

齒條目錄

Contents of Racks

型號 Code	精度等級 Quality	材質 Material	右旋角 Right Hand Helix Angle	齒面處理 Teeth Treatment	齒厚公差 (μm) Tooth Thickness Tolerance (μm)	熱處理 Heat Treatment	鑽孔 Mounted Holes	模數 Module	頁碼 Page
CHTGH	DIN 5	S50C	19°31'42"	齒面研磨 Teeth Ground	-15	熱處理 HRC50-55 Hardened	Yes	M2-M3	3
CHTGH	DIN 6	S50C			-20			M1.5-M10	4
CHTGH	DIN 7	S50C / S45C			-36			M2-M6	5
CHTM	DIN 8	S50C		精銑 Milled	-87	--		M1.5-M10	6
CHTMH	DIN 10	S50C			-110	熱處理 HRC50-55 Hardened		M1.5-M10	7
MHTMQ	DIN 8	SCM440			-110	調質 HRC20-28 Quenched & Tempered		M1.5-M10	8
CSTGH	DIN 5	S50C	0°		齒面研磨 Teeth Ground	-15	熱處理 HRC50-55 Hardened	M2-M3	9
CSTGH	DIN 6	S50C		-20		M1.5-M10		10	
CSTGH	DIN 7	S50C / S45C		-36		M2-M5		11	
CSTM	DIN 8	S50C		精銑 Milled	-87	--	M1.5-M10	12	
CSTMH	DIN 10	S50C			-110	熱處理 HRC50-55 Hardened	M1.5-M10	13	
MSTMQ	DIN 8	SCM440			-110	調質 HRC20-28 Quenched & Tempered	M1.5-M10	14	



齒條 Rack

**CHTGH-020-10-DIN6**

1 2 3 4 5 6 7 8

1. 材料  
S50C 中碳鋼 /  
SCM440 中碳鉻鉬合金鋼

1. Material  
S50C Medium Carbon Steel /  
SCM440 Medium-Carbon Chromium-Molybdenum Alloy Steel

2. 齒型  
S= 直齒 / H= 斜齒

2. Type  
S=Straight / H=Helical

3. 外型  
T= 四角棒

3. Shape  
Tetragon

4. 齒面處理  
G= 齒研 / M= 精銑

4. Teeth Treatment  
G=Ground / M=Milled

5. 熱處理  
H= 高週波 / Q= 調質

5. Heat Treatment  
H=Hardened / Q=Quenched & Tempered

6. 模數  
M1.5-M10

6. Module  
M1.5-M10

7. 長度  
05=500mm / 10=1000mm  
15=1500mm / 20=2000mm

7. Length  
05=500mm / 10=1000mm  
15=1500mm / 20=2000mm

8. 精度  
DIN 5-DIN 10

8. Quality  
DIN 5-DIN 10

備註：長度、鑽孔、材質、表面處理 (噴砂、磷酸鹽、染黑、研磨) 等特殊需求，皆可客製。

Remark : Lengths, Holes, Materials, Surface Treatments(Sandblasted, Phosphated, Black oxidation, Sides ground)and other Customized Products available upon request.



斜齒齒研齒條

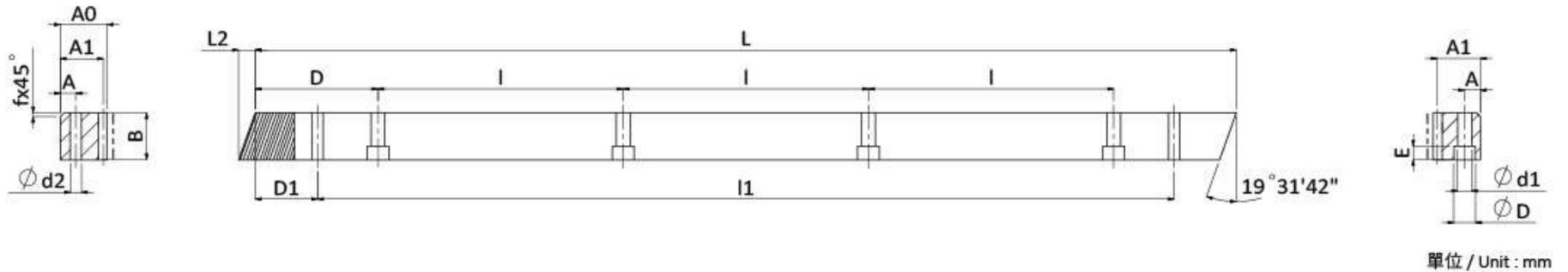
Helical Teeth, Hardened and Ground Racks

CHTGH-DIN5

材質 : S50C  
 右旋角 : 19°31'42"  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

CHTGH-DIN5

Material : S50C  
 Right Hand Helix Angle : 19°31'42"  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



Code	M	L	L2	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CHTGH02010-DIN5	2	1000.00	8.5	150	24	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.030	9.08	4.1
CHTGH03010-DIN5	3	1000.00	10.3	100	29	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.030	16.13	5.8

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

斜齒齒研齒條

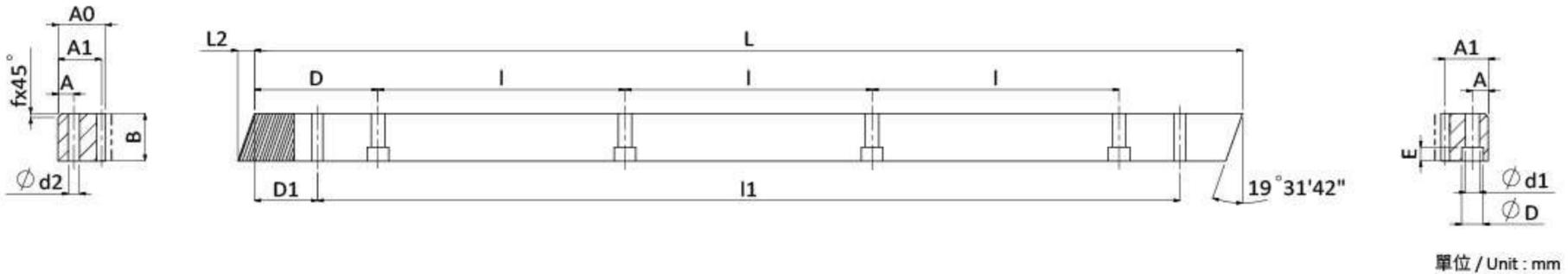
Helical Teeth, Hardened and Ground Racks

