



PRESS FITTINGS FOR MULTILAYER PIPE

/ RACCORDI A PRESSARE PER TUBO MULTISTRATO
/ PRESS FITTINGS FÜR MEHRSCICHTVERBUNDROHR
/ RACCORDE À SERTIR POUR TUBE MULTICOUCHE

PRESS FITTINGS FOR MULTILAYER PIPE

/ RACCORDI A PRESSARE PER TUBO MULTISTRATO
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/ RACCORDS À SERTIR POUR TUBE MULTICOUCHE





PRESS FITTINGS FOR MULTILAYER PIPE

COMISA PRESS	4
COMISA PRESS TIN PLATED	18
COMISA PRESS GAS	28

COMISA PRESS

BRASS

UNI EN 12164/12165
CW 617N
DIN 50930-6

STRAIGHT COUPLER

/ RACCORDO DIRITTO
/ KUPPLUNG
/ MANCHON ÉGAL

870

CODE	TECH. CODE	SIZE 		
87.10.140	MU0870000140	14 x 2	10	100
87.10.160	MU0870000160	16 x 2	10	100
87.10.161	MU0870000560	16 x 2,25	10	100
87.10.170	MU0870000170	17 x 2	10	100
87.10.180	MU0870000180	18 x 2	10	100
87.10.200	MU0870000200	20 x 2	10	80
87.10.201	MU0870000510	20 x 2,5	10	80
87.10.250	MU0870000250	25 x 2,5	5	50
87.10.260	MU0870000260	26 x 3	5	50
87.10.320	MU0870000320	32 x 3	1	30
87.10.400	MU0870000400	40 x 3,5	1	20
87.10.500	MU0870000500	50 x 4	1	10
87.10.631	MU0870000630	63 x 6	1	5
	MU0870000750	75 x 5 	1	5

REDUCING COUPLER

/ RACCORDO DIRITTO RIDOTTO
/ KUPPLUNG REDUZIERT
/ MANCHON RÉDUIT

870R

CODE	TECH. CODE	SIZE 		
87.11.160	MU0870R16140	16 x 2 - 14 x 2	10	100
87.11.181	MU0870R18160	18 x 2 - 16 x 2	10	100
87.11.200	MU0870R20140	20 x 2 - 14 x 2	10	100
87.11.201	MU0870R20160	20 x 2 - 16 x 2	10	80
87.11.203	MU0870R20180	20 x 2 - 18 x 2	10	80
87.11.205	MU0870R51160	20 x 2,5 - 16 x 2	10	80
87.11.206	MU0870R51560	20 x 2,5 - 16 x 2,25	10	80
87.11.250	MU0870R25160	25 x 2,5 - 16 x 2	5	50
87.11.252	MU0870R25200	25 x 2,5 - 20 x 2	5	50
87.11.260	MU0870R26160	26 x 3 - 16 x 2	5	50
87.11.262	MU0870R26180	26 x 3 - 18 x 2	5	50
87.11.263	MU0870R26200	26 x 3 - 20 x 2	5	50
87.11.264	MU0870R26510	26 x 3 - 20 x 2,5	5	50
87.11.320	MU0870R32160	32 x 3 - 16 x 2	1	50
87.11.321	MU0870R32180	32 x 3 - 18 x 2	1	50
87.11.322	MU0870R32200	32 x 3 - 20 x 2	1	50
87.11.324	MU0870R32250	32 x 3 - 25 x 2,5	1	50
87.11.325	MU0870R32260	32 x 3 - 26 x 3	1	30
87.11.401	MU0870R40260	40 x 3,5 - 26 x 3	1	30
87.11.402	MU0870R40320	40 x 3,5 - 32 x 3	1	30
87.11.501	MU0870R50320	50 x 4 - 32 x 3	1	10
87.11.600	MU0870R50400	50 x 4 - 40 x 3,5	1	10
87.11.640	MU0870R63400	63 x 6 - 40 x 3,5	1	5
87.11.650	MU0870R63500	63 x 6 - 50 x 4	1	5
	MU0870R75400	75 x 5 - 40 x 3,5 	1	5
	MU0870R75500	75 x 5 - 50 x 4 	1	5

MALE COUPLER

/ RACCORDO DIRITTO MASCHIO
/ ÜBERGANG MIT AG
/ MANCHON MÂLE



871

CODE	TECH. CODE	SIZE 		
87.12.140	MU0871005140	14 x 2 - 1/2"	10	120
87.12.150	MU0871003160	16 x 2 - 3/8"	10	150
87.12.160	MU0871005160	16 x 2 - 1/2"	10	120
87.12.161	MU0871005560	16 x 2,25 - 1/2"	10	120
87.12.164	MU0871007160	16 x 2 - 3/4"	10	120
87.12.180	MU0871005180	18 x 2 - 1/2"	10	120
87.12.181	MU0871007180	18 x 2 - 3/4"	10	120
87.12.200	MU0871005200	20 x 2 - 1/2"	10	120
87.12.201	MU0871007200	20 x 2 - 3/4"	10	100
87.12.202	MU0871005510	20 x 2,5 - 1/2"	10	120
87.12.203	MU0871007510	20 x 2,5 - 3/4"	10	100
87.12.250	MU0871007250	25 x 2,5 - 3/4"	5	60
87.12.251	MU0871010250	25 x 2,5 - 1"	5	50
87.12.255	MU0871005260	26 x 3 - 1/2"	5	60
87.12.260	MU0871007260	26 x 3 - 3/4"	5	60
87.12.261	MU0871010260	26 x 3 - 1"	5	50
87.12.320	MU0871010320	32 x 3 - 1"	1	40
87.12.321	MU0871012320	32 x 3 - 1 1/4"	1	30
87.12.400	MU0871010400	40 x 3,5 - 1"	1	20
87.12.401	MU0871012400	40 x 3,5 - 1 1/4"	1	20
87.12.500	MU0871012500	50 x 4 - 1 1/4"	1	10
87.12.501	MU0871015500	50 x 4 - 1 1/2"	1	10
87.12.631	MU0871020630	63 x 6 - 2"	1	5
	MU0871025750	75 x 5 - 2 1/2" 	1	5

FEMALE COUPLER

/ RACCORDO DIRITTO FEMMINA
/ ÜBERGANG MIT IG
/ MANCHON FEMELLE



880

CODE	TECH. CODE	SIZE 		
87.13.140	MU0880005140	14 x 2 - 1/2"	10	120
87.13.160	MU0880005160	16 x 2 - 1/2"	10	120
87.13.161	MU0880005560	16 x 2,25 - 1/2"	10	120
87.13.164	MU0880007160	16 x 2 - 3/4"	10	100
87.13.180	MU0880005180	18 x 2 - 1/2"	10	120
87.13.181	MU0880007180	18 x 2 - 3/4"	10	100
87.13.200	MU0880005200	20 x 2 - 1/2"	10	120
87.13.201	MU0880007200	20 x 2 - 3/4"	10	80
87.13.202	MU0880005510	20 x 2,5 - 1/2"	10	120
87.13.203	MU0880007510	20 x 2,5 - 3/4"	10	100
87.13.250	MU0880007250	25 x 2,5 - 3/4"	10	60
87.13.251	MU0880010250	25 x 2,5 - 1"	5	50
87.13.255	MU0880005260	26 x 3 - 1/2"	5	60
87.13.260	MU0880007260	26 x 3 - 3/4"	5	60
87.13.261	MU0880010260	26 x 3 - 1"	5	50
87.13.320	MU0880010320	32 x 3 - 1"	1	40
87.13.321	MU0880012320	32 x 3 - 1 1/4"	1	30
87.13.400	MU0880010400	40 x 3,5 - 1"	1	20
87.13.401	MU0880012400	40 x 3,5 - 1 1/4"	1	20
87.13.405	MU0880015400	40 x 3,5 - 1 1/2"	1	20
87.13.500	MU0880012500	50 x 4 - 1 1/4"	1	10
87.13.501	MU0880015500	50 x 4 - 1 1/2"	1	10
87.13.631	MU0880020630	63 x 6 - 2"	1	5
	MU0880025750	75 x 5 - 2 1/2" 	1	5

FEMALE ELBOW 90°

/ GOMITO 90° FEMMINA
/ WINKEL 90° MIT IG
/ COUDE 90° FEMELLE



862

CODE	TECH. CODE	SIZE 		
87.17.140	MU0862005140	14 x 2 - 1/2"	10	80
87.17.159	MU08620H5160	16 x 2 - 1/2" • DISTANCE 33 mm	10	80
87.17.160	MU0862005160	16 x 2 - 1/2" • DISTANCE 25 mm	10	80
87.17.161	MU0862005560	16 x 2,25 - 1/2"	10	80
87.17.164	MU0862007160	16 x 2 - 3/4"	10	80
87.17.180	MU0862005180	18 x 2 - 1/2"	10	80
87.17.181	MU0862007180	18 x 2 - 3/4"	10	60
87.17.200	MU0862005200	20 x 2 - 1/2"	10	60
87.17.201	MU0862007200	20 x 2 - 3/4"	10	50
87.17.202	MU0862005510	20 x 2,5 - 1/2"	10	60
87.17.203	MU0862007510	20 x 2,5 - 3/4"	10	50
87.17.250	MU0862007250	25 x 2,5 - 3/4"	5	40
87.17.260	MU0862007260	26 x 3 - 3/4"	5	40
87.17.265	MU0862010260	26 x 3 - 1"	5	40
87.17.320	MU0862010320	32 x 3 - 1"	1	20
87.17.400	MU0862012400	40 x 3,5 - 1 1/4"	1	15
87.17.500	MU0862012500	50 x 4 - 1 1/4"	1	10
87.17.501	MU0862015500	50 x 4 - 1 1/2"	1	10



ELBOW 90°

/ GOMITO 90°
/ WINKEL 90°
/ COUDE 90°



860

CODE	TECH. CODE	SIZE 		
87.14.160	MU0860000160	16 x 2	10	80
87.14.161	MU0860000560	16 x 2,25	10	80
87.14.180	MU0860000180	18 x 2	10	80
87.14.200	MU0860000200	20 x 2	10	60
87.14.201	MU0860000510	20 x 2,5	10	60
87.14.250	MU0860000250	25 x 2,5	5	40
87.14.260	MU0860000260	26 x 3	5	40
87.14.320	MU0860000320	32 x 3	1	20
87.14.340	MU0860000400	40 x 3,5	1	15
87.14.350	MU0860000500	50 x 4	1	10
87.14.631	MU0860000630	63 x 6	1	5
	MU0860000750	75 x 5 	1	3

MALE ELBOW 90°

/ GOMITO 90° MASCHIO
/ WINKEL 90° MIT AG
/ COUDE 90° MÂLE



861

CODE	TECH. CODE	SIZE 		
87.16.140	MU0861005140	14 x 2 - 1/2"	10	80
87.16.160	MU0861005160	16 x 2 - 1/2"	10	80
87.16.161	MU0861005560	16 x 2,25 - 1/2"	10	80
87.16.164	MU0861007160	16 x 2 - 3/4"	10	80
87.16.180	MU0861005180	18 x 2 - 1/2"	10	80
87.16.200	MU0861005200	20 x 2 - 1/2"	10	80
87.16.201	MU0861007200	20 x 2 - 3/4"	10	60
87.16.202	MU0861005510	20 x 2,5 - 1/2"	10	80
87.16.203	MU0861007510	20 x 2,5 - 3/4"	10	60
87.16.250	MU0861007250	25 x 2,5 - 3/4"	5	40
87.16.260	MU0861007260	26 x 3 - 3/4"	5	40
87.16.265	MU0861010260	26 x 3 - 1"	5	40
87.16.320	MU0861010320	32 x 3 - 1"	1	20
87.16.400	MU0861012400	40 x 3,5 - 1 1/4"	1	15
87.16.500	MU0861012500	50 x 4 - 1 1/4"	1	10
87.16.501	MU0861015500	50 x 4 - 1 1/2"	1	10

TEE

/ RACCORDO A T
/ T-STÜCK
/ TÉ



850

CODE	TECH. CODE	SIZE 		
87.18.140	MU0850000140	14 x 2	10	50
87.18.160	MU0850000160	16 x 2	10	50
87.18.161	MU0850000560	16 x 2,25	10	50
87.18.180	MU0850000180	18 x 2	10	40
87.18.200	MU0850000200	20 x 2	10	40
87.18.201	MU0850000510	20 x 2,5	10	40
87.18.250	MU0850000250	25 x 2,5	5	20
87.18.260	MU0850000260	26 x 3	5	20
87.18.320	MU0850000320	32 x 3	1	10
87.18.400	MU0850000400	40 x 3,5	1	10
87.18.500	MU0850000500	50 x 4	1	5
87.18.631	MU0850000630	63 x 6	1	5
	MU0850000750	75 x 5 	1	2

TEE REDUCED MIDDLE SECTION

/ RACCORDO A T RIDOTTO AL CENTRO
/ T-STÜCK MITTELABGANG REDUZIERT
/ TÉ RÉDUIT AU MILIEU

853



CODE	TECH. CODE	SIZE 		
87.19.160	MU085300AFA0	16 x 2 - 14 x 2 - 16 x 2	10	50
87.19.181	MU085300CAC0	18 x 2 - 16 x 2 - 18 x 2	10	50
87.19.201	MU085300BAB0	20 x 2 - 16 x 2 - 20 x 2	10	50
87.19.202	MU085300BCB0	20 x 2 - 18 x 2 - 20 x 2	10	50
87.19.204	MU085300MAM0	20 x 2,5 - 16 x 2 - 20 x 2,5	10	50
87.19.205	MU085300MLM0	20 x 2,5 - 16 x 2,25 - 20 x 2,5	10	50
87.19.250	MU085300GAG0	25 x 2,5 - 16 x 2 - 25 x 2,5	5	20
87.19.252	MU085300GBG0	25 x 2,5 - 20 x 2 - 25 x 2,5	5	20
87.19.260	MU085300DMD0	26 x 3 - 20 x 2,5 - 26 x 3	5	20
87.19.261	MU085300DAD0	26 x 3 - 16 x 2 - 26 x 3	5	20
87.19.262	MU085300DCD0	26 x 3 - 18 x 2 - 26 x 3	5	20
87.19.263	MU085300DBD0	26 x 3 - 20 x 2 - 26 x 3	5	20
87.19.320	MU085300EAE0	32 x 3 - 16 x 2 - 32 x 3	1	20
87.19.321	MU085300ECE0	32 x 3 - 18 x 2 - 32 x 3	1	20
87.19.322	MU085300EBE0	32 x 3 - 20 x 2 - 32 x 3	1	20
87.19.326	MU085300EDE0	32 x 3 - 26 x 3 - 32 x 3	1	20
87.19.402	MU085300HDH0	40 x 3,5 - 26 x 3 - 40 x 3,5	1	10
87.19.403	MU085300HEH0	40 x 3,5 - 32 x 3 - 40 x 3,5	1	10
87.19.500	MU085300IDI0	50 x 4 - 26 x 3 - 50 x 4	1	5
87.19.501	MU085300IEI0	50 x 4 - 32 x 3 - 50 x 4	1	5
87.19.502	MU085300IHI0	50 x 4 - 40 x 3,5 - 50 x 4	1	5
	MU085300NHIO	63 x 6 - 40 x 3,5 - 50 x 4		1 5
	MU085300NHN0	63 x 6 - 40 x 3,5 - 63 x 6		1 5
	MU085300PIPO	75 x 5 - 50 x 4 - 75 x 5		1 2

