	60	60	55	15	300	270	190	160	10	85



Material:
Bronze self-lubricating
HB > 100

Direction of Motion

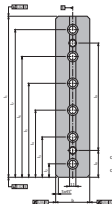


GSE CODE:G232-03

Code	\$L_1\$	\$L_2\$	\$L_3\$	\$L_4\$	\$L_5\$	\$L_6\$	\$L_7\$	\$L_8\$	\$L_9\$	\$L_{10}\$	\$L_{11}\$	\$L_{12}\$	\$L_{13}\$	\$L_{14}\$	\$L_{15}\$
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G232-03-0800000	80	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-0900000	90	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1000000	100	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1100000	110	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1200000	120	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1300000	130	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1400000	140	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1500000	150	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1600000	160	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1700000	170	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1800000	180	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-1900000	190	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2000000	200	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2100000	210	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2200000	220	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2300000	230	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2400000	240	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2500000	250	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2600000	260	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2700000	270	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2800000	280	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-2900000	290	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44
G232-03-3000000	300	12.5	20	22	24	26	28	30	32	34	36	38	40	42	44



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Cluster	β_0	β_1	β_2	β_3	β_4	β_5	β_6	β_7	β_8	β_9
	cluster1			cluster2			cluster3			
cat10-04-1990-2000	0.0	0.000	0.0	0.0	--	--	--	--	0.0	0.0
cat10-04-1990-2000	0.0	0.000	0.0	0.0	0.000	--	--	--	0.0	0.0
cat10-04-1990-2000	0.0	0.000	0.0	0.0	0.000	0.000	--	--	0.0	0.000
cat10-04-1990-2000	0.0	0.000	0.0	0.0	0.000	0.000	0.000	--	0.0	0.000
cat10-04-1990-2000	0.0	0.000	0.0	0.0	0.000	0.000	0.000	0.000	0.0	0.000

