



DH (주)대현 XHTONG



GROOVED COUPLINGS AND FITTINGS

MANUFACTURE WITH WORLD FIRST
CLASS EQUIPMENTS AND TECHNOLOGY



Greeting Message

Manufacture with world first class equipment and technology

(주)대현은 수년간 끊임없는 연구개발과 엄격한 품질관리, 다양한 제품군 보유, 신속하고 안정적인 납기 준수를 실현하며 배관자재 시장에서 신뢰를 얻고 새로운 도약을 하고 있습니다. 뿐만 아니라 덴마크 DISA 자동 생산 라인, 독일 EIRICH 자동 주입 기계 등 첨단 장비와 강력한 기술력으로 UL, FM 등의 국제 규격 인증도 보유하고 있습니다.

저희 (주)대현은 국민의 안전을 최우선으로 생각하며 화재 및 지진으로부터 국민 생활의 안전을 지키고 소방산업 발전의 주역으로서 고객 여러분의 믿음직한 파트너가 되겠습니다.
감사합니다.

(주)대현 임직원 일동

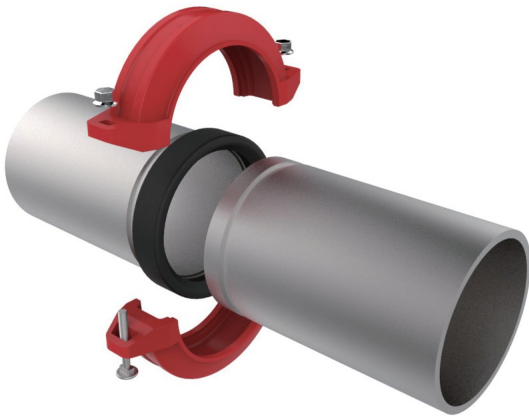
Grooved 시스템의 특징

용접방식을 대체하는 배관연결 SYSTEM

그루브 SYSTEM은 오늘날 사용가능 공법 중 가장 오랜 시간동안 안정성이 증명되고 전세계적으로 사용되어지는 공법 중의 하나입니다. 파이프 양 말단에 그루브를 내고 고무 가스켓을 장착한 뒤, 커플링을 2개의 볼트와 너트를 이용하여 안전하게 체결하는 방식입니다.

화재감소, 내진설계, 유지 보수 용이, 설치비 감소

소화배관 용접 ZERO, 시공 현장 화재 원천 차단, 소화 배관 부식률 0%



RIGID COUPLING

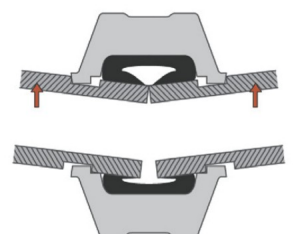
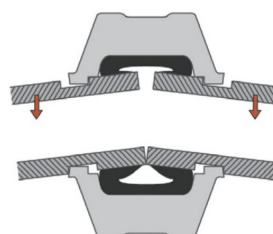
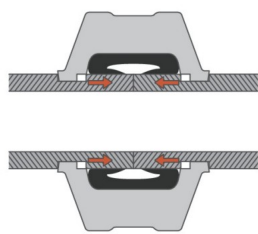
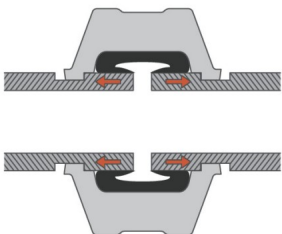
고정형 조인트는 **용접과 동등한 견고성**을 가집니다.

소방배관, 냉온수배관, 기계실배관 등 견고성이 요구되는 곳에 사용

FLEXIBLE COUPLING

유동형 조인트는 **용접과 동등한 견고성과 수축, 팽창, 진동, 소음 등에 유연성**을 가집니다.

내진설계, 펌프주위 배관 등 파이프의 뒤틀림, 수축, 팽창에 대한 유연성이 요구되는 곳에 사용



고정식 커플링

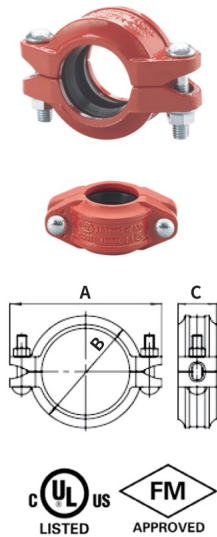
RIGID COUPLINGS -XGQT1

DUCTILE IRON ASTM A 536

(구상흑연주철)

가스켓: EPDM 또는 NBR

배관 고정성 유지



RIGID COUPLINGS 고정식 커플링 - XGQT1

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION (mm)			BOLT&NUT
				A	B	C	
25A	1"	33.7	2.07/300	98	58	45	2-M10*50
32A	1.25"	42.4		106	68	45	2-M10*50
40A	1.5"	48.3		112	73	45	2-M10*50
50A	2"	60.3		128	86	45	2-M10*55
65A	2.5"	76.1		138	97	45	2-M10*55
80A	3"	88.9		158	113	45	2-M10*60
100A	4"	114.3		194	143	50	2-M12*70
125A	5"	139.7		222	167	50	2-M12*75
150A	6"	165.1		252	195	50	2-M12*75
200A	8"	216.3		322	250	60	2-M16*85
250A	10"	267.4		386	308	62	2-M20*100
300A	12"	318.5		440	360	62	2-M20*110

*카탈로그 이외의 제품은 주문생산이 가능합니다.

고압용 고정식 커플링

HIGH PRESSURE

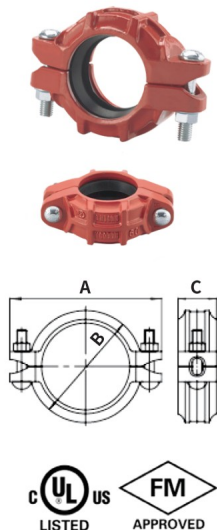
RIGID COUPLINGS -XGQT1H(G)

DUCTILE IRON ASTM A 536

(구상흑연주철)

가스켓: EPDM 또는 NBR

배관 고정성 유지



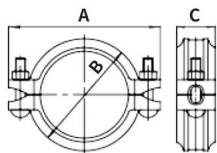
HIGH PRESSURE RIGID COUPLINGS 고압용 고정식 커플링 - XGQT1H(G)

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION (mm)			BOLT&NUT
				A	B	C	
50A	2"	60.3	3.45/500	128	90	45	2-M10*55
65A	2.5"	76.1		141	104	45	2-M10*55
80A	3"	88.9		158	119	46	2-M10*60
100A	4"	114.3		192	148	50	2-M12*75
125A	5"	139.7		223	175	50	2-M12*75
150A	6"	165.1		264	203	50	2-M16*90
200A	8"	216.3		322	260	60	2-M16*90
250A	10"	267.4		384	309	63	2-M20*110
300A	12"	318.5		440	364	63	2-M20*130

*카탈로그 이외의 제품은 주문생산이 가능합니다.

유동식 커플링 FLEXIBLE COUPLINGS -XGQT2

DUCTILE IRON ASTM A 536
(구상흑연주철)
가asket: EPDM 또는 NBR
배관 고정성, 유동성 유지



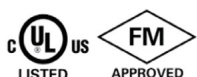
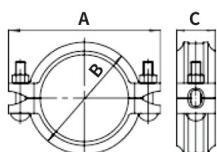
FLEXIBLE COUPLINGS 유동식 커플링 - XGQT2

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION (mm)			BOLT&NUT
				A	B	C	
25A	1"	33.7	2.07/300	98	58	45	2-M10*50
32A	1.25"	42.4		106	68	45	2-M10*50
40A	1.5"	48.3		112	73	45	2-M10*50
50A	2"	60.3		128	86	45	2-M10*55
65A	2.5"	76.1		139	100	45	2-M10*55
80A	3"	88.9		158	114	45	2-M10*60
100A	4"	114.3		194	143	50	2-M12*70
125A	5"	139.7		223	167	50	2-M12*75
150A	6"	165.1		252	196	50	2-M12*75
200A	8"	216.3		323	252	60	2-M16*90
250A	10"	267.4		387	308	62	2-M20*100
300A	12"	318.5		440	360	62	2-M20*110

*카달로그 이외의 제품은 주문생산이 가능합니다.

고압용 유동식 커플링 HIGH PRESSURE FLEXIBLE COUPLINGS XGQT2H(G)

DUCTILE IRON ASTM A 536
(구상흑연주철)
가asket: EPDM 또는 NBR
배관 고정성, 유동성 유지



HIGH PRESSURE FLEXIBLE COUPLINGS 고압용 유동식 커플링 - XGQT2H(G)

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION (mm)			BOLT&NUT
				A	B	C	
50A	2"	60.3	3.45/500	128	90	45	2-M10*55
65A	2.5"	76.1		141	104	45	2-M10*55
80A	3"	88.9		160	115	45	2-M10*60
100A	4"	114.3		192	146	50	2-M12*75
125A	5"	139.7		223	175	52	2-M12*75
150A	6"	165.1		264	203	52	2-M16*90
200A	8"	216.3		322	260	60	2-M16*90
250A	10"	267.4		388	312	62	2-M20*110
300A	12"	318.5		443	366	62	2-M20*110

*카달로그 이외의 제품은 주문생산이 가능합니다.

