



**PROFESSIONAL
PLUMBING
SYSTEMS**



MultiStandard

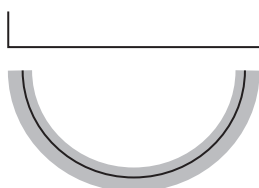
**Multilayer
system with
optional DZR or
PPSU approved
crimp fittings**



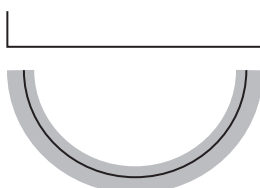
TECHNICAL DATA AND DELIVERY DIMENSIONS

NOMINAL SIZE (d x e)		16×2.0	20×2.0	25×2.5	32×3.0	40×4.0	50×4.5	63×6.0	75×7.5
Outside diameter (mm)		16	20	25	32	40	50	63	75
Tolerance of outer diameter (mm)	Min	16.00	20.00	25.00	32.00	40.00	50.00	63.00	75.00
	Max	16.20	20.20	25.20	32.20	40.20	50.20	63.20	75.20
Pipe thickness (mm)		2	2	2.5	3	4	4.5	6	7.5
Tolerance of pipe thickness (mm)	Min	2.00	2.00	2.40	2.90	3.90	4.4	5.90	7.4
	Max	2.25	2.25	2.70	3.20	4.20	4.7	6.20	7.7
Roughness (mm)		0.0007							
Density (g/cm3)		0.926~0.959							
Modulus of elasticity (Mpa)		7200							
Thermal conductivity (w/mK)		0.45							
Coefficient of thermal expansion (mm/mK)		0.025							

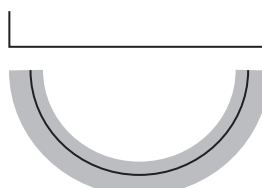
16 x 2.0mm



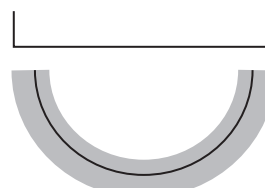
20 x 2.0mm



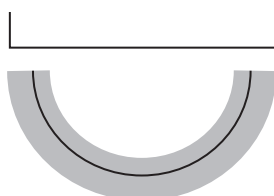
25 x 2.5mm



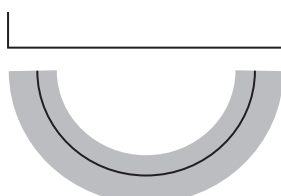
32 x 3.0mm



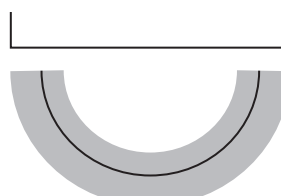
40 x 4.0mm



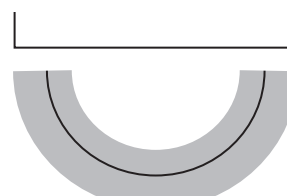
50 x 4.5mm



63 x 6.0mm



75 x 7.5mm



The STH Multilayer crimping pipes can be used for different applications. Key applications include plumbing and heating systems for residential, commercial or industrial building:



DRINKING WATER:

As a pipe for hot and cold water distribution of potable and food-safe water.



COMPRESSED AIR:

As a compressed air pipe in systems with preceding oil filter (oil-free).



HEATING:

As a pipe for radiator-fed high temperature heating systems within the prescribed load values. System separation is required for specific systems such as solar and district heating.



RAIN WATER:

As a rain water piping system inside buildings and separately installed from the drinking water installation. The pH-value of the water must be higher than 6.



RADIANT HEATING AND COOLING SYSTEMS:

As a pipe for low temperature heating and cooling systems.



OTHER APPLICATIONS:

The pipe can be used for many other applications and with other mediums.

STH MULTISTANDARD SYSTEM ACCREDITATION

INDUSTRY FIRST

NON-THREADED ITEMS
AVAILABLE IN
DZR BRASS OR PPSU



CLASS 2/10 BAR

S A N S
2 1 0 0 3
APPROVED



JASWIC
LISTED
2 0 3 9 / 1





Apartments



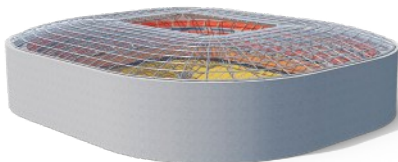
Commercial



Healthcare



Industrial



Stadium



Hotel



Residential Buildings



Education

PEX/AL/PEX - PIPE IN COIL



CODE	SIZE	DESCRIPTION	M/COIL
MS-16X2-25	16mm x 2mm x 25m	STH MultiStandard MLP - 16 x 2.0	25
MS-16X2-100	16mm x 2mm x 100m	STH MultiStandard MLP - 16 x 2.0	100
MS-20X2-25	20mm x 2mm x 25m	STH MultiStandard MLP - 20 x 2.0	25
MS-20X2-100	20mm x 2mm x 100m	STH MultiStandard MLP - 20 x 2.0	100
MS-25X2.5-50	25mm x 2.5mm x 50m	STH MultiStandard MLP - 25 x 2.5	50
MS-32X3-50	32mm x 3mm x 50m	STH MultiStandard MLP - 32 x 3.0	50

