



# A/C & R TUBING COPPER COILS & COPPER STRAIGHT LENGTHS

#### **DESCRIPTION**

- ITE is a MASTER EUROPEAN STOCKING company for the main copper tubing manufacturers.
- Our COPPER COILS & STRAIGHT LENGTHS are specifically manufactured for the REFRIGERATION and AIRCONDITIONING industry and according to the norms and standards which are nationally and/or regionally required. (See SPECIFICATIONS below).
- These copper tubing are compatible with all CFC, HCFC and HFC and can be bent without heating. They are cleaned, purged and nitrogen pressurized as well as seal caped to be protected against the formation of harmful oxides.
- ATTENTION: It is important to check your needs according to your specific job and your country.

Note: According to the PED Directive 97/23/EC all open ended copper tubes and fittings as supplied by ITE will be classified in the SEP (Sound Engineering Practices) category by reference to article 3 paragraph 3 of the PED. A CE mark cannot be applied to these tubes and fittings, because all appropriate manufacturing operations such as bending, connection (soldering) and heat treatment have not been completed, as they will be completed in the field, during installation process, to render them fit for their intended purpose.







# 1. COPPER COILS (U.S. STANDARD)

ASTM B 280 and ANSI B9.1 (U.S. norms) "STREAMLINE" (U.S. & Canadian patented)

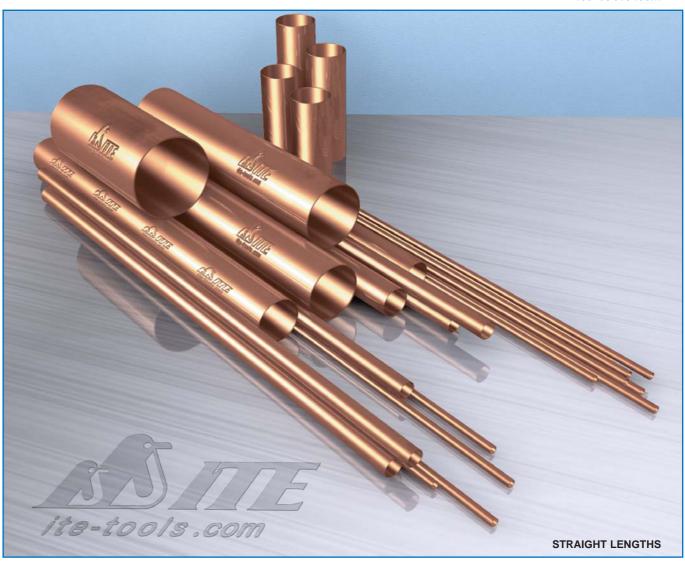
PART	DIAM.	LENGTH	WEIGHT	DIMENSIONS	WALL			
NUMBER		(ft)	(kg/m)	(mm x mm)	(mm)			
INCH ANNEALING COPPER COILS								
D02050	1/8"	50	0.052	1.68 x 3.21	0.76			
D03050	<sup>3</sup> /16"	50	0.086	3.26 x 4.78	0.76			
D04050	1 <sub>/4"</sub>	50	0.120	4.83 x 6.35	0.76			
D05050	<sup>5</sup> /16"	50	0.200	6.34 x 7.96	0.81			
D06050	3/8"	50	0.268	7.91 x 9.53	0.81			
D08050	1/2"	50	0.374	11.8 x 12.7	0.81			
D10050	5/8"	50	0.454	14.1 x 15.9	0.89			
D12050	3/4"	50	0.456	17.3 x 19.1	0.89			
D14050	7/8"	50	0.677	19.9 x 22.2	1.14			
D18050	1 <sup>1</sup> /8"	50	0.975	26.0 x 28.6	1.21			
D22050	1 <sup>3</sup> /8"	50	1.315	32.1 x 34.9	1.40			
D26050	1 <sup>5</sup> /8"	50	1.696	38.2 x 41.3	1.52			

# 2. COPPER COILS (EUR. STANDARD)

Norm EN 12735-1 Tensile strength = soft R220

PART	DIAM.	LENGTH	WEIGHT	DIMENSIONS	WALL			
NUMBER		(m)	(pc)	(mm x mm)	(mm			
INCH ANNEALING COPPER COILS								
CO-04I	1/4"	15	2,00	4,75 x 6,35	0,8			
CO-04I	1/4"	15	2,14	4,35 x 6,35	1			
CO-05I	<sup>5</sup> /16"	15	2,99	6,34 x 7,94	0,8			
CO-06I	3/8"	15	3,70	7,93 x 9,53	0,8			
CO-06I	3/8"	15	3,36	7,53 x 9,53	1			
CO-08I	1/2"	15	4,89	11,10 x 12,70	0,8			
CO-08I	1/2"	15	4,62	10,70 x 12,70	1			
CO-10I	5/8"	15	6,27	13,88 x 15,88	1			
CO-12I	3/4"	15	7,49	17,05 x 19,05	1			
CO-14I	7/8"	15	10,21	20,23 x 22,23	1			
METRIC A	ANNEALII	NG COPPE	R COILS					
MCO-06	6 mm	25	2,89	4,40 x 6	0,8			
MCO-08	8 mm	25	4,00	6,40 x 8	0,8			
MCO-10	10 mm	25	5,25	8,40 x 10	0,8			
MCO-12	12 mm	25	7,49	10 x 12	1			
MCO-15	15 mm	25	9,53	13 x 15	1			
MCO-16	16 mm	25	10,35	14 x 16	1			
MCO-18	18 mm	25	11,10	16 x 18	1			
MCO-22	22 mm	25	14,93	20 x 22	1			