레듀싱 커플링

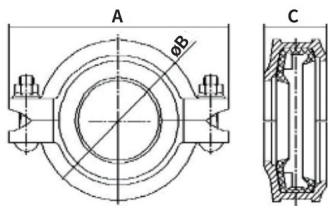
REDUCING COUPLINGS -XGQT6

DUCTILE IRON ASTM A 536

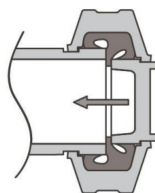
(구상흑연주철)

가스켓: EPDM 또는 NBR

배관 고정성 유지



레듀싱 커플링은 레듀셔를 사용하지 않고 특별히 고안된
가스켓을 이용하여 관경이 다른 파이프를 직접 연결합니다.



캡과 함께 사용하지 마십시오
드레인 시 부압발생

REDUCING COUPLINGS 레듀싱 커플링 - XGQT6

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION (mm)			BOLT&NUT
				A	B	C	
32*25	1.25"*1"	42.4*33.7	2.07/300	105	69	45	2-M10*50
40*25	1.5"*1"	48.3*33.7		113	74	45	2-M10*50
40*32	1.5"*1.25"	48.3*42.4		113	73	45	2-M10*50
50*25	2"*1"	60.3*33.7		128	86	45	2-M10*50
50*32	2"*1.25"	60.3*42.4		128	86	45	2-M10*50
50*40	2"*1.5"	60.3*48.3		128	86	45	2-M10*50
65*25	2.5"*1"	76.1*33.7		146	104	45	2-M10*50
65*32	2.5"*1.25"	76.1*42.4		146	104	45	2-M10*55
65*40	2.5"*1.5"	76.1*48.3		146	104	45	2-M10*50
65*50	2.5"*2"	76.1*60.3		146	104	45	2-M10*50
80*65	3"*2.5"	88.9*76.1		160	116	47	2-M10*55
100*50	4"*2"	114.3*60.3		195	146	48	2-M12*65
100*65	4"*2.5"	114.3*76.1		195	146	48	2-M12*65
100*80	4"*3"	114.3*88.9		195	146	48	2-M12*65
125*65	5"*2.5"	139.7*76.1		223	170	48	2-M12*75
125*80	5"*3"	139.7*88.9		220	176	48	2-M12*75
125*100	5"*4"	139.7*114.3		223	176	48	2-M12*75
150*65	6"*2.5"	165.1*76.1		260	196	50	2-M16*90
150*80	6"*3"	165.1*88.9		260	196	50	2-M16*90
150*100	6"*4"	165.1*114.3		260	196	50	2-M16*90
150*125	6"*5"	165.1*139.7		260	196	50	2-M16*90

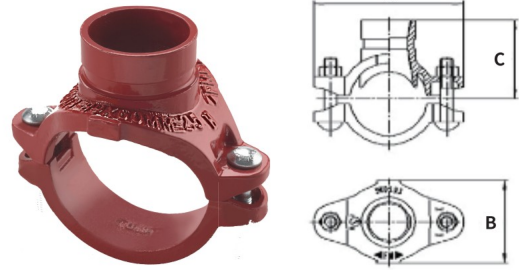
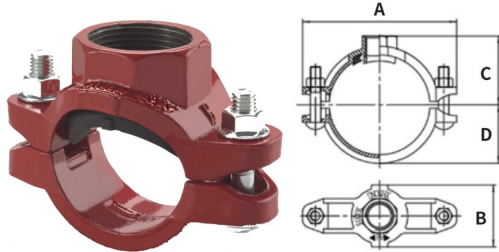
*카달로그 이외의 제품은 주문생산이 가능합니다.

메카니칼 티이

THREADED/ GROOVED MECHANICAL TEE - XGQT3S / XGQT3

DUCTILE IRON ASTM A 536(구상흑연주철)

가스켓: EPDM 또는 NBR 배관 고정성 유지



THREADED / GROOVED MECHANICAL TEE 메카니칼 티이 XGQT3S / XGQT3

SIZE(A)	SIZE(inch)	OD(mm)	WORKING PRESSURE (Mpa/psi)	THREADED MECHANICAL TEE					GROOVED MECHANICAL TEE				
				A	B	C	HOLE DIA	BOLT&NUT	A	B	C	HOLE DIA	BOLT&NUT
32*25	1.25*1"	42.4*33.7	2.07/300	100	56	49	30	2-M10*45					
40*25	1.5*1"	48.6*33.7		103	56	54	30	2-M10*45					
50*25	2*1"	60.5*33.7		118	73	49	38	2-M10*60					
50*32	2*1.25"	60.5*42.4		118	73	52	46	2-M10*60					
65*25	2.5*1"	76.1*33.7		136	70	59	38	2-M10*60	136	72	76	38	2-M10*55
65*32	2.5*1.25"	76.1*42.7		136	82	60	46	2-M10*60	136	82	77	46	2-M10*55
65*40	2.5*1.5"	76.1*48.6		136	84	60	53	2-M10*60	136	84	77	53	2-M10*55
65*50	2.5*2"	76.1*60.5							136	84	77	53	2-M10*55
80*25	3*1"	88.9*33.7		142	70	66	38	2-M10*60	144	72	83	38	2-M10*55
80*32	3*1.25"	88.9*42.7		142	82	67	46	2-M10*60	144	83	84	46	2-M10*55
80*40	3*1.5"	88.9*48.6		142	84	67	53	2-M10*60	144	85	84	53	2-M10*55
80*50	3*2"	88.9*60.5		142	96	68.5	64	2-M10*60	144	98	84	64	2-M10*55
80*65	3*2.5"	88.9*76.3							144	98	84	64	2-M10*55
100*25	4*1"	114.3*33.7		178	72	82	38	2-M12*60	179	72	98	38	2-M12*65
100*32	4*1.25"	114.3*42.7		178	82	82	46	2-M12*60	179	83	98	46	2-M12*65
100*40	4*1.5"	114.3*48.6		178	84	82	53	2-M12*60	179	85	98	53	2-M12*65
100*50	4*2"	114.3*60.5		178	95	82	64	2-M12*60	179	95	97	64	2-M12*65
100*65	4*2.5"	114.3*76.3		178	113	82	80	2-M12*60	179	114	97	80	2-M12*65
100*80	4*3"	114.3*88.9							179	126	97	92	2-M12*65
125*25	5*1"	139.7*33.7		206	72	93	38	2-M12*75	206	72	109	38	2-M12*65
125*32	5*1.25"	139.7*42.7		206	82	93	46	2-M12*75	206	83	109	46	2-M12*70
125*40	5*1.5"	139.7*48.6		206	84	93	53	2-M12*75	206	85	109	53	2-M12*70
125*50	5*2"	139.7*60.5		206	95	93	64	2-M12*75	206	96	110	64	2-M12*70
125*65	5*2.5"	139.7*76.3		206	113	93	80	2-M12*75	206	113	111	80	2-M12*70
150*25	6*1"	165.1*33.7		242	72	105	38	2-M14*75	242	72	121	38	2-M14*75
150*32	6*1.25"	165.1*42.7		242	82	105	46	2-M14*75	242	83	121	46	2-M14*75
150*40	6*1.5"	165.1*48.6		242	84	108	53	2-M14*75	242	85	121	53	2-M14*75
150*50	6*2"	165.1*60.5		242	95	108	64	2-M14*75	242	95	121	64	2-M14*75
150*65	6*2.5"	165.1*76.3		242	113	106	80	2-M14*75	242	113	123	80	2-M14*75
150*80	6*3"	165.1*88.9							242	126	125	92	2-M14*75
150*100	6*4"	165.1*114.3							242	158	125	114	2-M14*75

*카탈로그 이외의 제품은 주문생산이 가능합니다.

덕타일 그루브 피팅 Ductile Iron fittings

DUCTILE IRON ASTM A 536 (구상흑연주철)

덕타일 그루브 피팅은 ASTM A 536 65-45-12 에 준하는 재료로 현대식 자동화 장비에 의해 생산되고 있으며, 모든 피팅류는 적색, 청색 등의 페인트 제품과 용융아연도금 또는 에폭시코팅 등의 제품이 생산됩니다.

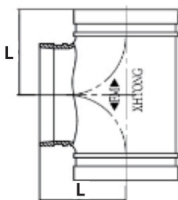
*카달로그 이외의 제품은 주문생산이 가능합니다.