System Class 2/10 Bar
Maximum working temperature 95°C

PEX/AL/PEX - STRAIGHT PIPE



CODE	SIZE	DESCRIPTION	M/COIL
MS-16X2-5	16mm x 2mm x 5m	STH MultiStandard MLP - Straight 16 x 2.0	5
MS-20X2-5	20mm x 2mm x 5m	STH MultiStandard MLP - Straight 20 x 2.0	5
MS-25X2.5-5	25mm x 2.5mm x 5m	STH MultiStandard MLP - Straight 25 x 2.5	5
MS-32X3-5	32mm x 3mm x 5m	STH MultiStandard MLP - Straight 32 x 3	5
MS-40X4.0-5	40mm x 4.0mm x 5m	STH MultiStandard MLP - Straight 40 x 4.0	5
MS-50X4.5-5	50mm x 4.5mm x 5m	STH MultiStandard MLP - Straight 50 x 4.5	5
MS-63X6.5-5	63mm x 6mm x 5m	STH MultiStandard MLP - Straight 63 x 6	5
MS-75X7.5-5	75mm x 7.5mm x 5m	STH MultiStandard MLP - Straight 75 x 7.5	5

System Class 2/10 Bar
Maximum working temperature 95°C

PEX/AL/PEX - CORRUGATED



CODE	SIZE	DESCRIPTION	M/COIL
MS-16X2-50BL	16mm x 2mm x 50m	STH MultiStandard MLP Corrugated Blue	50
MS-16X2-50RED	16mm x 2mm x 50m	STH MultiStandard MLP Corrugated Red	50
MS-20X2-50BL	20mm x 2mm x 50m	STH MultiStandard MLP Corrugated Blue	50
MS-20X2-50RED	20mm x 2mm x 50m	STH MultiStandard MLP Corrugated Red	50

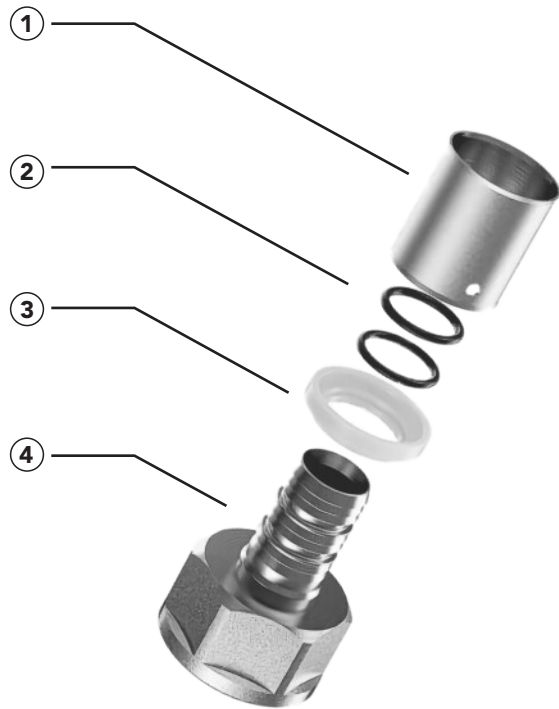
System Class 2/10 Bar
Maximum working temperature 95°C

PEX/AL/PEX - INSULATED



CODE	SIZE	DESCRIPTION	M/COIL
MS-ISO16-50RED	16m x 2mm x 50m	STH MultiStandard MLP Insulated Red	50
MS-ISO20-50RED	20m x 2mm x 50m	STH MultiStandard MLP Insulated Red	50
MS-ISO25-50RED	25m x 2.5mm x 50m	STH MultiStandard MLP Insulated Red	50
MS-ISO32-50RED	32mm x 3mm x 50m	STH MultiStandard MLP Insulated Red	50

System Class 2/10 Bar
Maximum working temperature 95°C



1 SLEEVE MATERIAL:
STAINLESS STEEL 304

2 O-RING MATERIAL:
EPDM

3 COLLAR MATERIAL:
PE

4 FITTING MAIN BODY MATERIAL:
DZR CW602N BRASS

ADVANTAGES



U-profile crimping



Ease and security of installation



Excellent sealing performance
with double O-ring



Nickel plated contributes to
good corrosion resistance



The stress and risk of cracking is
eliminated by the annealing process



Machined by special horizontal
machining centre, with surface
finish degree of no more than
Ra3.2µm

STRAIGHT UNION



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-S16X16	16mm x 16mm	STH MultiStandard DZR Straight Union - 16x16	35	280
MSB-S20X20	20mm x 20mm	STH MultiStandard DZR Straight Union - 20x20	30	240
MSB-S25X25	25mm x 25mm	STH MultiStandard DZR Straight Union - 25x25	15	120
MSB-S32X32	32mm x 32mm	STH MultiStandard DZR Straight Union - 32x32	10	80
MSB-S40X40	40mm x 40mm	STH MultiStandard DZR Straight Union - 40x40		60
MSB-S50X50	50mm x 50mm	STH MultiStandard DZR Straight Union - 50x50		35
MSB-S63X63	63mm x 63mm	STH MultiStandard DZR Straight Union - 63x63		
MSB-S75X75	75mm x 75mm	STH MultiStandard DZR Straight Union - 75x75		