# 3. COPPER STRAIGHT LENGTHS (EUR. STANDARD)

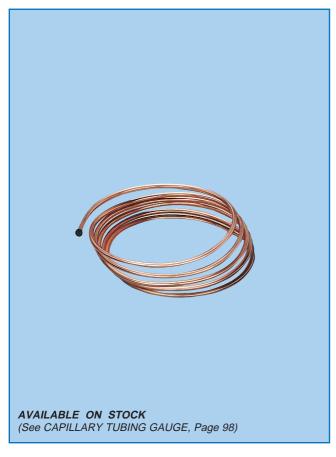
Norm EN 12735-1 Tensile strength = half hard R250

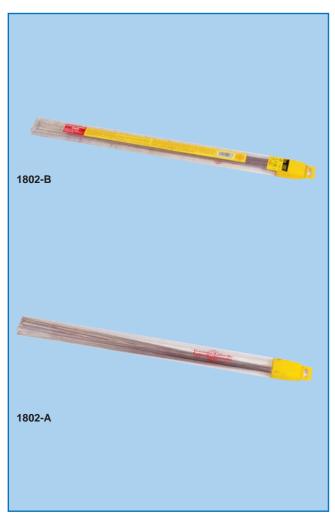
PART NUMBER	DIAM.	LENGTH (m)	WEIGHT (pc)	OIMENSIONS (mm x mm)	WALL (mm				
INCH RIGID COPPER STRAIGHT LENGTHS									
TU-04I	1/4"	4	0,60	4,35 x 6,35	1				
TU-06I	<sup>3</sup> /8"	4	0,96	7,53 x 9,53	1				
TU-08I	1/2"	4	1,32	10,70 x 12,70	1				
TU-10I	5/8"	4	1,65	13,88 x 15,88	1				
TU-12I	3/4"	4	2,47	16,55 x 19,05	1,25				
TU-14I	7/8"	4	2,54	19,73 x 22,23	1,25				
TU-16I	1"	4	2,70	23,40 x 25,40	1				
TU-18I	1 <sup>1</sup> /8"	4	3,10	26,58 x 28,58	1				
TU-22I	1 <sup>3</sup> /8"	4	4,62	32,43 x 34,93	1,25				
TU-26I	1 <sup>5</sup> /8"	4	5,57	38,78 x 41,28	1,25				
TU-34I	2 <sup>1</sup> /8"	4	7,39	51,48 x 53,98	1,25				
TU-42I	2 <sup>5</sup> /8"	4	12,08	63,38 x 66,68	1,65				
TU-50I	3 <sup>1</sup> /8"	4	14,48	76,08 x 79,38	1,65				
TU-58I	3 <sup>5</sup> /8"	4	16,70	88,78 x 92,08	1,65				
TU-66I	4 <sup>1</sup> /8"	4	19,28	101,48 x 104,78	1,65				
TU-66I	41/8"	4	26,00	99,78 x 104,78	2,50				

PART NUMBER	DIAM.	LENGTH (m)	WEIGHT (pc)	DIMENSIONS (mm x mm)	WALL (mm				
METRIC !	METRIC RIGID COPPER STRAIGHT LENGTHS								
MTU-06	6 mm	4	0,39	4,40 x 6	0,8				
MTU-08	8 mm	4	0,56	6,40 x 8	0,8				
MTU-10	10 mm	4	0,75	8,40 x 10	0,8				
MTU-12	12 mm	4	1,25	10 x 12	1				
MTU-15	15 mm	4	1,55	13 x 15	1				
MTU-16	16 mm	4	1,71	14 x 16	1				
MTU-18	18 mm	4	1,91	16 x 18	1				
MTU-22	22 mm	4	2,38	20 x 22	1				
MTU-28	28 mm	4	4,42	25 x 28	1,5				
MTU-35	35 mm	4	5,72	32 x 35	1,5				

Other specifications upon request.







# A/C & R COPPER CAP. COILS

#### **DESCRIPTION**

- · Fits ANY domestic and commercial refrigerator or room air conditioner from <sup>1</sup>/<sub>8</sub> H.P. to 5 H.P.
- Consolidated into a five-pack replacement kit. It's guaranteed to provide uniformity on all applications
- Commercial tolerance: ± 0.025 mm (0.001 of an inch)
- Precision plug drawn, sealed and dehydrated soft copper capillary tubing

PART NUMBER	DIMENSIONS (in mm) (internal)	LENGTHS (metre)
CA-06/24-50	0.6 x 2.4	50
CA-06/30-50	0.6 x 3.0	50
CA-08/24-50	0.8 x 2.4	50
CA-10/30-50	1.0 x 3.0	50
CA-12/24-50	1.2 x 2.4	50
CA-15/30-50	1.5 x 3.0	50
CA-20/30-50	2.0 x 3.0	50
CA-20/40-50	2.0 x 4.0	50
CA-25/40-50	2.5 x 4.0	50
CA-30/40-50	3.0 x 4.0	50
CA-30/50-50	3.0 x 5.0	50

