



1 9 7 8

惠答工業創立於 1978 年，主要業務為生產製造高品質管夾與各式管件接頭銷售全球，我們擁有同業望塵莫及的研發技術與高度客製化能力，在國際管夾市場提供罕見的一站式供貨能力，始自產品設計、模具開發、材料建議、終至零售、散裝的包裝設計，提供客戶一站俱全的產品與服務。

ALL GAIN INDUSTRY CO. LTD. was established in 1978 with its core business in hose clamp and connector manufacturing, sold and known worldwide for its high quality. Our ability to innovate in R&D and allow flexibility to customize our products is envied and unmatched by competitors internationally. With our competitive edge, we are able to offer a unique one-stop shop experience for our customers, starting from product development, design, mold development, material recommendations to retail or bulk packaging design. We stand out in the international hose clamp and connector market with holistic offering in product and services.

オールゲイン工業は 1978 年に設立され、主に高品質なクランプと各種カップリングを製造し全世界へ販売しています。我々は高い研究開発技術と高度なカスタマイズ能力を有しており同業からも高い評価を得ています。世界でも珍しいクランプの全行程供給能力があり、製品の設計、金型開発、素材アドバイス、販売や包装設計までお客様へ全行程込みの製品生産とサービスを提供しています。



在嚴格控管品質的同時，惠答銷售全球的產品也符合各種國際標準，像是通過 UPC 與 CSA 的檢測，且於 2018 年通過 ISO 9001:2015 認證，外銷主要市場包括美國、加拿大、歐洲和日本。

ALL GAIN strictly controls our product quality. Our internationally sold products are in compliance with numerous international standards such as UPC and CSA. We have also passed the ISO 9001:2015 certificate in 2018. Our core exporting markets include USA, Canada, Europe and Japan.

嚴格的品質管理をしていると同時に、オールゲインでは全世界へ商品を販売し、幾つもの国際水準も取得しています。
例えば UPC や CSA 指令といった規格や 2018 年には ISO 9001:2015 認証も取得しています。
輸出先（主なマーケット）はアメリカ、カナダ、ヨーロッパと日本です。



汽車零件和設備
Auto part and equipment
自動車部品や設備



油管、壓力表、水管和相關零件
Tubes, pressure gauges, water pipes and related equipment
耐油ホース、圧力計、水道管や関連部品



化學用特殊設備之管件
Equipment & pipes specialized for chemical application
化学用特殊設備に使われるパイプなど



