



Best aid
SAFEMATE

ISO-9001

VQV

MOST SUITABLE FOR VERTICAL MACHINE CENTER, MILLING MACHINE

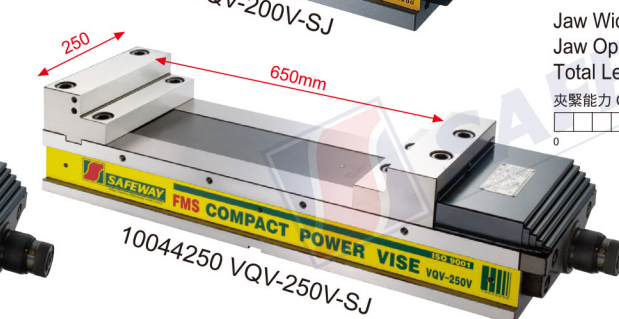
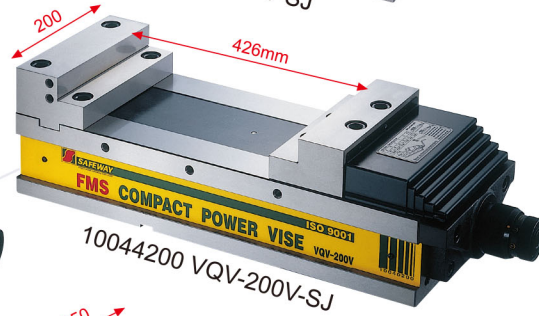
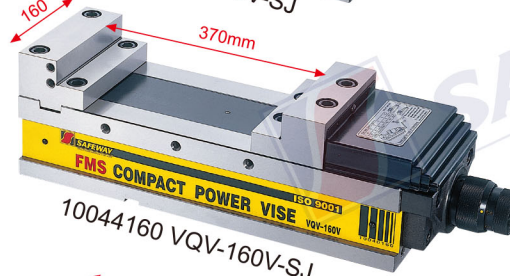
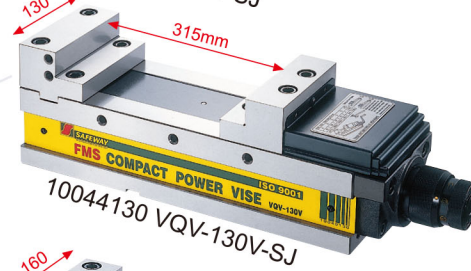
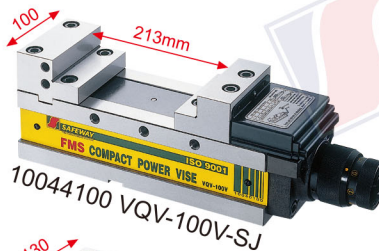
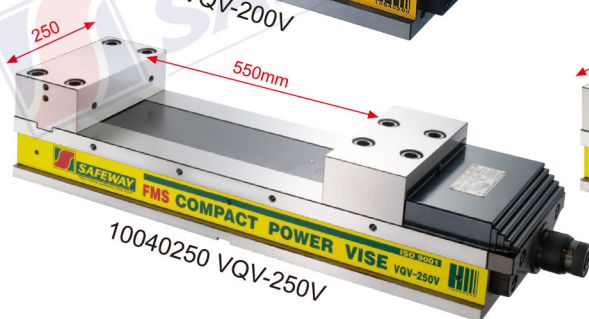
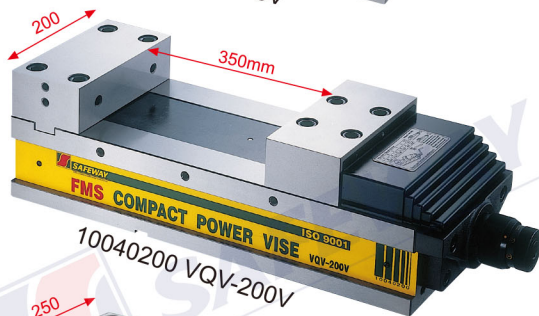
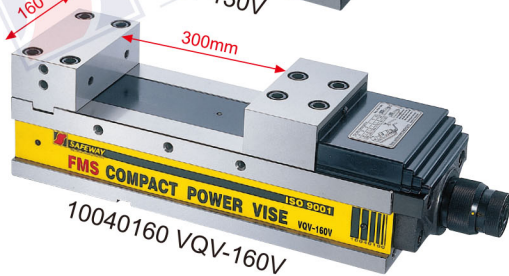
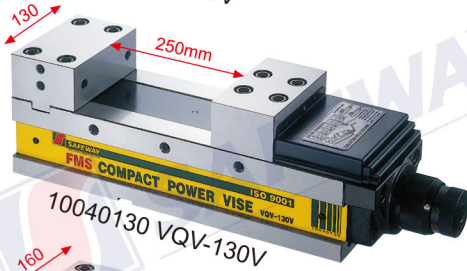
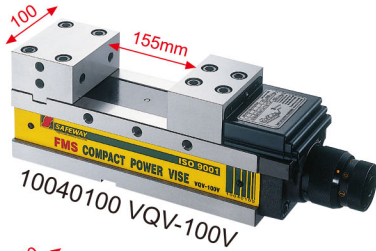
最適合立式綜合切削加工機，銑床使用