Case	h	h ₁	h ₂	h ₃	h ₄	h ₅	h ₆	h ₇	h ₈	h ₉	h ₁₀	h ₁₁	h ₁₂	h ₁₃	h ₁₄	h ₁₅	h ₁₆	h ₁₇	h ₁₈	h ₁₉	h ₂₀	h ₂₁	h ₂₂	h ₂₃	h ₂₄	h ₂₅	h ₂₆	h ₂₇	h ₂₈	h ₂₉	h ₃₀	h ₃₁	h ₃₂	h ₃₃	h ₃₄	h ₃₅	h ₃₆	h ₃₇	h ₃₈	h ₃₉	h ₄₀	h ₄₁	h ₄₂	h ₄₃	h ₄₄	h ₄₅	h ₄₆	h ₄₇	h ₄₈	h ₄₉	h ₅₀	h ₅₁	h ₅₂	h ₅₃	h ₅₄	h ₅₅	h ₅₆	h ₅₇	h ₅₈	h ₅₉	h ₆₀	h ₆₁	h ₆₂	h ₆₃	h ₆₄	h ₆₅	h ₆₆	h ₆₇	h ₆₈	h ₆₉	h ₇₀	h ₇₁	h ₇₂	h ₇₃	h ₇₄	h ₇₅	h ₇₆	h ₇₇	h ₇₈	h ₇₉	h ₈₀	h ₈₁	h ₈₂	h ₈₃	h ₈₄	h ₈₅	h ₈₆	h ₈₇	h ₈₈	h ₈₉	h ₉₀	h ₉₁	h ₉₂	h ₉₃	h ₉₄	h ₉₅	h ₉₆	h ₉₇	h ₉₈	h ₉₉	h ₁₀₀	h ₁₀₁	h ₁₀₂	h ₁₀₃	h ₁₀₄	h ₁₀₅	h ₁₀₆	h ₁₀₇	h ₁₀₈	h ₁₀₉	h ₁₁₀	h ₁₁₁	h ₁₁₂	h ₁₁₃	h ₁₁₄	h ₁₁₅	h ₁₁₆	h ₁₁₇	h ₁₁₈	h ₁₁₉	h ₁₂₀	h ₁₂₁	h ₁₂₂	h ₁₂₃	h ₁₂₄	h ₁₂₅	h ₁₂₆	h ₁₂₇	h ₁₂₈	h ₁₂₉	h ₁₃₀	h ₁₃₁	h ₁₃₂	h ₁₃₃	h ₁₃₄	h ₁₃₅	h ₁₃₆	h ₁₃₇	h ₁₃₈	h ₁₃₉	h ₁₄₀	h ₁₄₁	h ₁₄₂	h ₁₄₃	h ₁₄₄	h ₁₄₅	h ₁₄₆	h ₁₄₇	h ₁₄₈	h ₁₄₉	h ₁₅₀	h ₁₅₁	h ₁₅₂	h ₁₅₃	h ₁₅₄	h ₁₅₅	h ₁₅₆	h ₁₅₇	h ₁₅₈	h ₁₅₉	h ₁₆₀	h ₁₆₁	h ₁₆₂	h ₁₆₃	h ₁₆₄	h ₁₆₅	h ₁₆₆	h ₁₆₇	h ₁₆₈	h ₁₆₉	h ₁₇₀	h ₁₇₁	h ₁₇₂	h ₁₇₃	h ₁₇₄	h ₁₇₅	h ₁₇₆	h ₁₇₇	h ₁₇₈	h ₁₇₉	h ₁₈₀	h ₁₈₁	h ₁₈₂	h ₁₈₃	h ₁₈₄	h ₁₈₅	h ₁₈₆	h ₁₈₇	h ₁₈₈	h ₁₈₉	h ₁₉₀	h ₁₉₁	h ₁₉₂	h ₁₉₃	h ₁₉₄	h ₁₉₅	h ₁₉₆	h ₁₉₇	h ₁₉₈	h ₁₉₉	h ₂₀₀	h ₂₀₁	h ₂₀₂	h ₂₀₃	h ₂₀₄	h ₂₀₅	h ₂₀₆	h ₂₀₇	h ₂₀₈	h ₂₀₉	h ₂₁₀	h ₂₁₁	h ₂₁₂	h ₂₁₃	h ₂₁₄	h ₂₁₅	h ₂₁₆	h ₂₁₇	h ₂₁₈	h ₂₁₉	h ₂₂₀	h ₂₂₁	h ₂₂₂	h ₂₂₃	h ₂₂₄	h ₂₂₅	h ₂₂₆	h ₂₂₇	h ₂₂₈	h ₂₂₉	h ₂₃₀	h ₂₃₁	h ₂₃₂	h ₂₃₃	h ₂₃₄	h ₂₃₅	h ₂₃₆	h ₂₃₇	h ₂₃₈	h ₂₃₉	h ₂₄₀	h ₂₄₁	h ₂₄₂	h ₂₄₃	h ₂₄₄	h ₂₄₅	h ₂₄₆	h ₂₄₇	h ₂₄₈	h ₂₄₉	h ₂₅₀	h ₂₅₁	h ₂₅₂	h ₂₅₃	h ₂₅₄	h ₂₅₅	h ₂₅₆	h ₂₅₇	h ₂₅₈	h ₂₅₉	h ₂₆₀	h ₂₆₁	h ₂₆₂	h ₂₆₃	h ₂₆₄	h ₂₆₅	h ₂₆₆	h ₂₆₇	h ₂₆₈	h ₂₆₉	h ₂₇₀	h ₂₇₁	h ₂₇₂	h ₂₇₃	h ₂₇₄	h ₂₇₅	h ₂₇₆	h ₂₇₇	h ₂₇₈	h ₂₇₉	h ₂₈₀	h ₂₈₁	h ₂₈₂	h ₂₈₃	h ₂₈₄	h ₂₈₅	h ₂₈₆	h ₂₈₇	h ₂₈₈	h ₂₈₉	h ₂₉₀	h ₂₉₁	h ₂₉₂	h ₂₉₃	h ₂₉₄	h ₂₉₅	h ₂₉₆	h ₂₉₇	h ₂₉₈	h ₂₉₉	h ₃₀₀	h ₃₀₁	h ₃₀₂	h ₃₀₃	h ₃₀₄	h ₃₀₅	h ₃₀₆	h ₃₀₇	h ₃₀₈	h ₃₀₉	h ₃₁₀	h ₃₁₁	h ₃₁₂	h ₃₁₃	h ₃₁₄	h ₃₁₅	h ₃₁₆	h ₃₁₇	h ₃₁₈	h ₃₁₉	h ₃₂₀	h ₃₂₁	h ₃₂₂	h ₃₂₃	h ₃₂₄	h ₃₂₅	h ₃₂₆	h ₃₂₇	h ₃₂₈	h ₃₂₉	h ₃₃₀	h ₃₃₁	h ₃₃₂	h ₃₃₃	h ₃₃₄	h ₃₃₅	h ₃₃₆	h ₃₃₇	h ₃₃₈	h ₃₃₉	h ₃₄₀	h ₃₄₁	h ₃₄₂	h ₃₄₃	h ₃₄₄	h ₃₄₅	h ₃₄₆	h ₃₄₇	h ₃₄₈	h ₃₄₉	h ₃₅₀	h ₃₅₁	h ₃₅₂	h ₃₅₃	h ₃₅₄	h ₃₅₅	h ₃₅₆	h ₃₅₇	h ₃₅₈	h ₃₅₉	h ₃₆₀	h ₃₆₁	h ₃₆₂	h ₃₆₃	h ₃₆₄	h ₃₆₅	h ₃₆₆	h ₃₆₇	h ₃₆₈	h ₃₆₉	h ₃₇₀	h ₃₇₁	h ₃₇₂	h ₃₇₃	h ₃₇₄	h ₃₇₅	h ₃₇₆	h ₃₇₇	h ₃₇₈	h ₃₇₉	h ₃₈₀	h ₃₈₁	h ₃₈₂	h ₃₈₃	h ₃₈₄	h ₃₈₅	h ₃₈₆	h ₃₈₇	h ₃₈₈	h ₃₈₉	h ₃₉₀	h ₃₉₁	h ₃₉₂	h ₃₉₃	h ₃₉₄	h ₃₉₅	h ₃₉₆	h ₃₉₇	h ₃₉₈	h ₃₉₉	h ₄₀₀	h ₄₀₁	h ₄₀₂	h ₄₀₃	h ₄₀₄	h ₄₀₅	h ₄₀₆	h ₄₀₇	h ₄₀₈	h ₄₀₉	h ₄₁₀	h ₄₁₁	h ₄₁₂	h ₄₁₃	h ₄₁₄	h ₄₁₅	h ₄₁₆	h ₄₁₇	h ₄₁₈	h ₄₁₉	h ₄₂₀	h ₄₂₁	h ₄₂₂	h ₄₂₃	h ₄₂₄	h ₄₂₅	h ₄₂₆	h ₄₂₇	h ₄₂₈	h ₄₂₉	h ₄₃₀	h ₄₃₁	h ₄₃₂	h ₄₃₃	h ₄₃₄	h ₄₃₅	h ₄₃₆	h ₄₃₇	h ₄₃₈	h ₄₃₉	h ₄₄₀	