TEE ENLARGED MIDDLE SECTION

/ RACCORDO A T ALLARGATO AL CENTRO
/ T-STÜCK ERWEITERT
/ TÉ ÉLARGI AU MILIEU

853

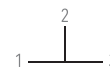


CODE	TECH. CODE	SIZE 		
87.21.140	MU085300FAF0	14 x 2 - 16 x 2 - 14 x 2	10	50
87.21.160	MU085300ACA0	16 x 2 - 18 x 2 - 16 x 2	10	50
87.21.161	MU085300ABA0	16 x 2 - 20 x 2 - 16 x 2	10	50
87.21.162	MU085300AMA0	16 x 2 - 20 x 2,5 - 16 x 2	10	50
87.21.163	MU085300LML0	16 x 2,25 - 20 x 2,5 - 16 x 2,25	10	50
87.21.200	MU085300BGB0	20 x 2 - 25 x 2,5 - 20 x 2	5	20
87.21.201	MU085300DBD0	20 x 2 - 26 x 3 - 20 x 2	5	20
87.21.260	MU085300DED0	26 x 3 - 32 x 3 - 26 x 3	1	20

REDUCING TEE

/ RACCORDO A T RIDOTTO
/ T-STÜCK REDUZIERT
/ TÉ RÉDUIT

853



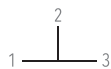
CODE	TECH. CODE	SIZE 		
87.20.181	MU085300CAA0	18 x 2 - 16 x 2 - 16 x 2	10	50
87.20.202	MU085300BAA0	20 x 2 - 16 x 2 - 16 x 2	10	50
87.20.203	MU085300BCC0	20 x 2 - 18 x 2 - 18 x 2	10	50
87.20.204	MU085300BAC0	20 x 2 - 16 x 2 - 18 x 2	10	50
87.20.206	MU085300BBA0	20 x 2 - 20 x 2 - 16 x 2	10	50
87.20.209	MU085300MAA0	20 x 2,5 - 16 x 2 - 16 x 2	10	50
87.20.210	MU085300MLL0	20 x 2,5 - 16 x 2,25 - 16 x 2,25	10	50
87.20.212	MU085300MML0	20 x 2,5 - 20 x 2,5 - 16 x 2	10	50
87.20.250	MU085300GAB0	25 x 2,5 - 16 x 2 - 20 x 2	5	20
87.20.251	MU085300GBA0	25 x 2,5 - 20 x 2 - 16 x 2	5	20
87.20.252	MU085300GBB0	25 x 2,5 - 20 x 2 - 20 x 2	5	20
87.20.254	MU085300GGB0	25 x 2,5 - 25 x 2,5 - 20 x 2	5	20
87.20.259	MU085300DAA0	26 x 3 - 16 x 2 - 16 x 2	5	20
87.20.260	MU085300DAB0	26 x 3 - 16 x 2 - 20 x 2		5 20
87.20.262	MU085300DCC0	26 x 3 - 18 x 2 - 18 x 2	5	20
87.20.264	MU085300DBA0	26 x 3 - 20 x 2 - 16 x 2	5	20
87.20.265	MU085300DBB0	26 x 3 - 20 x 2 - 20 x 2	5	20
87.20.267	MU085300DMM0	26 x 3 - 20 x 2,5 - 20 x 2,5	5	20
87.20.268	MU085300DDM0	26 x 3 - 26 x 3 - 20 x 2,5	5	20
87.20.269	MU085300DDA0	26 x 3 - 26 x 3 - 16 x 2	5	20
87.20.270	MU085300DDB0	26 x 3 - 26 x 3 - 20 x 2	5	20
87.20.320	MU085300EBD0	32 x 3 - 20 x 2 - 26 x 3	1	20
87.20.325	MU085300EDD0	32 x 3 - 26 x 3 - 26 x 3	1	20
87.20.326	MU085300EEB0	32 x 3 - 32 x 3 - 20 x 2	1	20
87.20.329	MU085300EED0	32 x 3 - 32 x 3 - 26 x 3	1	20
87.20.400	MU085300HEE0	40 x 3,5 - 32 x 3 - 32 x 3	1	10
87.20.403	MU085300HDE0	40 x 3,5 - 26 x 3 - 32 x 3	1	10
87.20.404	MU085300HHD0	40 x 3,5 - 40 x 3,5 - 26 x 3	1	10
87.20.405	MU085300HHE0	40 x 3,5 - 40 x 3,5 - 32 x 3	1	10
87.20.500	MU085300IHH0	50 x 4 - 40 x 3,5 - 40 x 3,5	1	10
87.20.501	MU085300IEH0	50 x 4 - 32 x 3 - 40 x 3,5	1	10
87.20.502	MU085300IIE0	50 x 4 - 50 x 4 - 32 x 3	1	5
87.20.503	MU085300IIH0	50 x 4 - 50 x 4 - 40 x 3,5	1	5

• ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

FEMALE TEE

/ RACCORDO A T FEMMINA
/ T-STÜCK MIT IG
/ TÉ FEMELLE

852



CODE	TECH. CODE	SIZE 		
87.23.160	MU0852005160	16 x 2 - 1/2" - 16 x 2	10	50
87.23.161	MU0852005560	16 x 2,25 - 1/2" - 16 x 2,25	10	50
87.23.180	MU0852005180	18 x 2 - 1/2" - 18 x 2	10	50
87.23.181	MU0852007180	18 x 2 - 3/4" - 18 x 2	10	50
87.23.200	MU0852005200	20 x 2 - 1/2" - 20 x 2	10	40
87.23.201	MU0852007200	20 x 2 - 3/4" - 20 x 2	10	40
87.23.202	MU0852005510	20 x 2,5 - 1/2" - 20 x 2,5	10	40
87.23.250	MU0852005250	25 x 2,5 - 1/2" - 25 x 2,5	5	20
87.23.252	MU0852007250	25 x 2,5 - 3/4" - 25 x 2,5	5	20
87.23.260	MU0852005260	26 x 3 - 1/2" - 26 x 3	5	20
87.23.263	MU0852007260	26 x 3 - 3/4" - 26 x 3	5	20
87.23.320	MU0852005320	32 x 3 - 1/2" - 32 x 3	1	20
87.23.321	MU0852007320	32 x 3 - 3/4" - 32 x 3	1	20
87.23.322	MU0852010320	32 x 3 - 1" - 32 x 3	1	15
87.23.323	MU0852012320	32 x 3 - 1 1/4" - 32 x 3	1	15
87.23.400	MU0852010400	40 x 3,5 - 1" - 40 x 3,5	1	15
87.23.401	MU0852012400	40 x 3,5 - 1 1/4" - 40 x 3,5	1	10
87.23.500	MU0852012500	50 x 4 - 1 1/4" - 50 x 4	1	5
87.23.501	MU0852015500	50 x 4 - 1 1/2" - 50 x 4	1	5
87.23.631	MU0852010630	63 x 6 - 1" - 63 x 6	1	5
87.23.632	MU0852015630	63 x 6 - 1 1/2" - 63 x 6	1	5

ELBOW 45°

/ GOMITO 45°
/ WINKEL 45°
/ COUDE 45°

866



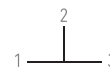
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87.30.260	MU0866000260	26 x 3	5	40
87.30.320	MU0866000320	32 x 3	1	20
87.30.400	MU0866000400	40 x 3,5	1	20
87.30.500	MU0866000500	50 x 4	1	5

• ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

MALE TEE

/ RACCORDO A T MASCHIO
/ T-STÜCK MIT AG
/ TÉ MÂLE

851



CODE	TECH. CODE	SIZE 		
87.22.160	MU0851005160	16 x 2 - 1/2" - 16 x 2	10	50
87.22.161	MU0851005560	16 x 2,25 - 1/2" - 16 x 2,25	10	50
87.22.180	MU0851005180	18 x 2 - 1/2" - 18 x 2	10	50
87.22.200	MU0851005200	20 x 2 - 1/2" - 20 x 2	10	40
87.22.201	MU0851007200	20 x 2 - 3/4" - 20 x 2	10	40
87.22.202	MU0851005510	20 x 2,5 - 1/2" - 20 x 2,5	10	40
87.22.251	MU0851007250	25 x 2,5 - 3/4" - 25 x 2,5	5	20
87.22.252	MU0851010250	25 x 2,5 - 1" - 25 x 2,5	5	20
87.22.260	MU0851005260	26 x 3 - 1/2" - 26 x 3	5	20
87.22.261	MU0851007260	26 x 3 - 3/4" - 26 x 3	5	20
87.22.262	MU0851010260	26 x 3 - 1" - 26 x 3	5	20
87.22.320	MU0851007320	32 x 3 - 3/4" - 32 x 3	1	20
87.22.321	MU0851010320	32 x 3 - 1" - 32 x 3	1	15
87.22.500	MU0851012500	50 x 4 - 1 1/4" - 50 x 4	1	5
87.22.501	MU0851015500	50 x 4 - 1 1/2" - 50 x 4	1	5

STOP END

/ TAPPO CIECO
/ PRESSSTOPFEN
/ BOUCHON

881



CODE	TECH. CODE	SIZE 		
87.31.140	MU0881000140	14 x 2	10	150
87.31.160	MU0881000160	16 x 2	10	150
87.31.180	MU0881000180	18 x 2	10	150
87.31.200	MU0881000200	20 x 2	10	150
87.31.250	MU0881000250	25 x 2,5	5	100
87.31.260	MU0881000260	26 x 3	5	100
87.31.320	MU0881000320	32 x 3	1	60
87.31.400	MU0881000400	40 x 3,5	1	40
87.31.500	MU0881000500	50 x 4	1	20

WALLPLATE ELBOW 90°

/ GOMITO 90° FLANGIATO
/ WANDWINKEL 90°
/ APPLIQUE MURALE 90°

863



CODE	TECH. CODE	SIZE 	H. (mm)		
87.24.140	MU0863005140 •	14 x 2 - 1/2"	39	10	50
87.24.145	MU0863003160 •	16 x 2 - 3/8"	39	10	50
87.24.159	MU0863005560 •	16 x 2,25 - 1/2"	39	10	50
87.24.160	MU0863005160 •	16 x 2 - 1/2"	39	10	50
87.24.161	MU08630H5160	16 x 2 - 1/2"	52	10	40
87.24.180	MU0863005180	18 x 2 - 1/2"	52	10	40
87.24.200	MU0863005200	20 x 2 - 1/2"	52	10	40
87.24.201	MU0863007200	20 x 2 - 3/4"	52	10	30
87.24.202	MU0863005510	20 x 2,5 - 1/2"	52	10	40
87.24.203	MU0863007510	20 x 2,5 - 3/4"	52	10	30
87.24.250	MU0863007250	25 x 2,5 - 3/4"	52	5	25
87.24.260	MU0863007260	26 x 3 - 3/4"	52	5	25

• CAUTION: TO BE PRESSED AHEAD WALL INSTALLATION!
/ ATTENZIONE: DA PRESSARE PRIMA DELL'INSTALLAZIONE A MURO
/ WICHTIG: VOR DEM WANDEINBAU VERPRESSEN!
/ AVERTISSEMENT: DOIT ÊTRE SERTI AVANT L'INSTALLATION AU MUR

WALLPLATE ELBOW-DOUBLE 90°

/ GOMITO 90° FLANGIATO DOPPIO
/ WANDWINKEL 90° DOPPELT
/ APPLIQUE MURALE 90° DOUBLE

864



CODE	TECH. CODE	SIZE 	H (mm)		
87.25.160	MU0864005160	16 x 2 - 1/2" - 16 x 2	52	10	20
87.25.161	MU0864005560	16 x 2,25 - 1/2" - 16 x 2,25	52	10	20
87.25.200	MU0864005200	20 x 2 - 1/2" - 20 x 2	52	10	20

TEE DISALIGNED FITTING FEMALE

/ RACCORDO A T FEMMINA DISASSATO
/ GEGENEINANDER VERDREHTE ENDSTÜCKEN IG
/ RACCORDS DÉSAXÉS FEMELLE

891

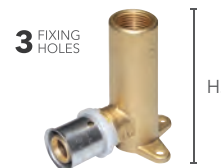


CODE	TECH. CODE	SIZE 		
87.54.032	MU0891005160	16 x 2 - 1/2" - 16 x 2	10	50
87.54.033	MU0891005200	20 x 2 - 1/2" - 20 x 2	10	50

WALLPLATE ELBOW-LONG 90°

/ GOMITO 90° FLANGIATO LUNGO
/ WANDWINKEL 90° LANG
/ APPLIQUE MURALE 90° LONGUE

863L



CODE	TECH. CODE	SIZE 	H (mm)		
87.26.160	MU0863L05160	16 x 2 - 1/2"	78	5	25
87.26.200	MU0863L05200	20 x 2 - 1/2"	78	5	25

WALLPLATE ELBOW FOR SERIES CONNECTIONS

/ ATTACCO FLANGIATO PASSANTE
PER COLLEGAMENTI IN SERIE
/ WANDWINKEL FÜR SERIENVERBINDUNGEN
/ APPLIQUE MURALE POUR CONNEXIONS SÉRIE

865



CODE	TECH. CODE	SIZE 	H (mm)		
87.26.205	MU0865005160	16 x 2 - 1/2" - 16 x 2	52	10	20
87.26.210	MU0865005200	20 x 2 - 1/2" - 20 x 2	52	10	20

WALLPLATE ELBOW U-SHAPED 90°

/ GOMITO 90° FLANGIATO AD U
/ WANDWINKEL 90° U-FORM
/ COUDE APPLIQUE 90° EN U

887



CODE	TECH. CODE	SIZE 		
87.27.160	MU0887005160	16 x 2 - 1/2" - 16 x 2	5	15
87.27.200	MU0887005200	20 x 2 - 1/2" - 20 x 2	5	15

WALLPLATE ELBOW U-SHAPED 180°

/ GOMITO FLANGIATO AD U 180°
/ WANDWINKEL U-FORM 180°
/ COUDE APPLIQUE EN U 180°



884

CODE	TECH. CODE	SIZE 		
87.27.216	MU0884005160	16 x 2 - 1/2"	10	20
87.27.220	MU0884005200	20 x 2 - 1/2"	10	20

ELBOW MALE/FEMALE LONG FOR CONNECTION TO LAVATORY FLUSH-WATER TANK

/ GOMITO FLANGIATO MASCHIO/FEMMINA LUNGO
PER CASSETTA DI RISCACQUO
/ WANDDURCHFÜHRUNG AG/IG MIT VERDREHSCHEUTZ
/ APPLIQUE RÉSERVOIR MÂLE/FEMELLE

867



CODE	TECH. CODE	SIZE 	H (mm)		
87.33.105	MU0867005160	16 x 2	78	5	25
87.33.115	MU0867005200	20 x 2	78	5	25

CONNECTING STRAIGHT SCREW FITTING
WITH FLAT SEAL WITH WASHER

/ RACCORDO DIRITTO TENUTA PIATTA
CON GUARNIZIONE
/ ÜBERGANGSPRESSVERSCHRAUBUNG
FLACHDICHTEND
/ RACCORD À SERTIR ET ÉCROU TOURNANT JOINT PLAT



876

CODE	TECH. CODE	SIZE 		
87.42.140	MU087600316L	16 x 2 - 3/8"	10	150
87.42.150	MU087600516L	16 x 2 - 1/2"	10	100
87.42.160	MU087600716L	16 x 2 - 3/4"	10	100
87.42.170	MU087600520L	20 x 2 - 1/2"	10	120
87.42.180	MU087600718L	18 x 2 - 3/4"	10	100
87.42.200	MU087600720L	20 x 2 - 3/4"	10	100
87.42.260	MU087601026L	26 x 3 - 1"	5	80

FEMALE STRAIGHT SCREW FITTING
WITH FLAT SEAL

/ RACCORDO DIRITTO SCOMPONIBILE FEMMINA
TENUTA PIATTA
/ PRESSVERSCHRAUBUNG MIT IG
FLACHDICHTEND
/ RACCORD À SERTIR FEMELLE
ET ÉCROU TOURNANT JOINT PLAT