동경 티이

EQUAL TEE - 003

DUCTILE IRON ASTM A 536
(구상흑연주철)



EQUAL TEE 동경 티이 - 003

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	EQUAL TEE
				L
25	1"	33.7	3.45 / 500	57
32	1.25"	42.4		70
40	1.5"	48.3		60
50	2"	60.3		70
65	2.5"	76.1		75
80	3"	88.9		86
100	4"	114.3		102
125	5"	139.7		122
150	6"	165.1		140
200	8"	216.3		175
250	10"	267.4		214
300	12"	318.5		254

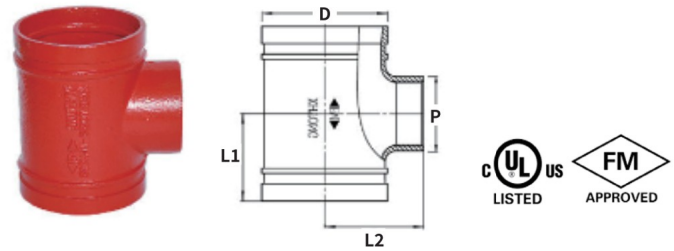
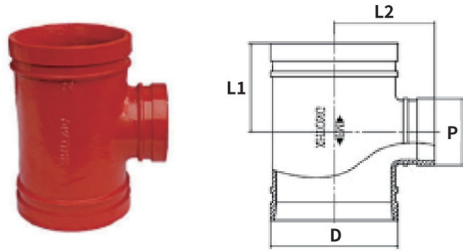
*카달로그 이외의 제품은 주문생산이 가능합니다.

레듀싱 티이

GROOVED / THREADED REDUCING TEE - 05 / 05S

DUCTILE IRON ASTM A 536

(구상흑연주철)



GROOVED / THREADED REDUCING TEE 레듀싱 티이 - 05 / 05S

SIZE(A)	Size(inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	DIMENSION(mm)			
				Grooved Reducing Tee		Threaded Reducing Tee	
				L1	L2	L1	L2
50*32	2"*1.25"	60.3*42.4	3.45/500			70	70
50*40	2"*1.5"	60.3*48.3				70	70
65*32	2.5"*1.25"	76.1*42.4				76	76
65*40	2.5"*1.5"	76.1*48.3				76	76
65*50	2.5"*2"	76.1*60.3		75	75	76	76
80*32	3"*1.25"	88.9*42.4				75	86
80*40	3"*1.5"	88.9*48.3				75	86
80*50	3"*2"	88.9*60.3		75	85	85	86
80*65	3"*2.5"	88.9*76.1		75	85		
100*32	4"*1.25	114.3*42.4				70	102
100*40	4"*1.5"	114.3*48.3				75	102
100*50	4"*2"	114.3*60.3		101	101	100	102
100*65	4"*2.5"	114.3*76.1		80	95		
100*80	4"*3"	114.3*88.9		85	95		
125*40	5"*1.5"	139.7*48.3				75	122
125*50	5"*2"	139.7*60.3		85	122	85	122
125*65	5"*2.5"	139.7*76.1		85	122		
125*80	5"*3"	139.7*88.9		100	122		
125*100	5"*4"	139.7*114.3		95	105		
150*40	6"*1.5"	165.1*48.3				75	130
150*50	6"*2"	165.1*60.3		85	140	85	140
150*65	6"*2.5"	165.1*76.1		78	120		
150*80	6"*3"	165.1*88.9		102	122		
150*100	6"*4"	165.1*114.3		102	120		
150*125	6"*5"	165.1*139.7		108	120		
200*65	8"*2.5"	216.3*76.1		90	160		
200*80	8"*3"	216.3*88.9		100	165		
200*100	8"*4"	216.3*114.3		120	165		
200*125	8"*5"	216.3*139.7		130	175		
200*150	8"*6"	216.3*165.1		145	175		

*카탈로그 이외의 제품은 주문생산이 가능합니다.

DAEHYUN INC. XHTONG

GROOVED COUPLINGS AND FITTINGS

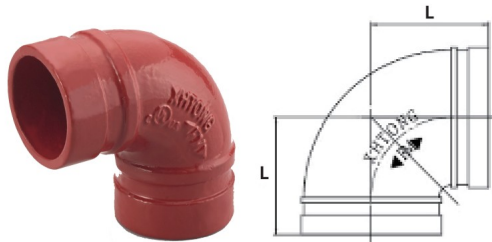
그루브 엘보

GROOVED ELBOW - 001 / 02 / XGQT021 / XGQT022

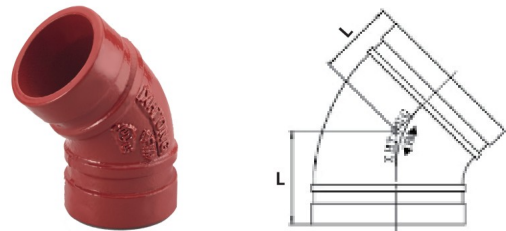
DUCTILE IRON ASTM A 536

(구상흑연주철)

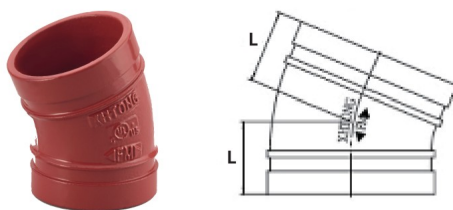
90D 엘보



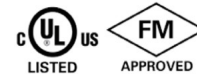
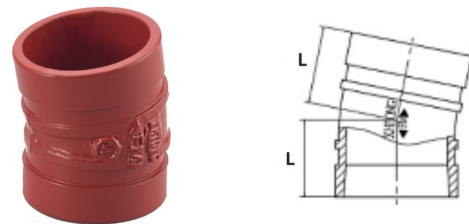
45D 엘보



22.5D 엘보



11.25D 엘보



GROOVED ELBOW 그루브 엘보 - 001 / 02 / XGQT021 / XGQT022

SIZE	Size (inch)	PIPE OD (mm)	WORKING PRESSURE(Mpi/psi)			
			3.45/500		2.07/300	
			90D	45D	22.5D	11.25D
			L	L	L	L
25	1"	33.7	57	45	40	40
32	1.25"	42.4	60	45	45	40
40	1.5"	48.3	60	45	45	35
50	2"	60.3	70	50	45	35
65	2.5"	76.1	76	55	48	38
80	3"	88.9	86	55	50	38
100	4"	114.3	102	60	50	45
125	5"	139.7	122	70	55	45
150	6"	165.1	140	70	60	50
200	8"	216.3	175	90	80	55
250	10"	267.4	215	120	111	54
300	12"	318.5	245	133	124	57

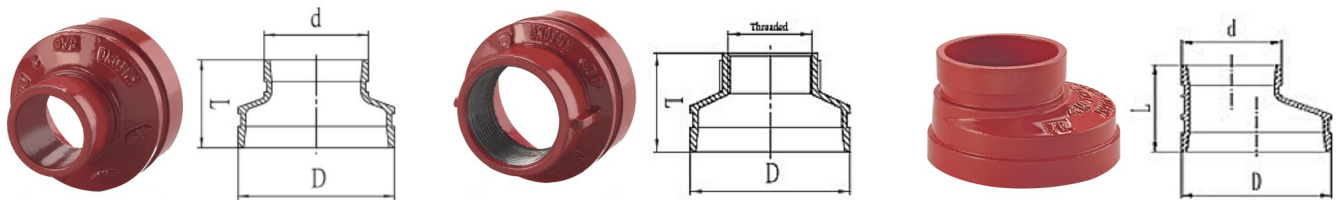
*카탈로그 이외의 제품은 주문생산이 가능합니다.

정심레듀샤 / 편심레듀샤

GROOVED / THREADED CONCENTRIC REDUCER - 07 / 07S ECCENTRIC REDUCER-11

DUCTILE IRON ASTM A 536

(구상흑연주철)



GROOVED / THREADED CONCENTRIC REDUCER 정심레듀샤 - 07/ 07S

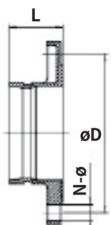
SIZE(A)	SIZE(inch)	OD(mm)	WORKING PRESSURE (Mpa/psi)	GROOVED REDUCER	THREADED REDUCER	ECCENTRIC REDUCER
				L	L	L
50*32	2"*1.25"	60.3*42.4	3.45/500		55	
50*40	2"* 1.5"	60.3*48.3			55	
65*32	2.5"*1.25"	76.1*42.4			55	
65*40	2.5"*1.5"	76.1*48.3		60	55	64
65*50	2.5"*2"	76.1*60.3		60	55	64
80*32	3"*1.25"	88.9*42.4			55	
80*40	3"*1.5"	88.9*48.3		60	55	64
80*50	3"*2"	88.9*60.3		60	55	64
80*65	3"*2.5"	88.9*76.1		60		68
100*32	4"*1.25"	114.3*42.4			65	
100*40	4"* 1.5"	114.3*48.3			65	
100*50	4"*2"	114.3*60.3		65	65	80
100*65	4"*2.5"	114.3*76.1		65		65
100*80	4"*3"	114.3*88.9		65		65
125*32	5"*1.25	139.7*42.4			65	
125*40	5"*1.5"	139.7*48.3			65	
125*50	5"*2"	139.7*60.3		65	65	70
125*65	5"*2.5"	139.7*76.1		65		70
125*80	5"*3"	139.7*88.9		65		70
125*100	5"*4"	139.7*114.3		65		70
150*32	6"*1.25"	165.1*42.4			75	
150*40	6"*1.5"	165.1*48.3			75	
150*50	6"*2"	165.1*60.3		75	75	75
150*65	6"*2.5"	165.1*76.1		75		75
150*80	6"*3"	165.1*88.9		75		75
150*100	6"*4"	165.1*114.3		75		75
150*125	6"*5"	165.1*139.7		65		75
200*100	8"*4"	216.3*114.3		85		85
200*125	8"*5"	216.3*139.7		85		85
200*150	8"*6"	216.3*165.1		80		85

*카탈로그 이외의 제품은 주문생산이 가능합니다.