排水管和汙水處理管
Sewage & drainage water pipes
排水管や汚水処理管



家用水管
Household water pipes
家庭用水道管

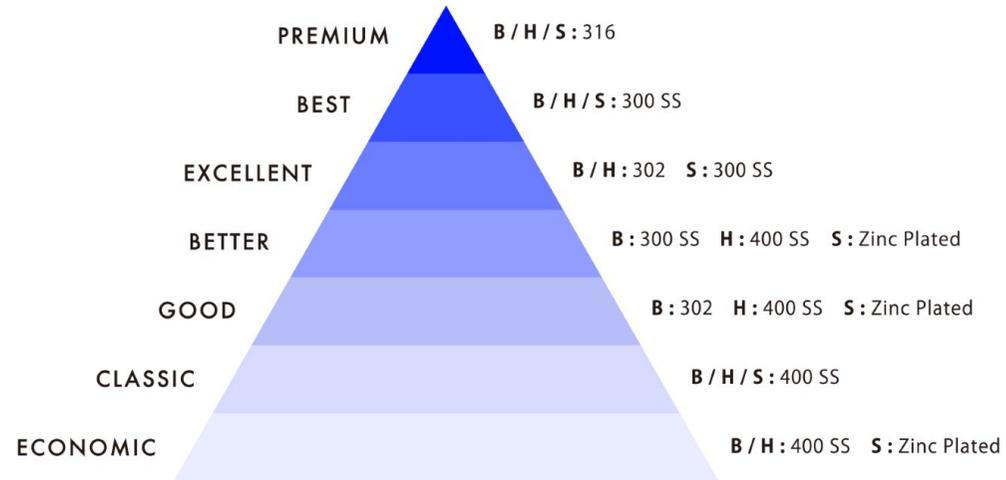


建築業（管配件）
Construction (pipe fittings)
建築業（配管部品）

MATERIAL CHART for CLAMP

B - Band **H** - Housing **S** - Screw

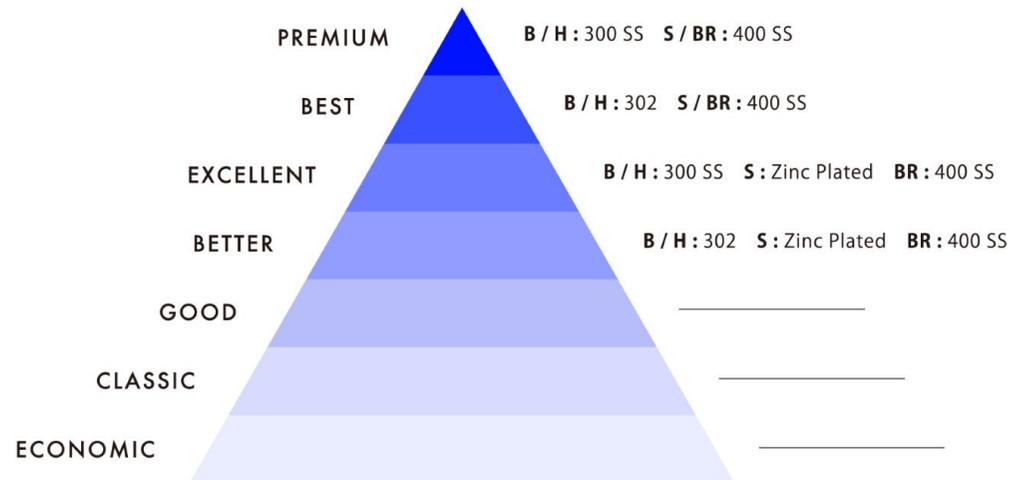
[CUSTOMIZATION](#) available on request



MATERIAL CHART for QUICK RELEASE CLAMP

B - Band **H** - Housing **S** - Screw **BR** - Bridge

[CUSTOMIZATION](#) available on request



UNIT CONVERT CHART for FLEXIBLE COUPLING

CAST IRON		PLASTIC		STEEL		LEAD	
inch	mm	inch	mm	inch	mm	inch	mm
1 1/2"	= 48	1 1/4"	= 42	1 1/4"	= 42	4"	= 114
2"	= 60	1 1/2"	= 48	1 1/2"	= 48	5"	= 140
3"	= 85	2"	= 60	2"	= 60	6"	= 168
4"	= 111	2 1/2"	= 73	2 1/2"	= 73	8"	= 219
5"	= 135	3"	= 89	3"	= 89	10"	= 267
6"	= 160	4"	= 114	4"	= 114	12"	= 318
8"	= 213	5"	= 141	5"	= 141		
10"	= 268	6"	= 168	6"	= 168	ASBESTOS CEMENT	
12"	= 318	8"	= 219	8"	= 219	inch	mm
		10"	= 273	10"	= 273	4"	= 123
		12"	= 323	12"	= 318	5"	= 149
						6"	= 179
CLAY						CONCRETE	
inch	mm					inch	mm
4"	= 127					4"	= 152
6"	= 183					6"	= 203

UNIT CONVERT CHART for SHEILD COUPLING

CAST IRON		PLASTIC		XH CI		COPPER	
inch	mm	inch	mm	inch	mm	inch	mm
1 1/2"	= 48	1 1/4"	= 42	2"	= 60	1 1/4"	= 35
2"	= 60	1 1/2"	= 48	3"	= 89	1 1/2"	= 41
3"	= 85	2"	= 60	4"	= 114	2"	= 54
4"	= 111	2 1/2"	= 73	5"	= 140	2 1/2"	= 67
5"	= 135	3"	= 89	6"	= 165	3"	= 80
6"	= 160	4"	= 114	8"	= 219	4"	= 105
8"	= 213	5"	= 141	10"	= 273	5"	= 130
10"	= 268	6"	= 168	12"	= 324	6"	= 156
12"	= 318	8"	= 219	15"	= 403		
		10"	= 273				
		12"	= 323				