PART NUMBER	DIMENSIONS (in mm) (internal) (external)	LENGTHS (metre)
CA-07/20-03 CA-10/23-036 CA-13/23-036 CA-16/31-036 CA-07/18-03 CA-13/23-30 CA-5PAK	0.787 (.031") x 2.057 (.081") 1.016 (.040") x 2.362 (.093") 1.321 (.052") x 2.362 (.093") 1.626 (.064") x 3.175 (.125") 0.711 (.028") x 1.803 (.071") 1.321 (.052") x 2.362 (.093") Five pack replacement kit	3 3,6 3,6 3,6 3

# **BRAZING ALLOYS &** SILVER SOLDER

- These BRAZING ALLOYS are used for joining copper, especially for REFRIGERATION and AIR-CONDITIONING.
- May also be used for joining brass to copper with the use of
- FLUX (no flux is required when brazing copper to copper). With 5% SILVER ALLOY: Lower melting temperature than that of 0%. Addition of silver makes it more manageable.
- With 15% SILVER ALLOY: More silver and less phosphorus gives a low brazing temperature for better control with excellent fill capabilities. The most preferred because its versatility.

  With 30% and 40% SILVER ALLOY: Good strength and ductibility.
- Flows in a sluggish manner making it suitable for loose fittings. For general purpose brazing with a lower silver content making it
- the most economical cadmium alloys.

  With 45 and 56% SILVER ALLOY: Additional silver content gives this alloy a high degree of versatility and extreme thin flowing. Has a very high tensile strength and is especially suitable for joining dissimilar metals.

# 1. PLAIN SILVER ALLOY RODS (AUTO-FLUX BRAZING)

PART	ROD Ø	WEIGHT	MELTING	SILVER			
NUMBER	(mm)	(gram)	(°C RANGE)	(%)			
1827(°°°)	2	200	260 / 270	2			
800	2	500	710 / 820	2			
806	2	500	645 / 780	5			
1803	2	500	645 / 770	15			
1802-A	1.5	200	608 / 615	45			
1802-B	2	200	608 / 615	45			
RB-4240	2	200	600 / 690	30			

(°°°) BRAZING for ALU, STAINLESS STEEL, COPPER to STAINLESS STEEL, etc...



# 2. COATED SILVER ALLOY RODS (CAPILLARY BRAZING)

PART	ROD Ø WEIGHT (gram)		MELTING	SILVER	
NUMBER			(°C RANGE)	(%)	
4240-MF(°)	2	200	605 / 690	30	
1802-XFC (°)	2	200	595 / 630	40	
1020-XFC (°°)	2	200	620 / 660	56	

COATED RODS

COATED RODS & THIN CONTACT SPACE No cadmium

#### SEE ALSO:

- "SOLDERLENE" PASTE FLUX, PAGE 197
  "HEAT SEAL STICK" SOLDER, PAGE 196
- "BLOCK- ITE" HEAT ABSORBER, PAGE 198

# 3. BRAZING SCOURING FLUXES

PART NUMBER	DESCRIPTION	WEIGHT (gram)	°C TEMP. (Range)
FLUX-800-D	Powder for 800 & 806	200	500 / 850
FLUX-1802-D	Powder for <b>1020</b> , <b>1802</b> & <b>4240</b>	200	500 / 780
FLUX-1802-PF	Soft paste	200	500 / 850

# **FASTENING AND FIXING SOLUTIONS**

- · These cushion clamp assemblies eliminate metal-to-metal contact when securing copper tubing in AIR-CONDITIONING, REFRIGERATION and WATER installations.
- · These cushions resist most fuels, oils, gases, greases, solvents, minerals, acids, etc...
- Simplified installation: Only 1 man and 1 tool needed for assembly.

# 1. RAPID LIGHTWEIGHT CUSHION **CLAMPS**

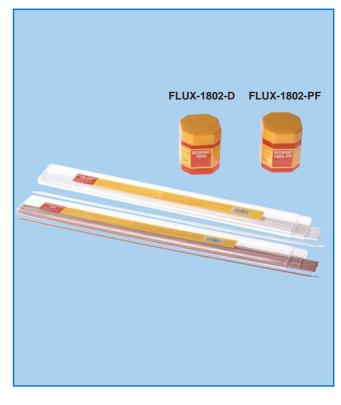
- Steel sheet with M8, M10 nuts
- · Width: 20 mm, thickness: 1,2 mm
- Bolt: OD 5 mm, length 25 mm
- Hex Nut: Hex 15 mm, length 15 mm M8/M10
  Temperature range: -50°C to + 110°C