그루브 어답터 플렌지

GROOVED ADAPTOR FLANGE - XGQT08

DUCTILE IRON ASTM A 536
(구상흑연주철)



For the connecting size D and N-Φ, we can provide the flange conforming with GB/T 17241. 6-2008, PN10, PN16, PN25, ANSI class 150, class300.



GROOVED ADAPTOR FLANGE 그루브 어답터 플렌지 - XGQT08

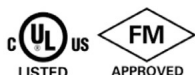
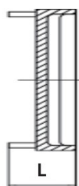
SIZE(A)	Size (inch)	PIPE OD (mm)	L	10K		20K	
				D	n-Φ	D	n-Φ
50	2"	60.3	65	120	4-Φ19	120	4-Φ19
65	2.5"	76.1	65	140	4-Φ19	140	8Φ19
80	3"	88.9	65	153	8Φ19	160	8Φ23
100	4"	114.3	70	175	8Φ19	185	8Φ23
125	5"	139.7	70	210	8Φ19	223	8Φ28
150	6"	165.1	70	240	8Φ23	260	12Φ28
200	8"	216.3	80	295	12Φ23	305	12Φ28
250	10"	267.4	85	355	12Φ28		
300	12"	318.5					

*카달로그 이외의 제품은 주문생산이 가능합니다.

엔드캡

END CAP - 09

DUCTILE IRON ASTM A 536
(구상흑연주철)



END CAP 엔드캡 - 09

SIZE(A)	Size (inch)	PIPE OD (mm)	WORKING PRESSURE (Mpa/psi)	GROOVED CAP
				L
25	1"	33.7	3.45/500	23
32	1.25"	42.4		23
40	1.5"	48.3		23
50	2"	60.3		26
65	2.5"	76.1		26
80	3"	88.9		27
100	4"	114.3		28
125	5"	139.7		29
150	6"	165.1		29
200	8"	216.3		35
250	10"	267.4		34
300	12"	318.5		34

*카달로그 이외의 제품은 주문생산이 가능합니다.

GASKET DATA



Gasket	Name	Temperature Range	General Service Recommendations	Color Mark
E	EPDM	-34~ + 107°C (-30~ +225°F)	EPDM은 물에 대한 저항력이 가장 뛰어난 고무재질로서, -34도 ~ 107도 범위 내의 냉 온수와 스팀, 산화합물 등에 사용이 적합하다. 석유기반 오일용으로는 적합하지 않다.	Green Strip
D	NBR	-29~+82°C (-00~+180°F)	NBR은 유압용 유체, 윤활오일 및 유기반제품용으로 적합하며, 65도씨 이상의 환경에는 적합하지 않다.	Orange Strip
S	Silicon Rubber	-40~+177°C (-40~+350°F)	SILICONE은 고온, 저온에서 안정성을 가지고 있으며 높은 온도의 화학 및 의약품 관련분야에 사용한다. 뜨거운 물이나 스팀에는 적합하지 않다.	White

고무링 결합용 윤활제 (Lubricant)

홈조인트 시공의 편의를 위해 당사에서는 고무링용 윤활제를 공급하고 있습니다. 고무링과 파이프와의 밀착성과 조인트 커버의 결합에 최적의 효과를 발휘하기 위해 반드시 사용하여야 합니다. 윤활제는 인체에 무해한 성분이므로 일반 위생배관에도 사용이 가능합니다.



■ 윤활제 사용량

고무링크기(A)	고무링수량1Can당	고무링크기(A)	고무링수량1Can당
50	260	300	40
80	175	350	35
100	130	400	30
150	80	450	25
200	66	500	20
250	50	300	15

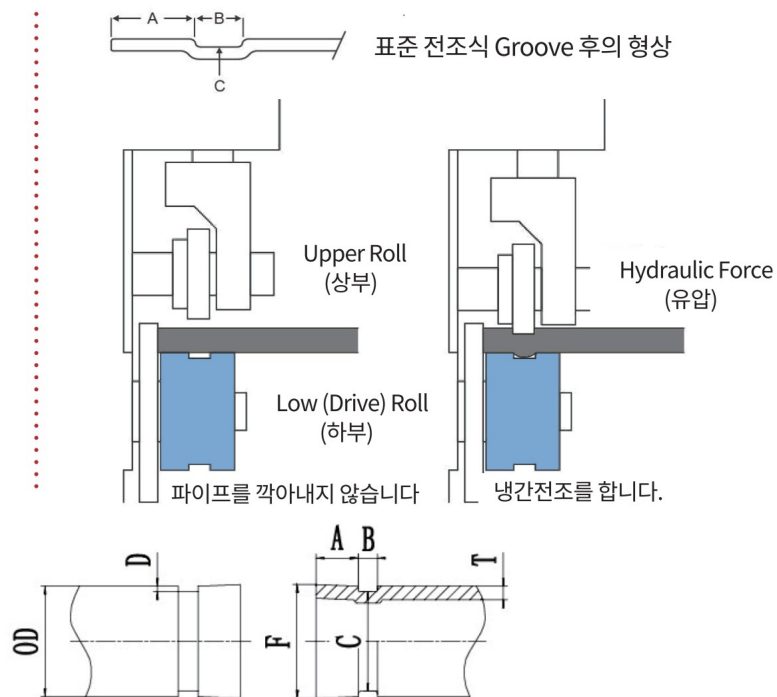
전조식 그루브 방식

ROLL GROOVE

전조식은 파이프를 깎아 내지 않는 방식으로 25A~600A까지 다양한 사이즈군의 전조가 가능한 그루빙기계가 있습니다.

적용관종 - 강관SPP, S/40

STS 10S, 20S, 40S



Nominal pipe Diameter	Pipe outer Diameter			The size from pipe end to groove edge A ±0.76	Groove width B ±0.76	Groove diameter C		Groove diameter D (참조용)	Minium thickness of the pipe wall T	Outer diameter of the maximum extension surface
	Actual size	Tolerance				Actual size	Tolerance			
25	33.7	+0.41	-0.68	15.88	7.14	30.23	-0.38	1.60	1.8	34.5
32	42.4	+0.50	-0.60	15.88	7.14	38.99	-0.38	1.60	1.8	43.3
40	48.3	+0.44	-0.52	15.88	7.14	45.09	-0.38	1.60	1.8	49.4
50	60.3	+0.61	-0.61	15.88	8.74	57.15	-0.38	1.60	1.8	62.2
65	76.1	+0.76	-0.76	15.88	8.74	72.26	-0.46	1.98	2.3	77.7
80	88.9	+0.89	-0.79	15.88	8.74	84.94	-0.46	1.98	2.3	90.6
100	114.3	+1.14	-0.79	15.88	8.74	110.08	-0.51	2.11	2.3	116.2
125	139.7	+1.40	-0.79	15.88	8.74	135.48	-0.51	2.11	2.9	141.7
150	165.1	+1.60	-0.79	15.88	8.74	160.90	-0.56	2.16	2.9	167.1
200	216.3	+1.60	-0.79	19.05	11.91	211.60	-0.64	2.34	2.9	220.7
250	267.4	+1.60	-0.79	19.05	11.91	262.60	-0.69	2.39	3.6	271.8
300	318.5	+1.60	-0.79	19.05	11.91	312.90	-0.76	2.77	4.0	322.8

*카탈로그 이외의 제품은 주문생산이 가능합니다.

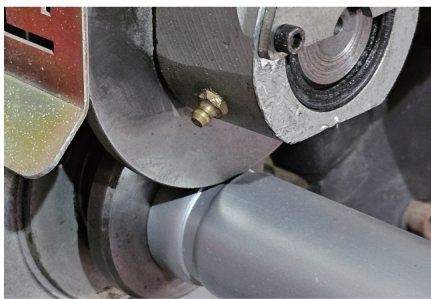


**SURVIVE BY QUALITY,
DEVELOP BY CREDIBILITY.**



그루브 커플링 시공방법

Installation Instruction For Rigid & Flexible Coupling



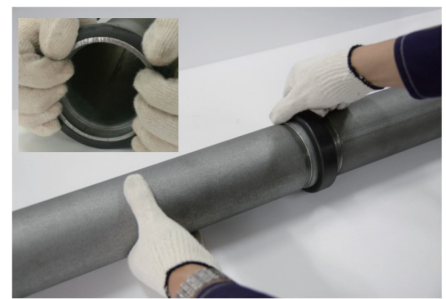
1. 파이프 그루빙

그루브 머신으로 파이프 그루빙을 합니다. 파이프의 말단에서 그루브 홈 까지 불순물 제거 및 가스켓 설치에 영향을 줄 수 있는 요소가 있는지 확인합니다.



2. 가스켓 윤활

가스켓의 내외면의 손상여부를 확인 후 가스켓 안쪽과 바깥쪽에 윤활제를 사용하여 골고루 도포 작업을 합니다.