CLAMP

BLACK COATING & CUSTOMIZATION available on request

黒いコーティング & カスタマイズに対応しております



WORM DRIVE HOSE CLAMP		DIN STANDARD HOSE CLAMP		QUICK RELEASE		COATED CLAMP						
8 mm		12.7 & 14.2 mm		9 mm		12.7 & 14.2 mm						
• • • • •		• • • • •		• • • • •		• • • • •						
8A-4	1/4" - 5/8"	A-8	7/16" - 1"	9G-12	8 - 12	13G-27	16 - 27	QR-56	1" - 4"	DC-04	4	
8A-6	5/16" - 7/8"	A-10	1/2" - 1 1/16"	9G-16	8 - 16	13G-32	20 - 32	QR-72	2" - 5"	DC-06	6	
8A-8	7/16" - 1"	A-12	1/2" - 1 1/4"	9G-20	12 - 20	13G-40	25 - 40	QR-88	2" - 6"	DC-09	9	
8A-10	1/2" - 1 1/16"	A-16	1 1/16" - 1 1/2"	9G-22	12 - 22	13G-45	35 - 45	QR-104	2" - 7"	DC-10	10	
9 mm		A-20	3/4" - 1 3/4"	9G-25	16 - 25	13G-50	35 - 50	QR-128	2 5/16" - 8 1/2"	DC-12	12	
• • • • •		A-24	1" - 2"	9G-27	16 - 27	13G-60	40 - 60	QR-152	2 5/16" - 10"	DC-13	13	
9A-12	5/16" - 1/2"	A-28	1 1/4" - 2 1/4"	9G-32	20 - 32	13G-70	50 - 70	QR-188	2 5/16" - 12"	DC-15	15	
9A-16	5/16" - 5/8"	A-32	1 1/2" - 2 1/2"	9G-40	25 - 40	13G-80	60 - 80	 <p>T-BOLT</p> <p>14.2 mm</p> <p>300 series only</p> <p>TB-300 3"</p> <p>TB-350 3 1/2"</p> <p>TB-400 4"</p> <p>TB-450 4 1/2"</p> <p>TB-500 5"</p>				
9A-20	1/2" - 3/4"	A-36	1 3/4" - 2 3/4"	9G-45	30 - 45	13G-90	70 - 90				DC-16	16
9A-22	1/2" - 7/8"	A-40	2" - 3"	9G-50	35 - 50	13G-100	80 - 100				DC-18	18
9A-25	5/8" - 1"	A-44	2 1/4" - 3 1/4"	9G-60	40 - 60	13G-110	90 - 110				DC-19	19
9A-27	5/8" - 1 1/16"	A-48	2 1/2" - 3 1/2"	9G-70	50 - 70	13G-120	100 - 120				DC-20	20
9A-32	3/4" - 1 1/4"	A-52	2 3/4" - 3 3/4"	9G-80	60 - 80	13G-130	110 - 130				DC-22	22
9A-40	1" - 1 5/8"	A-56	3" - 4"	9G-90	70 - 90	13G-140	120 - 140				DC-25	25
9A-45	1 5/16" - 1 3/4"	A-60	3 1/4" - 4 1/4"	9G-100	80 - 100	13G-150	130 - 150				DC-29	29
9A-50	1 3/8" - 2"	A-64	2 1/2" - 4 1/2"	9G-110	90 - 110	13G-160	140 - 160				DC-32	32
9A-60	1 5/8" - 2 3/8"	A-72	3" - 5"	9G-120	100 - 120	13G-170	150 - 170				DC-35	35
9A-70	2" - 2 3/4"	A-80	3 1/2" - 5 1/2"	9G-130	110 - 130	13G-180	160 - 180	DC-38	38			
9A-80	2 3/8" - 3 1/8"	A-88	4" - 6"	9G-140	120 - 140			DC-50	50			
9A-90	2 3/4" - 3 1/2"	A-96	4 1/2" - 6 1/2"	9G-150	130 - 150			DC-55	55			
9A-100	3 1/8" - 4"	A-104	5" - 7"	9G-160	140 - 160			DC-57	57			
9A-110	3 1/2" - 4 3/8"							DC-64	64			
9A-120	4" - 4 3/4"											

FLEXIBLE COUPLING

CI - Cast Iron PL - Plastic ST - Steels L - Lead
 CUSTOMIZATION available on request カスタマイズに対応しております



FLEXIBLE COUPLING			REPAIR COUPLING			TEST CAP (END CAP)		EZ TEE		EZ ELL	
-------------------	--	--	-----------------	--	--	--------------------	--	--------	--	--------	--