#### **UNLINED**

PART. NR.	SIZE	RANGE	PART. NR.	SIZE	RANGE
FSCC-0507	1/4"	05-07 mm	FSCC-4244	1 <sup>5</sup> /8"	42-44 mm
FSCC-0710	3/8"	07-10 mm	FSCC-5255	21/8"	52-55 mm
FSCC-1113	1/2"	11-13 mm	FSCC-5864	2 <sup>3</sup> /8"	58-64 mm
FSCC-1315	5/8"	13-15 mm	FSCC-6571	2 <sup>5</sup> /8"	65-71 mm
FSCC-1619	3/4"	16-19 mm	FSCC-7280	31/8"	72-80 mm
FSCC-2022	7/8"	20-22 mm	FSCC-8892	3 <sup>5</sup> /8"	88-92 mm
FSCC-2528	1 <sup>1</sup> /8"	25-28 mm	FSCC-98107	41/8"	98-107 mm
FSCC-3335	1 <sup>3</sup> /8"	33-35 mm			

#### **RUBBERLINED**

PART. NR.	SIZE	RANGE	PART. NR.	SIZE	RANGE
FSCC-0507-R FSCC-0710-R FSCC-1113-R FSCC-1315-R FSCC-1619-R FSCC-2022-R FSCC-2528-R FSCC-3335-R	3/4" 7/8" 1 <sup>1</sup> /8"	05-07 mm 07-10 mm 11-13 mm 13-15 mm 16-19 mm 20-22 mm 25-28 mm 33-35 mm	FSCC-4244-R FSCC-5255-R FSCC-5864-R FSCC-6571-R FSCC-7280-R FSCC-8892-R FSCC-98107-R	1 <sup>5</sup> /8" 2 <sup>1</sup> /8" 2 <sup>3</sup> /8" 2 <sup>5</sup> /8" 3 <sup>1</sup> /8" 3 <sup>5</sup> /8" 4 <sup>1</sup> /8"	42-44 mm 52-55 mm 58-64 mm 65-71 mm 72-80 mm 88-92 mm 98-107 mm









### 2. CONSOLES

· For wall mounting

FSCO-3550 FSCO-3575

CONSOLE CA, 35 x 35 mm, length: 500 mm CONSOLE CA, 35 x 35 mm, length: 750 mm

### 3. PROFILES

· Electrozinc plating

FSP2-3419 FSP3-3535

PROFILE CK, 34 x 19 mm, length: 2 m PROFILE C3, 35 x 35 mm, length: 3 m

#### **END CAPS**

FSEC-3535

FSEC-3419 END CAP for profile 34 x 19 END CAP for profile 35 x 35

### 4. PROFILE NUT KIT

· Bolt, washer and nut

FSNK-30M8 PROFILE NUT KIT M8 x 30 FSNK-30M10 PROFILE NUT KIT M10 x 30

#### **PROFILE NUT**

FSN-M8 FSN-M10

**PROFILE NUT M8 PROFILE NUT M10** 

# 5. THREADED RODS

Electrozinc

FSTR-1M6 FSTR-1M8 THREADED ROD, M6 x 100, length:1 m THREADED ROD, M8 x 125, length:1 m

### 6. BEAM CLAMPS

Electrozinc plated

FSBC-M6 FSBC-M8

**BEAM CLAMP M6 BEAM CLAMP M8** 



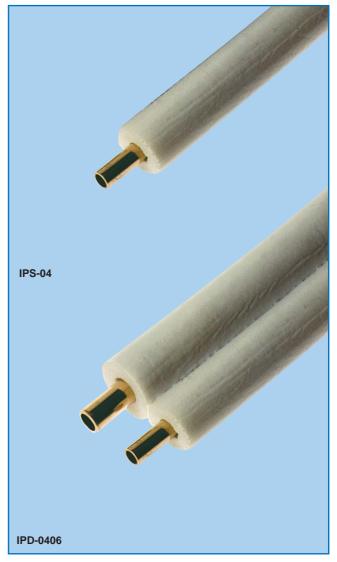
# **INSULATED COPPER TUBE**

#### **FEATURES**

- · The optimal solution for conditioning systems, for the transportation of refrigerant gases, for multi-purpose machines (hot/cold) based on heat pumps and for uses where there is the need for insulating material with high energy values.
- · As regards cold insulation, one of the negative factors is the formation of condensation both on the surface of the insulating material and within.
  - Since water is an excellent heat conductor, good insulation material must be capable of ensuring that no flow of steam is created inside. The greater its resistance to steam (m) the longer the insulation will last over time.
- The insulating material, which is guaranteed as being environment-friendly, is made of extruded expanded polyethylene with a certified permeability factor m 11,000 and an exceptionally resistant external protective film.
- The lower the coefficient of heat conductivity lambda I of the insulating material, the higher the resistance to transmission of heat, offering a better "insulating" performance.
- · Sealed at the ends at a pressure equal to 70 tonnes, which guarantees the perfect internal cleanliness of the copper tube and the complete absence of humidity. This procedure favours the anti-oxidizing effect brought about by the presence of inert gases, nitrogen, present during the annealing phase.
- For double tubes, the 2 pipes can be manually separated without the use of special tools. This speeds up installation, guaranteeing perfect integrity of the insulation material.