h ₄₄₁	h ₄₄₂	h ₄₄₃	h ₄₄₄	h ₄₄₅	h ₄₄₆	h ₄₄₇	h ₄₄₈	h ₄₄₉	h ₄₅₀	h ₄₅₁	h ₄₅₂	h ₄₅₃	h ₄₅₄	h ₄₅₅	h ₄₅₆	h ₄₅₇	h ₄₅₈	h ₄₅₉	h ₄₆₀	h ₄₆₁	h ₄₆₂	h ₄₆₃	h ₄₆₄	h ₄₆₅	h ₄₆₆	h ₄₆₇	h ₄₆₈	h ₄₆₉	h ₄₇₀	h ₄₇₁	h ₄₇₂	h ₄₇₃	h ₄₇₄	h ₄₇₅	h ₄₇₆	h ₄₇₇	h ₄₇₈	h ₄₇₉	h ₄₈₀	h ₄₈₁	h ₄₈₂	h ₄₈₃	h ₄₈₄	h ₄₈₅	h ₄₈₆	h ₄₈₇	h ₄₈₈	h ₄₈₉	h ₄₉₀	h ₄₉₁	h ₄₉₂	h ₄₉₃	h ₄₉₄	h ₄₉₅	h ₄₉₆	h ₄₉₇	h ₄₉₈	h ₄₉₉	h ₅₀₀	h ₅₀₁	h ₅₀₂	h ₅₀₃	h ₅₀₄	h ₅₀₅	h ₅₀₆	h ₅₀₇	h ₅₀₈	h ₅₀₉	h ₅₁₀	h ₅₁₁	h ₅₁₂	h ₅₁₃	h ₅₁₄	h ₅₁₅	h ₅₁₆	h ₅₁₇	h ₅₁₈	h ₅₁₉	h ₅₂₀	h ₅₂₁	h ₅₂₂	h ₅₂₃	h ₅₂₄	h ₅₂₅	h ₅₂₆	h ₅₂₇	h ₅₂₈	h ₅₂₉	h ₅₃₀	h ₅₃₁	h ₅₃₂	h ₅₃₃	h ₅₃₄	h ₅₃₅	h ₅₃₆	h ₅₃₇	h ₅₃₈	h ₅₃₉	h ₅₄₀	h ₅₄₁	h ₅₄₂	h ₅₄₃	h ₅₄₄	h ₅₄₅	h ₅₄₆	h ₅₄₇	h ₅₄₈	h ₅₄₉	h ₅₅₀	h ₅₅₁	h ₅₅₂	h ₅₅₃	h ₅₅₄	h ₅₅₅	h ₅₅₆	h ₅₅₇	h ₅₅₈	h ₅₅₉	h ₅₆₀	h ₅₆₁	h ₅₆₂	h ₅₆₃	h ₅₆₄	h ₅₆₅	h ₅₆₆	h ₅₆₇	h ₅₆₈	h ₅₆₉	h ₅₇₀	h ₅₇₁	h ₅₇₂	h ₅₇₃	h ₅₇₄	h ₅₇₅	h ₅₇₆	h ₅₇₇	h ₅₇₈	h ₅₇₉	h ₅₈₀	h ₅₈₁	h ₅₈₂	h ₅₈₃	h ₅₈₄	h ₅₈₅	h ₅₈₆	h ₅₈₇	h ₅₈₈	h ₅₈₉	h ₅₉₀	h ₅₉₁	h ₅₉₂	h ₅₉₃	h ₅₉₄	h ₅₉₅	h ₅₉₆	h ₅₉₇	h ₅₉₈	h ₅₉₉	h ₆₀₀	h ₆₀₁	h ₆₀₂	h ₆₀₃	h ₆₀₄	h ₆₀₅	h ₆₀₆	h ₆₀₇	h ₆₀₈	h ₆₀₉	h ₆₁₀	h ₆₁₁	h ₆₁₂	h ₆₁₃	h ₆₁₄	h ₆₁₅	h ₆₁₆	h ₆₁₇	h ₆₁₈	h ₆₁₉	h ₆₂₀	h ₆₂₁	h ₆₂₂	h ₆₂₃	h ₆₂₄	h ₆₂₅	h ₆₂₆	h ₆₂₇	h ₆₂₈	h ₆₂₉	h ₆₃₀	h ₆₃₁	h ₆₃₂	h ₆₃₃	h ₆₃₄	h ₆₃₅	h ₆₃₆	h ₆₃₇	h ₆₃₈	h ₆₃₉	h ₆₄₀	h ₆₄₁	h ₆₄₂	h ₆₄₃	h ₆₄₄	h ₆₄₅	h ₆₄₆	h ₆₄₇	h ₆₄₈	h ₆₄₉	h ₆₅₀	h ₆₅₁	h ₆₅₂	