883

CODE	TECH. CODE	SIZE 		
87.36.160	MU0883005160	16 x 2 - 1/2"	10	80
87.36.161	MU0883007160	16 x 2 - 3/4"	10	50
87.36.200	MU0883005200	20 x 2 - 1/2"	10	50
87.36.201	MU0883007200	20 x 2 - 3/4"	10	40
87.36.260	MU0883007260	26 x 3 - 3/4"	5	40
87.36.261	MU0883010260	26 x 3 - 1"	5	30
87.36.320	MU0883010320	32 x 3 - 1" TAPERED / CONICO / KONISCH / CONIQUE	1	30

FEMALE ELBOW SCREW CONNECTOR 90°
TAPER THREAD

/ GOMITO 90° SCOMPONIBILE FEMMINA
TENUTA CONICA
/ WINKELVERSCHRAUBUNG 90° MIT IG KONISCH
/ ÉCROU TOURNANT ET COUDE 90° FEMELLE
CONIQUE



869

CODE	TECH. CODE	SIZE 		
87.35.160	MU0869005160	16 x 2 - 1/2"	10	40
87.35.200	MU0869005200	20 x 2 - 1/2"	10	40
87.35.201	MU0869007200	20 x 2 - 3/4"	10	30

CONNECTING SCREW FITTING
WITH EUROCONE

/ RACCORDO DIRITTO CON TENUTA EUROCONO
/ ANSCHLUSSPRESSVERSCHRAUBUNG MIT
EUROKONUS
/ RACCORD À SERTIR ET ÉCROU TOURNANT
EUROCÔNE



875

CODE	TECH. CODE	SIZE 		
87.39.160	MU087500716L	16 x 2 - 3/4"	10	100
87.39.180	MU087500718L	18 x 2 - 3/4"	10	100
87.39.200	MU087500720L	20 x 2 - 3/4"	10	100
87.39.260	MU087501026L	26 x 3 - 1"	5	70
87.39.265	MU087501032L	32 x 3 - 1"	1	50

MALE STRAIGHT SCREW FITTING
CONICAL

/ RACCORDO DIRITTO SCOMPONIBILE MASCHIO
TENUTA CONICA
/ PRESSVERSCHRAUBUNG MIT AG KONISCH
/ RACCORD À SERTIR MÂLE ET ÉCROU
TOURNANT CONIQUE



873

CODE	TECH. CODE	SIZE 		
87.37.160	MU0873005160	16 x 2 - 1/2"	10	80
87.37.161	MU0873007160	16 x 2 - 3/4"	10	50
87.37.200	MU0873005200	20 x 2 - 1/2"	10	50
87.37.201	MU0873007200	20 x 2 - 3/4"	10	40
87.37.260	MU0873007260	26 x 3 - 3/4"	5	40
87.37.261	MU0873010260	26 x 3 - 1"	5	30
87.37.320	MU0873010320	32 x 3 - 1"	1	30

MALE ELBOW SCREW CONNECTOR 90°
TAPER THREAD

/ GOMITO 90° SCOMPONIBILE MASCHIO
TENUTA CONICA
/ WINKELVERSCHRAUBUNG 90° MIT AG
KONISCH
/ ÉCROU TOURNANT ET COUDE 90° MÂLE
CONIQUE



868

CODE	TECH. CODE	SIZE 		
87.34.160	MU0868005160	16 x 2 - 1/2"	10	40
87.34.180	MU0868005180	18 x 2 - 1/2"	10	40
87.34.200	MU0868005200	20 x 2 - 1/2"	10	40
87.34.201	MU0868007200	20 x 2 - 3/4"	10	30

STRAIGHT PRESS FITTING COUPLER FOR
COPPER PIPE CONNECTION

/ RACCORDO A PRESSARE DIRITTO PER TUBO RAME
/ PRESSÜBERGANG MIT KLEMMVERSCHRÄUBUNG
/ ADAPTATEUR DROIT À VISSER POUR TUBE CUIVRE

**877**

CODE	TECH. CODE	SIZE 		
87.47.020	MU0877016150	16 x 2 - 15 mm	10	200
87.47.030	MU0877020220	20 x 2 - 22 mm	10	100
87.47.035	MU0877026220	26 x 3 - 22 mm	10	100
87.47.040	MU0877026280	26 x 3 - 28 mm	10	80

NIPPLES PRESS WITH INSERT

/ RACCORDO A PRESSARE DIRITTO
CON INSERTO
/ PRESSÜBERGANG MIT EINSATZ
/ ADAPTATEUR TUBE CUIVRE

**886**

CODE	TECH. CODE	SIZE 		
87.47.055	MU0886016120 ••	16 x 2 - 12 mm	10	200
87.47.060	MU0886016150	16 x 2 - 15 mm	10	150
87.47.070	MU0886020220	20 x 2 - 22 mm	10	150
87.47.080	MU0886I20220	20 x 2 - 22 mm 	10	150
87.47.081	MU0886I26220	26 x 3 - 22 mm 	5	100
87.47.082	MU0886I32280	32 x 3 - 28 mm 	1	60

- ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE
- NICKEL PLATED / NICHELATO / VERNICKELT / NICHELÉ

ELBOW PRESS FOR COPPER PIPE
CONNECTION

/ GOMITO A PRESSARE PER TUBO RAME
/ PRESSWINKEL MIT KLEMMVERSCHRÄUBUNG
/ ADAPTATEUR COUDE À VISSER POUR TUBE CUIVRE

**858**

CODE	TECH. CODE	SIZE 		
87.47.110	MU0858016100 •	16 x 2 - 10 mm	10	150
87.47.115	MU0858016150 •	16 x 2 - 15 mm	10	150

- ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

ELBOW FEMALE FOR CONNECTION TO
LAVATORY FLUSH-WATER TANK

/ GOMITO FLANGIATO FEMMINA PER CASSETTA DI
RISCIAQUO
/ UP-SPÜLKASTENWINKEL IG
/ APPLIQUE COUDE POUR RÉSERVOIR FEMELLE

**856**

CODE	TECH. CODE	SIZE 		
87.28.160	MU0856005160	16 x 2 - 1/2"	5	30
87.28.180	MU0856005180	18 x 2 - 1/2"	5	30
87.28.200	MU0856005200	20 x 2 - 1/2"	5	30

TEE FEMALE FOR CONNECTION TO
LAVATORY FLUSH-WATER TANK

/ RACCORDO A T FLANGIATO FEMMINA
PER CASSETTA DI RISCIAQUO
/ UP-SPÜLKASTEN T-STÜCK IG
/ APPLIQUE TÉ POUR RÉSERVOIR FEMELLE

**857**

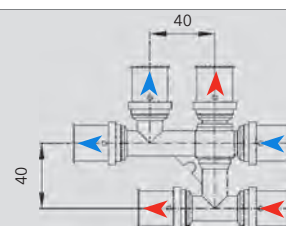
CODE	TECH. CODE	SIZE 		
87.29.160	MU0857005160	16 x 2 - 1/2" - 16 x 2	10	30
87.29.200	MU0857005200	20 x 2 - 1/2" - 20 x 2	10	30

TEE BY-PASS

/ RACCORDO A T BY-PASS
/ STEIGSTRANG ANBINDESET
/ TÉ CROISÉS

**888**

CODE	TECH. CODE	SIZE 		
87.49.010	MU0888000160	16 x 16 x 16	1	15
87.49.015	MU088800BAA0	20 x 16 x 16	1	15
87.49.020	MU088800BAB0	20 x 16 x 20	1	15
87.49.025	MU0888000200	20 x 20 x 20	1	15

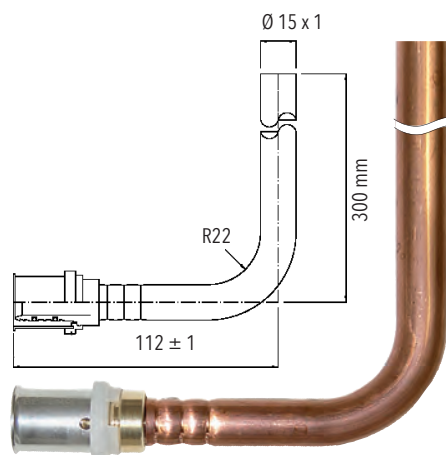


ELBOW CONNECTOR FOR RADIATORS WITH COPPER PIPE

/ GOMITO PER RADIATORI CON TUBO RAME
 / HEIZKÖRPERANSCHLUSS WINKEL MIT KUPFERROHR
 / CONNECTEUR COUDE POUR RADIATEURS AVEC TUBE EN CUIVRE

874

CODE	TECH. CODE	SIZE 		
87.45.185	MU0874000180	18 x 2 - 15 mm - 300 mm	2	60

ELBOW CONNECTOR FOR RADIATORS
NICKEL PLATED

/ GOMITO PER RADIATORI NICHELATO
 / HEIZKÖRPERANSCHLUSS WINKEL VERNICKELT
 / CONNECTEUR COUDE POUR RADIATEURS
 NICKELÉ

**885**

CODE	TECH. CODE	SIZE 		
87.45.140	MU088500014N	14 x 2 - 15 mm - 300 mm	2	30
87.45.160	MU088500016N	16 x 2 - 15 mm - 300 mm	2	30
87.45.161	MU088500116N	16 x 2 - 15 mm - 1100 mm	2	30
87.45.180	MU088500018N	18 x 2 - 15 mm - 300 mm	2	30
87.45.200	MU088500020N	20 x 2 - 15 mm - 300 mm	2	30
87.45.201	MU088500120N	20 x 2 - 15 mm - 1100 mm	2	60

• ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

TEE CONNECTOR FOR RADIATORS
NICKEL PLATED

/ RACCORDO A T PER RADIATORI NICHELATO
 / HEIZKÖRPERANSCHLUSS T-STÜCK VERNICKELT
 / TÉ CONNECTEUR POUR RADIATEURS NICKELÉ

**889**

CODE	TECH. CODE	SIZE 		
87.46.160	MU088900016N	16 x 2 - 15 mm - 300 mm	2	20
87.46.161	MU088900116N	16 x 2 - 15 mm - 1100 mm	2	60
87.46.200	MU088900020N	20 x 2 - 15 mm - 300 mm	2	20
87.46.201	MU088900120N	20 x 2 - 15 mm - 1100 mm	2	60

DOUBLE PRESS ELBOW WITH COPPER PIPE NICKEL PLATED

/ RACCORDO DOPPIO A PRESSARE CON TUBO RAME NICHELATO
 / WANDWINKEL DOPPELT MIT KUPFERROHR VERNICKELT
 / DOUBLE COUDE AVEC TUBE CUIVRE NICKELÉ

890

CODE	TECH. CODE	SIZE 	INT.		
87.46.250	MU089000016N	15 mm - 16 x 2	37,5 mm	1	10
	MU089005016N	15 mm - 16 x 2	50 mm	1	10

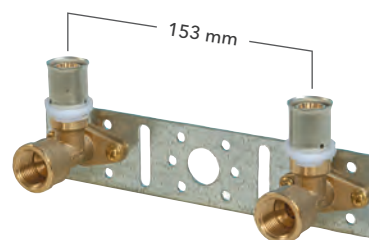


MOUNTING PLATE ASSEMBLED WITH 2 WALLPLATE ELBOWS 90° FEMALE, DISTANCE 153 mm

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 GOMITI FLANGIATI FEMMINA 90°, INTERASSE 153 mm
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 WANDWINKEL 90°, ABSTAND 153 mm
 / SUPPORT DE MONTAGE AVEC 2 APPLIQUES 90° MONTÉES, DISTANCE 153 mm

832

CODE	TECH. CODE	SIZE 		
87.54.005	MU0832005160	16 x 2 - 1/2"	1	20
87.54.019	MU0832005200	20 x 2 - 1/2"	1	20
87.54.020	MU0832007200	20 x 2 - 3/4"	1	20

**MOUNTING PLATE ASSEMBLED WITH 2 WALLPLATE ELBOWS 90° FEMALE WITH SOUNDPROOF ELEMENTS, DISTANCE 153 mm**

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 GOMITI FLANGIATI FEMMINA 90°, CON ISOLANTI ANTI RUMORE INTERASSE 153 mm
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 WANDWINKEL 90° MIT SCHALLSCHUTZSET, ABSTAND 153 mm
 / SUPPORT DE MONTAGE AVEC 2 APPLIQUES 90° ISOLÉES MONTÉES, DISTANCE 153 mm

833

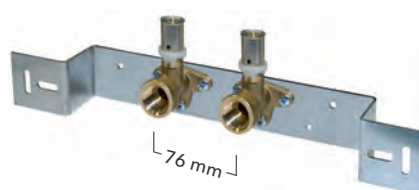
CODE	TECH. CODE	SIZE 		
87.54.030	MU0833005160	16 x 2 - 1/2"	1	20

**MOUNTING PLATE ASSEMBLED WITH 2 WALLPLATE ELBOWS 90°, DISTANCE 76 mm**

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 GOMITI FLANGIATI FEMMINA 90°, INTERASSE 76 mm
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 WANDWINKEL 90°, ABSTAND 76 mm
 / SUPPORT DE MONTAGE AVEC 2 APPLIQUES 90° MONTÉES, DISTANCE 76 mm

834

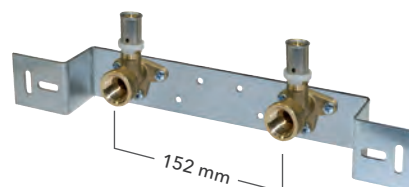
CODE	TECH. CODE	SIZE 		
87.54.060	MU0834005160	16 x 2 - 1/2"	1	15
87.54.061	MU0834005200	20 x 2 - 1/2"	1	15

**MOUNTING PLATE ASSEMBLED WITH 2 WALLPLATE ELBOWS 90°, DISTANCE 152 mm**

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 GOMITI FLANGIATI FEMMINA 90°, INTERASSE 152 mm
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 WANDWINKEL 90°, ABSTAND 152 mm
 / SUPPORT DE MONTAGE AVEC 2 APPLIQUES 90° MONTÉES, DISTANCE 152 mm

835

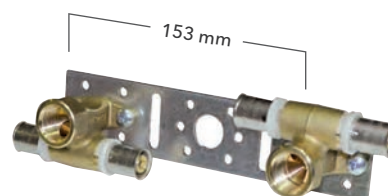
CODE	TECH. CODE	SIZE 		
87.54.065	MU0835005160	16 x 2 - 1/2"	1	15
87.54.066	MU0835005200	20 x 2 - 1/2"	1	15

**MOUNTING PLATE ASSEMBLED WITH 2 DISALIGNED TEE FITTINGS**

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 RACCORDI A T DISASSATI
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 GEGENEINANDER VERDREHTEN T-FITTINGS
 / SUPPORT DE MONTAGE AVEC 2 TÉ DÉAXÉ

830

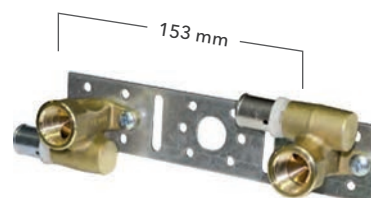
CODE	TECH. CODE	SIZE 		
87.54.034	MU0830005160	16 x 2 - 1/2" - 16 x 2	1	15
87.54.035	MU0830005200	20 x 2 - 1/2" - 20 x 2	1	15