CI/PL/ST/L ▶ CI/PL/ST/L	Concrete ▶ CI/PL	CI/PL/ST/L ▶ CI/PL/ST/L	TC-15	1 1/2"	QT-150	1 1/2"	QL-150	1 1/2"
FC56-125	1 1/4"	56-150-AR	TC-2	2"	QT-200	2"	QL-200	2"
FC56-15125	1 1/2" x 1 1/4"	56-22-AR	TC-3	3"	QT-300	3"	QL-300	3"
FC56-150	1 1/2"	56-33-AR	TC-4	4"	QT-400	4"	QL-400	4"
FC56-215	2" x 1 1/2"	56-43-AR	TC-5	5"	To connect all common household drain, waste & vent pipes quickly. It is flexible & extra long for replacement for fittings cut out at the joint during alteration or repair		To connect all common household drain, waste & vent pipes quickly. It is flexible & extra long for replacement for fittings cut out at the joint during alteration or repair	
FC56-22	2"	56-44-AR	TC-6	6"				
FC56-315	3" x 1 1/2"	56-54-AR	To cap pipe ends, clean-outs and open pipes. Suitable for above ground or underground use on CI/ST/PL/C pipes					
FC56-32	3" x 2"	56-55-AR						
FC56-33	3"	56-64-AR						
FC56-33	3"	56-64-AR						
FC56-415	4" x 1 1/2"	56-65-AR						
FC56-42	4" x 2"	56-66-AR						
FC56-43	4" x 3"	56-86-AR						
FC56-44	4"	56-88-AR						
FC56-53	5" x 3"	56-1008-AR						
FC56-54	5" x 4"	56-1010-AR	Eccentric Coupling aligns the insidewall of the pipes to create an obstruction free flow					
FC56-55	5"	56-1210-AR						
FC56-63	6" x 3"	56-1212-AR						
FC56-64	6" x 4"	56-1512-AR	To provide greater resistance to heavy earth loads, shear forces and enhance alignment					
FC56-65	6" x 5"	56-1515-AR						
FC56-66	6"							
FC56-84	8" x 4"		Concrete ▶ CI/PL					
FC56-86	8" x 6"							
FC56-88	8"							
FC56-1008	10" x 8"		22U-139 2" x 1 1/2" 22U-205 2" x 2" 33U-139 3" x 1 1/2" 33U-205 3" x 2" 33U-305 3" x 3" 44U-139 4" x 1 1/2" 44U-205 4" x 2" 44U-305 4" x 3" 44U-405 4" x 4"					
FC56-1010	10"							
FC56-1212	12"							

SHIELD COUPLING

CI - Cast Iron PL - Plastic ST - Steels XH CI - Extra Heavy Cast Iron



PROSEAL COUPLING		NO HUB	NO HUB (H.D.)
Flat only		Diamond & Wave	Diamond only
Cast Iron ▶ PL / ST / XH CI		Cast Iron ▶ CI / PL / ST	
PC00-150	1 1/2" CI / PL / ST ▶ 1 1/2" CI / PL / ST	NHC-150	1 1/2"
PC00-215	2" CI / PL / ST ▶ 1 1/2" CI / PL / ST	NHC-215	2" x 1 1/2"
PC00-22	2" CI / PL / ST ▶ 2" CI / PL / ST	NHC-22	2"
PC00-33	3" CI ▶ 3" PL / ST / XH CI	NHC-32	3" x 2"
PC00-43	4" CI ▶ 3" PL / ST / XH CI	NHC-33	3" x 3"
PC00-44	4" CI ▶ 4" PL / ST / XH CI	NHC-42	4" x 2"
PC00-55	5" CI ▶ 5" PL / ST / XH CI	NHC-43	4" x 3"
PC00-66	6" CI ▶ 6" PL / ST / XH CI	NHC-44	4"
PC00-88	8" CI ▶ 8" PL / ST / XH CI	NHC-55	5"
CI / PL / ST ▶ Copper		NHC-66	6"
PC01-110	3/4" PL / ST or 1" Copper ▶ 1 1/2" CI / PL / ST	NHC-88	8"
PC01-1125	1 1/2" CI / PL / ST ▶ 1 1/4" Copper or 1" PL	NHC-1010	10"
PC01-150	1 1/2" CI / PL / ST ▶ 1 1/2" Copper or 1 1/4" PL	NHC-1212	12"
PC01-2125	2" CI / PL / ST ▶ 1 1/4" Copper or 1" PL	PL / ST / XH CI ▶ Copper	
PC01-215	2" CI / PL / ST ▶ 1 1/2" Copper or 1 1/4" PL	PC07-32	3" PL / ST or XH CI ▶ 2" Copper
PC01-22	2" CI / PL / ST ▶ 2" Copper	PC07-33	3" PL / ST or XH CI ▶ 3" Copper
PC01-315	3" CI ▶ 1 1/2" Copper or 1 1/4" PL	PC07-43	4" PL / ST or XH CI ▶ 3" Copper
PC01-32	3" CI ▶ 2" Copper	PC07-44	4" PL / ST or XH CI ▶ 4" Copper
PC01-33	3" CI ▶ 3" Copper	PL / ST / XH CI ▶ CI / PL / ST	
PC01-43	4" CI ▶ 3" Copper	PC08-32	3" PL / ST / XH CI ▶ 2" CI / PL / ST
PC01-44	4" CI ▶ 4" Copper	Thinwall PL ▶ Sch 40 PL	
CI / PL / ST ▶ Tubular		PC09-33	3" Thinwall PL ▶ 3" Sch. 40 PL
PC02-150	1 1/2" CI / PL / ST ▶ 1 1/2" Tubular	PC09-44	4" Thinwall PL ▶ 4" Sch. 40 PL
PC02-215	2" CI / PL / ST ▶ 1 1/2" Tubular	Copper ▶ Tubular	
PC02-155	1 1/2" Tubular ▶ 1 1/2" Tubular	PC10-150	1 1/2" Copper ▶ 1 1/2" Tubular
Copper ▶ Copper		PC10-215	2" Copper ▶ 1 1/2" Tubular
PC03-150	1 1/2" Copper ▶ 1 1/2" Copper or 1 1/4" PL	NO HUB (EU)	
PC03-215	2" Copper ▶ 1 1/2" Copper or 1 1/4" PL	Flat only	
PC03-22	2" Copper ▶ 2" Copper	DN040	1 1/2"
PC03-33	3" Copper ▶ 3" Copper	DN050	2"
		DN075	3"
		DN100	4"
		DN125	5"
		DN150	6"
		DN200	8"
		DN250	10"