CHTGH-DIN6

材質 : S50C  
 右旋角 : 19°31'42"  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

CHTGH-DIN6

Material : S50C  
 Right Hand Helix Angle : 19°31'42"  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



單位 / Unit : mm

Code	M	L	L2	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	I1	ød2	f	Fp	kN	KG
CHTGH01505-DIN6	1.5	500.00	6.7	100	19	19	17.5	62.5	125	4	8	7	11	7	31.7	436.6	5.7	2	0.028	5.14	1.3
CHTGH01510-DIN6	1.5	1000.00	6.7	200	19	19	17.5	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.034	5.14	2.6
CHTGH02005-DIN6	2	500.00	8.5	75	24	24	22.0	62.5	125	4	8	7	11	7	31.7	436.6	5.7	2	0.032	8.82	2.1
CHTGH02010-DIN6	2	1000.00	8.5	150	24	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.036	8.82	4.1
CHTGH02020-DIN6	2	2000.00	8.5	300	24	24	22.0	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	2	0.046	8.82	8.2
CHTGH02505-DIN6	2.5	500.00	8.5	60	24	24	21.5	62.5	125	4	9	7	11	7	31.7	436.6	5.7	2	0.032	10.94	2.0
CHTGH02510-DIN6	2.5	1000.00	8.5	120	24	24	21.5	62.5	125	8	9	7	11	7	31.7	936.6	5.7	2	0.036	10.94	4.0
CHTGH02520-DIN6	2.5	2000.00	8.5	240	24	24	21.5	62.5	125	16	9	7	11	7	31.7	1936.6	5.7	2	0.046	10.94	8.0
CHTGH03005-DIN6	3	500.00	10.3	50	29	29	26.0	62.5	125	4	9	10	15	9	35.0	430.0	7.7	2	0.032	15.66	2.9
CHTGH03010-DIN6	3	1000.00	10.3	100	29	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.036	15.66	5.8
CHTGH03020-DIN6	3	2000.00	10.3	200	29	29	26.0	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	2	0.046	15.66	11.6
CHTGH04005-DIN6	4	506.67	13.8	38	39	39	35.0	62.5	125	4	12	10	15	9	33.3	433.0	7.7	2	0.036	28.26	5.4
CHTGH04010-DIN6	4	1000.00	13.8	75	39	39	35.0	62.5	125	8	12	10	15	9	33.3	933.4	7.7	2	0.040	28.26	10.8
CHTGH04020-DIN6	4	2000.00	13.8	150	39	39	35.0	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	2	0.048	28.26	21.6
CHTGH05005-DIN6	5	500.00	17.4	30	49	49	34.0	62.5	125	4	12	14	20	13	37.5	425.0	11.7	3	0.036	45.27	6.5
CHTGH05010-DIN6	5	1000.00	17.4	60	49	49	34.0	62.5	125	8	12	14	20	13	37.5	925.0	11.7	3	0.040	45.27	13.1
CHTGH05020-DIN6	5	2000.00	17.4	120	49	49	34.0	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	3	0.048	45.27	26.0
CHTGH06005-DIN6	6	500.00	20.9	25	59	59	43.0	62.5	125	4	16	18	26	17	37.5	425.0	15.7	3	0.036	66.24	9.4
CHTGH06010-DIN6	6	1000.00	20.9	50	59	59	43.0	62.5	125	8	16	18	26	17	37.5	925.0	15.7	3	0.040	66.24	18.8
CHTGH06020-DIN6	6	2000.00	20.9	100	59	59	43.0	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	3	0.048	66.24	37.5
CHTGH08005-DIN6	8	480.00	28.0	18	79	79	71.0	60.0	120	4	25	22	33	21	120.0	240.0	19.7	4	0.036	117.68	20.5
CHTGH08010-DIN6	8	960.00	28.0	36	79	79	71.0	60.0	120	8	25	22	33	21	120.0	720.0	19.7	4	0.040	117.68	41.0
CHTGH08020-DIN6	8	1920.00	28.0	72	79	79	71.0	60.0	120	16	25	22	33	21	120.0	1680.0	19.7	4	0.048	117.68	82.0
CHTGH10005-DIN6	10	500.00	35.1	15	99	99	89.0	62.5	125	4	32	33	48	32	125.0	250.0	19.7	5	0.040	184.35	31.5
CHTGH10010-DIN6	10	1000.00	35.1	30	99	99	89.0	62.5	125	8	32	33	48	32	125.0	750.0	19.7	5	0.044	184.35	63.0

M: 模數 / Z: 齒數 / N: 孔數 / Fp: 總節距誤差 / kN: 最大進給力

M: Module / Z: No. of Teeth / N: No. of Holes / Fp: Total Pitch Error / kN: Max Feed Force

備註:  
 • 重量僅供參考。

Remark:  
 • Weight for reference only.