#### **SPECIFICATIONS**

- Working temperature: from -45°C to +95°C
- Coefficient of heat conductivity \( \lambda \) ISO 8497 ASTM C 335: W/(m°K): 0.036 kcal/h: 0.0309 Mean temp: 0°C 40°C 0.0344 0.040
- Permeability:  $\mu \ge 11,000$
- Class 1 fire rating certificate CSE RF 2/75/A
- CSI (CSE RF 3/77)
- Density: 30 kg/m³
  Neutral odour
- Optimal resistance to chemical agents, fungi and parasites
- · No toxicity in case of fire
- Insulating material produced without the use of CFC's
- Noise reduction >30 dB of the noise due to the flow or to the contact with metal pipes
- Type of copper: CU-DHP 99.9 UNI 5649-71 ASTM B 280 tolerances as per UNI 7773



#### SINGLE TUBE INSULATED

PART			Insulating thickness	Covered pipe ext. dia	Weight of naked tube	Max. Working pressure	Water flow per meter of tube	Coil length
NUMBER	inch	mm	(mm)	(mm)	(kg/m)	(kg/cm²)	(V lt/m)	(m)
IPS-04	1/4"	6,35 x 0,76	6	18	0,120	158	0,016	25
IPS-05	<sup>5</sup> /16"	7,93 x 0,81	9	26	0,162	117	0,029	25
IPS-06	3/8"	9,52 x 0,81	9	28	0,199	93	0,046	25
IPS-08	1/2"	12,70 x 0,81	9	31	0,271	66	0,093	25
IPS-10	5/8"	15,88 x 0,89	9	34	0,373	51	0,155	25
IPS-12	3/4"	19,05 x 1,00	13	46	0,539	41	0,233	25
IPS-14	7/8"	22,22 x 1,10	13	49	0,677	35	0,327	25

#### **DOUBLE TUBE INSULATED**

PART NUMBER	Copper pi	ipe ext. dia mm	Insulating thickness (mm)	Covered pipe ext. dia (mm)	Weight of naked tube (kg/m)	Max. working pressure (kg/cm²)	Water flow per meter of tube (V lt/m)	Coil length (m)
IPD-0406	1/4" x <sup>3</sup> /8"	6,35 x 9,52	6 - 9	18 - 28	0,120 - 0,199	158 - 93	0,016 - 0,046	20
IPD-0408	1/4" x 1/2"	6,35 x 12,70	6 - 9	18 - 31	0,120 - 0,271	158 - 66	0,016 - 0,093	20
IPD-0410	1/4" x 5/8"	6,35 x 15,88	6 - 9	18 - 34	0,120 - 0,373	158 - 51	0,016 - 0,155	20
IPD-0608	3/8" x 1/2"	9,52 x 12,70	9 - 9	28 - 31	0,199 - 0,271	93 - 66	0,046 - 0,093	20
IPD-0610	3/8" x 5/8"	9,52 x 15,88	9 - 9	28 - 34	0,199 - 0,373	93 - 51	0,046 - 0,155	20
IPD-0612	3/8" x 3/4"	9,52 x 19,05	9 - 13	28 - 46	0,199 - 0,539	93 - 41	0,046 - 0,233	20
IPD-0812	<sup>1</sup> /2" x <sup>3</sup> /4"	12,70 x 19,05	9 - 13	31 - 46	0,271 - 0,539	66 - 41	0,093 - 0,233	20

 $kg/cm^2 \times 0.981 = bar$ 





# THERMAL PIPE **INSULATION CLASS 1**

"μ 5000 PRODUCT WITHOUT CFC"

#### 1. INSULATION SLEEVES

#### **DESCRIPTION**

- Recommended for use where "thermal bridging" should be avoided. This is particularly important in refrigeration and chilled water installation where there is a possibility of condensation taking place.
- · Odourless, does not alter taste of food.
- Does not contain components with asbestos, CFC free.
- · Very good ageing resistance, non perishable.

#### **SPECIFICATIONS**

- Maximum temperature: +105°C (+85°C for flat surface)
- Minimum temperature: -40°C.
- Thermal conductivity: ϑm: ±0, λ: 0,038.
- Water vapour permeability resistance factor: µ5000.
- Coefficient of water vapour diffusion at 0°C under normal conditions of pressure: **0,13 x 10**° **kg /** (m x h x Pa) **1,7 x 10**-5 kg / (m x h x mm Hg)
- · Noise reduction: to 30 db.