System Class 2/10 Bar
Maximum working temperature 95°C

REDUCER UNION



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-S20X16	20mm x 16mm	STH MultiStandard DZR Reducer Union - 20x16	35	280
MSB-S25X16	25mm x 16mm	STH MultiStandard DZR Reducer Union - 25x16	20	160
MSB-S25X20	25mm x 20mm	STH MultiStandard DZR Reducer Union - 25x20	15	120
MSB-S32X16	32mm x 16mm	STH MultiStandard DZR Reducer Union - 32x16	10	80
MSB-S32X20	32mm x 20mm	STH MultiStandard DZR Reducer Union - 32x20	10	80
MSB-S32X25	32mm x 25mm	STH MultiStandard DZR Reducer Union - 32x25	10	80
MSB-S40X25	40mm x 25mm	STH MultiStandard DZR Reducer Union - 40x25		75
MSB-S40X32	40mm x 32mm	STH MultiStandard DZR Reducer Union - 40x32		75
MSB-S50X25	50mm x 25mm	STH MultiStandard DZR Reducer Union - 50x25		50
MSB-S50X32	50mm x 30mm	STH MultiStandard DZR Reducer Union - 50x30		50
MSB-S50X40	50mm x 40mm	STH MultiStandard DZR Reducer Union - 50x40		40
MSB-S63X40	63mm x 40mm	STH MultiStandard DZR Reducer Union - 63x40		
MSB-S63X50	63mm x 50mm	STH MultiStandard DZR Reducer Union - 63x50		
MSB-S75X40	75mm x 40mm	STH MultiStandard DZR Reducer Union - 75x40		
MSB-S75X50	75mm x 50mm	STH MultiStandard DZR Reducer Union - 75x50		
MSB-S75X63	75mm x 63mm	STH MultiStandard DZR Reducer Union - 75x63		

System Class 2/10 Bar
Maximum working temperature 95°C

STRAIGHT FEMALE UNION



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-S16X1/2F	16mm x 1/2"	STH MultiStandard DZR Str Female Union - 16x1/2	30	240
MSB-S16X3/4F	16mm x 3/4"	STH MultiStandard DZR Str Female Union - 16x3/4	25	200
MSB-S20X1/2F	20mm x 1/2"	STH MultiStandard DZR Str Female Union - 20x1/2	30	240
MSB-S20X3/4F	20mm x 3/4"	STH MultiStandard DZR Str Female Union - 20x3/4	25	200
MSB-S25X3/4F	25mm x 3/4"	STH MultiStandard DZR Str Female Union - 25x3/4	15	120
MSB-S25X1/2F	25mm x 1/2"	STH MultiStandard DZR Str Female Union - 25x1/2	20	160
MSB-S25X1F	25mm x 1"	STH MultiStandard DZR Str Female Union - 25x1	10	80
MSB-S32X3/4F	32mm x 3/4"	STH MultiStandard DZR Str Female Union - 32x3/4	10	80
MSB-S32X1F	32mm x 1"	STH MultiStandard DZR Str Female Union - 32x1	10	80
MSB-S40X1 1/4F	40mm x 1 1/4"	STH MultiStandard DZR Str Female Union - 40x1 1/4		75
MSB-S50X1 1/2F	50mm x 1 1/2"	STH MultiStandard DZR Str Female Union - 50x1 1/2		50
MSB-S63X2F	63mm x 2"	STH MultiStandard DZR Str Female Union - 63x2		
MSB-S75X2 1/2F	75mm x 2 1/2"	STH MultiStandard DZR Str Female Union - 75x2 1/2		

System Class 2/10 Bar
Maximum working temperature 95°C

STRAIGHT MALE UNION



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-S16X1/2M	16mm x 1/2"	STH MultiStandard DZR Str Male Union - 16x1/2	35	280
MSB-S16X3/4M	16mm x 3/4"	STH MultiStandard DZR Str Male Union - 16x3/4	30	240
MSB-S20X1/2M	20mm x 1/2"	STH MultiStandard DZR Str Male Union - 20x1/2	30	240
MSB-S20X3/4M	20mm x 3/4"	STH MultiStandard DZR Str Male Union - 20x3/4	25	200
MSB-S25X1/2M	25mm x 1/2"	STH MultiStandard DZR Str Male Union - 25x1/2	20	160
MSB-S25X3/4M	25mm x 3/4"	STH MultiStandard DZR Str Male Union - 25x3/4	15	120
MSB-S25X1M	25mm x 1"	STH MultiStandard DZR Str Male Union - 25x1	15	120
MSB-S32X3/4M	32mm x 3/4"	STH MultiStandard DZR Str Male Union - 32x3/4	10	80
MSB-S32X1M	32mm x 1"	STH MultiStandard DZR Str Male Union - 32x1	10	80
MSB-S40X1 1/4M	40mm x 1 1/4"	STH MultiStandard DZR Str Male Union - 40x1 1/4		75
MSB-S50X1 1/2M	50mm x 1 1/2"	STH MultiStandard DZR Str Male Union - 50x1 1/2		50
MSB-S63X2M	63mm x 2"	STH MultiStandard DZR Str Male Union - 63x2		
MSB-S75X2 1/2M	75mm x 2 1/2"	STH MultiStandard DZR Str Male Union - 75x2 1/2		