**MOUNTING PLATE ASSEMBLED WITH 2 DISALIGNED END FITTINGS**

/ STAFFA DI FISSAGGIO ASSEMBLATA CON 2 RACCORDI DISASSATI
 / MONTAGEINHEIT KOMPLETT MONTIERT MIT 2 GEGENEINANDER VERDREHTEN ENDSTÜCKEN
 / SUPPORT DE MONTAGE AVEC 2 RACCORDS DÉAXÉ

831

CODE	TECH. CODE	SIZE 		
87.54.039	MU0831005160	16 x 2 - 1/2" - 16 x 2	1	15
87.54.040	MU0831005200	20 x 2 - 1/2" - 20 x 2	1	15



MOUNTING PLATE WITH 4 SCREWS

/ STAFFA DI FISSAGGIO CON 4 VITI
/ MONTAGEPLATTE MIT 4 BEFESTIGUNGSSCHRAUBEN
/ APPLIQUE DE MONTAGE AVEC 4 VIS

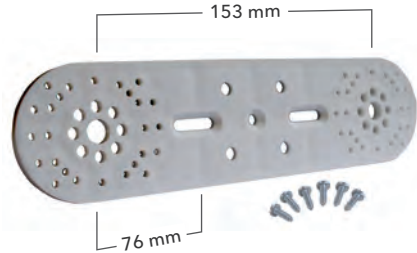
CODE	TECH. CODE	SIZE 		
87.49.600	MU0837STAF11	153/76 mm	1	50
87.49.605	MU0837STAF21	80+120/200 mm	1	50



PLASTIC WHITE PLATE WITH 6 SCREWS

/ STAFFA DI FISSAGGIO IN PLASTICA CON 6 VITI
/ WEISSE KUNSTOFFPLATTE MIT 6 BEFESTIGUNGSSCHRAUBEN
/ APPLIQUE PLASTIQUE BLANCHE AVEC 6 VIS

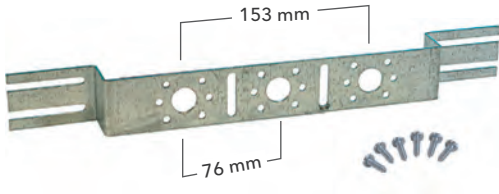
CODE	TECH. CODE	SIZE 		
87.49.601	MU0837STAF31	153/76 mm	1	50



BUILT IN MOUNTING PLATE WITH 6 SCREWS

/ STAFFA DI FISSAGGIO AD INCASSO CON 6 VITI
/ MONTAGESCHIENE (EINBAUTEIL) MIT 6 BEFESTIGUNGSSCHRAUBEN
/ APPLIQUE DE MONTAGE À ENCASTRER AVEC 6 VIS

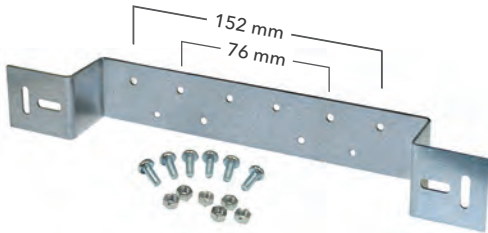
CODE	TECH. CODE	SIZE 		
87.49.610	MU0837STAF41	153/76 mm	1	50



MOUNTING PLATE WITH 6 SCREWS AND NUTS

/ STAFFA DI FISSAGGIO CON 6 DADI E 6 VITI
/ MONTAGESCHIENE - MIT 6 SCHRAUBENSSETS
/ SUPPORT DE MONTAGE AVEC 6 VIS + 6 ÉCROUS

CODE	TECH. CODE	SIZE 		
87.54.075	MU0837STAF01	76/152 mm	1	20

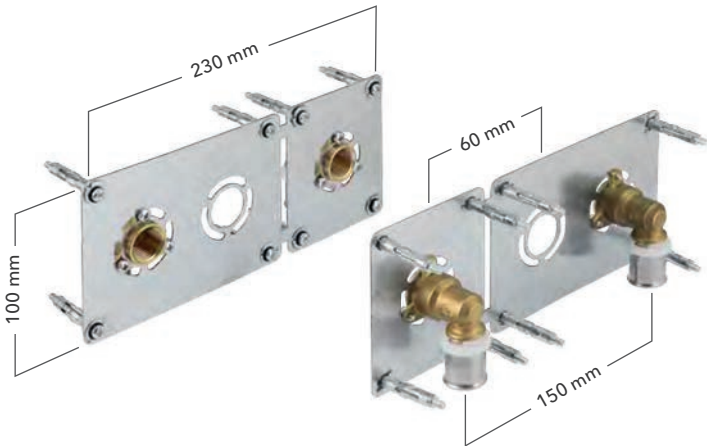


KIT PLASTER FITTINGS 90 ° 1/2" FEMALE

/ KIT CARTONGESSO RACCORDI 90° 1/2" FEMMINA
/ KIT GIPSKARTONPLATTEN WINKEL 90° 1/2" IG
/ KIT PLAQUE RACCORDS 90° - 1 / 2" FEMELLE



CODE	TECH. CODE	SIZE 		
	MU08590KT010	1/2" - 16 x 2	1	10
	MU08590KT020	1/2" - 20 x 2	1	10



BENT MOUNTING PLATE

/ STAFFA CURVA
/ SCHIENE GEBOGEN
/ APPLIQUE DE MONTAGE PREFORMÉE

CODE	TECH. CODE	SIZE 		
87.49.655	MU0837STAF61	h 50 mm	1	20



STRAIGHT MOUNTING PLATE

/ STAFFA DRITTA
/ SCHIENE GERADE
/ APPLIQUE DE MONTAGE DROITE

CODE	TECH. CODE	SIZE 		
87.49.650	MU0837STAF51	h 50 mm	1	10



SOUND-SHIELD

/ BARRIERA SONORA
/ SCHALLTRENNER
/ FIXATION ANTIBRUIT



CODE	TECH. CODE		
87.49.665	MU0837STAF81	20	40

SOUND-CAP

/ CAPPuccio ISOLANTE
/ ISO-KAPPE
/ CAPUCHON ISOLANT



CODE	TECH. CODE		
87.49.670	MU08370CAP01	1	20

SCREWS 4,8 X 16 (100 PCS/PACKAGE)

/ VITI 4,8 X 16 (100 PZ/SACCHETTO)
/ BLECHSCHRAUBEN 4,8 X 16 (100 STK./BEUTEL)
/ VIS 4,8 X 16 (100 PCS/BOITE)



CODE	TECH. CODE	SIZE 	
87.49.675	MU08370VIT01	4,8 x 16	10



100 PCS/PACKAGE - 100 PZ/SACCHETTO
100 STK./BEUTEL - 100 PCS/BOITE

SOUNDPROOF ELEMENT
FOR WALLPLATE ELBOW

/ COIBENTAZIONI PER GOMITO FLANGIATO FEMMINA
/ SCHALLSCHUTZSET "ISOLATION" FÜR WANDWINKEL
/ CAPUCHON ANTIBRUIT POUR APPLIQUE



CODE	TECH. CODE	SIZE 		
87.49.685	MU08630CAP01	1/2" h. 52 mm SHORT	10	50
87.49.686	MU0863LCAP01	1/2" h. 78 mm LONG	10	40

SOUNDPROOF ELEMENT
FOR WALLPLATE ELBOW U-SHAPED 180°

/ COIBENTAZIONE PER GOMITO FLANGIATO 180° AD U
/ SCHALLSCHUTZSET "ISOLATION" FÜR WANDWINKEL 180° U-FORM
/ CAPUCHON ANTIBRUIT POUR APPLIQUE 180° EN U



CODE	TECH. CODE	SIZE 		
	MU08840CAP01	1/2"	10	50

PLIERS

/ PIEGATRICE
/ BIEGEZANGE
/ CINTREUSE



CODE	TECH. CODE	
87.49.680	VA0PIEGAT001	1

BUILT IN BALL VALVE 1/2" WITH CAP

/ RUBINETTO INCASSO 1/2" CON CAPPuccio
 / KUGELHAHN FÜR UNTERPUTZINSTALLATION 1/2" MIT KAPPE
 / ROBINET À TOURNANT SPHÉRIQUE À ENCASTRER 1/2" AVEC CACHE

**845**

CODE	TECH. CODE	SIZE 	
87.50.042	VS0845016160	16 x 2	10
87.50.043	VS0845020200	20 x 2	10
87.50.045	VS0845051510	20 x 2,5	10
87.50.049	VS0845020160	20 x 2 - 16 x 2	10

EXTENSION KIT FOR BUILT-IN BALL VALVE

/ KIT PROLUNGA PER RUBINETTO INCASSO
 / UNTERPUTZVERLÄNGERUNG
 / RALLONGE POUR ROBINET



CODE	TECH. CODE	SIZE 		
87.50.046	VA08450PROLO		10	20

CAP AND SCREW FOR BUILT IN BALL VALVE

/ CAPPuccio E VITE PER RUBINETTO INCASSO
 / KAPPE UND SCHRAUBE FÜR KUGELHAHN
 / CACHE ET VIS POUR ROBINET À ENCASTRER



CODE	TECH. CODE	SIZE 		
87.50.048	MN084500000C	1/2"	10	100



TO BE COUPLED WITH ART. 87.50.042/043/045/049

BUILT IN BALLVALVE WITH CAP INSPECTIONABLE

/ VALVOLA A SFERA DA INCASSO ISPEZIONABILE CON CAPPuccio
 / EINBAU-KUGELHAHN FÜR UNTERPUTZINSTALLATION MIT KAPPE UND AUSTAUSCHBAREM OBERTEIL
 / VANNE À TOURNANT SPHÉRIQUE À ENCASTRER AVEC CAPUCHON

**840**

CODE	TECH. CODE	
87.50.050	VS0840000001	10

EXTENSION KIT FOR BUILT-IN BALL VALVE (INSPECTIONABLE)

/ KIT PROLUNGA PER VALVOLA A SFERA DA INCASSO (ISPEZIONABILE)
 / UNTERPUTZVERLÄNGERUNG FÜR EINBAU-KUGELHAHN
 / EXTENSION POUR VANNES À TOURNANT SPHÉRIQUE À ENCASTRER

**840**

CODE	TECH. CODE	
87.50.065	VA08400PROLO	50

QUICK PRESS CONNECTION (2 PIECES)

/ ATTACCO RAPIDO A PRESSARE (2 PEZZI)
 / PRESS-STECKVERBINDUNG (2 STÜCKE)
 / CONNECTEUR RAPIDE ET RACCORD À SERTIR (2 PIÈCES)

**844**

CODE	TECH. CODE	SIZE 	
87.50.100	VA0844000160	16 x 2	50
87.50.105	VA0844000200	20 x 2	50



TO BE COUPLED WITH 87.50.050

PRESS BALL VALVE WITH BUTTERFLY HANDLE

/ VALVOLA A SFERA A PRESSARE CON MANIGLIA A FARFALLA
/ PRESS KUGELHAHN MIT FLÜGELGRIFF
/ ROBINET À TOURNANT SPHÉRIQUE À SERTIR DEUX COTÉS


847

CODE	TECH. CODE	SIZE 		
87.50.005	VS0847016PRO	16 x 2	10	30
87.50.010	VS0847020PRO	20 x 2	10	30

PRESSURE COLLAR IN STAINLESS STEEL

/ BUSSOLOTTO IN ACCIAIO INOX
/ PRESSHÜLSE AUS EDELSTAHL
/ BAGUE DE SERTISSAGE INOX



CODE	TECH. CODE	SIZE 		
87.43.140	BU0851000140	14 x 2	10	1000
87.43.160	BU0851000160	16 x 2	10	1000
87.43.170	BU0851000170	17 x 2	10	1000
87.43.180	BU0851000180	18 x 2	10	1000
87.43.200	BU0851000200	20 x 2	10	1000
87.43.250	BU0851000250	25 x 2,5	10	1000
87.43.260	BU0851000260	26 x 3	10	500
87.43.320	BU0851000320	32 x 3	10	500
87.43.400	BU0851000400	40 x 3,5	10	50
87.43.500	BU0851000500	50 x 4	10	50
87.43.505	BU0851000630	63 x 6		10

PRESSURE TEST PLUGS - RED

/ TAPPO PROVA IMPIANTI IN PLASTICA - ROSSO
/ PRÜFUNG STOPFEN - ROT
/ BOUCHON D'ESSAI EN PRESSION - ROUGE



CODE	TECH. CODE	SIZE 		
87.80.490	VA0TAP005ROS	1/2" M	25	100

PRESSURE TEST PLUGS - BLUE

/ TAPPO PROVA IMPIANTI IN PLASTICA - BLU
/ PRÜFUNG STOPFEN - BLAU
/ BOUCHON D'ESSAI EN PRESSION - BLEU



CODE	TECH. CODE	SIZE 		
87.80.491	VA0TAP005BLU	1/2" M	25	100

FEMALE PRESS BALL VALVE WITH BUTTERFLY HANDLE

/ VALVOLA A SFERA FEMMINA A PRESSARE
CON MANIGLIA A FARFALLA
/ PRESS KUGELHAHN IG MIT FLÜGELGRIFF
/ ROBINET À TOURNANT SPHÉRIQUE À SERTIR ET
RACCORD FEMELLE


846

CODE	TECH. CODE	SIZE 		
87.50.014	VS0846516PRO	16 x 2 - 1/2" F	10	30
87.50.015	VS0846520PRO	20 x 2 - 1/2" F	10	30

O-RINGS

/ O-RING
/ O-RINGE
/ O-RINGS



CODE	TECH. CODE	SIZE 
87.44.160	OR08500016000	16 x 2
87.44.180	OR08500018000	18 x 2
87.44.200	OR08500020000	20 x 2
87.44.250	OR08500025000	25 x 2,5
87.44.260	OR08500026000	26 x 3
87.44.320	OR08500032000	32 x 3
87.44.400	OR08500040000	40 x 3,5
87.44.500	OR08500050000	50 x 4
87.44.505	OR08500063000	63 x 6

TEST PLANT FITTING FOR THERMOMETER

/ TERMINALE PROVA IMPIANTO PORTAMANOMETRO
/ ENDSTÜCK FÜR LEITUNGSTEST FÜR THERMOMETER
/ CAPUCHON D'ESSAI PORTE THERMOMÈTRE


882

CODE	TECH. CODE	SIZE 		
87.80.494	MU0882005160	1/2" F - 16 x 2	10	100
87.80.495	MU0882005200	1/2" F - 20 x 2	10	100

COMISA PRESS TIN PLATED

/ COMISA PRESS STAGNATO
/ COMISA PRESS VERZINNT
/ COMISA PRESS ETAMÉ

NEW

BRASS

UNI EN 12164/12165
CW 617N
DIN 50930-6



STRAIGHT COUPLER

/ RACCORDO DIRITTO
/ KUPPLUNG
/ MANCHON ÉGAL



870N

CODE	TECH. CODE	SIZE 		
97.10.160	MU087000016N	16 x 2	10	100
97.10.180	MU087000018N	18 x 2	10	100
97.10.200	MU087000020N	20 x 2	10	80
97.10.250	MU087000025N	25 x 2,5	5	50
97.10.260	MU087000026N	26 x 3	5	50
97.10.320	MU087000032N	32 x 3	1	30
97.10.400	MU087000040N	40 x 3,5	1	30
97.10.500	MU087000050N	50 x 4	1	10