h ₆₅₃	h ₆₅₄	h ₆₅₅	h ₆₅₆	h ₆₅₇	h ₆₅₈	h ₆₅₉	h ₆₆₀	h ₆₆₁	h ₆₆₂	h ₆₆₃	h ₆₆₄	h ₆₆₅	h ₆₆₆	h ₆₆₇	h ₆₆₈	h ₆₆₉	h ₆₇₀	h ₆₇₁	h ₆₇₂	h ₆₇₃	h ₆₇₄	h ₆₇₅	h ₆₇₆	h ₆₇₇	h ₆₇₈	h ₆₇₉	h ₆₈₀	h ₆₈₁	h ₆₈₂	h ₆₈₃	h ₆₈₄	h ₆₈₅	h ₆₈₆	h ₆₈₇	h ₆₈₈	h ₆₈₉	h ₆₉₀	h ₆₉₁	h ₆₉₂	h ₆₉₃	h ₆₉₄	h ₆₉₅	h ₆₉₆	h ₆₉₇	h ₆₉₈	h ₆₉₉	h ₇₀₀	h ₇₀₁	h ₇₀₂	h ₇₀₃	h ₇₀₄	h ₇₀₅	h ₇₀₆	h ₇₀₇	h ₇₀₈	h ₇₀₉	h ₇₁₀	h ₇₁₁	h ₇₁₂	h ₇₁₃	h ₇₁₄	h ₇₁₅	h ₇₁₆	h ₇₁₇	h ₇₁₈	h ₇₁₉	h ₇₂₀	h ₇₂₁	h ₇₂₂	h ₇₂₃	h ₇₂₄	h ₇₂₅	h ₇₂₆	h ₇₂₇	h ₇₂₈	h ₇₂₉	h ₇₃₀	h ₇₃₁	h ₇₃₂	h ₇₃₃	h ₇₃₄	h ₇₃₅	h ₇₃₆	h ₇₃₇	h ₇₃₈	h ₇₃₉	h ₇₄₀	h ₇₄₁	h ₇₄₂	h ₇₄₃	h ₇₄₄	h ₇₄₅	h ₇₄₆	h ₇₄₇	h ₇₄₈	h ₇₄₉	h ₇₅₀	h ₇₅₁	h ₇₅₂	h ₇₅₃	h ₇₅₄	h ₇₅₅	h ₇₅₆	h ₇₅₇	h ₇₅₈	h ₇₅₉	h ₇₆₀	h ₇₆₁	h ₇₆₂	h ₇₆₃	h ₇₆₄	h ₇₆₅	h ₇₆₆	h ₇₆₇	h ₇₆₈	h ₇₆₉	h ₇₇₀	h ₇₇₁	h ₇₇₂	h ₇₇₃	h ₇₇₄	h ₇₇₅	h ₇₇₆	h ₇₇₇	h ₇₇₈	h ₇₇₉	h ₇₈₀	h ₇₈₁	h ₇₈₂	h ₇₈₃	h ₇₈₄	h ₇₈₅	h ₇₈₆	h ₇₈₇	h ₇₈₈	h ₇₈₉	h ₇₉₀	h ₇₉₁	h ₇₉₂	h ₇₉₃	h ₇₉₄	h ₇₉₅	h ₇₉₆	h ₇₉₇	h ₇₉₈	h ₇₉₉	h ₈₀₀	h ₈₀₁	h ₈₀₂	h ₈₀₃	h ₈₀₄	h ₈₀₅	h ₈₀₆	h ₈₀₇	h ₈₀₈	h ₈₀₉	h ₈₁₀	h ₈₁₁	h ₈₁₂	h ₈₁₃	h ₈₁₄	h ₈₁₅	h ₈₁₆	h ₈₁₇	h ₈₁₈	h ₈₁₉	h ₈₂₀	h ₈₂₁	h ₈₂₂	h ₈₂₃	h ₈₂₄	h ₈₂₅	h ₈₂₆	h ₈₂₇	h ₈₂₈	h ₈₂₉	h ₈₃₀	h ₈₃₁	h ₈₃₂	h ₈₃₃	h ₈₃₄	h ₈₃₅	h ₈₃₆	h ₈₃₇	h ₈₃₈	h ₈₃₉	h ₈₄₀	h ₈₄₁	h ₈₄₂	h ₈₄₃	h ₈₄₄	h ₈₄₅	h ₈₄₆	h ₈₄₇	h 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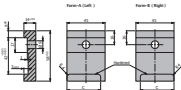