System Class 2/10 Bar
Maximum working temperature 95°C

STRAIGHT FEMALE DEMOUNT



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-SD16X1/2F	16mm x 1/2"	STH MultiStandard DZR Str Demount F - 16x1/2	35	280
MSB-SD20X1/2F	20mm x 1/2"	STH MultiStandard DZR Str Demount F - 20x1/2	25	200
MSB-SD20X3/4F	20mm x 3/4"	STH MultiStandard DZR Str Demount F - 20x3/4	25	200
MSB-SD25X3/4F	25mm x 3/4"	STH MultiStandard DZR Str Demount F - 25x3/4	15	120
MSB-SD25X1F	25mm x 1"	STH MultiStandard DZR Str Demount F - 25x1	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

ELBOW



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-E16X16	16mm x 16mm	STH MultiStandard DZR Elbow - 16x16	30	240
MSB-E20X20	20mm x 20mm	STH MultiStandard DZR Elbow - 20x20	20	160
MSB-E25X25	25mm x 25mm	STH MultiStandard DZR Elbow - 25x25	10	80
MSB-E32X32	32mm x 32mm	STH MultiStandard DZR Elbow - 32x32	5	40
MSB-E40X40	40mm x 40mm	STH MultiStandard DZR Elbow - 40x40		40
MSB-E50X50	50mm x 50mm	STH MultiStandard DZR Elbow - 50x50		25
MSB-E63X63	63mm x 63mm	STH MultiStandard DZR Elbow - 63x63		
MSB-E75X75	75mm x 75mm	STH MultiStandard DZR Elbow - 75x75		

System Class 2/10 Bar
Maximum working temperature 95°C

REDUCER ELBOW



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-ER20X16	20 x 16mm	STH MultiStandard DZR Reducer Elbow - 20x16	20	160
MSB-ER25X16	25 x 16mm	STH MultiStandard DZR Reducer Elbow - 25x16	15	120
MSB-ER25X20	25 x 20mm	STH MultiStandard DZR Reducer Elbow - 25x20	15	120
MSB-ER32X20	32 x 20mm	STH MultiStandard DZR Reducer Elbow - 32x20	10	80

System Class 2/10 Bar
Maximum working temperature 95°C

FEMALE ELBOW



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-E16X1/2F	16mm x 1/2"	STH MultiStandard DZR Female Elbow - 16x1/2	30	240
MSB-E16X3/4F	16mm x 3/4"	STH MultiStandard DZR Female Elbow - 16x3/4	20	160
MSB-E20X1/2F	20mm x 1/2"	STH MultiStandard DZR Female Elbow - 20x1/2	20	160
MSB-E20X3/4F	20mm x 3/4"	STH MultiStandard DZR Female Elbow - 20x3/4	15	120
MSB-E25X1/2F	25mm x 1/2"	STH MultiStandard DZR Female Elbow - 25x1/2	15	120
MSB-E25X3/4F	25mm x 3/4"	STH MultiStandard DZR Female Elbow - 25x3/4	10	80
MSB-E32X1F	32mm x 1"	STH MultiStandard DZR Female Elbow - 32x1	5	40

System Class 2/10 Bar
Maximum working temperature 95°C

MALE ELBOW



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-E16X1/2M	16mm x 1/2"	STH MultiStandard DZR Male Elbow - 16x1/2	30	240
MSB-E16X3/4M	16mm x 3/4"	STH MultiStandard DZR Male Elbow - 16x3/4	20	160
MSB-E20X1/2M	20mm x 1/2"	STH MultiStandard DZR Male Elbow - 20x1/2	25	200
MSB-E20X3/4M	20mm x 3/4"	STH MultiStandard DZR Male Elbow - 20x3/4	15	120
MSB-E25X1/2M	25mm x 1/2"	STH MultiStandard DZR Male Elbow - 25x1/2	15	120
MSB-E25X3/4M	25mm x 3/4"	STH MultiStandard DZR Male Elbow - 25x3/4	10	80
MSB-E32X1M	32mm x 1"	STH MultiStandard DZR Male Elbow - 32x1	5	40

System Class 2/10 Bar
Maximum working temperature 95°C

WALL PLATE ELBOW



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-E16X1/2WP	16mm x 1/2"	STH MultiStandard DZR Wall Plate Elbow - 16x1/2	10	80
MSB-E20X1/2WP	20mm x 1/2"	STH MultiStandard DZR Wall Plate Elbow - 20x1/2	10	80
MSB-E20X3/4WP	20mm x 3/4"	STH MultiStandard DZR Wall Plate Elbow - 20x3/4	10	80
MSB-E25X3/4WP	25mm x 3/4"	STH MultiStandard DZR Wall Plate Elbow - 25x3/4	10	80

System Class 2/10 Bar
Maximum working temperature 95°C

EQUAL TEE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-T16X16X16	16 x 16 x 16mm	STH MultiStandard DZR Equal Tee - 16x16x16	20	160
MSB-T20X20X20	20 x 20 x 20mm	STH MultiStandard DZR Equal Tee - 20x20x20	10	80
MSB-T25X25X25	25 x 25 x 25mm	STH MultiStandard DZR Equal Tee - 25x25x25	5	40
MSB-T32X32X32	32 x 32 x 32mm	STH MultiStandard DZR Equal Tee - 32x32x32	5	40
MSB-T40X40X40	40 x 40 x 40mm	STH MultiStandard DZR Equal Tee - 40x40x40		30
MSB-T50X50X50	50 x 50 x 50mm	STH MultiStandard DZR Equal Tee - 50x50x50		15
MSB-T63X63X63	63 x 63 x 63mm	STH MultiStandard DZR Equal Tee - 63x63x63		
MSB-T75X75X75	75 x 75 x 75mm	STH MultiStandard DZR Equal Tee - 75x75x75		