REDUCING COUPLER

/ RACCORDO DIRITTO RIDOTTO
/ KUPPLUNG REDUZIERT
/ MANCHON RÉDUIT



870RN

CODE	TECH. CODE	SIZE 		
97.11.181	MU0870R1816N	18 x 2 - 16 x 2	10	100
97.11.201	MU0870R2016N	20 x 2 - 16 x 2	10	80
97.11.203	MU0870R2018N	20 x 2 - 18 x 2	10	80
97.11.250	MU0870R2516N	25 x 2,5 - 16 x 2	5	50
97.11.251	MU0870R2518N	25 x 2,5 - 18 x 2	5	50
97.11.252	MU0870R2520N	25 x 2,5 - 20 x 2	5	50
97.11.260	MU0870R2616N	26 x 3 - 16 x 2	5	50
97.11.263	MU0870R2620N	26 x 3 - 20 x 2	5	50
97.11.320	MU0870R3216N	32 x 3 - 16 x 2	1	50
97.11.322	MU0870R3220N	32 x 3 - 20 x 2	1	50
97.11.324	MU0870R3225N	32 x 3 - 25 x 2,5	1	50
97.11.325	MU0870R3226N	32 x 3 - 26 x 3	1	50
97.11.400	MU0870R4025N	40 x 3,5 - 25 x 2,5	1	30
97.11.401	MU0870R4026N	40 x 3,5 - 26 x 3	1	30
97.11.402	MU0870R4032N	40 x 3,5 - 32 x 3	1	30
97.11.501	MU0870R5032N	50 x 4 - 32 x 3	1	10
97.11.600	MU0870R5040N	50 x 4 - 40 x 3,5	1	10

MALE COUPLER

/ RACCORDO DIRITTO MASCHIO
/ ÜBERGANG MIT AG
/ MANCHON MÂLE



871N

CODE	TECH. CODE	SIZE 		
97.12.160	MU087100516N	16 x 2 - 1/2"	10	120
97.12.180	MU087100518N	18 x 2 - 1/2"	10	120
97.12.200	MU087100520N	20 x 2 - 1/2"	10	120
97.12.201	MU087100720N	20 x 2 - 3/4"	10	100
97.12.250	MU087100725N	25 x 2,5 - 3/4"	5	60
97.12.251	MU087101025N	25 x 2,5 - 1"	5	50
97.12.260	MU087100726N	26 x 3 - 3/4"	5	60
97.12.261	MU087101026N	26 x 3 - 1"	5	50
97.12.320	MU087101032N	32 x 3 - 1"	1	40
97.12.321	MU087101232N	32 x 3 - 1 1/4"	1	30
97.12.400	MU087101040N	40 x 3,5 - 1"	1	20
97.12.401	MU087101240N	40 x 3,5 - 1 1/4"	1	20
97.12.500	MU087101250N	50 x 4 - 1 1/4"	1	10
97.12.501	MU087101550N	50 x 4 - 1 1/2"	1	10

FEMALE COUPLER

/ RACCORDO DIRITTO FEMMINA
/ ÜBERGANG MIT IG
/ MANCHON FEMELLE



880N

CODE	TECH. CODE	SIZE 		
97.13.160	MU088000516N	16 x 2 - 1/2"	10	120
97.13.180	MU088000518N	18 x 2 - 1/2"	10	120
97.13.200	MU088000520N	20 x 2 - 1/2"	10	120
97.13.201	MU088000720N	20 x 2 - 3/4"	10	100
97.13.250	MU088000725N	25 x 2,5 - 3/4"	10	60
97.13.251	MU088001025N	25 x 2,5 - 1"	5	50
97.13.260	MU088000726N	26 x 3 - 3/4"	5	60
97.13.261	MU088001026N	26 x 3 - 1"	5	50
97.13.320	MU088001032N	32 x 3 - 1"	1	40
97.13.321	MU088001232N	32 x 3 - 1 1/4"	1	30
97.13.400	MU088001040N	40 x 3,5 - 1"	1	20
97.13.401	MU088001240N	40 x 3,5 - 1 1/4"	1	20
97.13.405	MU088001540N	40 x 3,5 - 1 1/2"	1	20
97.13.500	MU088001250N	50 x 4 - 1 1/4"	1	10
97.13.501	MU088001550N	50 x 4 - 1 1/2"	1	10

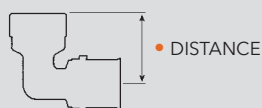
FEMALE ELBOW 90°

/ GOMITO 90° FEMMINA
/ WINKEL 90° MIT IG
/ COUDE 90° FEMELLE



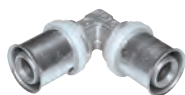
862N

CODE	TECH. CODE	SIZE 		
97.17.159	MU08620H516N	16 x 2 - 1/2" ● DISTANCE 33 mm	10	80
97.17.160	MU086200516N	16 x 2 - 1/2" ● DISTANCE 25 mm	10	80
97.17.180	MU086200518N	18 x 2 - 1/2"	10	80
97.17.200	MU086200520N	20 x 2 - 1/2"	10	60
97.17.201	MU086200720N	20 x 2 - 3/4"	10	50
97.17.203	MU086200751N	20 x 2,5 - 3/4"	10	50
97.17.250	MU086200725N	25 x 2,5 - 3/4"	5	40
97.17.260	MU086200726N	26 x 3 - 3/4"	5	40
97.17.320	MU086201032N	32 x 3 - 1"	1	20
97.17.400	MU086201240N	40 x 3,5 - 1 1/4"	1	15
97.17.500	MU086201250N	50 x 4 - 1 1/4"	1	10
97.17.501	MU086201550N	50 x 4 - 1 1/2"	1	10



ELBOW 90°

/ GOMITO 90°
/ WINKEL 90°
/ COUDE 90°



860N

CODE	TECH. CODE	SIZE 		
97.14.160	MU086000016N	16 x 2	10	80
97.14.180	MU086000018N	18 x 2	10	80
97.14.200	MU086000020N	20 x 2	10	60
97.14.250	MU086000025N	25 x 2,5	5	40
97.14.260	MU086000026N	26 x 3	5	40
97.14.320	MU086000032N	32 x 3	1	20
97.14.340	MU086000040N	40 x 3,5	1	15
97.14.350	MU086000050N	50 x 4	1	10

MALE ELBOW 90°

/ GOMITO 90° MASCHIO
/ WINKEL 90° MIT AG
/ COUDE 90° MÂLE



861N

CODE	TECH. CODE	SIZE 		
97.16.160	MU086100516N	16 x 2 - 1/2"	10	80
97.16.180	MU086100518N	18 x 2 - 1/2"	10	80
97.16.200	MU086100520N	20 x 2 - 1/2"	10	80
97.16.201	MU086100720N	20 x 2 - 3/4"	10	60
97.16.203	MU086100751N	20 x 2,5 - 3/4"	10	60
97.16.250	MU086100725N	25 x 2,5 - 3/4"	5	40
97.16.260	MU086100726N	26 x 3 - 3/4"	5	40
97.16.320	MU086101032N	32 x 3 - 1"	1	20
97.16.400	MU086101240N	40 x 3,5 - 1 1/4"	1	15
97.16.500	MU086101250N	50 x 4 - 1 1/4"	1	10
97.16.501	MU086101550N	50 x 4 - 1 1/2"	1	10

TEE

/ RACCORDO A T
/ T-STÜCK
/ TÉ



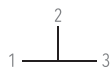
850N

CODE	TECH. CODE	SIZE 		
97.18.160	MU085000016N	16 x 2	10	50
97.18.180	MU085000018N	18 x 2	10	40
97.18.200	MU085000020N	20 x 2	10	40
97.18.250	MU085000025N	25 x 2,5	5	20
97.18.260	MU085000026N	26 x 3	5	20
97.18.320	MU085000032N	32 x 3	1	10
97.18.400	MU085000040N	40 x 3,5	1	10
97.18.500	MU085000050N	50 x 4	1	5

TEE REDUCED MIDDLE SECTION

/ RACCORDO A T RIDOTTO AL CENTRO
/ T-STÜCK MITTELABGANG REDUZIERT
/ TÉ RÉDUIT AU MILIEU

853N



CODE	TECH. CODE	SIZE 		
97.19.201	MU085300BABN	20 x 2 - 16 x 2 - 20 x 2	10	50
97.19.202	MU085300BCBN	20 x 2 - 18 x 2 - 20 x 2	10	50
97.19.250	MU085300GAGN	25 x 2,5 - 16 x 2 - 25 x 2,5	5	20
97.19.252	MU085300GBGN	25 x 2,5 - 20 x 2 - 25 x 2,5	5	20
97.19.261	MU085300DADN	26 x 3 - 16 x 2 - 26 x 3	5	20
97.19.263	MU085300DBDN	26 x 3 - 20 x 2 - 26 x 3	5	20
97.19.320	MU085300EAEN	32 x 3 - 16 x 2 - 32 x 3	1	20
97.19.322	MU085300EBEN	32 x 3 - 20 x 2 - 32 x 3	1	20
97.19.326	MU085300EDEN	32 x 3 - 26 x 3 - 32 x 3	1	20
97.19.402	MU085300HDHN	40 x 3,5 - 26 x 3 - 40 x 3,5	1	10
97.19.403	MU085300HEHN	40 x 3,5 - 32 x 3 - 40 x 3,5	1	10
97.19.500	MU085300IDIN	50 x 4 - 26 x 3 - 50 x 4	1	5
97.19.501	MU085300IEIN	50 x 4 - 32 x 3 - 50 x 4	1	5
97.19.502	MU085300IHIN	50 x 4 - 40 x 3,5 - 50 x 4	1	5

TEE ENLARGED MIDDLE SECTION

/ RACCORDO A T ALLARGATO AL CENTRO
/ T-STÜCK ERWEITERT
/ TÉ ÉLARGI AU MILIEU

853N

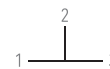


CODE	TECH. CODE	SIZE 		
97.21.161	MU085300ABAN	16 x 2 - 20 x 2 - 16 x 2	10	50
97.21.200	MU085300BGBN	20 x 2 - 25 x 2,5 - 20 x 2	5	20
97.21.201	MU085300BDBN	20 x 2 - 26 x 3 - 20 x 2	5	20
97.21.260	MU085300DEDN	26 x 3 - 32 x 3 - 26 x 3	1	20

REDUCING TEE

/ RACCORDO A T RIDOTTO
/ T-STÜCK REDUZIERT
/ TÉ RÉDUIT

853N



CODE	TECH. CODE	SIZE 		
97.20.202	MU085300BAAN	20 x 2 - 16 x 2 - 16 x 2	10	50
97.20.206	MU085300BBAN	20 x 2 - 20 x 2 - 16 x 2	10	50
97.20.250	MU085300GABN	25 x 2,5 - 16 x 2 - 20 x 2	5	20
97.20.251	MU085300GBAN	25 x 2,5 - 20 x 2 - 16 x 2	5	20
97.20.252	MU085300GBBN	25 x 2,5 - 20 x 2 - 20 x 2	5	20
97.20.254	MU085300GGBN	25 x 2,5 - 25 x 2,5 - 20 x 2	5	20
97.20.260	MU085300DABN	26 x 3 - 16 x 2 - 20 x 2	5	20
97.20.264	MU085300DBAN	26 x 3 - 20 x 2 - 16 x 2	5	20
97.20.265	MU085300DBBN	26 x 3 - 20 x 2 - 20 x 2	5	20
97.20.269	MU085300DDAN	26 x 3 - 26 x 3 - 16 x 2	5	20
97.20.270	MU085300DDBN	26 x 3 - 26 x 3 - 20 x 2	5	20
97.20.320	MU085300EBDN	32 x 3 - 20 x 2 - 26 x 3	1	20
97.20.325	MU085300EDDN	32 x 3 - 26 x 3 - 26 x 3	1	20
97.20.326	MU085300EEBN	32 x 3 - 32 x 3 - 20 x 2	1	20
97.20.329	MU085300EEDN	32 x 3 - 32 x 3 - 26 x 3	1	20
97.20.400	MU085300HEEN	40 x 3,5 - 32 x 3 - 32 x 3	1	10
97.20.403	MU085300HDEN	40 x 3,5 - 26 x 3 - 32 x 3	1	10
97.20.404	MU085300HHDN	40 x 3,5 - 40 x 3,5 - 26 x 3	1	10
97.20.405	MU085300HHEN	40 x 3,5 - 40 x 3,5 - 32 x 3	1	10
97.20.500	MU085300IHIN	50 x 4 - 40 x 3,5 - 40 x 3,5	1	5
97.20.501	MU085300IEHN	50 x 4 - 32 x 3 - 40 x 3,5	1	5
97.20.502	MU085300IIEEN	50 x 4 - 50 x 4 - 32 x 3	1	5
97.20.503	MU085300IIHN	50 x 4 - 50 x 4 - 40 x 3,5	1	5

FEMALE TEE

/ RACCORDO A T FEMMINA
/ T-STÜCK MIT IG
/ TÉ FEMELLE



852N

CODE	TECH. CODE	SIZE 		
97.23.160	MU085200516N	16 x 2 - 1/2" - 16 x 2	10	50
97.23.180	MU085200518N	18 x 2 - 1/2" - 18 x 2	10	50
97.23.200	MU085200520N	20 x 2 - 1/2" - 20 x 2	10	40
97.23.201	MU085200720N	20 x 2 - 3/4" - 20 x 2	10	40
97.23.250	MU085200525N	25 x 2,5 - 1/2" - 25 x 2,5	5	20
97.23.252	MU085200725N	25 x 2,5 - 3/4" - 25 x 2,5	5	20
97.23.260	MU085200526N	26 x 3 - 1/2" - 26 x 3	5	20
97.23.263	MU085200726N	26 x 3 - 3/4" - 26 x 3	5	20
97.23.320	MU085200532N	32 x 3 - 1/2" - 32 x 3	1	20
97.23.321	MU085200732N	32 x 3 - 3/4" - 32 x 3	1	20
97.23.322	MU085201032N	32 x 3 - 1" - 32 x 3	1	15
97.23.323	MU085201232N	32 x 3 - 1 1/4" - 32 x 3	1	15
97.23.400	MU085201040N	40 x 3,5 - 1" - 40 x 3,5	1	15
97.23.401	MU085201240N	40 x 3,5 - 1 1/4" - 40 x 3,5	1	10
97.23.500	MU085201250N	50 x 4 - 1 1/4" - 50 x 4	1	5
97.23.501	MU085201550N	50 x 4 - 1 1/2" - 50 x 4	1	5

ELBOW 45°

/ GOMITO 45°
/ WINKEL 45°
/ COUDE 45°



866N

CODE	TECH. CODE	SIZE 		
97.30.260	MU086600026N	26 x 3	5	40
97.30.320	MU086600032N	32 x 3	1	20
97.30.400	MU086600040N	40 x 3,5	1	20
97.30.500	MU086600050N •	50 x 4	1	5

• ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

FEMALE COUPLING FLANGED

/ RACCORDO DIRITTO FEMMINA FLANGIATO
/ ÜBERGANG MIT IG ANGEFLANSCHTEN
/ MANCHON FEMELLE BRIDE



NEW

855N

CODE	TECH. CODE	SIZE 		
97.60.005	MU085500516N •	16 x 2 - 1/2"	10	50

• ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE

MALE TEE

/ RACCORDO A T MASCHIO
/ T-STÜCK MIT AG
/ TÉ MÂLE



851N

CODE	TECH. CODE	SIZE 		
97.22.160	MU085100516N	16 x 2 - 1/2" - 16 x 2	10	50
97.22.180	MU085100518N	18 x 2 - 1/2" - 18 x 2	10	50
97.22.200	MU085100520N	20 x 2 - 1/2" - 20 x 2	10	40
97.22.201	MU085100720N	20 x 2 - 3/4" - 20 x 2	10	40
97.22.251	MU085100725N	25 x 2,5 - 3/4" - 25 x 2,5	5	20
97.22.252	MU085101025N	25 x 2,5 - 1" - 25 x 2,5	5	20
97.22.260	MU085100526N	26 x 3 - 1/2" - 26 x 3	5	20
97.22.261	MU085100726N	26 x 3 - 3/4" - 26 x 3	5	20
97.22.262	MU085101026N	26 x 3 - 1" - 26 x 3	5	20
97.22.320	MU085100732N	32 x 3 - 3/4" - 32 x 3	1	20
97.22.321	MU085101032N	32 x 3 - 1" - 32 x 3	1	15
97.22.400	MU085101040N	40 x 3,5 - 1" - 40 x 3,5	1	15
97.22.401	MU085101240N	40 x 3,5 - 1 1/4" - 40 x 3,5	1	10
97.22.500	MU085101250N	50 x 4 - 1 1/4" - 50 x 4	1	5
97.22.501	MU085101550N	50 x 4 - 1 1/2" - 50 x 4	1	5