FMS · Power

彈性化 / 高倍力型

MODEL • 10040100 VQV-100V • 10040200 VQV-200V
• 10040130 VQV-130V • 10040250 VQV-250V
• 10040160 VQV-160V

MODEL • 10044100 VQV-100V-SJ • 10044200 VQV-200V-SJ
• 10044130 VQV-130V-SJ • 10044250 VQV-250V-SJ
• 10044160 VQV-160V-SJ



High Power
Soft Drive-Handle
工件夾緊力超大
把手旋轉力超軟

Jaw Width/口金寬度: 100
Jaw Opening/最大開口: 155/213
Total Length/總長度: 406
夾緊能力 Clamp force (KN)
0 50 100 KN

Jaw Width/口金寬度: 130
Jaw Opening/最大開口: 250/315
Total Length/總長度: 516
夾緊能力 Clamp force (KN)
0 50 100 KN

Jaw Width/口金寬度: 160
Jaw Opening/最大開口: 300/370
Total Length/總長度: 581
夾緊能力 Clamp force (KN)
0 50 100 KN

Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 350/426
Total Length/總長度: 661
夾緊能力 Clamp force (KN)
0 50 100 KN

Jaw Width/口金寬度: 250
Jaw Opening/最大開口: 550/650
Total Length/總長度: 911
夾緊能力 Clamp force (KN)
0 50 100 KN

高倍力機械增壓夾緊力大且穩定，適用於超重切削精密加工

Unit: mm

Order NO. 訂購編號	Model 型號	Jaw Width 口金寬度	Jaw Height 口金高度	Jaw Opening J (J1) 開口範圍 J (J1)	Vise Height 虎鉗高度	Total Height 全高	Total Length 全長	Limit. Pressure 最大夾緊力	Remark 備註
10040100	VQV-100V	100	45	155	85	130	406	41KN(4018kgf)	
10040130	VQV-130V	130	52	250	95	147	516	45KN(4410kgf)	
10040160	VQV-160V	160	55	300	105	160	581	54KN(5292kgf)	
10040200	VQV-200V	200	60	350	110	170	661	66KN(6468kgf)	
10040250	VQV-250V	250	78	550	115	193	911	70KN(6860kgf)	
10044100	VQV-100V-SJ	100	45	213	85	130	406	41KN(4018kgf)	
10044130	VQV-130V-SJ	130	52	315	95	147	516	45KN(4410kgf)	
10044160	VQV-160V-SJ	160	55	370	105	160	581	54KN(5292kgf)	
10044200	VQV-200V-SJ	200	60	426	110	170	661	66KN(6468kgf)	
10044250	VQV-250V-SJ	250	78	650	115	193	911	70KN(6860kgf)	



Best aid
SAFEWAY

ISO-9001

VQV

FMS COMPACT POWER VISE

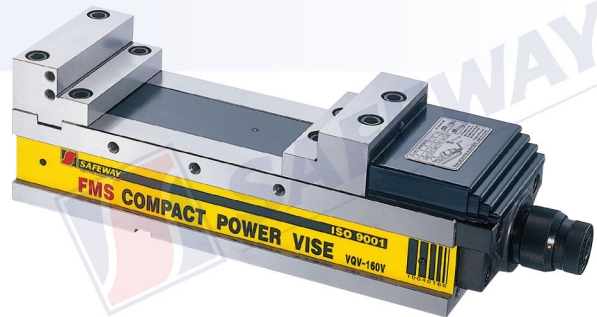
FMS彈性化 / 肯倍得式精密高倍力機械增壓虎鉗

FEATURES :

- Max. opening capacity and compact in total length. Particularly suitable for machining centers.
- Clamping system: Mechanical power.
- Drive spindle with clamping force presetting and stopper mechanism device.
- Rigid material-ductile iron FCD600 JIS (Equal to GGG-60) with 60kgs/mm² or 80,000psi tensile strength.
- Vise bed flame hardened to HRC45° and up takes up wear and maintain accuracy for long.
- Stationary jaw and movable jaw are hardened HRC55° with grinding.
- Stationary jaw and movable jaw are easy to shift on the clamping slide.
- Chip cover adopt on each vise for preventing chips falling into lead-screw and inside of vise.