System Class 2/10 Bar
Maximum working temperature 95°C

REDUCER TEE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-RT16X20X16	16 x 20 x 16mm	STH MultiStandard DZR Reducer Tee - 16x20x16	15	120
MSB-RT20X16X16	20 x 16 x 16mm	STH MultiStandard DZR Reducer Tee - 20x16x16	15	120
MSB-RT20X16X20	20 x 16 x 20mm	STH MultiStandard DZR Reducer Tee - 20x16x20	15	120
MSB-RT20X20X16	20 x 20 x 16mm	STH MultiStandard DZR Reducer Tee - 20x20x16	15	120
MSB-RT25X16X16	25 x 16 x 16mm	STH MultiStandard DZR Reducer Tee - 25x16x16	10	80
MSB-RT25X16X25	25 x 16 x 25mm	STH MultiStandard DZR Reducer Tee - 25x16x25	10	80
MSB-RT25X20X25	25 x 20 x 25mm	STH MultiStandard DZR Reducer Tee - 25x20x25	10	80
MSB-RT32X16X32	32 x 16 x 32mm	STH MultiStandard DZR Reducer Tee - 32x16x32	5	40
MSB-RT32X20X32	32 x 20 x 32mm	STH MultiStandard DZR Reducer Tee - 32x20x32	5	40
MSB-RT32X25X32	32 x 25 x 32mm	STH MultiStandard DZR Reducer Tee - 32x25x32	5	40
MSB-RT40X20X40	40 x 20 x 40mm	STH MultiStandard DZR Reducer Tee - 40x20x40		30
MSB-RT40X25X40	40 x 25 x 40mm	STH MultiStandard DZR Reducer Tee - 40x25x40		30
MSB-RT40X32X40	40 x 32 x 40mm	STH MultiStandard DZR Reducer Tee - 40x32x40		30
MSB-RT50X25X50	50 x 25 x 50mm	STH MultiStandard DZR Reducer Tee - 50x25x50		25
MSB-RT50X32X50	50 x 32 x 50mm	STH MultiStandard DZR Reducer Tee - 50x32x50		25
MSB-RT50X40X50	50 x 40 x 50mm	STH MultiStandard DZR Reducer Tee - 50x40x50		20
MSB-RT63X40X63	63 x 40 x 63mm	STH MultiStandard DZR Reducer Tee - 63x40x63		
MSB-RT63X50X63	63 x 50 x 63mm	STH MultiStandard DZR Reducer Tee - 63x50x63		
MSB-RT75X40X75	75 x 40 x 75mm	STH MultiStandard DZR Reducer Tee - 75x40x75		
MSB-RT75X50X75	75 x 50 x 75mm	STH MultiStandard DZR Reducer Tee - 75x50x75		

System Class 2/10 Bar
Maximum working temperature 95°C

FEMALE TEE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-FT16X1/2X16	16mm x 1/2" x 16mm	STH MultiStandard DZR Female Tee - 16x1/216	15	120
MSB-FT20X1/2X20	20mm x 1/2" x 20mm	STH MultiStandard DZR Female Tee - 20x1/2x20	10	80
MSB-FT25X1/2X25	25mm x 1/2" x 25mm	STH MultiStandard DZR Female Tee - 25x1/2x25	5	40

System Class 2/10 Bar
Maximum working temperature 95°C

MALE TEE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-MT16X1/2X16	16mm x 1/2" x 16mm	STH MultiStandard DZR Male Tee - 16x1/216	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

END CAP



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-D16	16mm	STH MultiStandard DZR End Cap - 16	40	320
MSB-D20	20mm	STH MultiStandard DZR End Cap - 20	40	320
MSB-D25	25mm	STH MultiStandard DZR End Cap - 25	25	200

System Class 2/10 Bar
Maximum working temperature 95°C

ADAPTOR TO COPPER



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-CU16X15	16 x 15mm	STH MultiStandard DZR Adaptor to Copper - 16x15	30	240
MSB-CU20X22	20 x 22mm	STH MultiStandard DZR Adaptor to Copper - 20x22	20	160
MSB-CU25X22	25 x 22mm	STH MultiStandard DZR Adaptor to Copper - 25x22	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

ELBOW - PPSU



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSP-E16X16	16 x 16mm	STH MultiStandard PPSU Elbow - 16x16	30	240
MSP-E20X20	20 x 20mm	STH MultiStandard PPSU Elbow - 20x20	20	160
MSP-E25X25	25 x 25mm	STH MultiStandard PPSU Elbow - 25x25	10	80
MSP-E32X32	32 x 32mm	STH MultiStandard PPSU Elbow - 32x32	5	40

System Class 2/10 Bar
Maximum working temperature 95°C

EQUAL TEE - PPSU



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSP-T16X16X16	16 x 16 x 16mm	STH MultiStandard PPSU Equal Tee - 16x16x16	20	160
MSP-T20X20X20	20 x 20 x 20mm	STH MultiStandard PPSU Equal Tee - 20x20x20	10	80
MSP-T25X25X25	25 x 25 x 25mm	STH MultiStandard PPSU Equal Tee - 25x25x25	5	40
MSP-T32X32X32	32 x 32 x 32mm	STH MultiStandard PPSU Equal Tee - 32x32x32	5	40