COP	XT. Ø PPER BING		or EXT.		THICKNE	SS: 9 mm	THICKNES	SS: 13 mm	THICKNES	SS: 20 mm	THICKNES	SS: 32 mm
	1			ı	PART N°	BOX	PART N°	BOX	PART N°	BOX	PART N°	BOX
mm	inch	mm	inch	nom	x inter Ø	(m)	x inter Ø	(m)	x inter Ø	(m)	x inter Ø	(m)
6	1/4"				TPI9-006	352	TPI13-006					
8	5/16"				TPI9-008	300	TPI13-008	222				
10	3/8"	10.2	1/8"	6	TPI9-010	266	TPI13-010	210				
12	1/2"		"		TPI9-012	234	TPI13-012	172				
14 - 15	5/8"	13.5	1/4"		TPI9-015	192	TPI13-015	162	TPI20-015	78		
	'							136				
18	3/4"	17.2	3/8"	10	TPI9-018	166	TPI13-018		TPI20-018	72	TPI32-018	50
22	7/8"	21.3	1/2"	15	TPI9-022	136	TPI13-022	118	TPI20-022	64	TPI32-022	42
								98				
28	1 <sup>1</sup> /8"	26.9	3/4"	20	TPI9-028	98	TPI13-028		TPI20-028	48	TPI32-028	40
30	13/16"	30.0			TPI9-030	92		78				
35	13/8"	33.7	1"	25	TPI9-035	76	TPI13-035		TPI20-035	36	TPI32-035	24
42	1 <sup>5</sup> /8"	42.4	11/4"	32	TPI9-042	60	TPI13-042	58	TPI20-042	32	TPI32-042	22
48 - 50	1 <sup>7</sup> /8"	48.3	11/2"	40	TPI9-048	40	TPI13-048	48	TPI20-048	24	TPI32-048	18
								40				
54	21/8"	54.0			TPI9-054	46	TPI13-054		TPI20-054	24	TPI32-054	16
60	23/8"	60.3	2"	50	TPI9-060	36	TPI13-060	34	TPI20-060	18	TPI32-060	12
64	21/2"	63.5			TPI9-064	34	TPI13-064	32	TPI20-064	18	TPI32-064	12
70	23/4"	70.0			TPI9-070	32	TPI13-070	30	TPI20-070	14	TPI32-070	12
76	3"	76.1	2 <sup>1</sup> /2"	65	TPI9-076	26	TPI13-076	24	TPI20-076	12	TPI32-076	10
80	31/8"				TPI9-080	24		22				
89	31/2"	88.9	3"	80	TPI9-089	20	TPI13-089		TPI20-089	12	TPI32-089	8
102	4"	101.6	3 <sup>1</sup> /2"		TPI9-102	16	TPI13-102	18	TPI20-102	8		
108	41/4"	108.0			TPI9-108	16	TPI13-108	12	TPI20-108	8		
114	4 <sup>1</sup> /2"	114.3	4"	100	TPI9-114	14	TPI13-114	12	TPI20-114	8	TPI32-114	6
125	5"	125.0			TPI9-125	12	TPI13-125	10	TPI20-125	8		
133		133.0			TPI9-133	10		8				
139	5 <sup>1</sup> /2"	139.7	5"	125	TPI9-140	10	TPI13-140	8	TPI20-140	6	TPI32-140	4
159		160.0			TPI9-160	6	TPI13-160	6	TPI20-160	4		

NOTE: • 1 inch = 25,4 mm

- ThiCh/RESS: TPI9 = 3/8" or 9 mm, TPI13 = 1/2" or 13 mm, TPI20 = 3/4" or 20 mm, TPI32 = 11/4" or 32 mm
   UNIT LENGTH FOR EACH SLEEVE: 2 m (2 m = 78.75 inch)
   FOR ORDERING: Mention the PART N° and LENGTH needed (ex.: TPI20-28 / 32ml). (use the "m" box packing mentioned in the above table)



### 2. ACCESSORIES

#### **SELF ADHESIVE INSULATING TAPE (M1)**

PART NUMBER	LEN (m)	GTH (ft)	WIDTH (mm) (inch)		THICKNESS (mm) (inch)	
INSUL TAPE	15	49.2	50	2"	3	1/8"





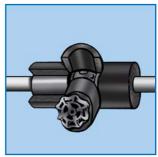
#### ADHESIVE FOR INSULATING MATERIALS

GL-050 CAN of 0.5 litre (0.132 gallon) GL-250 CAN of 2.50 litre (0.660 gallon)

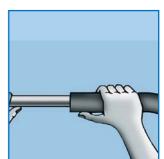
- Neoprene rubber and synthetic resin. Density: 0.85
- Flash point: +4°C (+39°F). Stocking time: 1 year approx.
- Minimum temperature for adhesion: +5°C (+41°F)
- Gluing made with 1 litre (0.26 US gallon):
  - For 9 mm sleeves: 180 to 210 m (590/690 ft)
     For 13 mm sleeves: 130 to 150 m (426/490 ft)
     For 20 mm sleeves: 80 to 110 m (260/360 ft)
     For 32 mm sleeves: 50 to 60 m (160/190 ft)
     For all sheets: 4 to 5 m² (43/53 sq.ft.)
- Drying delay: 30 minutes for touching, 12 hours definitive.

GS-100 GLUE SOLVENT 1 Litre (0.264 gallon)









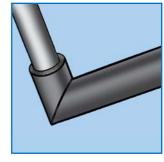
#### SPECIAL PAINT FOR INSULATING MATERIALS

PAINT WHITE PAINT CAN 1 kg (2,2 lbs)

- To be used on outside insulating materials. Use 2 coats
- Covering per coat: 5 to 6  $m^{\scriptscriptstyle 2}$  for 1 kg (54 to 64 sq.ft. for 2.2 lbs)
- Working recommended temperature: +10 to +30°C (50 to 85°F)

GS-100 GLUE SOLVENT for PAINT 1 litre (0.264 gallon)







# **INCH COPPER TUBE FITTINGS**

#### "A/C & R SOLDER JOINT HIGH PRESSURE INCH FITTINGS" SYMBOLS USED FOR FITTING ENDS

Copper cup manufactured to receive copper tube

Copper cup manufactured to receive copper tube diameter (as an ODS solder connection). The copper tube can be "slipped-in" any "C" fitting end. Fitting ends made to copper tube diameter. Can be "slipped-in" any "C" fitting end. Female National Pipe Thread (NPT) said FPT. ("N" had been dropped and replaced by "F" for female). Male National Pipe Thread (NPT) said MPT. ("N" had been dropped and replaced by "M" for male). "FPT" "MPT"