CONNECTOR



TUBULAR DRAIN PIPE	DRAIN & TRAP	DISHWASHER DRAIN	FLEXIBLE EZ TRAPS (J BEND)	HOSE GRIP CLOTHES WASHER
TC-150 38 x 32	DTC-150 38 x 38 or 32 DTC-215 51 x 38 x 32	DWC-100 17 x 23 x 23	FT-150 38 x 32	HG-1 -----
To extend, alter or repair any combination of 32mm or 38mm brass or plastic drain pipe	To connect tubular traps to common household drain pipe for new installation, repairs and alternations	To connect a dishwasher hose to sink drains and garbage disposers	To replace 32mm or 37mm plastic or metal drain traps	To hold washing machine hoses securely in their stand-pipe drains

WATER MANAGEMENT

TOOLS & ACCESSORIES



SUMP/SEWAGE PUMP CHECK VALVE	TORQUE WRENCH	REPAIR FLANGE (TOILET)	DRAIN SEAL	
CV-15125 1 1/4" or 1 1/2", 1 1/2" or 1 1/4" CV-22 2" x 2"	DT-077 For 5/16" hex head screws Built-in reversing lever is preset 60 in-lbs	SF-100 ----- Repairing broken water closet flanges	DSC-22 2"	DSC-22SH 2"



惠答對品質的堅持，讓「優選用料」與「創新」成為公司的兩大支柱。
我們深信好的原材料是產品能通過歲月試煉的關鍵因素。「客戶信賴來自我們對品質的堅持」是惠答的經營理念。

**ALL GAIN's persistence in quality is a result of the two pillars of the company,
superior raw material & innovation. We believe the key in having lasting products that can stand the
test of time is in quality raw material. Our business philosophy is "Quality persistence leads to trust."**

弊社は品質にこだわり「優良材料選び」と「イノベーション」を二大柱としています。
我々は良い原材料を使う製品こそ、幾年もの試練を乗り越えることができる大事な鍵となる要素だと信じています。
「こだわりによりお客様からの信頼を」がオールゲインの経営理念です。

allgaintw.com

惠答工業有限公司 ALL GAIN INDUSTRY CO., LTD.

新北市樹林區保安街一段313巷26巷23號
1ST FL., NO.23 ALLEY 26, LANE 313, SEC.1, PO-AN ST.,
SHULIN DISTRICT, NEW TAIPEI CITY, TAIWAN 238

T.+886 2-2686-6551 F.+886 2-2682-1383

contact@allgain.com.tw