System Class 2/10 Bar
Maximum working temperature 95°C

STRAIGHT UNION - PPSU



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
ZAMSP-RT20X16X20	20 x 16 x 20mm	STH MultiStandard PPSU Red Tee - 20x16x20	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSP-S16X16	16 x 16mm	STH MultiStandard PPSU Straight Union - 16x16	35	280
MSP-S20X20	20 x 20mm	STH MultiStandard PPSU Straight Union - 20x20	30	240
MSP-S25X25	25 x 25mm	STH MultiStandard PPSU Straight Union - 25x25	15	120
MSP-S32X32	32 x 32mm	STH MultiStandard PPSU Straight Union - 32x32	10	80

System Class 2/10 Bar
Maximum working temperature 95°C

REDUCER UNION - PPSU



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSP-S20X16	20 x 16mm	STH MultiStandard PPSU Reducer Union - 20x16	35	280
MSP-S25X20	25 x 20mm	STH MultiStandard PPSU Reducer Union - 25x20	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

BALL VALVE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MSB-V16X16	16 x 16mm	STH MultiStandard DZR Ball Valve - 16x16	10	80
MSB-V20X20	20 x 20mm	STH MultiStandard DZR Ball Valve - 20x20	10	80
MSB-V25X25	25 x 25mm	STH MultiStandard DZR Ball Valve - 25x25	5	40
MSB-V32X32	32 x 32mm	STH MultiStandard DZR Ball Valve - 32x32	4	32

System Class 2/10 Bar
Maximum working temperature 95°C

STAINLESS STEEL SLEEVE



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MS-S16	16mm	STH MultiStandard Stainless Steel Sleeve - 16	40	320
MS-S20	20mm	STH MultiStandard Stainless Steel Sleeve - 20	40	320
MS-S25	25mm	STH MultiStandard Stainless Steel Sleeve - 25	25	200
MS-S32	32mm	STH MultiStandard Stainless Steel Sleeve - 32	15	120

System Class 2/10 Bar
Maximum working temperature 95°C

CLOSED ALUMINIUM SOCKET



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MS-CAS16	16mm	STH MultiStandard Closed Aluminium Socket	40	320
MS-CAS20	20mm	STH MultiStandard Closed Aluminium Socket	40	320
MS-CAS25	25mm	STH MultiStandard Closed Aluminium Socket	40	320

System Class 2/10 Bar
Maximum working temperature 95°C

EPDM O-RING



CODE	SIZE	DESCRIPTION	SMALL BOX PCS	CARTON PCS
MS-EPDM16	16mm	STH MultiStandard EPDM O-Ring - 16	50	3000
MS-EPDM20	20mm	STH MultiStandard EPDM O-Ring - 20	50	3000
MS-EPDM25	25mm	STH MultiStandard EPDM O-Ring - 25	50	1000

System Class 2/10 Bar
Maximum working temperature 95°C

PIPE CUTTING TOOL

CODE	SIZE	DESCRIPTION
CPPCT	15 - 32mm	STH MLP Pipe Cutting Tool



Used to cut plastic pipe and multilayer composite pipes (pipe size less than DN32)

PIPE CUTTER TOOL

CODE	SIZE	DESCRIPTION
MSCT	40 - 63mm	STH MLP Pipe Cutter Tool



U-PROFILE PRESSING TOOL

CODE	SIZE	DESCRIPTION
MS-PTU16-20-T01	16 - 20mm	STH Manual Press Tool 1 - U profile 16/20
MS-PTU16-25-T02	16 - 20 - 25mm	STH Manual Press Tool 2 - U profile 16/20/25
MS-PTU16-32-T03	16 - 20 - 25 - 32mm	STH Manual Press Tool 3 - U profile 16/20/25/32



PIPE REAMER TOOL



CODE	SIZE	DESCRIPTION
MS-R162025	16 - 20 - 25mm	STH MLP Pipe Reamer Tool - 16-20-25mm
MS-R202532	20 - 25 - 32mm	STH MLP Pipe Reamer Tool - 20-25-32mm

Used to ensure that the tube is round and free of burrs before inserting into the fitting and will not damage the O-ring of the fitting.

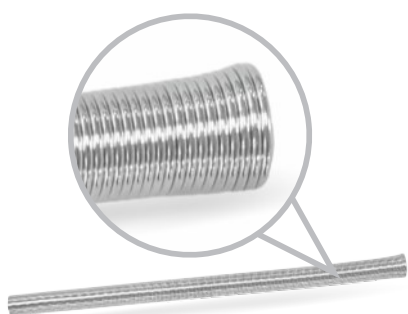
PIPE REAMING TOOL



CODE	SIZE	DESCRIPTION
MS-R40	40mm (Extended)	STH MLP Pipe Reaming Tool - 40mm
MS-R50	50mm (Extended)	STH MLP Pipe Reaming Tool - 50mm
MS-R63	63mm (Extended)	STH MLP Pipe Reaming Tool - 63mm
MS-R75	75mm (Extended)	STH MLP Pipe Reaming Tool - 75mm

Used to ensure that the tube is round and free of burrs before inserting into the fitting and will not damage the O-ring of the fitting.