STOP END

/ TAPPO CIECO
/ PRESSSTOPFEN
/ BOUCHON



881N

CODE	TECH. CODE	SIZE 		
97.31.160	MU088100016N	16 x 2	10	150
97.31.180	MU088100018N	18 x 2	10	150
97.31.200	MU088100020N	20 x 2	10	150
97.31.260	MU088100026N	26 x 3	5	100
97.31.320	MU088100032N	32 x 3	1	60
97.31.400	MU088100040N	40 x 3,5	1	40
97.31.500	MU088100050N	50 x 4	1	30

WALLPLATE ELBOW 90°

/ GOMITO 90° FLANGIATO
/ WANDWINKEL 90°
/ APPLIQUE MURALE 90°



863N

CODE	TECH. CODE	SIZE	H (mm)		
97.24.145	MU086300316N	16 x 2 - 3/8"	39 mm	10	50
97.24.160	MU086300516N	16 x 2 - 1/2"	39 mm	10	50
97.24.161	MU08630H516N	16 x 2 - 1/2"	52 mm	10	50
97.24.180	MU086300518N	18 x 2 - 1/2"	52 mm	10	40
97.24.200	MU086300520N	20 x 2 - 1/2"	52 mm	10	40
97.24.201	MU086300720N	20 x 2 - 3/4"	52 mm	10	40
97.24.203	MU086300751N	20 x 2,5 - 3/4"	52 mm	10	40
97.24.250	MU086300725N	25 x 2,5 - 3/4"	52 mm	5	30
97.24.260	MU086300726N	26 x 3 - 3/4"	52 mm	5	25

- ON REQUEST / SU RICHIESTA / AUF ANFRAGE / SUR COMMANDE
- CAUTION: TO BE PRESSED AHEAD WALL INSTALLATION!
/ ATTENZIONE: DA PRESSARE PRIMA DELL'INSTALLAZIONE A MURO
/ WICHTIG: VOR DEM WANDEINBAU VERPRESSEN!
/ AVERTISSEMENT: DOIT ÊTRE SERTI AVANT L'INSTALLATION AU MUR

WALLPLATE ELBOW-DOUBLE 90°

/ GOMITO 90° FLANGIATO DOPPIO
/ WANDWINKEL 90° DOPPELT
/ APPLIQUE MURALE 90° DOUBLE



864N

CODE	TECH. CODE	SIZE	H (mm)		
97.25.160	MU086400516N	16 x 2 - 1/2" - 16 x 2	52	10	20
97.25.200	MU086400520N	20 x 2 - 1/2" - 20 x 2	52	10	20

CONNECTING STRAIGHT SCREW FITTING WITH FLAT SEAL WITH WASHER

/ RACCORDO DIRITTO TENUTA PIATTA CON GUARNIZIONE
/ ÜBERGANGSPRESSVERSCHRAUBUNG FLACHDICHTEND
/ RACCORD À SERTIR ET ÉCROU TOURNANT JOINT PLAT



876N

CODE	TECH. CODE	SIZE		
97.42.150	MU087600516N	16 x 2 - 1/2"	10	100
97.42.160	MU087600716N	16 x 2 - 3/4"	10	100
97.42.200	MU087600720N	20 x 2 - 3/4"	10	100
97.42.260	MU087601026N	26 x 3 - 1"	5	80

WALLPLATE ELBOW-LONG 90°

/ GOMITO 90° FLANGIATO LUNGO
/ WANDWINKEL 90° LANG
/ APPLIQUE MURALE 90° LONGUE



863LN

CODE	TECH. CODE	SIZE	H (mm)		
97.26.160	MU0863L0516N	16 x 2 - 1/2"	78	5	25
97.26.200	MU0863L0520N	20 x 2 - 1/2"	78	5	25

WALLPLATE ELBOW U-SHAPED 90°

/ GOMITO 90° FLANGIATO AD U
/ WANDWINKEL U-FORM 90°
/ COUDE APPLIQUE EN U 90°



887N

CODE	TECH. CODE	SIZE		
97.27.160	MU088700516N	16 x 2 - 1/2" - 16 x 2	5	15
97.27.200	MU088700520N	20 x 2 - 1/2" - 20 x 2	5	15

ELBOW MALE/FEMALE LONG FOR CONNECTION TO LAVATORY FLUSH-WATER TANK

/ GOMITO FLANGIATO MASCHIO/FEMMINA LUNGO
PER CASSETTA DI RISCACQUO
/ WANDDURCHFÜHRUNG AG/IG MIT VERDREHSCHUTZ
/ APPLIQUE RÉSERVOIR MÂLE/FEMELLE



867N

CODE	TECH. CODE	SIZE	H (mm)		
97.33.105	MU086700516N	16 x 2	78	5	25
97.33.115	MU086700520N	20 x 2	78	5	25

CONNECTING SCREW FITTING WITH EUROCONE

/ RACCORDO DIRITTO CON TENUTA EUROCONO
/ ANSCHLUSSPRESSVERSCHRAUBUNG MIT EUROKONUS
/ RACCORD À SERTIR ET ÉCROU TOURNANT EUROCÔNE



875N

CODE	TECH. CODE	SIZE		
87.40.160	MU087500716N	16 x 2 - 3/4"	10	100
87.40.200	MU087500720N	20 x 2 - 3/4"	10	100
87.40.260	MU087501026N	26 x 3 - 1"	10	100
87.40.265	MU087501032N	32 x 3 - 1"	5	50

INSTALLATION / INSTALLAZIONE / INSTALLATION / INSTALLATION

1



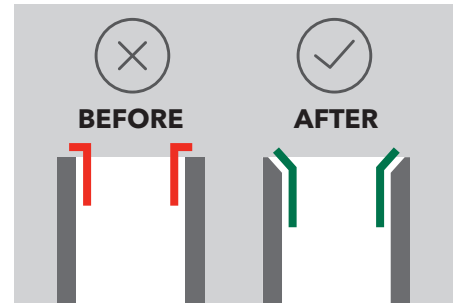
CUT
/ TAGLIO
/ ROHRABLÄNGEN
/ COUPER

2



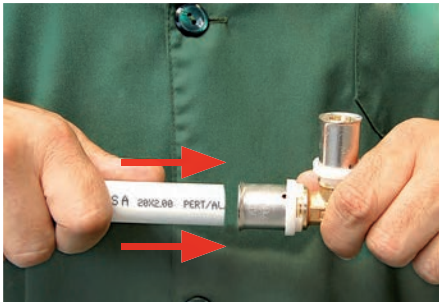
CALIBRATION
/ CALIBRATURA
/ KALIBRIERUNG UND ENTGRATEN
/ COUPER

3



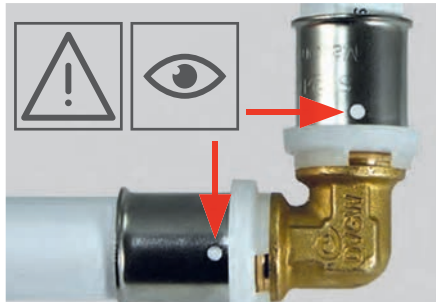
PIPE CALIBRATION
/ CALIBRAZIONE DEL TUBO
/ ROHRKALIBRIERUNG
/ CALIBRAGE DE TUYAU

4



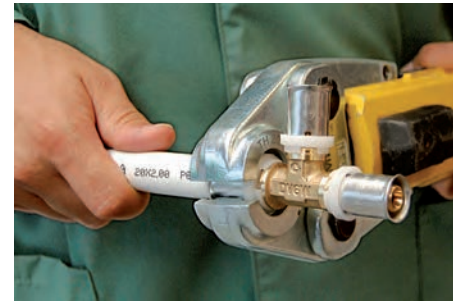
INSERTING THE FITTING
/ MONTAGGIO DEL RACCORDO
/ MONTAGE DES FITTINGS
/ INSERTION DU RACCORD

5



VISUAL INSPECTION
/ CONTROLLO VISIVO
/ VISUELLE KONTROLLE
/ CONTRÔLE VISUEL

6



PRESSING
/ PRESSATURA
/ VERPRESSUNG
/ PRESSER

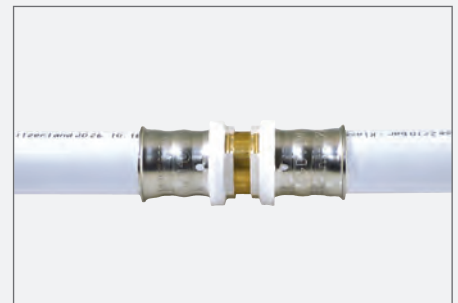
COMISA PRESS CONTROL



FITTING NOT PRESSED
/ RACCORDO NON PRESSATO
/ UNVERPRESSTER FITTING
/ RACCORD NON SERTI



**FITTING NOT PRESSED AND TESTED
BETWEEN 1 AND 4,5 BAR - IT LEAKS**
/ RACCORDO NON PRESSATO PROVATO DA 1
FINO A 4,5 BAR - **PERDE**
/ ZWISCHEN 1 UND 4,5 BAR GEPRÜFTER
NICHT VERPRESSTER FITTING - **UNDICHT**
/ RACCORDS NON SERTI,
TEST EN PRESSION À 1-4.5BAR - **IL FUIT**



**FITTING PRESSED AND TESTED
BETWEEN 1 AND 4,5 BAR - IT DOESN'T LEAK**
/ RACCORDO PRESSATO PROVATO - NON PERDE
/ ZWISCHEN 1 UND 4,5 BAR GEPRÜFTER
VERPRESSTER FITTING - **DICHT**
/ RACCORD SERTI, TEST EN PRESSION À 1-4,5 BAR
IL NE FUIT PAS

CLAMPING JAW PROFILE TO BE USED WITH COMISA PRESS FITTINGS

/ PROFILO GANASCE DA UTILIZZARE CON RACCORDI COMISA PRESS SYSTEM
 / PRESSPROFIL IM EINSATZ MIT COMISA PRESS FITTINGS
 / PROFIL DES MÂCHOIRES / INSERTS À UTILISER AVEC LES RACCORDS À SERTIR COMISA



**CONNECTING STRAIGHT SCREW FITTING
 WITH FLAT SEAL WITH WASHER**

**Ø COMPATIBLE WITH
H - B JAWS:**

/ Ø COMPATIBILE CON GANASCE H - B
 / Ø KOMPATIBILITÄT MIT PRESSBACKEN H - B
 / Ø COMPATIBLES AVEC LES PROFILS H ET B

TH	H	B
14	14	14
16	16	16
18	18	18
20	20	20
25	26	26
26	32	32
32		
40		
50		
63		

IMPORTANT!**COMISA PRESS SERIES**

Following the introduction on the market of multilayer pipes or fittings of uncontrolled origin, in order to protect their customers, Comisa S.p.A. states as follows:

CLAMPING JAW PROFILES COMPATIBLE WITH COMISA PRESS SYSTEM

The COMISA PRESS system, DVGW Certificate No. DW-8501BO0049, includes:

- COMISA PRESS Fittings
- COMISA Multilayer pipe
- Jaws TH Profile

COMISA ensures the compatibility of the jaws H or B only when used with the COMISA PRESS System: COMISA Multilayer pipe + fittings. Regarding the use of pipe or fittings of other producers and/or of other sources, COMISA does not guarantee the compatibility, if not after the customer's request, following which COMISA will implement its test procedure for inspection. After successful testing, COMISA will issue a certificate of guarantee.

Warning:

THE PIPE CALIBRATION IS IMPORTANT AND MUST BE MADE WITH CHIP REMOVAL CALIBRATORS.
 DO NOT USE CALIBRATORS FOR PE-X AS NOT ADEQUATE.

/ ATTENZIONE!**SERIE COMISA PRESS**

A seguito della immissione sul mercato di tubi multistrato o di raccorderie di incontrollata provenienza, al fine di tutelare la propria clientela, COMISA S.p.A. precisa quanto segue:

PROFILI GANASCE COMPATIBILI CON COMISA PRESS SYSTEM

Il sistema COMISA PRESS SYSTEM, certificato DVGW No. DW-8501BO0049, è composto da:

- Raccordi COMISA PRESS
- Tubo multistrato COMISA
- Ganasce profilo TH

COMISA garantisce la compatibilità delle ganasce H o B solo se utilizzate con sistema COMISA PRESS: raccordi + tubo multistrato COMISA. Per quanto riguarda l'utilizzo di tubo o di raccorderie di altro produttore e/o di altra provenienza, non si garantisce la compatibilità, se non previa richiesta del cliente, a seguito della quale COMISA attuerà il proprio protocollo di test per la verifica stessa. Ad esito positivo delle prove, COMISA rilascerà una certificazione di garanzia.

Attenzione:

LA CALIBRAZIONE DEL TUBO È IMPORTANTISSIMA E DEVE ESSERE FATTA CON CALIBRATORI AD ASPORTAZIONE DI TRUCIOLO. NON UTILIZZARE CALIBRATORI PER TUBO PE-X IN QUANTO NON ADEGUATI.

/ ACHTUNG!**SERIE COMISA PRESS**

Unkontrollierbare Angebote an Mehrschichtverbundrohr oder Pressfittinge auf dem Markt veranlassen uns, zum Schutz unserer eigenen Kunden, nachfolgende Erklärung abzugeben:

PRESSPROFILE KOMPATIBEL MIT COMISA PRESSSYSTEM

Das System COMISA PRESS, DVGW Zulassung DW-8501BO0049 besteht aus:

- Fittings COMISA PRESS
- Mehrschichtverbundrohr COMISA
- Pressprofil TH

COMISA garantiert die Kompatibilität der Press-Profile H und B nur in Verbindung mit den eigenen Systemkomponenten. Bei Einsatz von Rohr oder Formteilen anderer Hersteller bzw. fremder Herkunft kann eine Kompatibilität nur nach vorheriger Absprache und Genehmigung seitens Comisa gegeben werden. Eine von Werkseite ausgestellte Garantie gewährleistet den positiven Ausgang der durchgeführten Kontrolltests.

Achtung:

WIR WEISEN AUF DIE HOHE BEDEUTUNG EINER KORREKTEN UND FACHGERECHTEN KALIBRIERUNG UND ENTGRATUNG (ENTFERNEN VON SPÄNEN) MITTELS EINES GEEIGNETEN WERKZEUGES HIN. KALIBRIERER FÜR PE-X - ROHRE SIND FÜR EIN MEHRSCICHTVERBUNDROHR NICHT GEEIGNET.