Material:

Steel

HRc : 50 ± 03

"C" dimension is given by the customer.



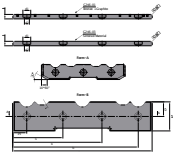
GSE CODE:G234-03

Code	Form	Location
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G234-03-035-C	A + B	Set. Isolators
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G234-03-035a-C	A	Left
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G234-03-035b-C	B	Right
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100

2008-09
Revenue with non-federal
fundraising
\$11.5 million



100



	2002	2003	2004
1. <i>Chlamydia trachomatis</i>	100	100	100
2. <i>Neisseria meningitidis</i>	100	100	100
3. <i>Streptococcus pneumoniae</i>	100	100	100
4. <i>Haemophilus influenzae</i>	100	100	100
5. <i>Legionella pneumophila</i>	100	100	100
6. <i>Yersinia enterocolitica</i>	100	100	100
7. <i>Salmonella enteritidis</i>	100	100	100
8. <i>Escherichia coli</i>	100	100	100
9. <i>Shigella flexneri</i>	100	100	100
10. <i>Staphylococcus aureus</i>	100	100	100
11. <i>Streptococcus pyogenes</i>	100	100	100
12. <i>Streptococcus pneumoniae</i>	100	100	100
13. <i>Streptococcus pneumoniae</i>	100	100	100
14. <i>Streptococcus pneumoniae</i>	100	100	100
15. <i>Streptococcus pneumoniae</i>	100	100	100
16. <i>Streptococcus pneumoniae</i>	100	100	100
17. <i>Streptococcus pneumoniae</i>	100	100	100
18. <i>Streptococcus pneumoniae</i>	100	100	100
19. <i>Streptococcus pneumoniae</i>	100	100	100
20. <i>Streptococcus pneumoniae</i>	100	100	100
21. <i>Streptococcus pneumoniae</i>	100	100	100
22. <i>Streptococcus pneumoniae</i>	100	100	100
23. <i>Streptococcus pneumoniae</i>	100	100	100
24. <i>Streptococcus pneumoniae</i>	100	100	100
25. <i>Streptococcus pneumoniae</i>	100	100	100
26. <i>Streptococcus pneumoniae</i>	100	100	100
27. <i>Streptococcus pneumoniae</i>	100	100	100
28. <i>Streptococcus pneumoniae</i>	100	100	100
29. <i>Streptococcus pneumoniae</i>	100	100	100
30. <i>Streptococcus pneumoniae</i>	100	100	100
31. <i>Streptococcus pneumoniae</i>	100	100	100
32. <i>Streptococcus pneumoniae</i>	100	100	100
33. <i>Streptococcus pneumoniae</i>	100	100	100
34. <i>Streptococcus pneumoniae</i>	100	100	100
35. <i>Streptococcus pneumoniae</i>	100	100	100
36. <i>Streptococcus pneumoniae</i>	100	100	100
37. <i>Streptococcus pneumoniae</i>	100	100	100
38. <i>Streptococcus pneumoniae</i>	100	100	100
39. <i>Streptococcus pneumoniae</i>	100	100	100
40. <i>Streptococcus pneumoniae</i>	100	100	100
41. <i>Streptococcus pneumoniae</i>	100	100	100
42. <i>Streptococcus pneumoniae</i>	100	100	100
43. <i>Streptococcus pneumoniae</i>	100	100	100
44. <i>Streptococcus pneumoniae</i>	100	100	100
45. <i>Streptococcus pneumoniae</i>	100	100	100
46. <i>Streptococcus pneumoniae</i>	100	100	100
47. <i>Streptococcus pneumoniae</i>	100	100	100
48. <i>Streptococcus pneumoniae</i>	100	100	100
49. <i>Streptococcus pneumoniae</i>	100	100	100
50. <i>Streptococcus pneumoniae</i>	100	100	100
51. <i>Streptococcus pneumoniae</i>	100	100	100
52. <i>Streptococcus pneumoniae</i>	100	100	100
53. <i>Streptococcus pneumoniae</i>	100	100	100
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55. <i>Streptococcus pneumoniae</i>	100	100	100
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58. <i>Streptococcus pneumoniae</i>	100	100	100
59. <i>Streptococcus pneumoniae</i>	100	100	100
60. <i>Streptococcus pneumoniae</i>	100	100	100
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63. <i>Streptococcus pneumoniae</i>	100	100	100
64. <i>Streptococcus pneumoniae</i>	100	100	100
65. <i>Streptococcus pneumoniae</i>	100	100	100
66. <i>Streptococcus pneumoniae</i>	100	100	100
67. <i>Streptococcus pneumoniae</i>	100	100	100
68. <i>Streptococcus pneumoniae</i>	100	100	100
69. <i>Streptococcus pneumoniae</i>	100	100	100
70. <i>Streptococcus pneumoniae</i>	100	100	100
71. <i>Streptococcus pneumoniae</i>	100	100	100
72. <i>Streptococcus pneumoniae</i>	100	100	100
73. <i>Streptococcus pneumoniae</i>	100	100	100
74. <i>Streptococcus pneumoniae</i>	100	100	100
75. <i>Streptococcus pneumoniae</i>	100	100	100

1000

2000-01-01

Figure 1

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

1000 000524200

Code	a	d ₁	d ₂	e	b	f	l ₁	l ₂	l ₃	l	r	Notes
CPM-XX-285-292-92	37	32	8.3	14	-4.3	292	75	-	271	8	8.3	8
CPM-XX-285-292-92	37	32	8.3	14	-4.3	300	75	125	271	8	8.3	8
CPM-XX-285-292-92	37	32	8.3	14	-4.3	292	95	262	271	8	8.3	8
CPM-XX-285-292-92	37	32	8.3	14	-4.3	300	95	272	271	8	8.3	8
CPM-XX-145-292-92	12	34	8	26	5.3	292	75	-	271	8	26	8
CPM-XX-145-292-92	12	34	8	26	5.3	300	75	125	271	8	26	8
CPM-XX-145-292-92	12	34	8	26	5.3	292	95	262	271	8	26	8
CPM-XX-145-292-92	12	34	8	26	5.3	300	95	272	271	8	26	8

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.