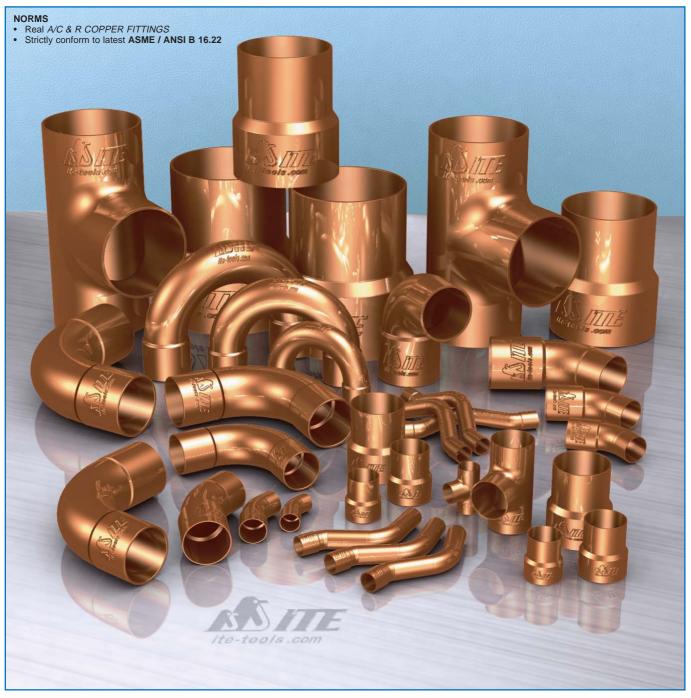
**NOTE** 

"FTG"

All solder cups (C) and fitting ends (FTG) size descriptions are expressed in outside diameter (OD) tube size.

• All National Pipe Threads (NPT) are expressed in standard female NPT (FPT) and male NPT (MPT).

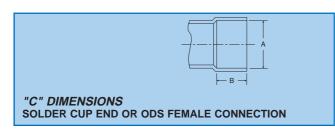
Note: According to the PED Directive 97/23/EC all open ended copper tubes and fittings as supplied by ITE will be classified in the SEP (Sound Engineering Practices) category by reference to article 3 paragraph 3 of the PED. A CE mark cannot be applied to these tubes and fittings, because all appropriate manufacturing operations such as bending, connection (soldering) and heat treatment have not been completed, as they will be completed in the field, during installation process, to render them fit for their intended purpose.



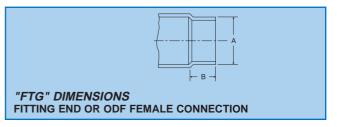
#### **DIMENSIONS**

- · Dimensions of products illustrated are for general estimating purposes and based on the latest data
- Dimensions are subject to revision without immediate notice (codes, manufacturing, market demand, etc...)



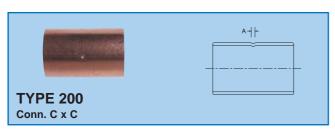


DIMENS	SIONS (Inch)	"A" maxi	"A" mini	"B" mini
OD size	Nominal size	(in mm)	(in mm)	(in mm)
1/8"	-	3,32	3,23	6,35
<sup>3</sup> /16"	-	4,92	4,83	7,87
1/4"	1/8"	6,50	6,40	7,87
<sup>5</sup> /16"	-	8,10	8,00	7,87
3/8"	1/4"	9,67	9,58	7,87
1/2"	3/8"	12,65	12,75	9,66
5/8"	1/2"	16,02	15,93	12,70
3/4"	5/8"	19,20	19,10	15,75
7/8"	3/4"	22,37	22,27	19,05
1"	7/8"	_	_	-
1 <sup>1</sup> /8"	1"	28,75	28,65	23,11
1 <sup>3</sup> /8"	1 <sup>1</sup> /4"	35,10	35,00	24,63
1 <sup>5</sup> /8"	1 <sup>1</sup> /2"	41,47	41,35	27,68
21/8"	2"	54,17	54,05	34,03
2 <sup>5</sup> /8"	21/2"	66,87	66,75	37,33
3 <sup>1</sup> /8"	3"	79,57	79,45	41,66
3 <sup>5</sup> /8"	31/2"	92,27	92,15	48,51
4 <sup>1</sup> /8"	4"	104,97	104,85	54,86