/ IMPORTANT!**FAMILLE DE RACCORDS À SERTIR COMISA**

Suite à l'introduction sur le marché de tube multicouche et de raccords d'origine non contrôlée, afin de protéger ses clients, COMISA souligne ce qui suit:

PROFILS DE SERTISSAGE COMPATIBLES AVEC SYSTÈME À SERTIR COMISA

Le système à sertir COMISA, Certification DVGW No DW-8501BO0049, comprend:

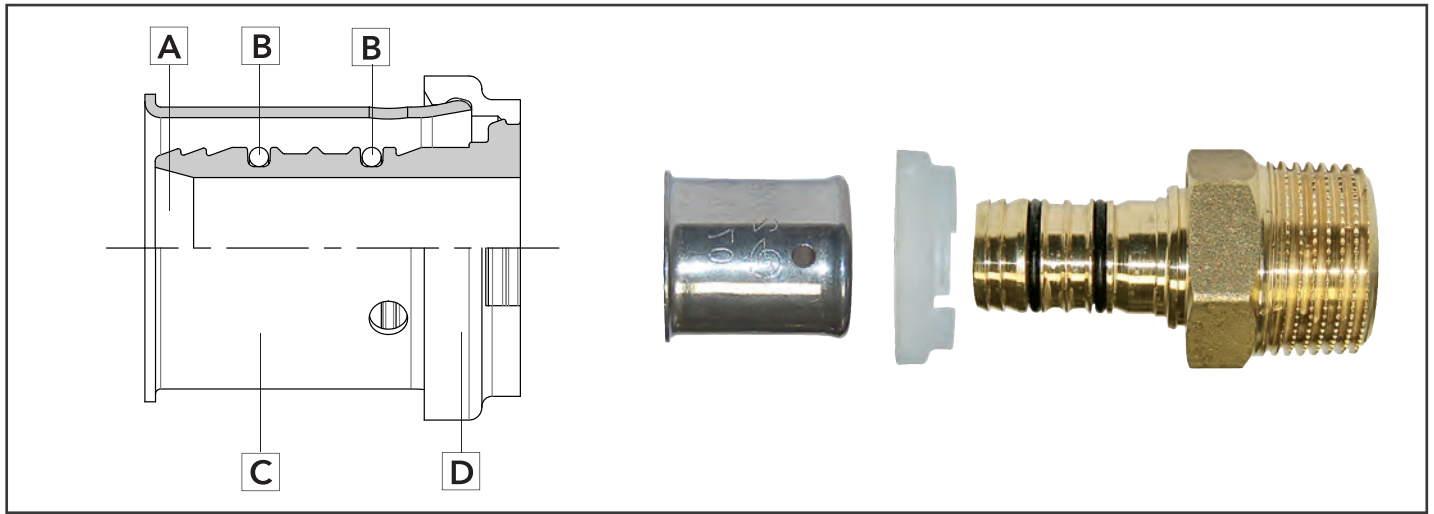
- Raccords à sertir COMISA press
- Tube multicouche COMISA
- Mâchoires/inserts profil TH

COMISA assure aussi la compatibilité de ces raccords à sertir avec les mâchoires/insert au profil H ou B uniquement pour les diamètres spécifiés ci-contre. En ce qui concerne l'utilisation de tuyaux ou des raccords d'autres producteurs et /ou d'autres sources, Comisa ne garantit pas à priori la compatibilité. Le client devra en faire la demande à COMISA et fournir un ensemble d'éléments afin que Comisa puisse effectuer un protocole de test ad-hoc. Suite aux essais concluants, Comisa pourra émettre un certificat de garantie spécifique au système testé.

Avertissement:

LE CALIBRAGE DU TUYAU EST IMPORTANT ET DOIT ÊTRE FAITE AVEC UN CALIBREURS/ÉBAVUREUR.
 N'UTILISEZ PAS DES CALIBREURS POUR TUBE PE-X, CAR ILS NE SONT PAS ADAPTÉS AU TUBE MULTICOUCHE.

SYSTEM CHARACTERISTICS / CARATTERISTICHE DEL SISTEMA / SYSTEMEIGENSCHAFTEN / CARACTÉRISTIQUES DU SYSTÈME



- A) **Brass body** in EN 12165 CW 617 N / EN 12164 CW 617 N: the part which characterises and denotes the figure of the fitting, elbow, tee, nipple or other. The drawing of the profile represents the features of the Comisa Press System and denotes its design. The processing tolerances are very reduced and the standard of processing is constantly monitored.
- B) Two special **O Rings** in EPDM-Peroxide mix: the profile of the fitting includes two OR, whose diameter varies depending on the size of the fitting. Their function is to compensate the thermal expansion of the multilayer pipe and therefore to ensure a perfect seal of the fitting with passage of hot or cold water.
- C) Stainless steel AISI 304 DIN EN 10088-2 **pressure collar**: the part on which the jaw exercises its own pressing action. After having been deformed, the stainless steel sleeve is not subject to any elastic return, immediate or subsequent. To guarantee irreversibility of the deformation, the sleeve is submitted to solubilisation.
- D) A white **clip ring** in plastic: it joins the stainless steel pressure collar to the brass body and implements a spacer which is placed between the multilayer pipe and the brass element of the fitting, preventing propagation of any highly damaging galvanic currents. In actual fact the aluminium layer of the pipe never touches the fitting because the processing profile of the fitting has a tube-stop which does not allow it. The shape of the clip also guarantees an unequivocal correspondence of the TH clamping jaws.

- A) **Corpo in ottone** EN12165 CW617N / EN12164 CW617N: è la parte che caratterizza e denota la "figura" del raccordo. Il disegno dell'attacco rappresenta la caratteristica del sistema Comisa Press e ne connota il progetto.
- B) Due **O'Rings** in speciale mescola EPDM-Perossido. La loro funzione è quella di compensare la dilatazione termica del tubo multistrato e perciò di assicurare una perfetta tenuta del raccordo sia con passaggio di acqua calda che fredda.
- C) **Bussolotto in acciaio inox** AISI 304 DIN EN 10088-2: è la parte su cui la ganaschia esercita la propria azione di pressatura. Dopo essere stato deformato, il bussolotto in acciaio inox non è soggetto ad alcun ritorno elastico, né immediato né successivo. Al fine di garantire l'irreversibilità della deformazione, il bussolotto viene sottoposto a trattamento di solubilizzazione.
- D) **Anello a clip** in materiale plastico: permette di congiungere il bussolotto inox al corpo in ottone ed implementa un distanziale che si interpone fra il tubo multistrato ed il corpo in ottone del raccordo, evitando la propagazione di eventuali dannosissime correnti galvaniche. Grazie alla forma della clips lo strato di alluminio del tubo non viene mai a contatto con il raccordo. La forma della clip garantisce, inoltre, un riscontro inequivocabile alla pinza TH.

- A) Einem **Messingkörper** EN 12165 CW 617 N / EN 12164 CW 617 N - Bestandteil, der die Form des Fittings bestimmt, Winkel, T-Stück, Anschlussstück oder andere. Technische Zeichnungen zeigen die Charakteristik des Comisa Presssystems auf und kennzeichnen das Projekt. Unter konstanter Überwachung der Qualität bewegen sich die Bearbeitungstoleranzen in einem engen Rahmen.
- B) 2 **O-Ringe** in der speziellen Zusammensetzung von EPDM (Ethyl-Propylen-Dien-Kautschuk) - Peroxyd: Für den Fitting sind 2 O-Ringe vorgesehen, deren Durchmesser sich an den unterschiedlichen Maßen der Pressverbinder orientiert. Ihre Funktion, die thermische Ausdehnung des Rohrs auszugleichen und somit eine perfekte Dichtigkeit sowohl beim Durchfluss von Warm- als auch Kaltwasser zu garantieren.
- C) Einer **Hülse** aus Edelstahl AISI 304 DIN EN 10088-2, Komponente, auf die die Pressbacke ihren Druck ausübt. Nach der Verpressung behält die Edelstahlhülse ihre erworbene Form, weder eine sofortige noch eine nachfolgende Veränderung ist möglich. Um die Irreversibilität der Verformung zu garantieren, wird die Hülse im Vorfeld dem Solubilisation Verfahren unterzogen.
- D) Einem weiß **Kunststoffring**, dieser ermöglicht die Verbindung der Edelstahlhülse mit dem Messingkörper und bewirkt gleichzeitig die Trennung zwischen Rohr und Fittingkörper - die Gefahr einer elektrogalvanischen Reaktion ist ausgeschlossen. Tatsächlich kommt die Aluminiumschicht des Rohres nie mit dem Fitting in Kontakt, da der Aufbau des Fittingkörpers automatisch einen Rohrstopps vorsieht, der dies verhindert. Die Form des Kunststoffrings garantiert darüber hinaus die eindeutige Positionierung der TH-Pressbacke.

- A) Un **corps en laiton** (EN 12165 CW 617 N / EN 12164 CW 617 N) qui caractérise et désigne le raccord: droit, coude, té ou autre. Le profil du corps en laiton des raccords est une spécificité Comisa qui les distingue de tous les produits concurrents. Les performances de nos raccords sont dues aussi à la précision de l'usinage demandant des tolérances très réduites constamment surveillées.
- B) Deux **joints toriques** spéciaux en EPDM Peroxyde-mix: sur le corps du raccord sont logés deux o-ring dont le diamètre varie en fonction du raccord. Leur fonction est de compenser la dilatation thermique du tuyau multicouche et donc assurer une parfaite étanchéité du raccord avec le passage de l'eau chaudes ou froide.
- C) Une **bague à sertir** en acier inox AISI 304 DIN EN 10088-2: la partie sur laquelle la pince à sertir exerce sa pression. Après avoir été déformée, la bague en acier inoxydable n'est pas soumise à un rappel élastique, ni immédiatement ni dans le temps. Afin de garantir l'irréversibilité de la déformation, la bague a été soumise à un processus dit de solubilisation.
- D) Un **anneau en plastique** blanc à clipper: il retient la bague inox au corps du raccord en laiton, en évitant le contact direct entre les deux métaux et donc les courants galvaniques. Ce même anneau plastique évite le contact de l'aluminium avec les autres métaux du raccord. La forme de cet anneau plastique identifie de façon certaine qu'il s'agit d'un raccord à sertir avec profil TH.

SYSTEM CHARACTERISTICS / CARATTERISTICHE DEL SISTEMA / SYSTEMEIGENSCHAFTEN / CARACTÉRISTIQUES DU SYSTÈME



Installation speed

The Comisa Press fittings can be perfectly installed with a few operations by even those with little experience. It is sufficient to follow the instructions which we provide and make the suitable equipment available. Time saving and the result are guaranteed.

Practical use

Our fittings are immediately ready for installation without the plumber having to accomplish any assembly operation; in the packaging the fitting is already fully pre-assembled. The plastic clip which implements the pressure collar ensures the correct positioning of the TH clamping jaw. The few operations necessary for installation, the range of figures and measurements available ensure the practical use of the Comisa Press fittings.

Total safety

The *Press Control System* with which the Comisa Press fittings are provided identifies any un-pressed joints. During the inspection phase of the plant, with a test pressure of up to 4,5 bar, the Comisa unpressed fittings leak and this allows immediate identification of the fitting on which to intervene. This feature is homologated by the DVGW body only on the Press fittings.

Versatility

Comisa has developed its own Press fittings optimized for the TH profile. Nevertheless the Comisa Press fittings are also available with other profiles, with which the compatibility has been tested.

/ Velocità di installazione

I raccordi a pressare Comisa Press si installano perfettamente con poche operazioni eseguibili anche da personale poco esperto. E' sufficiente seguire le istruzioni che forniamo e disporre dell'attrezzatura adeguata. Il risparmio in termini di tempo è garantito così come il risultato.

Praticità di utilizzo

I nostri raccordi sono immediatamente pronti per l'installazione senza che l'idraulico debba compiere alcuna operazione di montaggio; nell'imballaggio il raccordo è già completamente pre montato. La clip in plastica che implementa il bussolotto assicura il corretto posizionamento della ganasce di serraggio tipo TH. Le poche operazioni necessarie all'installazione, la gamma di figure e di misure disponibili assicurano la praticità di utilizzo dei raccordi Comisa Press.

Sicurezza assoluta

Il sistema *Press Control* di cui sono dotati i raccordi Comisa Press permette di individuare eventuali giunzioni non pressate. Durante la fase di collaudo dell'impianto, con pressione di prova fino a 4,5 bar, i raccordi Comisa Press permettono la perdita immediata e perciò l'individuazione del raccordo sul quale intervenire. Tale caratteristica è omologata dall'ente DVGW solo sui raccordi Comisa Press.

Versatilità

Comisa ha sviluppato i propri raccordi serie Comisa Press per l'accoppiamento con ganasce tipo TH. Tuttavia è possibile pressare questo tipo di raccordi anche con altri profili, con i quali è stata testata la compatibilità.

/ Montagegeschwindigkeit Comisa Presssystem lässt sich hervorragend in wenigen Arbeitsschritten verarbeiten, was auch von weniger erfahrenen Arbeitskräften durchgeführt werden kann. Es genügt, die entsprechenden Anweisungen zu befolgen und das passende Werkzeug einzusetzen. Die Zeitersparnis ist ebenso garantiert wie das Resultat.

Einfach Verwendung

Unsere Fittings können sofort montiert werden, ohne dass der Installateur noch irgendwelche Vorarbeiten zu leisten hat; der Fitting ist in der Verpackung schon vollständig vormontiert. Der Kunststoffring, der die Hülse trägt, sorgt für die korrekte Positionierung der Pressbacke Profil TH. Wenige Montageschritte und die breite Auswahl an Formteilen bei Comisa Presssystem garantieren unseren Kunden die Sicherheit eines hochwertigen und praktischen Installationssystems.

Zertifizierte Sicherheit

Durch das *Press Control System* mit dem Comisa Press Fittings ausgestattet sind, ist es möglich, eventuell vorhandene unverpresste Verbindungen aufzuspüren.

Während des Testlaufs der Anlage bei einem Prüfdruck von bis zu 4,5 bar werden mögliche Undichtigkeiten sofort lokalisiert und anschließend verpresst. Dieses charakteristische Merkmal wurde vom DVGW in die bestehende Zertifizierung der Fittings aufgenommen.

Vielseitigkeit

Das Comisa Presssystem wurde für die Verbindung mit Pressbacken vom Typ TH konzipiert. Es ist jedoch möglich weitere Profile zu verwenden, die auf ihre Kompatibilität hin getestet wurden.

/ Rapidité d'installation

Les raccords à sertir Comisa peuvent être parfaitement installés avec quelques gestes exécutable même par quelqu'un ayant peu d'expérience. Il est suffisant de suivre les instructions et utiliser le matériel adapté. Gain de temps et résultat sont garantis.

Facile à utiliser

Nos raccords sont prêts à l'emploi, sans que l'installateur ait à accomplir une quelconque opération de pré-assemblage. Dans son emballage le raccord est déjà entièrement pré-assemblé. Le clip en plastique qui fixe la bague à sertir au corps du raccord assure le positionnement correct de la mâchoire de sertissage TH. La gamme à sertir Comisa est disponible dans un vaste choix de forme de raccord et de taille, ils s'installent en quelque geste, ce qui en fait un raccord très pratique à utiliser.

Sécurité totale

Le système de contrôle du sertissage *Press Control System* permet l'identification d'éventuels raccords qui n'auraient pas été sertis. Au cours du test sous pression de l'installation, exécuté avec une pression allant jusqu'à 4,5 bar, un raccord à sertir Comisa qui n'aurait pas été sertit va fuir, ce qui permet d'identifier le raccord sur lequel intervenir. Cette fonctionnalité est homologuée par l'organisme DVGW pour les raccords à sertir.

Versatilité

Comisa a développé ses propres raccords à sertir Comisa Press pour être sertis avec le profil TH. Néanmoins, les raccords à sertir Comisa peuvent être sertis avec les profils H ou B dont la compatibilité a été testée pour certains diamètres de tube.