OUTER BENDING SPRING



CODE	SIZE	DESCRIPTION
MS-OBS16	16mm	STH Outer Bending Spring - 16
MS-OBS20	20mm	STH Outer Bending Spring - 20
MS-OBS25	25mm	STH Outer Bending Spring - 25
MS-OBS32	32mm	STH Outer Bending Spring - 32

The bending radius of the direct bend, centered on the pipe axis, should not be less than 5 times the size of the pipe.

PRESSING TOOL INSERTS



CODE	SIZE	DESCRIPTION
MS-INS16-T01	16mm U/T01	STH Insert 16mm U/T01
MS-INS20-T01	20mm U/T01	STH Insert 20mm U/T01
MS-INS16-T02	16mm U/T02	STH Insert 16mm U/T02
MS-INS20-T02	20mm U/T02	STH Insert 20mm U/T02
MS-INS25-T02	25mm U/T02	STH Insert 25mm U/T02
MS-INS16-T03	16mm U/T03	STH Insert 16mm U/T03
MS-INS20-T03	20mm U/T03	STH Insert 20mm U/T03
MS-INS25-T03	25mm U/T03	STH Insert 25mm U/T03
MS-INS32-T03	32mm U/T03	STH Insert 32mm U/T03



CORDLESS PRESSING DEVICE ACO103



Analysis of the pressing tool performance via NovoCheck app



NOW WITH ROTATABLE HEAD



PRESS JAW PB1



CODE	DESCRIPTION
ACO103	Cordless crimping machine ACO103
ACCESSORIES	Milwaukee® lithium-ion battery
	Charger
	Press jaw

SPECIFICATIONS

Dimensions: (1)*	Metal pipes up to 35 mm
	Plastic pipes up to 40 mm
Weight:	1.6 kg (without battery)
Length:	320 mm
Width:	98 mm
Height:	72 mm
Power consumption:	240 W
Piston force:	19 kN
Piston stroke:	30 mm
Battery:	M12™ Milwaukee® battery system (2)*
Battery capacity:	up to 250 pressing cycles (3)*
Charging time:	45 -75 min (4)*

* (1) system dependant

(2) all Milwaukee® capacities available on the market can be used

(3) depending on material processed, dimensions and battery capacity

(4) depending on battery capacity

RADIAL PRESSING MACHINE ACO203



Analysis of the pressing tool performance via NovoCheck app



COMPATIBLE PRESS JAWS AND COLLARS



CODE	DESCRIPTION
ACO203	Cordless pressing machine ACO203
ACCESSORIES	Milwaukee® lithium-ion battery
	Charger
	Press jaws and collars

SPECIFICATIONS

Dimensions: (1)*	Metal pipe up to 54 mm (M-Contour)
	Metal pipe up to 108 mm (V-Contour)
	Plastic pipe up to 110 mm
Weight:	2.3 kg (without battery)
Length:	387 mm
Width:	75 mm
Height:	111 mm
Power consumption:	450 W
Piston force:	32 kN
Piston stroke:	40 mm
Battery:	M18™ Milwaukee® battery system (1)*
Battery capacity:	up to 250 pressing cycles (2)*
Charging time:	45 -75 min (3)*

* (1) all Milwaukee® capacities available on the market can be used

(2) depending on material processed, dimensions and battery capacity

(3) depending on battery capacity



BATTERY POWERED MECHANICAL PRESS TOOL



CODE	DESCRIPTION
MP-1930	MP-1930 Battery Press Tool Kit
ACCESSORIES	Makita 18V Li-ion 3.0Ah Batteries
	Charger
	Plastic Case

SPECIFICATIONS	
Capacity:	up to 35mm Stainless steel, Copper pipe up to 35mm Plastic pipe, Multilayer composite pipe
Output:	19kN
Stroke:	30mm
Pressing Cycle Time:	2S
Battery:	Makita 18V Li-ion 3.0Ah
Battery Charger:	AC 100V-240V 50-60Hz
Charging Time:	Approx. 40mins
Weight:	Approx. 2.4kgs (tool with battery)
Tool Size:	400 x 119 x 76mm

BATTERY POWERED PRESS TOOL



CODE	DESCRIPTION
PZ-1550	PZ-1550 Battery Press Tool Kit
ACCESSORIES	Makita 18V Li-ion 5.0Ah Battery
	Charger
	Plastic Case

SPECIFICATIONS	
Capacity:	up to 75mm Plastic pipe, Multilayer composite pipe up to 54mm Stainless steel pipe up to 108mm Copper pipe
Output:	32kN
Stroke:	40mm
Pressing Cycle Time:	Approx. 3-4.5 seconds
Oil Capacity:	115ml
Battery:	Makita 18V Li-ion 5.0Ah
Battery Charger:	AC 100-240V
Charging Time:	Approx. 80mins
Service Interval:	10 000 Cycles
Weight:	Approx. 3.9kgs (tool with battery) Approx. 6.1kgs (tool with battery and jaw)
Tool Size:	400 x 126 x 82mm

PIPE CUTTING

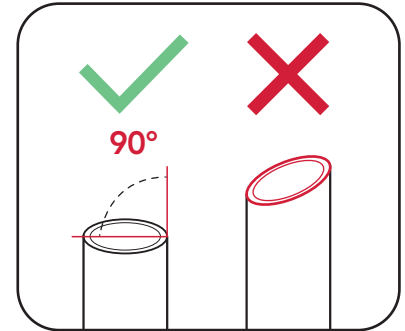
WARNING!