3. 가스켓 체결

한쪽 파이프 끝에 가스켓을 고정시킨 후 두개의 파이프를 가지런히 정렬합니다. 가스켓을 그루브 방향으로 밀어 넣어 체결합니다. 이때 가스켓이 양파이프 중앙에 위치하도록 합니다.



4. 하우징 조립

한쪽 볼트와 너트를 풀고, 반대 쪽의 볼트, 너트를 느슨하게 합니다. 체결용 볼트와 너트를 사용하여 느슨하게 가조립 후 양쪽 파이프의 그루브홈 사이로 하우징을 조립합니다.



5. 너트고정

손으로 너트를 고정한 후 토크렌치를 이용하여 고정합니다. 이때 양쪽에 위치한 볼트와 너트를 균등히 조여가며 하우징이 서로 맞닿을 때까지 조립합니다.



6. 조립검사

커플링이 파이프 연결부위의 그루브에 완전히 고정되었는지 확인 합니다. 가스켓이 보이지 않는 지를 확인합니다.

**SURVIVE BY QUALITY,
DEVELOP BY CREDIBILITY.**



메카니칼 티이 시공방법

Installation Instruction For Threaded & Grooved Mechanical Tee



1. Hole 천공

마킹 된 천공부에 Hole saw 중심이
파이프의 중심과 일치되도록 천공합니다.



2. 사상

가스켓 경계선에 상처를 주어 누수를
일으킬 수 있는 날카로운 부분이나
바를 제거. Hole 주변을 매끄럽게
사상 작업을 합니다.



3. 가스켓 체결

가스켓을 메카니칼 티이에 체결 후
조인트와 Hole의 위치가 정확히
일치하는지 확인합니다.



4. 하우징 조립

한쪽 볼트와 너트를 풀고, 반대 쪽의
볼트, 너트를 느슨하게 합니다. 체결용
볼트와 너트를 사용하여 느슨하게 가
조립 후 메카니칼 티이와 Hole이
정확하게 일치하도록 하우징을
조립합니다.



5. 너트고정

손으로 너트를 고정한 후 토크렌치를
이용하여 고정합니다.
이때 양쪽에 위치한 볼트와 너트를
균등히 조여가며 하우징이 서로 맞닿을
때까지 조립합니다.

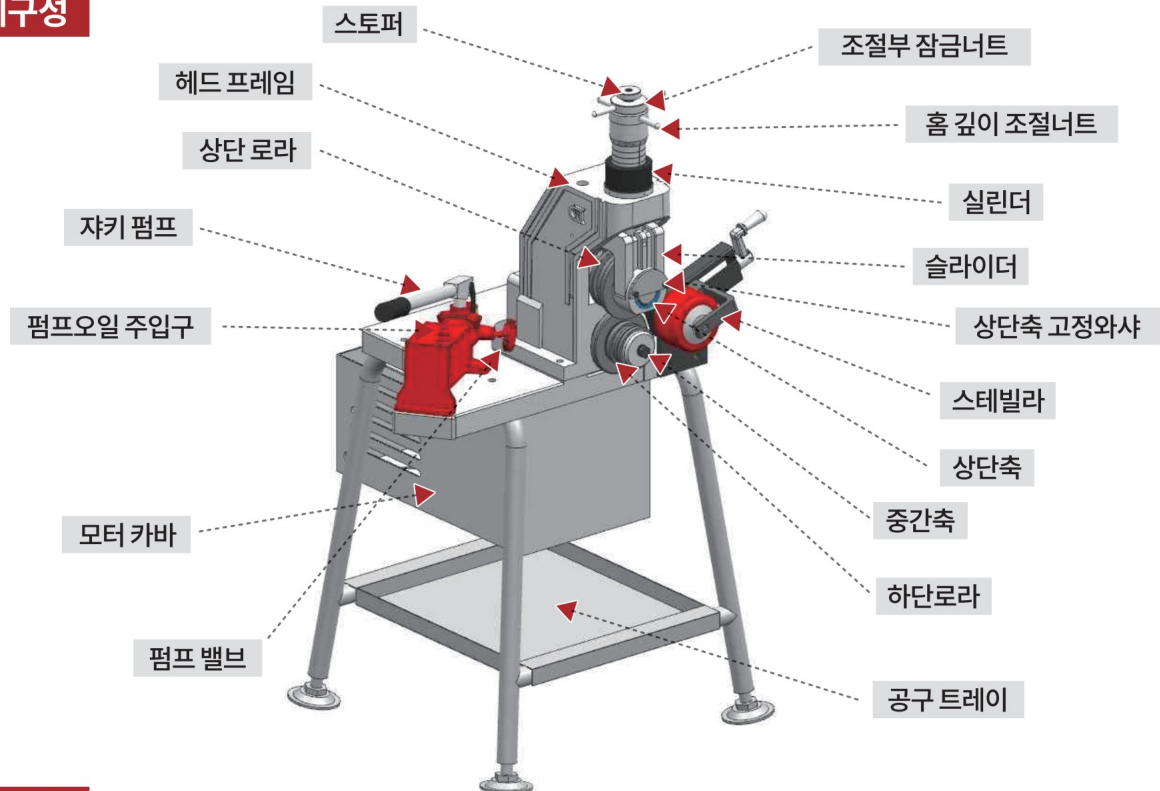


6. 조립검사

파이프 연결 부위에서 메인파트와
커플링 사이의 적절한 간격이
있는지 확인합니다.

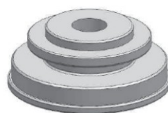
(주)대영피팅 DSC-004 PORTABLE PIPE GROOVE MACHINE

1. 기계구성

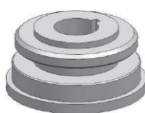


2. 로라구성

A. 상단 로라



25A-40A



50A-150A



200A-300A



상단축

B. 하단 로라



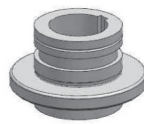
25A



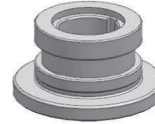
32A-40A



50A-80A



100A-150A



200A-300A



중간축

※ 중간 축은 100A-150A 하단 로라'와 '200A-300A 하단 로라' 사용시에만 체결함

※ 기본 제공 로라는 일반 배관 전용이며 SUS 배관 가공은 불가합니다.

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자재승인원을 제출하오니 당사 자재를 승인하여 주시기를 바랍니다.

20 . . .

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본사 : 경남 진주시 내동면
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原本對照畢





사업자등록증

(법인사업자)

등록번호 : 304-86-01356

법인명(단체명) : 주식회사 대현

대표자 : 김기연

개업연월일 : 2019년 05월 01일 법인등록번호 : 191111-0085891

사업장소재지 : 경상남도 진주시 내동면 내축로577번길 29-5

본점소재지 : 경상남도 진주시 내동면 내축로577번길 29-5

사업의종류 : ☒업태 제조업 ☒종목 기타구조금속물

도매 및 소매업

상품중개업

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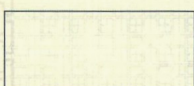
E-mail. daehyun3268@dhgroove.com

사업자 단위 과세 적용사업자 여부 : 여() 부(✓)

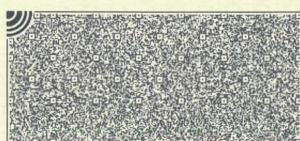
전자세금계산서 전용 전자우편주소 : daehyun3268@dhgroove.com

2023년 03월 10일

진주세무서장



국세청
National Tax Service



原本對照畢



(주)대현

19

Certificate of Compliance

Certificate Number:

UL-US-L16263-57041-
61504102-2

Report Reference:

EX16263-20140516

Issue Date:

2024-09-30

Issued to:

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd Weifang, Shandong 261021
China

This certificate confirms that representative samples of:

VIZM - Fittings, Rubber Gasketed

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 213, Edition: 5, Issue Date: 2019-7-12, Revision Date: 2023-10-17

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



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David Piecuch
UL Mark Certification Program Owner

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Certificate of Compliance

Certificate Number:

UL-US-L16264-57001-61504102-2

Report Reference:

EX16264-20140516

Issue Date:

2024-01-25

Issued to:

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd Weifang, Shandong Sheng 261021
China

This certificate confirms that representative samples of:

VIZA - Fittings, Grooved and Plain End

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 213C, Edition: 1, Issue Date: 2009-9-8

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch
UL Mark Certification Program Manager

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原本對照畢



DAEHYUN INC. XHTONG

GROOVED COUPLINGS AND FITTINGS

UL Product iQ®



Model XGQT1

File Number: EX16263

COMPANY
WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO
XGQT1
Coupling

COUPLINGS, FLANGE ADAPTERS			
Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	300 (2068)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300 (2068)
Grooved, Cut	GB/T 3091	76.1 mm, 108.1 mm, 133 mm, 139.7 mm, 159 mm, 165.1 mm	300 (2068)

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UL Product iQ®



Model XGQT1H

File Number: EX16263

COMPANY
WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO
XGQT1H
Coupling

COUPLINGS, FLANGE ADAPTERS			
Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	500 (3447)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	500 (3447)
Grooved, Cut	GB/T 3091	76.1 mm, 108.1 mm, 133 mm, 139.7 mm, 159 mm, 165.1 mm	500 (3447)