斜齒齒研齒條

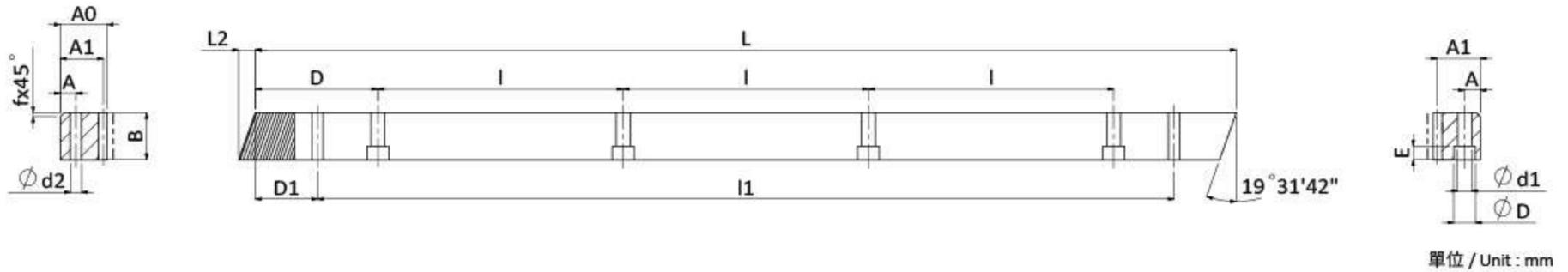
Helical Teeth, Hardened and Ground Racks

CHTGH-DIN7

材質 : S50C / S45C  
 右旋角 : 19°31'42"  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

CHTGH-DIN7

Material : S50C / S45C  
 Right Hand Helix Angle : 19°31'42"  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



單位 / Unit : mm

Code	M	L	L2	Z	B	A0	A1	D	l	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CHTGH02010-DIN7	2	1000.00	8.5	150	24	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.052	8.11	4.1
CHTGH02020-DIN7	2	2000.00	8.5	300	24	24	22.0	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	2	0.068	8.11	8.2
CHTGH03010-DIN7	3	1000.00	10.3	100	29	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.052	14.38	5.8
CHTGH03020-DIN7	3	2000.00	10.3	200	29	29	26.0	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	2	0.068	14.38	11.6
CHTGH04010-DIN7	4	1000.00	13.8	75	39	39	35.0	62.5	125	8	12	10	15	9	33.3	933.4	7.7	2	0.052	25.79	10.8
CHTGH04020-DIN7	4	2000.00	13.8	150	39	39	35.0	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	2	0.068	25.79	21.6
CHTGH05010-DIN7	5	1000.00	17.4	60	49	39	34.0	62.5	125	8	12	14	20	13	37.5	925.0	11.7	3	0.052	41.37	13.1
CHTGH05020-DIN7	5	2000.00	17.4	120	49	39	34.0	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	3	0.068	41.37	26.0
CHTGH06010-DIN7	6	1000.00	20.9	50	59	49	43.0	62.5	125	8	16	18	26	17	37.5	925.0	15.7	3	0.052	60.42	18.8
CHTGH06020-DIN7	6	2000.00	20.9	100	59	49	43.0	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	3	0.068	60.42	37.5

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

斜齒精銑齒條

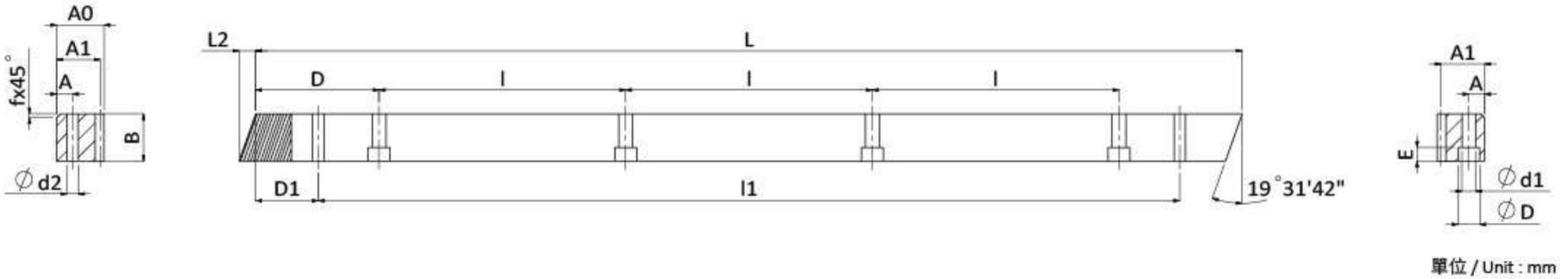
Helical Teeth, Milled Racks

CHTM-DIN8

材質 : S50C  
 右旋角 : 19°31'42"  
 精銑

CHTM-DIN8

Material : S50C  
 Right Hand Helix Angle : 19°31'42"  
 Milled



單位 / Unit : mm

Code	M	L	L2	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	I1	ød2	f	Fp	kN	KG
CHTM01510-DIN8	1.5	1000.00	6.0	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	1.5	0.060	0.76	2.6
CHTM02010-DIN8	2	1000.00	8.9	150	25	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.060	1.53	4.1
CHTM02020-DIN8	2	2000.00	8.9	300	25	24	22.0	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	2	0.078	1.53	8.2
CHTM03010-DIN8	3	1000.00	10.6	100	30	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.060	2.68	5.8
CHTM03020-DIN8	3	2000.00	10.6	200	30	29	26.0	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	2	0.078	2.68	11.6
CHTM04010-DIN8	4	1000.00	14.2	75	40	39	35.0	62.5	125	8	12	10	15	9	33.3	933.4	7.7	2	0.060	4.77	10.8
CHTM04020-DIN8	4	2000.00	14.2	150	40	39	35.0	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	2	0.078	4.77	21.6
CHTM05010-DIN8	5	1000.00	17.4	60	49	39	34.0	62.5	125	8	12	14	20	13	37.5	925.0	11.7	3	0.060	7.45	13.1
CHTM05020-DIN8	5	2000.00	17.4	120	49	39	34.0	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	3	0.078	7.45	26.0
CHTM06010-DIN8	6	1000.00	20.9	50	59	49	43.0	62.5	125	8	16	18	26	17	37.5	925.0	15.7	3	0.060	10.89	18.8
CHTM06020-DIN8	6	2000.00	20.9	100	59	49	43.0	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	3	0.078	10.89	37.5
CHTM08010-DIN8	8	960.00	28.0	36	79	79	71.0	60.0	120	8	25	22	33	21	120.0	720.0	19.7	4	0.060	19.45	41.0
CHTM08020-DIN8	8	1920.00	28.0	72	79	79	71.0	60.0	120	16	25	22	33	21	120.0	1680.0	19.7	4	0.078	19.45	82.0
CHTM10010-DIN8	10	1000.00	35.1	30	99	99	89.0	62.5	125	8	32	33	48	32	125.0	750.0	19.7	5	0.060	30.46	63.0

M: 模數 / Z: 齒數 / N: 孔數 / Fp: 總節距誤差 / kN: 最大進給力

M: Module / Z: No. of Teeth / N: No. of Holes / Fp: Total Pitch Error / kN: Max Feed Force

備註：  
 • 重量僅供參考。

Remark：  
 • Weight for reference only.