Risk of injury might occur in the stop end area of the shears if operated incorrectly. Only use the tool as described in the operating instructions.

NOTE!

Incorrect cutting causes leakage in connection

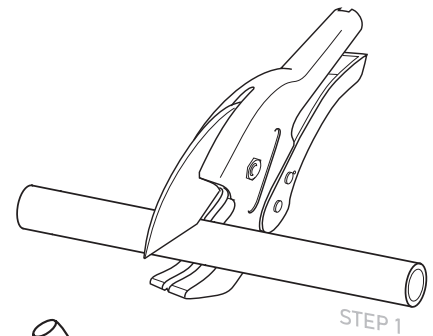
- The end of the pipe shall be cut vertically.
- The end of the pipe shall not be damaged or distorted.



PRESS FITTING

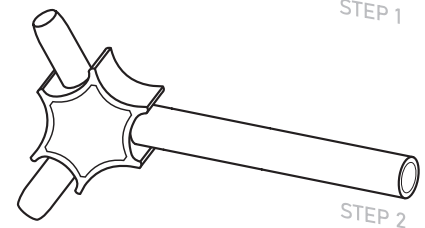
STEP 1

Cut the pipe vertically by using the PPS pipe cutter. Make sure to cut it quickly and precisely.



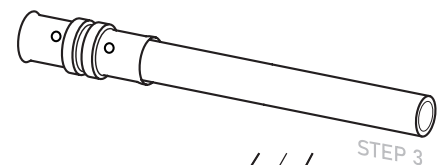
STEP 2

Use the PPS plastic reamer to round and bevel the end holes of the pipe



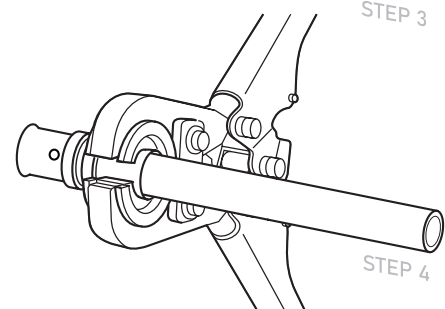
STEP 3

Choose the correct size sleeved-fitting for the pipe and aim the pipe end at the ring-shaped hole of the fitting, integrated with the stainless steel sleeve. Push the pipe into the fitting up to the shoulder. Check the inserting depth by looking through the inspection holes on the sleeve shoulder to ensure that the pipe is completely inserted.



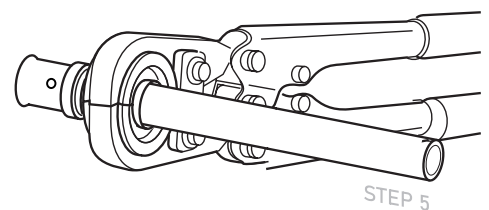
STEP 4

Open the pressing tool and position the tool right onto the stainless steel sleeve.



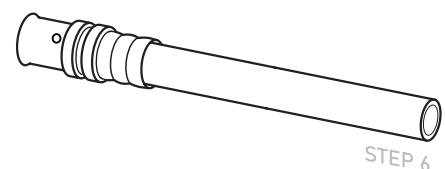
STEP 5

The margin of the block must be placed into the groove of the pressing section.



STEP 6

While the jaw is completely closed, the handles will be locked. Open the handles and remove the pressing tool from the fitting and the installation is complete.



TERMS AND CONDITIONS:

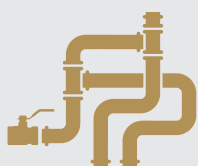
COVERAGE:

This warranty covers the Sub-Saharan region for defects in materials and workmanship of the plumbing piping for a period of 25 years from the date of purchase for the system (STH MultiStandard pipes with STH DZR Brass & PPSU fittings), and 5 years when installed in conjunction with other AENOR SANS 21003 approved Multilayer pipes or Crimping fittings.

EXCLUSIONS:

This warranty does not cover damages resulting from improper installation, misuse, accidents, neglect, alteration, or any unauthorized repair or modification. It also does not cover damage caused by environmental factors beyond our control.

OUR PILLARS



PIPING SYSTEMS

MultiStandard 16-75mm
JevTec 15 & 22m
Coestilen HDPE Drainage - Welding
Coespren PP Drainage - Push



CONNECTIONS

Jevco SABS Compression
End Feed Capillary Fittings
Strata SABS Compression



WATER FILTRATION

Clever Filtration Systems
Clever Range Taps



GENERAL

America Tech Angle Valves
Control Valves
Rough Brass Fittings
CP Brass Fittings
Toilet Seats
Consumables

THE NEW STANDARD IN PLUMBING

CORE PRODUCTS

PPS MULTISTANDARD SYSTEM ■ JEVCO SABS COMPRESSION FITTINGS ■ END FEED CAPILLARY FITTINGS
JEVTEC MULTILAYER PIPE SYSTEM ■ FLUIDMASTER FLUID MANAGEMENT SOLUTIONS ■ SABS APPROVED PREMIUM
AND STANDARD MIXER RANGES ■ CP BRASS FITTINGS ■ ROUGH BRASSWARE FITTINGS ■ WASTES & TRAPS
CLEVER WATER PURIFICATION FILTER & CLEVER WATER TREATMENT TAPS ■ AMERICA TECH VALVES ■ COESTILEN HDPE DRAINAGE SYSTEM



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SYSTEMS**

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