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UL Product iQ®



Model XGQT1G

File Number: EX16263

COMPANY
WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO
XGQT1G
Coupling

COUPLINGS, FLANGE ADAPTERS			
Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	500 (3447)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	500 (3447)
Grooved, Cut	GB/T 3091	3 OD, 5-1/2 OD, 6-1/2 OD	500 (3447)
Grooved, Cut	GB/T 21835 (4.0 mm wall thickness)	4-1/4 OD, 5-1/4 OD	500 (3447)
Grooved, Cut	GB/T 21835 (4.5 mm wall thickness)	6-1/4 OD	500 (3447)
Grooved, Cut	JIS G3452	216.3 mm, 267.4 mm, 318.5 mm	500 (3447)

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UL Product iQ®



Model XGQT2

File Number: EX16263

COMPANY
WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO
XGQT2
Flexible coupling

COUPLINGS, FLANGE ADAPTERS			
Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	300 (2068)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300 (2068)
Grooved, Cut	GB/T 3091	76.1 mm, 108 mm, 133 mm, 139.7 mm, 159 mm, 165.1 mm	300 (2068)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

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UL Product iQ®



Model XGQT2H
File Number: EX16263

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT2H
Flexible coupling

COUPLINGS, FLANGE ADAPTERS

Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	500 (3447)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	500 (3447)
Grooved, Cut	G8/T 3091	76.1 mm, 108 mm, 133 mm, 139.7 mm, 159 mm, 165.1 mm	500 (3447)

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UL Product iQ®



Model XGQT2G
File Number: EX16263

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT2G
Flexible coupling

COUPLINGS, FLANGE ADAPTERS

Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Rolled	Sch. 10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10	500 (3447)
Grooved, Cut	Sch. 40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	500 (3447)
Grooved, Cut	G8/T 3091	3 OD, 5-1/2 OD, 6-1/2 OD	500 (3447)
Grooved, Cut	G8/T 21835	4-1/4 OD (4.0 mm), 5-1/4 OD (4.5 mm), 6-1/4 OD (4.5 mm)	500 (3447)
Grooved, Cut	JIS G3452	216.3 mm, 267.4 mm, 318.5 mm	500 (3447)

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UL Product iQ®



Model XGQT6
File Number: EX16263

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT6
Coupling

COUPLINGS, FLANGE ADAPTERS

Outlet Type	Pipe Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved, Sch. 10	1-1/4x1, 1-1/2 x 1, 1-1/4, 2 x 1, 1-1/4, 1-1/2, 2-1/2 x 1, 1-1/4, 1-1/2, 2, 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm		300 (2068)
Grooved, Sch. 10	4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 5 x 2, 3, 4, 6 x 2, 3, 4, 139.7 mm, 5, 8 x 2, 3, 4, 139.7 mm, 5, 165.1 mm, 6		300 (2068)
Grooved, G8/T 3091	76.1 mm x 1, 1-1/4, 1-1/2, 2, 139.7 mm x 2, 3, 4, 165.1 mm x 4, 139.7 mm		300 (2068)

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UL Product iQ®



Model XGQT3S
File Number: EX16263

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT3S
Side outlet

SIDE OUTLETS

Outlet Type	Pipe Type	Run Pipe Size, NPS (unless otherwise indicated)	Outlet Pipe Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	1-1/4	1/2, 3/4, 1	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	1-1/2	1/2, 3/4, 1	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	2	1/2, 3/4, 1, 1-1/4, 1-1/2	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	2-1/2	1/2, 3/4, 1, 1-1/4, 1-1/2	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	3	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	4	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	5	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	6	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	8	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Threaded Sch. 10 x Sch. 40	Sch. 40 x Sch. 40	10	2, 2-1/2, 3	300 (2068)



DAEHYUN INC. XHTONG

GROOVED COUPLINGS AND FITTINGS

SIDE OUTLETS				
Outlet Type	Pipe Type	Run Pipe Size, NPS (unless otherwise indicated)	Outlet Pipe Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Threaded Sch. 10 x G8/T 3091	4		76.1mm	300 (2068)
Threaded Sch. 10 x G8/T 3091	5		76.1mm	300 (2068)
Threaded Sch. 10 x G8/T 3091	6		76.1mm	300 (2068)
Threaded Sch. 10 x G8/T 3091	8		76.1mm	300 (2068)
Threaded Sch. 10 x G8/T 3091	10		76.1mm	300 (2068)
Threaded Sch. 40 x G8/T 3091	4		76.1mm	300 (2068)
Threaded Sch. 40 x G8/T 3091	5		76.1mm	300 (2068)
Threaded Sch. 40 x G8/T 3091	6		76.1mm	300 (2068)
Threaded Sch. 40 x G8/T 3091	8		76.1mm	300 (2068)
Threaded Sch. 40 x G8/T 3091	10		76.1mm	300 (2068)
Threaded G8/T 3091 x Sch. 40	3 OD		1/2, 3/4, 1, 1-1/4, 1-1/2, 2	300 (2068)
Threaded G8/T 3091 x Sch. 40	108 mm		1, 1-1/4, 1-1/2, 2	300 (2068)
Threaded G8/T 3091 x Sch. 40	133 mm		1, 1-1/4, 1-1/2, 2	300 (2068)
Threaded G8/T 3091 x Sch. 40	139.7 mm		1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Threaded G8/T 3091 x Sch. 40	159 mm		1, 1-1/4, 1-1/2, 2, 3	300 (2068)
Threaded G8/T 3091 x Sch. 40	165.1 mm		1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Threaded G8/T 3091	108 mm		76.1mm	300 (2068)
Threaded G8/T 3091	133 mm		76.1mm	300 (2068)
Threaded G8/T 3091	139.7 mm		76.1mm	300 (2068)
Threaded G8/T 3091	159 mm		76.1mm	300 (2068)
Threaded G8/T 3091	165.1 mm		76.1mm	300 (2068)
Threaded JIS G3452	216.3 mm		1, 1-1/4, 1-1/2, 2, 3OD, 3, 4	300 (2068)
Threaded JIS G3452	267.4 mm		1, 1-1/4, 1-1/2, 2, 3OD, 3, 4	300 (2068)

NOTES
Notes
1/2, 3/4, and 1 in. nominal outlet sizes are intended for direct connection to sprinklers.
1 in. and larger nominal outlet sizes are intended for connection to system piping.

SIDE OUTLETS				
Outlet Type	Pipe Type	Run Pipe Size, NPS (unless otherwise indicated)	Outlet Pipe Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved Sch. 40 x G8/T 3091	5		3 OD (76.1 mm)	300 (2068)
Grooved Sch. 40 x G8/T 3091	6		3 OD (76.1 mm)	300 (2068)
Grooved Sch. 40 x G8/T 3091	8		3 OD (76.1 mm), 108mm	300 (2068)
Grooved Sch. 40 x G8/T 3091	10		108mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	3		76.1 mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	4		76.1 mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	5		76.1 mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	6		76.1 mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	8		76.1 mm, 108mm	300 (2068)
Grooved Sch. 10 x G8/T 3091	10		108mm	300 (2068)
Grooved G8/T 3091 x 76.1 mm Sch. 10			1-1/4, 1-1/2, 2	300 (2068)
Grooved G8/T 3091 x 108 mm Sch. 10			2	300 (2068)
Grooved G8/T 3091 x 139.7 mm Sch. 10			1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved G8/T 3091 x 159 mm Sch. 10			1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved G8/T 3091 x 165.1 mm Sch. 10			1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved G8/T 3091 x 76.1 mm Sch. 40			1-1/4, 1-1/2, 2	300 (2068)
Grooved G8/T 3091 x 108 mm Sch. 40			2	300 (2068)
Grooved G8/T 3091 x 139.7 mm Sch. 40			1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)

UL Product iQ®



Model XGQT3
File Number: EX16263

COMPANY
WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO
XGQT3
Side outlet

SIDE OUTLETS				
Outlet Type	Pipe Type	Run Pipe Size, NPS (unless otherwise indicated)	Outlet Pipe Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved Sch. 10, Sch. 40	2		1-1/4, 1-1/2	300 (2068)
Grooved Sch. 10, Sch. 40	2-1/2		1-1/4, 1-1/2	300 (2068)
Grooved Sch. 10, Sch. 40	3		1-1/4, 1-1/2, 2, 2-1/2	300 (2068)
Grooved Sch. 10, Sch. 40	4		1, 1-1/4, 1-1/2, 2, 2-1/2, 3	300 (2068)
Grooved Sch. 10, Sch. 40	5		1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved Sch. 10, Sch. 40	6		1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved Sch. 10, Sch. 40	8		1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved Sch. 10, Sch. 40	10		2, 2-1/2, 3, 4	300 (2068)
Grooved Sch. 40 x G8/T 3091	3		3 OD (76.1 mm)	300 (2068)
Grooved Sch. 40 x G8/T 3091	4		3 OD (76.1 mm)	300 (2068)

SIDE OUTLETS				
Outlet Type	Pipe Type	Run Pipe Size, NPS (unless otherwise indicated)	Outlet Pipe Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Grooved G8/T 3091 x 159 mm Sch. 40			1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved G8/T 3091 x 165.1 mm Sch. 40			1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2068)
Grooved G8/T 3091	108 mm		76.1 mm	300 (2068)
Grooved G8/T 3091	139.7 mm		76.1 mm	300 (2068)
Grooved G8/T 3091	159 mm		76.1 mm	300 (2068)
Grooved G8/T 3091	165.1 mm		76.1 mm	300 (2068)
Grooved JIS G3452	216.3 mm		1, 1-1/4, 1-1/2, 2, 3OD, 3, 4	300 (2068)
Grooved JIS G3452	267.4 mm		1, 1-1/4, 1-1/2, 2, 3OD, 3, 4	300 (2068)

NOTES
Notes
1 in. and larger nominal outlet sizes are intended for connection to system piping.