斜齒硬化齒條

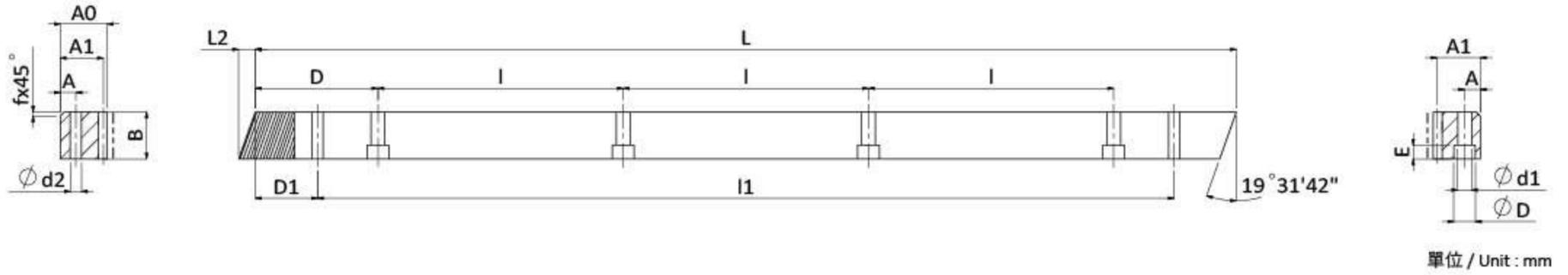
Helical Teeth, Milled and Hardened Racks

CHTMH-DIN10

材質 : S50C  
 右旋角 : 19°31'42"  
 高週波 : 硬度 HRC50-55  
 精銑, 表面噴砂

CHTMH-DIN10

Material : S50C  
 Right Hand Helix Angle : 19°31'42"  
 Hardened : Hardness HRC50-55  
 Milled, Teeth Hardened and Sandblasted



單位 / Unit : mm

Code	M	L	L2	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	I1	ød2	f	Fp	kN	KG
CHTMH01510-DIN10	1.5	1000.00	6.0	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	1.5	0.200	3.37	2.6
CHTMH02010-DIN10	2	1000.00	8.5	150	24	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.200	6.48	4.1
CHTMH02020-DIN10	2	2000.00	8.5	300	24	24	22.0	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	2	0.400	6.48	8.2
CHTMH03010-DIN10	3	1000.00	10.3	100	29	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.200	11.51	5.8
CHTMH03020-DIN10	3	2000.00	10.3	200	29	29	26.0	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	2	0.400	11.51	11.6
CHTMH04010-DIN10	4	1000.00	13.8	75	39	39	35.0	62.5	125	8	12	10	15	9	33.3	933.4	7.7	2	0.200	20.63	10.8
CHTMH04020-DIN10	4	2000.00	13.8	150	39	39	35.0	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	2	0.400	20.63	21.6
CHTMH05010-DIN10	5	1000.00	17.4	60	49	49	34.0	62.5	125	8	12	14	20	13	37.5	925.0	11.7	3	0.200	33.10	13.1
CHTMH05020-DIN10	5	2000.00	17.4	120	49	49	34.0	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	3	0.400	33.10	26.0
CHTMH06010-DIN10	6	1000.00	20.9	50	59	59	43.0	62.5	125	8	16	18	26	17	37.5	925.0	15.7	3	0.200	48.34	18.8
CHTMH06020-DIN10	6	2000.00	20.9	100	59	59	43.0	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	3	0.400	48.34	37.5
CHTMH08010-DIN10	8	960.00	28.0	36	79	79	71.0	60.0	120	8	25	22	33	21	120.0	720.0	19.7	4	0.200	86.30	41.0
CHTMH08020-DIN10	8	1920.00	28.0	72	79	79	71.0	60.0	120	16	25	22	33	21	120.0	1680.0	19.7	4	0.400	86.30	82.0
CHTMH10010-DIN10	10	1000.00	35.1	30	99	99	89.0	62.5	125	8	32	33	48	32	125.0	750.0	19.7	5	0.200	135.18	63.0

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

斜齒精銑調質齒條

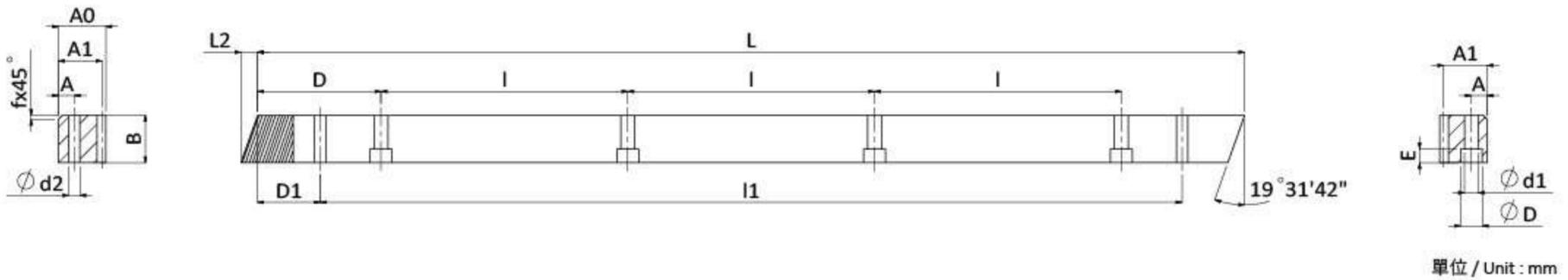
Helical Teeth, Quenched & Tempered Milled Racks