特性：

- 角固式肯倍得式精密倍力機械增壓虎鉗，適用立、臥式綜合切削加工機做精密切削加工。並設計有夾持力顯示功能，可知夾持力之大小。
- 夾緊系統：高倍力式 / 機械增壓。
- 高倍力式機構可隨時設定夾持力大小，且重覆多次使用皆保持相同夾持力，及一致精度，並設計有夾持力過負荷保護裝置。
- 強而有力材質~虎鉗本台使用高抗張拉力球狀石墨鑄鐵 (FCD600~60kgs/mm²) (80,000psi) 抗張力強，不易變形。
- 虎鉗本台滑動面均經硬化熱處理HRC45°以上，可保持長久耐磨性及精度。
- 固定口金，活動口金鋼製熱處理HRC55°以上，並經精密研磨。(容易拆裝)
- 虎鉗防屑設計，以防止加工鐵屑傾入傳動螺桿及虎鉗內部，不易清除。



Optional Accessories

Step Jaw (HRC55°)

特殊附件

階梯口金-鋼製研磨(HRC55°)

Order NO. 訂購編號	Model 型號	J1	M
10044100	VQV-100V-SJ	213	25
10044130	VQV-130V-SJ	315	30
10044160	VQV-160V-SJ	370	30
10044200	VQV-200V-SJ	426	30
10044250	VQV-250V-SJ	650	40

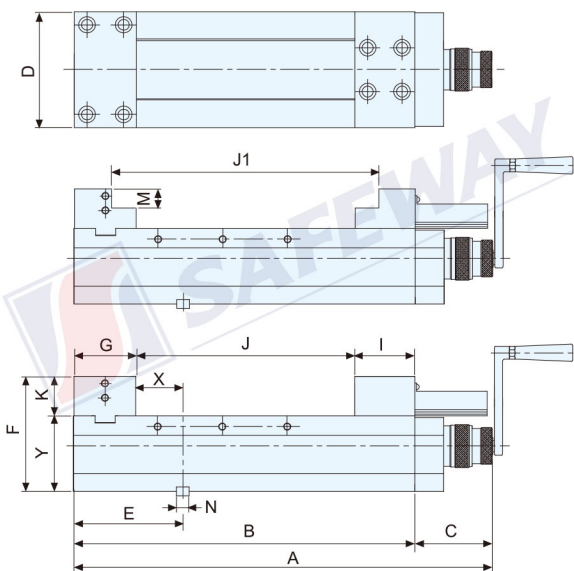
Standard Accessories

1. Handle x 1 pc
2. Guide key x 2 pcs
M6 x 10L x 2 pcs
3. Vise locked block x 4 pcs
4. Chip cover x 1 set

標準附件

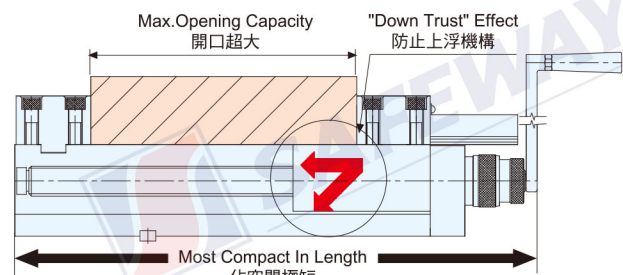
1. 把手一組
2. 導正鍵 x 2只
螺絲 x 2只 (M6 x 10L)
3. 虎鉗固定塊 x 4只
4. 虎鉗防屑蓋

DIMENSIONS / 尺寸圖

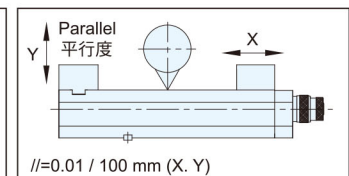
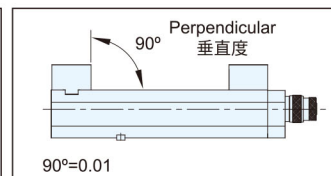
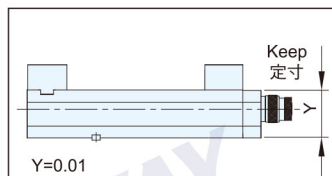
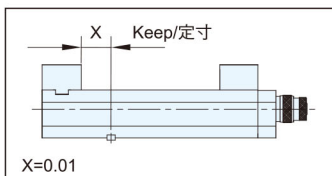


STEP JAW / 階梯口金 (Optional / 特殊附件)

- 10044100 VQV-100V-SJ
- 10044130 VQV-130V-SJ
- 10044160 VQV-160V-SJ
- 10044200 VQV-200V-SJ
- 10044250 VQV-250V-SJ



- Clamp power intensification via "Lead - screw" intensifier.
- Lower deformable design for very high clamping accuracy.



PATENTED / 專利在案

Unit: mm, kg

Order NO. 訂購編號	Model 型號	A	B	C	D	E	F	G	I	J	K	N	X	Y	N.W. 淨重	G.W. 毛重	Shipment Size 裝箱尺寸	Remark 備註
10040100	VQV-100V	406	300	106	101	124	130	78	64	155	45	18	45	85	22	24	600x210x185	
10040130	VQV-130V	516	410	106	131	149	147	83	74	250	52	18	65	95	40	42	660x240x200	
10040160	VQV-160V	581	475	106	161	152	160	86	86	300	55	18	65	105	59	62	760x280x205	
10040200	VQV-200V	661	555	106	201	194	170	100	97	350	60	18	92	110	90	93	840x325x230	
10040250	VQV-250V	911	805	106	251	402.5	193	124	124	550	78	22	276.5	115	153	170	1045x410x330	