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UL Product iQ®



Model 003

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

003
Grooved fitting

PRODUCT INFORMATION		
Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Equal tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1mm, 3, 4, 139.7mm, 5, 165.1mm, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	500 (3447)

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UL Product iQ®



Model 05

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

05
Grooved fitting

PRODUCT INFORMATION			Rated Pressure, psig (kPa)
Type	Size, NPS (unless otherwise indicated)		
Reducing tee	1-1/4 x 1, 1-1/2 x 1, 1-1/4, 2 x 1, 1-1/4, 1-1/2, 2-1/2 x 1, 1-1/4, 1-1/2, 2-1/2, 76.1mm x 1, 1-1/4, 1-1/2, 2, 3 x 1, 1-1/4, 1-1/2, 2, 76.1mm,		500 (3447)
tee	1-1/4, 1-1/2, 2, 3 x 1, 1-1/4, 1-1/2, 2, 76.1mm,		
tee	4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1mm, 3, 139.7mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 5 x 1, 1-		500 (3447)
tee	1/4, 1-1/2, 2, 76.1mm, 3, 4,		
tee	Reducing 165.1mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 139.7mm x 6 x 1, 1-1/4, 1-1/2, 2, 2, 76.1mm, 3,		500 (3447)
tee	4, 139.7mm, 5,		
tee	Reducing 216.3mm x 2, 76.1mm, 3, 4, 139.7mm, 165.1mm, 8, 2 x 76.1mm, 3, 4, 139.7mm, 5, 165.1mm, 500 (3447)		
tee	6, 267.4mm x 4, 139.7mm, 165.1mm, 216.3mm,		
tee	Reducing 10 x 4, 139.7mm, 165.1mm, 6, 8, 318.5mm x 4, 139.7mm, 165.1mm, 216.3mm, 267.4mm, 12		500 (3447)
tee	x 4, 139.7mm, 165.1mm, 6, 8, 10		

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DAEHYUN INC . XHTONG

GROOVED COUPLINGS AND FITTINGS

UL Product iQ®



Model 05S

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

05S
Grooved fitting

PRODUCT INFORMATION		
Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
Threaded reducing tee	1-1/4 x 1, 1-1/2 x 1, 1-1/4, 2 x 1, 1-1/4, 1-1/2, 3 x 1, 1-1/4, 1-1/2, 2, 76.1mm,	500 (3447)
Threaded reducing tee	4 x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 139.7mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 5 x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4,	500 (3447)
Threaded reducing tee	165.1mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 216.3mm x 2, 76.1mm, 3, 4, 8 x 2, 76.1mm, 3, 4	500 (3447)

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UL Product iQ®



Model 001

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

001
Grooved fitting

PRODUCT INFORMATION		
Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
90° elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1mm, 3, 4, 139.7mm, 5, 165.1mm, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	500 (3447)

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Model 02

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

02
Grooved fitting

PRODUCT INFORMATION

Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
45° elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1mm, 3, 4, 139.7mm, 5, 165.1mm, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	500 (3447)

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Model XGQT021

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT021
Grooved fitting

PRODUCT INFORMATION

Type	Size, NPS (unless otherwise indicated)	Rated Pressure, psig (kPa)
22.5° elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm)	300 (2068)
22.5° elbow	6-1/2 OD (165.1 mm), 6, 8, 10, 12	300 (2068)

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DAEHYUN INC . XHTONG

GROOVED COUPLINGS AND FITTINGS

UL Product iQ®



Model XGQT022

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT022
Grooved fitting

PRODUCT INFORMATION		Rated Pressure, psig (kPa)
Type	Size, NPS (unless otherwise indicated)	
11.25" elbow	1-1/4, 1-1/2, 2, 2-1/2, 3 OD (96.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm)	300 (2068)
11.25" elbow	6-1/2 OD (165.1 mm), 6, 8, 10, 12	300 (2068)

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UL Product iQ®



Model 07

File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

07
Grooved fitting

PRODUCT INFORMATION		Rated Pressure, psig (kPa)
Type	Size, NPS (unless otherwise indicated)	
Grooved Concentric Reducer	1-1/4 x 1, 1-1/2 x 1, 1-1/4, 2 x 1, 1-1/4, 1-1/2, 76.1mm x 1, 1-1/4, 1-1/2, 2, 3 x 1, 500 (3447)	
Grooved Concentric Reducer	1-1/4, 1-1/2, 2, 76.1mm, 3, 139.7mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 5 x 500 (3447)	
Grooved Concentric Reducer	4 x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 139.7mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 5 x 500 (3447)	
Grooved Concentric Reducer	165.1mm x 1, 1-1/4, 1-1/2, 2, 76.1mm, 3, 4, 139.7mm, 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1mm, 3, 4, 139.7mm, 5, 500 (3447)	
Grooved Concentric Reducer	216.3mm x 2, 76.1mm, 3, 4, 139.7mm, 165.1mm, 8 x 2, 76.1mm, 3, 4, 139.7mm, 5, 165.1mm, 6, 500 (3447)	
Grooved Concentric Reducer	267.4mm x 4, 139.7mm, 165.1mm, 216.3mm, 10 x 4, 139.7mm, 165.1mm, 6, 8, 500 (3447)	
Grooved Concentric Reducer	318.5mm x 4, 139.7mm, 165.1mm, 216.3mm, 267.4mm, 12 x 4, 139.7mm, 165.1mm, 6, 8, 10, 500 (3447)	

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DAEHYUN INC . XHTONG

GROOVED COUPLINGS AND FITTINGS

UL Product iQ®

Model XGQT08
File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

XGQT08
Grooved fitting

PRODUCT INFORMATION		Rated Pressure, psig (kPa)
Type	Size, NPS (unless otherwise indicated)	
Flange	2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (138.1 mm), 4, 5-1/4 OD (139.7 mm), 5-1/2 OD (139.7 mm), 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm)	300 (2068)
adapter	6, 8, 10, 12	300 (2068)

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UL Product iQ®

Model 09
File Number: EX16264

COMPANY

WEIFANG XINHUITONG METAL WORK CO LTD
The Cross Section Of Yuqing Street
And Tangfei Rd
Weifang, Shandong 261021 China

MODEL INFO

09
Grooved fitting

PRODUCT INFORMATION		Rated Pressure, psig (kPa)
Type	Size, NPS (unless otherwise indicated)	
End	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6	500 (3447)
cap	216.3mm, 8, 267.4mm, 10, 318.5mm, 12	

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Certificate of Compliance

This certificate is issued for the following:

Grooved Rigid and Flexible Couplings
Threaded Mechanical Tees

Prepared for:

Weifang XinHuiTong Metal Work Co., Ltd.
The Cross Section of YuQing Street and TengFei Rd
Weifang City, Shangdong
China

Manufactured at:

Weifang XinHuiTong Metal Work Co., Ltd.
The Cross Section of YuQing Street and TengFei Rd
Weifang City, Shangdong
China

FM Approvals Class: 1920, dated November 2007

Approval Identification: 0003046520

Approval Granted: January 3, 2013

Said Approval is subject to satisfactory field performance, continuing follow-up Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.



Richard B. Dunne
Group Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062





Certificate of Compliance

This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Use with Aboveground Sprinkler Systems

Model XGQT01D 90 Degree Drain Elbow	Model XGQT01H 90 Degree Hydrant Elbow	Model XGQT01L 90 Degree Elbow
Model XGQT01R 90 Degree Reducing Elbow	Model XGQT02L 45 Degree Elbow	Model XGQT03L Equal Tee
Model XGQT04L Equal Cross	Model XGQT05L Grooved Outlet Reducing Tee	Model XGQT05L Threaded Outlet Reducing Tee

Prepared for:

Weifang XinHuiTong Metal Work Co Ltd
The Cross Section of YuQing Street & TengFei Road
Weifang City, Shandong Province
China

Manufactured at:

Weifang XinHuiTong Metal Work Co Ltd
The Cross Section of YuQing Street & TengFei Road
Weifang City, Shandong Province
China

FM Approvals Class: 1920 – “Pipe Couplings and Fittings for Aboveground Fire Protection Systems”

Approval Identification: 3058011

Approval Granted: August 2, 2016

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller
AVP - Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062 USA



Certificate of Compliance

This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Use with Aboveground Sprinkler Systems

Model XGQT06L Grooved Outlet Reducing Cross	Model XGQT06LS Threaded Outlet Reducing Cross	Model XGQT07L Grooved Outlet Concentric Reducer
Model XGQT07L Grooved Outlet Concentric Reducer	Model XGQT07LS Threaded Outlet Concentric Reducer	Model XGQT08A Grooved Outlet Flange Adapter
Model XGQT09L End Cap	Model XGQT10 End Cap with Eccentric Hole	Model XGQT11 Eccentric Reducer
		Model XGQT5E Bullhead Tee