MHTMQ-DIN8

材質 : SCM440  
 右旋角 : 19°31'42"  
 調質 : 硬度 HRC20-28  
 精銑

MHTMQ-DIN8

Material : SCM440  
 Right Hand Helix Angle : 19°31'42"  
 Quenched & Tempered : Hardness HRC20-28  
 Milled



單位 / Unit : mm

Code	M	L	L2	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
MHTMQ01510-DIN8	1.5	1000.00	6.0	200	17	17	15.5	62.5	125	8	7	6	9.5	7	31.7	936.6	5.7	1.5	0.100	1.21	2.6
MHTMQ02010-DIN8	2	1000.00	8.9	150	25	24	22.0	62.5	125	8	8	7	11	7	31.7	936.6	5.7	2	0.100	2.43	4.1
MHTMQ02020-DIN8	2	2000.00	8.9	300	25	24	22.0	62.5	125	16	8	7	11	7	31.7	1936.6	5.7	2	0.200	2.43	8.2
MHTMQ03010-DIN8	3	1000.00	10.6	100	30	29	26.0	62.5	125	8	9	10	15	9	35.0	930.0	7.7	2	0.100	4.28	5.8
MHTMQ03020-DIN8	3	2000.00	10.6	200	30	29	26.0	62.5	125	16	9	10	15	9	35.0	1930.0	7.7	2	0.200	4.28	11.6
MHTMQ04010-DIN8	4	1000.00	14.2	75	40	39	35.0	62.5	125	8	12	10	15	9	33.3	933.4	7.7	2	0.100	7.59	10.8
MHTMQ04020-DIN8	4	2000.00	14.2	150	40	39	35.0	62.5	125	16	12	10	15	9	33.3	1933.4	7.7	2	0.200	7.59	21.6
MHTMQ05010-DIN8	5	1000.00	17.4	60	49	39	34.0	62.5	125	8	12	14	20	13	37.5	925.0	11.7	3	0.100	11.87	13.1
MHTMQ05020-DIN8	5	2000.00	17.4	120	49	39	34.0	62.5	125	16	12	14	20	13	37.5	1925.0	11.7	3	0.200	11.87	26.0
MHTMQ06010-DIN8	6	1000.00	20.9	50	59	49	43.0	62.5	125	8	16	18	26	17	37.5	925.0	15.7	3	0.100	17.34	18.8
MHTMQ06020-DIN8	6	2000.00	20.9	100	59	49	43.0	62.5	125	16	16	18	26	17	37.5	1925.0	15.7	3	0.200	17.34	37.5
MHTMQ08010-DIN8	8	960.00	28.0	36	79	79	71.0	60.0	120	8	25	22	33	21	120.0	720.0	19.7	4	0.100	30.95	41.0
MHTMQ08020-DIN8	8	1920.00	28.0	72	79	79	71.0	60.0	120	16	25	22	33	21	120.0	1680.0	19.7	4	0.200	30.95	82.0
MHTMQ10010-DIN8	10	1000.00	35.1	30	99	99	89.0	62.5	125	8	32	33	48	32	125.0	750.0	19.7	5	0.100	48.47	63.0

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

直齒齒研齒條

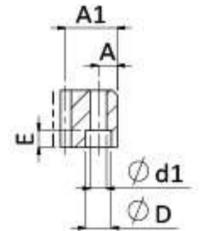
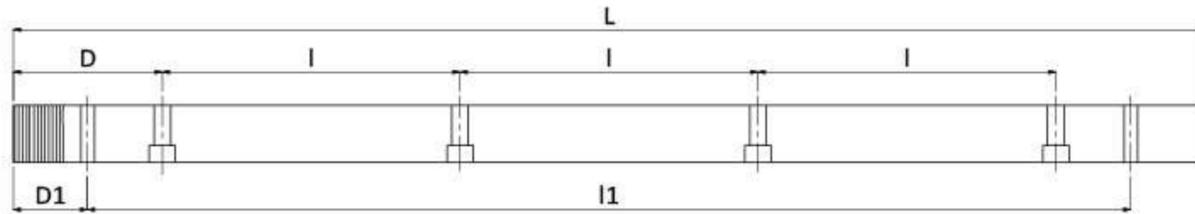
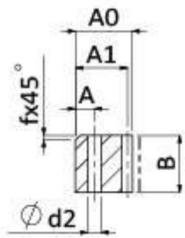
Straight Teeth, Hardened and Ground Racks

**CSTGH-DIN5**

材質 : S50C  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

**CSTGH-DIN5**

Material : S50C  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	l	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CSTGH02010-DIN5	2	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.030	7.09	4.2
CSTGH03010-DIN5	3	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.030	12.59	6.2

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

直齒齒研齒條

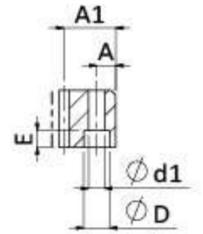
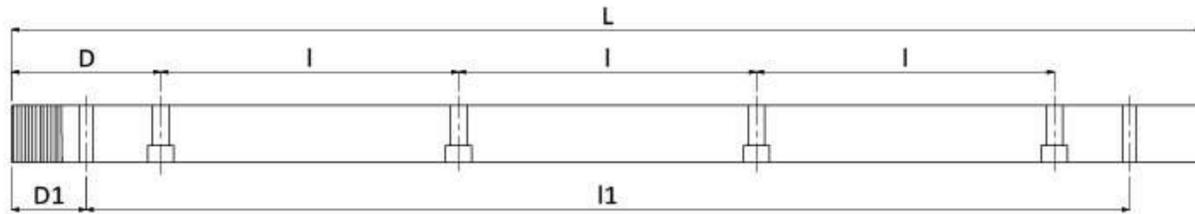
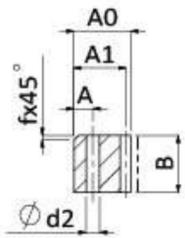
Straight Teeth, Hardened and Ground Racks