COMISA PRESS GAS

/ COMISA PRESS GAS
/ COMISA PRESS GAS
/ COMISA PRESS GAZ

BRASS

UNI EN 12164/12165
CW 617N
DIN 50930-6



STRAIGHT COUPLER

/ RACCORDO DIRITTO
/ KUPPLUNG
/ MANCHON ÉGAL



870

CODE	TECH. CODE	SIZE 		
87.81.160	MUG870000160	16 x 2	10	100
87.81.200	MUG870000200	20 x 2	10	80
87.81.260	MUG870000260	26 x 3	5	50
87.81.320	MUG870000320	32 x 3	1	30

MALE COUPLER

/ RACCORDO DIRITTO MASCHIO
/ ÜBERGANG MIT AG
/ MANCHON MÂLE



871

CODE	TECH. CODE	SIZE 		
87.83.160	MUG871005160	16 x 2 - 1/2"	10	120
87.83.165	MUG871007160	16 x 2 - 3/4"	10	120
87.83.200	MUG871005200	20 x 2 - 1/2"	10	120
87.83.201	MUG871007200	20 x 2 - 3/4"	10	100
87.83.255	MUG871005260	26 x 3 - 1/2"	5	60
87.83.260	MUG871007260	26 x 3 - 3/4"	5	60
87.83.261	MUG871010260	26 x 3 - 1"	5	50
87.83.320	MUG871010320	32 x 3 - 1"	1	40

FEMALE ELBOW 90°

/ GOMITO 90° FEMMINA
/ WINKEL 90° MIT IG
/ COUDE 90° FEMELLE



862

CODE	TECH. CODE	SIZE 		
87.87.159	MUG8620H5160	16 x 2 - 1/2" 33 mm	10	80
87.87.160	MUG862005160	16 x 2 - 1/2" 25 mm	10	80
87.87.200	MUG862005200	20 x 2 - 1/2"	10	60
87.87.201	MUG862007200	20 x 2 - 3/4"	10	50
87.87.260	MUG862007260	26 x 3 - 3/4"	5	40
87.87.265	MUG862010260	26 x 3 - 1"	5	40
87.87.320	MUG862010320	32 x 3 - 1"	1	20

REDUCING COUPLER

/ RACCORDO DIRITTO RIDOTTO
/ KUPPLUNG REDUZIERT
/ MANCHON RÉDUIT



870R

CODE	TECH. CODE	SIZE 		
87.82.201	MUG870R20160	20 x 2 - 16 x 2	10	80
87.82.260	MUG870R26160	26 x 3 - 16 x 2	5	50
87.82.263	MUG870R26200	26 x 3 - 20 x 2	5	50
87.82.325	MUG870R32260	32 x 3 - 26 x 3	1	30

FEMALE COUPLER

/ RACCORDO DIRITTO FEMMINA
/ ÜBERGANG MIT IG
/ MANCHON FEMELLE



880

CODE	TECH. CODE	SIZE 		
87.84.160	MUG880005160	16 x 2 - 1/2"	10	120
87.84.200	MUG880005200	20 x 2 - 1/2"	10	120
87.84.201	MUG880007200	20 x 2 - 3/4"	10	80
87.84.255	MUG880005260	26 x 3 - 1/2"	5	60
87.84.260	MUG880007260	26 x 3 - 3/4"	5	60
87.84.261	MUG880010260	26 x 3 - 1"	5	50
87.84.320	MUG880010320	32 x 3 - 1"	1	40

MALE ELBOW 90°

/ GOMITO 90° MASCHIO
/ WINKEL 90° MIT AG
/ COUDE 90° MÂLE



861

CODE	TECH. CODE	SIZE 		
87.86.160	MUG861005160	16 x 2 - 1/2"	10	80
87.86.200	MUG861005200	20 x 2 - 1/2"	10	80
87.86.201	MUG861007200	20 x 2 - 3/4"	10	60
87.86.260	MUG861007260	26 x 3 - 3/4"	5	40
87.86.320	MUG861010320	32 x 1"	1	20

ELBOW 90°

/ GOMITO 90°
/ WINKEL 90°
/ COUDE 90°



860

CODE	TECH. CODE	SIZE 		
87.85.160	MUG860000160	16 x 2	10	80
87.85.200	MUG860000200	20 x 2	10	60
87.85.260	MUG860000260	26 x 3	5	40
87.85.320	MUG860000320	32 x 3	1	20

TEE

/ RACCORDO A T
/ T-STÜCK
/ TÉ



850

CODE	TECH. CODE	SIZE 		
87.88.160	MUG850000160	16 x 2	10	50
87.88.200	MUG850000200	20 x 2	10	40
87.88.260	MUG850000260	26 x 3	5	20
87.88.320	MUG850000320	32 x 3	1	10

TEE ENLARGED MIDDLE SECTION

/ RACCORDO A T ALLARGATO AL CENTRO
/ T-STÜCK ERWEITERT
/ TÉ ÉLARGI AU MILIEU



853

CODE	TECH. CODE	SIZE 		
87.91.161	MUG85300ABA0	16 x 2 - 20 x 2 - 16 x 2	10	50
87.91.201	MUG85300BDB0	20 x 2 - 26 x 3 - 20 x 2	5	20
87.91.260	MUG85300DED0	26 x 3 - 32 x 3 - 26 x 3	1	20

FEMALE TEE

/ RACCORDO A T FEMMINA
/ T-STÜCK MIT IG
/ TÉ FEMELLE

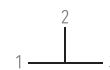


852

CODE	TECH. CODE	SIZE 		
87.93.160	MUG852005160	16 x 2 - 1/2" - 16 x 2	10	50
87.93.200	MUG852005200	20 x 2 - 1/2" - 20 x 2	10	40
87.93.201	MUG852007200	20 x 2 - 3/4" - 20 x 2	10	40
87.93.260	MUG852005260	26 x 3 - 1/2" - 26 x 3	5	20
87.93.263	MUG852007260	26 x 3 - 3/4" - 26 x 3	5	20
87.93.322	MUG852010320	32 x 3 - 1" - 32 x 3	1	20

TEE REDUCED MIDDLE SECTION

/ RACCORDO A T RIDOTTO AL CENTRO
/ T-STÜCK MITTELABGANG REDUZIERT
/ TÉ RÉDUIT AU MILIEU

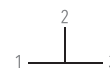


853

CODE	TECH. CODE	SIZE 		
87.89.201	MUG85300BAB0	20 x 2 - 16 x 2 - 20 x 2	10	50
87.89.261	MUG85300DAD0	26 x 3 - 16 x 2 - 26 x 3	5	20
87.89.263	MUG85300DBD0	26 x 3 - 20 x 2 - 26 x 3	5	20
87.89.322	MUG85300EBE0	32 x 3 - 20 x 2 - 32 x 3	1	20
87.89.326	MUG85300EDE0	32 x 3 - 26 x 3 - 32 x 3	1	20

REDUCING TEE

/ RACCORDO A T RIDOTTO
/ T-STÜCK REDUZIERT
/ TÉ RÉDUIT

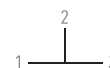


853

CODE	TECH. CODE	SIZE 		
87.90.202	MUG85300BAA0	20 x 2 - 16 x 2 - 16 x 2	10	50
87.90.206	MUG85300BBA0	20 x 2 - 20 x 2 - 16 x 2	10	50
87.90.260	MUG85300DAB0	26 x 3 - 16 x 2 - 20 x 2	5	20
87.90.264	MUG85300DBA0	26 x 3 - 20 x 2 - 16 x 2	5	20
87.90.265	MUG85300DBB0	26 x 3 - 20 x 2 - 20 x 2	5	20
87.90.269	MUG85300DDA0	26 x 3 - 26 x 3 - 16 x 2	5	20
87.90.270	MUG85300ddb0	26 x 3 - 26 x 3 - 20 x 2	5	20

MALE TEE

/ RACCORDO A T MASCHIO
/ T-STÜCK MIT AG
/ TÉ MÂLE



851

CODE	TECH. CODE	SIZE 		
87.92.160	MUG851005160	16 x 2 - 1/2" - 16 x 2	10	50
87.92.200	MUG851005200	20 x 2 - 1/2" - 20 x 2	10	40
87.92.201	MUG851007200	20 x 2 - 3/4" - 20 x 2	10	40
87.92.260	MUG851005260	26 x 3 - 1/2" - 26 x 3	5	20
87.92.261	MUG851007260	26 x 3 - 3/4" - 26 x 3	5	20
87.92.262	MUG851010260	26 x 3 - 1" - 26 x 3	5	20
87.92.321	MUG851010320	32 x 3 - 1" - 32 x 3	1	20

WALLPLATE ELBOW 90°

/ GOMITO 90° FLANGIATO
/ WANDWINKEL 90°
/ APPLIQUE MURALE 90°



863

CODE	TECH. CODE	SIZE 	H (mm)		
87.94.160	MUG863005160 •	16 x 2 - 1/2"	39 mm	10	50
87.94.161	MUG8630H5160	16 x 2 - 1/2"	52 mm	10	40
87.94.200	MUG863005200	20 x 2 - 1/2"	52 mm	10	40
87.94.201	MUG863007200	20 x 2 - 3/4"	52 mm	10	30
87.94.260	MUG863007260	26 x 3 - 3/4"	52 mm	5	25

• CAUTION! TO BE PRESSED AHEAD WALL INSTALLATION!
/ ATTENZIONE: DA PRESSARE PRIMA DELL'INSTALLAZIONE A MURO
/ WICHTIG: VOR DEM WANDEINBAU VERPRESSEN!
/ AVERTISSEMENT: DOIT ÊTRE SERTI AVANT L'INSTALLATION AU MUR

STOP END

/ TAPPO CIECO
/ PRESSSTOPFEN
/ BOUCHON



881

CODE	TECH. CODE	SIZE 		
87.97.160	MUG881000160	16 x 2	10	150
87.97.200	MUG881000200	20 x 2	10	150
87.97.260	MUG881000260	26 x 3	5	100
87.97.320	MUG881000320	32 x 3	1	50

O-RINGS

/ O-RING
/ O-RINGE
/ O-RINGS



CODE	TECH. CODE	SIZE 	
87.97.616	ORG8500016000	16 x 2	
87.97.620	ORG8500020000	20 x 2	
87.97.626	ORG8500026000	26 x 3	
87.97.632	ORG8500032000	32 x 3	

CONNECTING STRAIGHT SCREW FITTING WITH FLAT SEAL WITH WASHER

/ RACCORDO DIRITTO TENUTA PIATTA CON GUARNIZIONE
/ ÜBERGANGSPRESSVERSCHRAUBUNG FLACHDICHTEND
/ RACCORD À SERTIR ET ÉCROU TOURNANT JOINT PLAT



876

CODE	TECH. CODE	SIZE 		
87.95.150	MUG87600516L	16 x 2 - 1/2"	10	100
87.95.160	MUG87600716L	16 x 2 - 3/4"	10	100
87.95.200	MUG87600720L	20 x 2 - 3/4"	10	100
87.95.260	MUG87601026L	26 x 3 - 1"	5	80

PRESSURE COLLAR IN STAINLESS STEEL

/ BUSSOLOTTA IN ACCIAIO INOX
/ PRESSHÜLSE AUS EDELSTAHL
/ BAGUE DE SERTISSAGE INOX



CODE	TECH. CODE	SIZE 		
87.97.516	BUG851000160	16 x 2	1	300
87.97.520	BUG851000200	20 x 2	10	400
87.97.526	BUG851000260	26 x 3	10	400
87.97.532	BUG851000320	32 x 3	10	300

INSTALLATION / INSTALLAZIONE / INSTALLATION / INSTALLATION

1



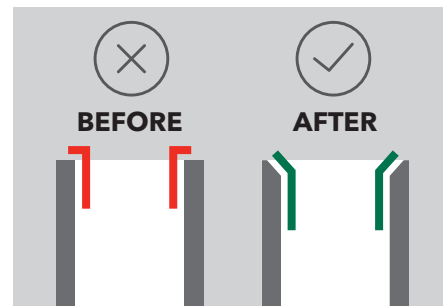
CUT
/ TAGLIO
/ ROHRABLÄNGEN
/ COUPER

2



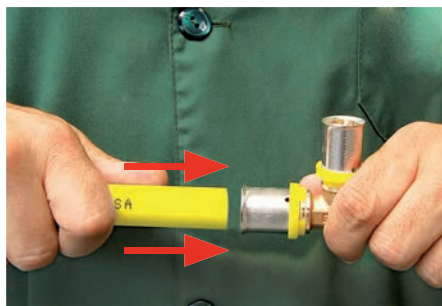
CALIBRATION
/ CALIBRATURA
/ KALIBRIERUNG
/ COUPER

3



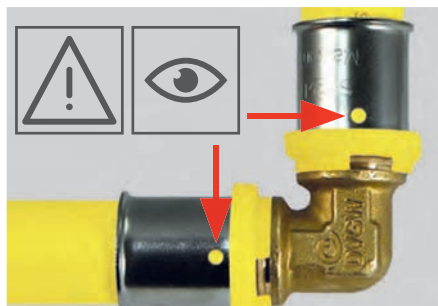
PIPE CALIBRATION
/ CALIBRAZIONE DEL TUBO
/ ROHRKALIBRIERUNG
/ CALIBRAGE DE TUYAU

4



INSERTING THE FITTING
/ MONTAGGIO DEL RACCORDO
/ MONTAGE DES FITTINGS
/ INSERTION DU RACCORD

5



VISUAL INSPECTION
/ CONTROLLO VISIVO
/ VISUELLE KONTROLLE
/ CONTRÔLE VISUEL

6



PRESSING
/ PRESSATURA
/ VERPRESSUNG
/ PRESSER

CARATTERISTICHE TECNICHE COMISA GAS SYSTEM

Il sistema **Comisa Gas system** è realizzato in ottemperanza alla normativa UNI/TS 11344:2009 e può essere installato secondo quanto prescritto dalla normativa UNI/TS 11343:2009 congiuntamente alla UNI 7129:2009.

Comisa Gas system nasce dalla pluriennale esperienza Comisa nella produzione di sistemi multistrato per il trasporto di gas combustibile in ambito domestico. Il sistema, composto da tubazioni multistrato e raccordi a pressione in ottone, offre la più ampia garanzia nelle installazioni gas ad uso domestico.

Le proprietà del sistema lo rendono semplice ed affidabile nella realizzazione di nuovi impianti e molto pratico nel ripristino di quelli esistenti.

Campo di applicazione Comisa Gas system

- Categoria di Gas: **Gas metano e GPL**
- Massima pressione operativa: **0,5 bar**
- Range di temperatura: **Temperatura da -20 °C a + 70 °C**



SISTEMA CONFORME
UNI TS 11344:2009

Indicazioni per la realizzazione in sicurezza di un impianto per l'adduzione di gas ad uso domestico con tubo multistrato Gas:

- Le giunzioni delle tubazioni multistrato possono essere realizzate mediante raccordi per sistemi multistrato conformi alla normativa UNI/TS 11344.
- I raccordi possono essere interrati o posti sottotraccia a condizione che vengano rispettivamente inseriti in idoneo pozzetto ispezionabile o apposita scatola ispezionabile con coperchio non a tenuta.
- I punti di giunzione in corrispondenza dei raccordi posizionati nei pozzetti devono essere opportunamente protetti contro le corrosioni, secondo quanto previsto dalla normativa UNI/EN 12954.
- Prima di introdurre la tubazione nel raccordo deve essere accertata l'integrità del raccordo stesso.

I principali vantaggi che il sistema Comisa Gas può offrire riguardano:

- Installazione veloce ed affidabile rispetto ai sistemi tradizionali
- Elevata portata, data la bassa rugosità interna del sistema
- Risparmio dato dalla possibilità di curvare il tubo senza bisogno di raccordi
- Completezza dimensionale della gamma
- Alto livello qualitativo
- Uniformità: attrezzatura in comune col sistema idrico **Comisa Press**.



COMISA S.p.A. - Via Neziole, 27 - 25055 Pisogne - BS - ITALY

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