Prepared for:

Weifang XinHuiTong Metal Work Co Ltd
The Cross Section of YuQing Street & TengFei Road
Weifang City, Shandong Province
China

Manufactured at:

Weifang XinHuiTong Metal Work Co Ltd
The Cross Section of YuQing Street & TengFei Road
Weifang City, Shandong Province
China

FM Approvals Class: 1920 – “Pipe Couplings and Fittings for Aboveground Fire Protection Systems”

Approval Identification: 3058011

Approval Granted: August 2, 2016

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



David B. Fuller
AVP - Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062 USA



Member of the FM Global Group





Certificate of Compliance

This certificate is issued for the following:

Grooved Pipe Fittings

Prepared for:

Weifang XinHuiTong Metal Work Co., Ltd.
The Cross Section of YuQing Street and TengFei Road
Weifang City, Shangdong
China

Manufactured at:

Weifang XinHuiTong Metal Work Co., Ltd.
The Cross Section of YuQing Street and TengFei Road
Weifang City, Shangdong
China

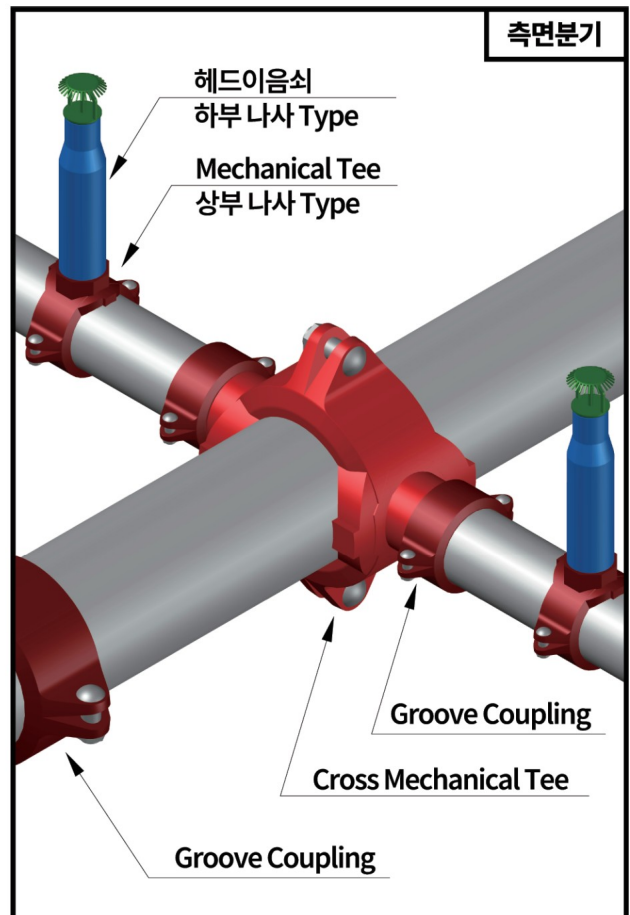
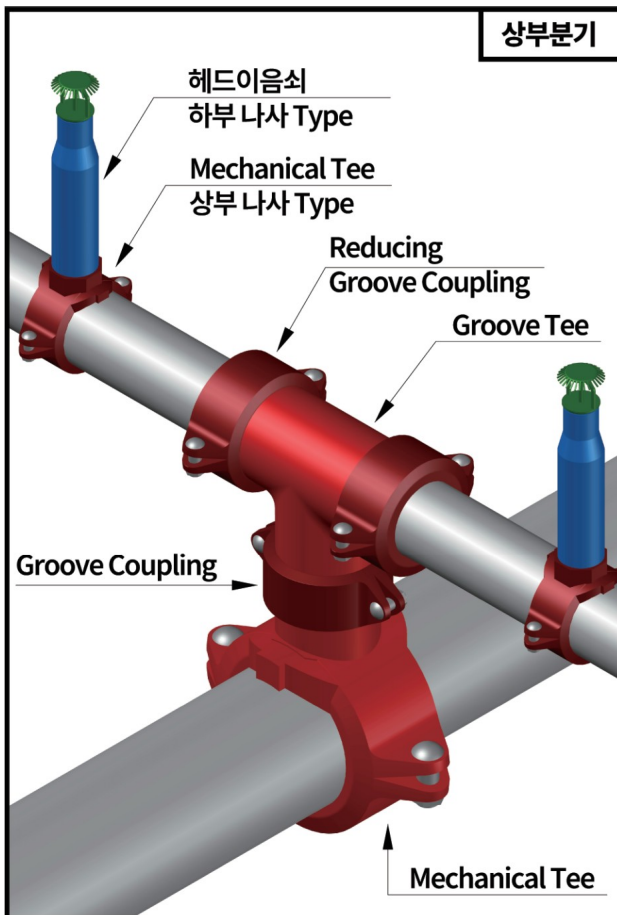
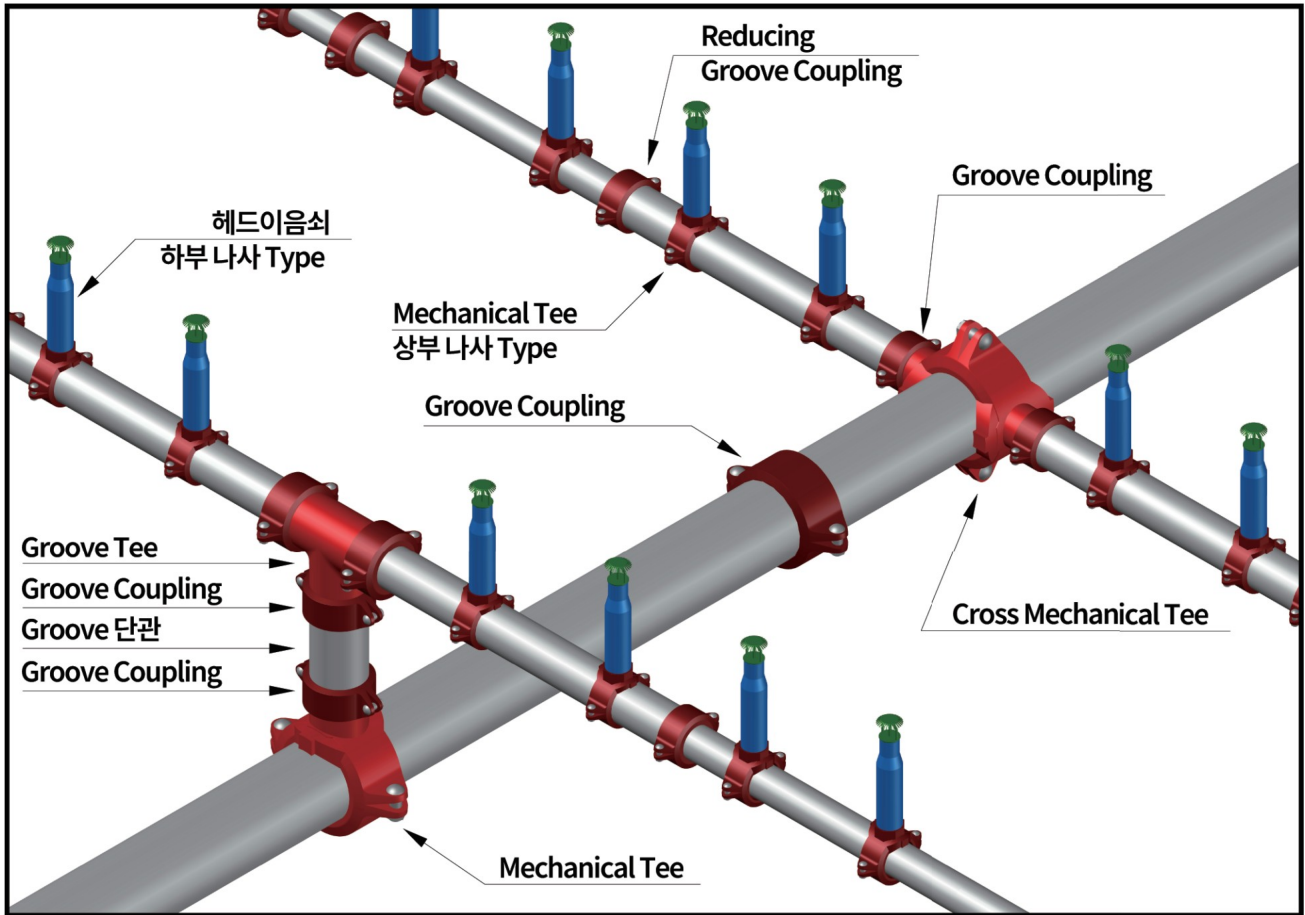
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Approval Identification: 0003046493 Approval Granted: August 21, 2012

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Richard B. Dunne
Group Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062





DH (주)대현 XHTONG

소화배관 용접 **ZERO!**
시공 현장 화재 **원천 차단**
소화배관 부식률 **0%**

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최고

안전
최고

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