CSTGH-DIN6

材質 : S50C  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

CSTGH-DIN6

Material : S50C  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	l	N <sup>o</sup>	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CSTGH01505-DIN6	1.5	499.51	106	19	19	17.5	62.44	124.88	4	8	7	11	7	29.0	441.50	5.7	2	0.028	4.00	1.3
CSTGH01510-DIN6	1.5	999.03	212	19	19	17.5	62.44	124.88	8	8	7	11	7	29.0	941.00	5.7	2	0.034	4.00	2.6
CSTGH02005-DIN6	2	502.65	80	24	24	22	62.83	125.66	4	8	7	11	7	31.3	440.10	5.7	2	0.032	6.88	2.1
CSTGH02010-DIN6	2	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.036	6.88	4.2
CSTGH02020-DIN6	2	2010.62	320	24	24	22	62.83	125.66	16	8	7	11	7	31.3	1948.00	5.7	2	0.046	6.88	8.4
CSTGH02505-DIN6	2.5	502.65	64	24	24	21.5	62.83	125.66	4	9	7	11	7	31.3	440.10	5.7	2	0.032	8.52	2.0
CSTGH02510-DIN6	2.5	1005.31	128	24	24	21.5	62.83	125.66	8	9	7	11	7	31.3	942.70	5.7	2	0.036	8.52	4.0
CSTGH02520-DIN6	2.5	2010.62	256	24	24	21.5	62.83	125.66	16	9	7	11	7	31.3	1948.00	5.7	2	0.046	8.52	8.0
CSTGH03005-DIN6	3	508.94	54	29	29	26	63.62	127.23	4	9	10	15	9	34.4	440.10	7.7	2	0.032	12.22	3.1
CSTGH03010-DIN6	3	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.036	12.22	6.2
CSTGH03020-DIN6	3	2035.75	216	29	29	26	63.62	127.23	16	9	10	15	9	34.4	1967.00	7.7	2	0.046	12.22	12.4
CSTGH04005-DIN6	4	502.65	40	39	39	35	62.83	125.66	4	12	10	15	9	37.5	427.70	7.7	2	0.036	21.92	5.3
CSTGH04010-DIN6	4	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.30	7.7	2	0.040	21.92	10.6
CSTGH04020-DIN6	4	2010.62	160	39	39	35	62.83	125.66	16	12	10	15	9	37.5	1935.60	7.7	2	0.048	21.92	21.2
CSTGH05005-DIN6	5	502.65	32	49	49	34	62.83	125.66	4	12	14	20	13	30.1	442.40	11.7	3	0.036	35.15	6.3
CSTGH05010-DIN6	5	1005.31	64	49	49	34	62.83	125.66	8	12	14	20	13	30.1	945.00	11.7	3	0.040	35.15	12.6
CSTGH05020-DIN6	5	2010.62	128	49	49	34	62.83	125.66	16	12	14	20	13	30.1	1950.40	11.7	3	0.048	35.15	25.2
CSTGH06005-DIN6	6	508.94	27	59	59	43	63.62	127.23	4	16	18	26	17	31.4	446.10	15.7	3	0.036	51.35	9.8
CSTGH06010-DIN6	6	1017.88	54	59	59	43	63.62	127.23	8	16	18	26	17	31.4	955.00	15.7	3	0.040	51.35	19.6
CSTGH06020-DIN6	6	2035.75	108	59	59	43	63.62	127.23	16	16	18	26	17	31.4	1973.00	15.7	3	0.048	51.35	39.2
CSTGH08005-DIN6	8	502.65	20	79	79	71	62.83	125.66	4	25	22	33	21	26.6	449.45	19.7	4	0.036	91.66	21.0
CSTGH08010-DIN6	8	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.00	19.7	4	0.040	91.66	42.0
CSTGH08020-DIN6	8	2010.61	80	79	79	71	62.83	125.66	16	25	22	33	21	26.6	1957.40	19.7	4	0.048	91.66	84.0
CSTGH10010-DIN6	10	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.66	754.00	19.7	5	0.044	143.59	66.1

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

直齒齒研齒條

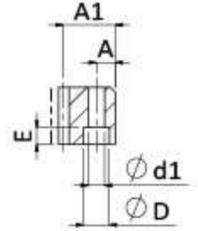
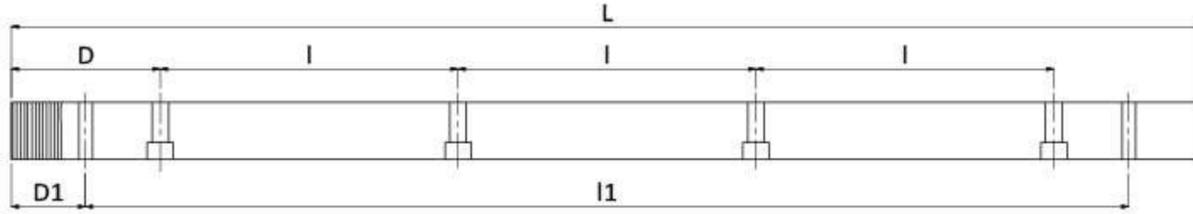
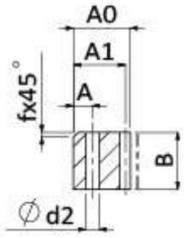
Straight Teeth, Hardened and Ground Racks

**CSTGH-DIN7**

材質 : S50C / S45C  
 高週波 : 硬度 HRC50-55  
 硬化處理後四面研磨與齒面研磨

**CSTGH-DIN7**

Material : S50C / S45C  
 Hardened : Hardness HRC50-55  
 Teeth Hardened and Ground  
 Ground on all sides after Hardening



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CSTGH02010-DIN7	2	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.052	5.65	4.2
CSTGH02020-DIN7	2	2010.62	320	24	24	22	62.83	125.66	16	8	7	11	7	31.3	1948.00	5.7	2	0.068	5.65	8.4
CSTGH03010-DIN7	3	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.052	10.01	6.2
CSTGH03020-DIN7	3	2035.75	216	29	29	26	63.62	127.23	16	9	10	15	9	34.4	1967.00	7.7	2	0.068	10.01	12.4
CSTGH04010-DIN7	4	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.30	7.7	2	0.052	17.95	10.6
CSTGH04020-DIN7	4	2010.62	160	39	39	35	62.83	125.66	16	12	10	15	9	37.5	1935.60	7.7	2	0.068	17.95	21.2
CSTGH05010-DIN7	5	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.00	11.7	3	0.052	28.78	12.6
CSTGH05020-DIN7	5	2010.62	128	49	39	34	62.83	125.66	16	12	14	20	13	30.1	1950.40	11.7	3	0.068	28.78	25.2

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

直齒精銑齒條

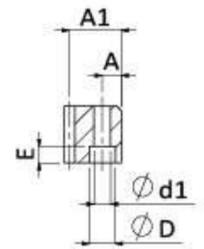
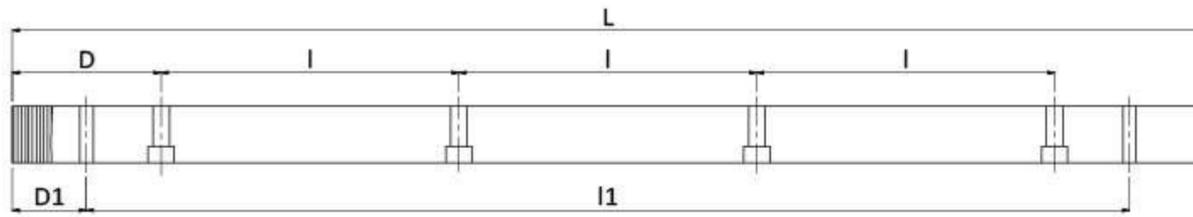
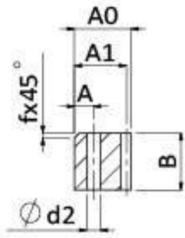
Straight Teeth, Milled Racks

CSTM-DIN8

材質：S50C  
精銑

CSTM-DIN8

Material：S50C  
Milled



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	I	N <sup>o</sup>	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CSTM01510-DIN8	1.5	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29.0	941.00	5.7	1.5	0.060	0.41	2.6
CSTM02010-DIN8	2	1005.31	160	25	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.060	0.83	4.2
CSTM02020-DIN8	2	2010.62	320	25	24	22	62.83	125.66	16	8	7	11	7	31.3	1948.00	5.7	2	0.078	0.83	8.4
CSTM03010-DIN8	3	1017.88	108	30	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.060	1.45	6.2
CSTM03020-DIN8	3	2035.75	216	30	29	26	63.62	127.23	16	9	10	15	9	34.4	1967.00	7.7	2	0.078	1.45	12.4
CSTM04010-DIN8	4	1005.31	80	40	39	35	62.83	125.66	8	12	10	15	9	37.5	930.30	7.7	2	0.060	2.58	10.6
CSTM04020-DIN8	4	2010.62	160	40	39	35	62.83	125.66	16	12	10	15	9	37.5	1935.60	7.7	2	0.078	2.58	21.2
CSTM05010-DIN8	5	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.00	11.7	3	0.060	4.03	12.6
CSTM05020-DIN8	5	2010.62	128	49	39	34	62.83	125.66	16	12	14	20	13	30.1	1950.40	11.7	3	0.078	4.03	25.2
CSTM06010-DIN8	6	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.00	15.7	3	0.060	5.89	19.6
CSTM06020-DIN8	6	2035.75	108	59	49	43	63.62	127.23	16	16	18	26	17	31.4	1973.00	15.7	3	0.078	5.89	39.2
CSTM08010-DIN8	8	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.00	19.7	4	0.060	10.52	42.0
CSTM08020-DIN8	8	2010.61	80	79	79	71	62.83	125.66	16	25	22	33	21	26.6	1957.40	19.7	4	0.078	10.52	84.0
CSTM10010-DIN8	10	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.66	754.00	19.7	5	0.060	16.48	42.0

M: 模數 / Z: 齒數 / N: 孔數 / Fp: 總節距誤差 / kN: 最大進給力

M: Module / Z: No. of Teeth / N: No. of Holes / Fp: Total Pitch Error / kN: Max Feed Force

備註：  
• 重量僅供參考。

Remark：  
• Weight for reference only.

直齒硬化齒條

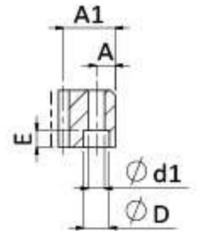
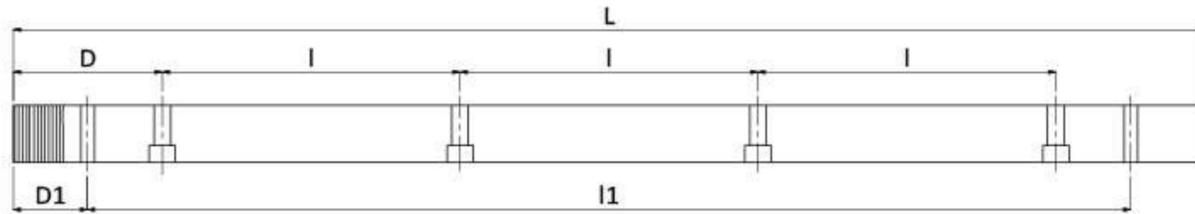
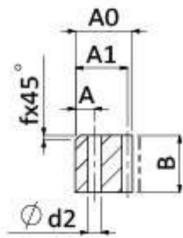
Straight Teeth, Milled and Hardened Racks

**CSTMH-DIN10**

材質 : S50C  
 高週波 : 硬度 HRC50-55  
 精銑, 表面噴砂

**CSTMH-DIN10**

Material : S50C  
 Hardened : Hardness HRC50-55  
 Milled, Teeth Hardened and Sandblasted



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	I	N°	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
CSTMH01510-DIN10	1.5	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29.0	941.00	5.7	1.5	0.200	2.35	2.6
CSTMH02010-DIN10	2	1005.31	160	24	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.200	4.52	4.2
CSTMH02020-DIN10	2	2010.62	320	24	24	22	62.83	125.66	16	8	7	11	7	31.3	1948.00	5.7	2	0.400	4.52	8.4
CSTMH03010-DIN10	3	1017.88	108	29	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.200	8.01	6.2
CSTMH03020-DIN10	3	2035.75	216	29	29	26	63.62	127.23	16	9	10	15	9	34.4	1967.00	7.7	2	0.400	8.01	12.4
CSTMH04010-DIN10	4	1005.31	80	39	39	35	62.83	125.66	8	12	10	15	9	37.5	930.30	7.7	2	0.200	14.36	10.6
CSTMH04020-DIN10	4	2010.62	160	39	39	35	62.83	125.66	16	12	10	15	9	37.5	1935.60	7.7	2	0.400	14.36	21.2
CSTMH05010-DIN10	5	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.00	11.7	3	0.200	23.03	12.6
CSTMH05020-DIN10	5	2010.62	128	49	39	34	62.83	125.66	16	12	14	20	13	30.1	1950.40	11.7	3	0.400	23.03	25.2
CSTMH06010-DIN10	6	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.00	15.7	3	0.200	33.64	19.6
CSTMH06020-DIN10	6	2035.75	108	59	49	43	63.62	127.23	16	16	18	26	17	31.4	1973.00	15.7	3	0.400	33.64	39.2
CSTMH08010-DIN10	8	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.00	19.7	4	0.200	60.05	42.0
CSTMH10010-DIN10	10	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.66	754.00	19.7	5	0.200	94.07	66.1

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

Remark :  
 • Weight for reference only.

直齒精銑調質齒條

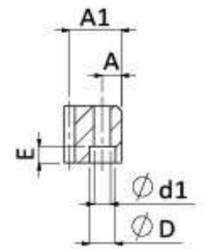
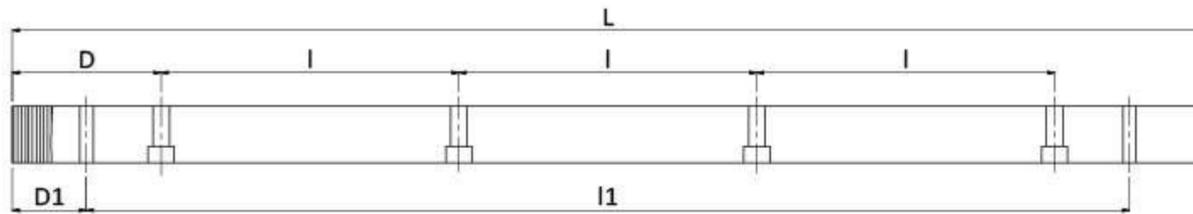
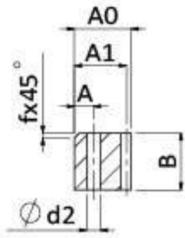
Straight Teeth, Quenched & Tempered Milled Racks

MSTMQ-DIN8

材質 : SCM440  
 調質 : 硬度 HRC20-28  
 精銑

MSTMQ-DIN8

Material : SCM440  
 Quenched & Tempered : Hardness HRC20-28  
 Milled



單位 / Unit : mm

Code	M	L	Z	B	A0	A1	D	l	N <sup>o</sup>	A	ød1	øD	E	D1	l1	ød2	f	Fp	kN	KG
MSTMQ01510-DIN8	1.5	999.03	212	17	17	15.5	62.44	124.88	8	7	6	9.5	7	29.0	941.00	5.7	1.5	0.100	0.66	2.6
MSTMQ02010-DIN8	2	1005.31	160	25	24	22	62.83	125.66	8	8	7	11	7	31.3	942.70	5.7	2	0.100	1.31	4.2
MSTMQ02020-DIN8	2	2010.62	320	25	24	22	62.83	125.66	16	8	7	11	7	31.3	1948.00	5.7	2	0.200	1.31	8.4
MSTMQ03010-DIN8	3	1017.88	108	30	29	26	63.62	127.23	8	9	10	15	9	34.4	949.10	7.7	2	0.100	2.31	6.2
MSTMQ03020-DIN8	3	2035.75	216	30	29	26	63.62	127.23	16	9	10	15	9	34.4	1967.00	7.7	2	0.200	2.31	12.4
MSTMQ04010-DIN8	4	1005.31	80	40	39	35	62.83	125.66	8	12	10	15	9	37.5	930.30	7.7	2	0.100	4.11	10.6
MSTMQ04020-DIN8	4	2010.62	160	40	39	35	62.83	125.66	16	12	10	15	9	37.5	1935.60	7.7	2	0.200	4.11	21.2
MSTMQ05010-DIN8	5	1005.31	64	49	39	34	62.83	125.66	8	12	14	20	13	30.1	945.00	11.7	3	0.100	6.42	12.6
MSTMQ05020-DIN8	5	2010.62	128	49	39	34	62.83	125.66	16	12	14	20	13	30.1	1950.40	11.7	3	0.200	6.42	25.2
MSTMQ06010-DIN8	6	1017.88	54	59	49	43	63.62	127.23	8	16	18	26	17	31.4	955.00	15.7	3	0.100	9.37	19.6
MSTMQ06020-DIN8	6	2035.75	108	59	49	43	63.62	127.23	16	16	18	26	17	31.4	1973.00	15.7	3	0.200	9.37	39.2
MSTMQ08010-DIN8	8	1005.31	40	79	79	71	62.83	125.66	8	25	22	33	21	26.6	952.00	19.7	4	0.100	16.73	42.0
MSTMQ08020-DIN8	8	2010.61	80	79	79	71	62.83	125.66	16	25	22	33	21	26.6	1957.40	19.7	4	0.200	16.73	84.0
MSTMQ10010-DIN8	10	1005.31	32	99	99	89	62.83	125.66	8	32	33	48	32	125.66	754.00	19.7	5	0.100	26.22	66.1

M : 模數 / Z : 齒數 / N : 孔數 / Fp : 總節距誤差 / kN : 最大進給力

M : Module / Z : No. of Teeth / N : No. of Holes / Fp : Total Pitch Error / kN : Max Feed Force

備註：  
 • 重量僅供參考。

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