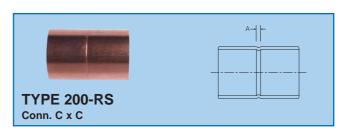
DIMENS	SIONS (Inch)	"A" maxi	"A" mini	"B" mini
OD size	Nominal size	(in mm)	(in mm)	(in mm)
1/8"	-	3,20	3,12	7,87
<sup>3</sup> /16"	-	4,80	4,72	9,65
1/4"	1/8"	6,37	6,29	9,65
<sup>5</sup> /16"	-	7,97	7,89	9,65
3/8"	1/4"	9,55	9,47	9,65
1/2"	3/8"	12,72	12,62	11,17
5/8"	1/2"	15,90	15,79	14,22
3/4"	5/8"	19,07	18,97	17,52
7/8"	3/4"	22,25	22,14	20,57
1"	7/8"	-	_	_
1 <sup>1</sup> /8"	1"	28,62	28,49	24,63
1 <sup>3</sup> /8"	1 <sup>1</sup> /4"	34,97	34,84	26,16
1 <sup>5</sup> /8"	1 <sup>1</sup> /2"	41,32	41,17	29,46
21/8"	2"	54,02	53,87	35,81
2 <sup>5</sup> /8"	21/2"	66,72	66,57	38,86
3 <sup>1</sup> /8"	3"	79,42	79,27	43,86
3 <sup>5</sup> /8"	31/2"	92,12	91,97	42,41
41/8"	4"	104,82	104,67	56.38

#### **COUPLING - STAKED STOP**



Cat. No.	Connections	Dimension
		A (mm)
810141	1/4"	1,59
810142	<sup>5</sup> /16"	1,59
810143	3/8"	1,59
810144	1/2"	1,59
810145	5/8"	1,59
810157	3/4"	1,59
810146	7/8"	1,59
810147	1 <sup>1</sup> /8"	1,59
810148	1 <sup>3</sup> /8"	1,59
810149	1 <sup>5</sup> /8"	1,59
810150	2 <sup>1</sup> /8"	1,59
810151	2 <sup>5</sup> /8"	1,59
810152	3 <sup>1</sup> /8"	4,76
810153	3 <sup>5</sup> /8"	4,76
810154	4 <sup>1</sup> /8"	4,76
810155	5 <sup>1</sup> /8"	5,56
810156	6 <sup>1</sup> /8"	4,76
810130	8 <sup>1</sup> /8"	11,91

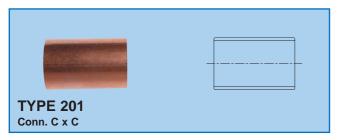
#### **COUPLING - ROLLED STOP**



Cat. No.	Connections	Dimension A (mm)
801000	1/8"	1,19
801001	<sup>3</sup> /16"	1,59
801003	1/4"	1,59
801009	3/8"	1,59
801017	1/2"	1,59
801022	5/8"	1,59
801028	3/4"	1,59
801034	7 <sub>/8</sub> "	1,59
801040	1"	1,59
801047	1 <sup>1</sup> /8"	1,59
801055	1 <sup>3</sup> /8"	1,59
801062	1 <sup>1</sup> /2"	1,59
801063	1 <sup>5</sup> /8"	1,59
801072	2 <sup>1</sup> /8"	4,76
801082	2 <sup>5</sup> /8"	4,76
801092	31/8"	4,76
810100	3 <sup>5</sup> /8"	4,76
810107	4 <sup>1</sup> /8"	4,76

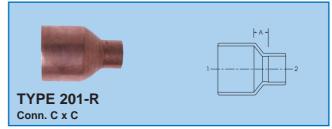


#### **COUPLING - NO STOP**



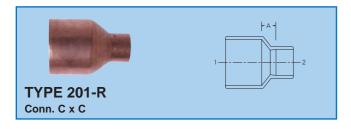
Cat. No.	Connections	
801900	1/4"	
801901	3/8"	
801902	1/2"	
801903	5/8"	
801904	3/4"	
801905	7/8"	
801906	1 <sup>1</sup> /8"	
801907	1 <sup>3</sup> /8"	
801908	1 <sup>5</sup> /8"	
801909	2 <sup>1</sup> /8"	
801910	2 <sup>5</sup> /8"	
801911	31/8"	
801913	4 <sup>1</sup> /8"	

#### **COUPLING - REDUCING (CONTINUED)**



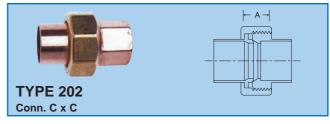
Cat. No.	Co 1	nnect	ions 2	Dimension A (mm)
801064	1 <sup>5</sup> /8"	Х	1 <sup>3</sup> /8"	7,93
801065		Х	1 <sup>1</sup> /8"	11,91
801067		Χ	7/8"	15,08
801069		Х	5 <sub>/8</sub> "	19,84
801073	21/8"	Х	1 <sup>5</sup> /8"	11,91
801074		Χ	1 <sup>3</sup> /8"	13,89
801075		Χ	1 <sup>1</sup> /8"	20,64
801077		Χ	7/8"	23,02
801079		Χ	5/8"	27,78
801083	2 <sup>5</sup> /8"	Χ	2 <sup>1</sup> /8"	15,08
801084		Χ	1 <sup>5</sup> /8"	22,23
801085		Χ	1 <sup>3</sup> /8"	25,40
801086		Χ	1 <sup>1</sup> /8"	20,64
801093	31/8"	Χ	2 <sup>5</sup> /8"	12,70
801094		Χ	2 <mark>1</mark> /8"	28,81
801095	_	Χ	1 <sup>5</sup> /8"	31,75
810101	3 <sup>5</sup> /8"	Χ	3 <mark>1</mark> /8"	11,51
810108	4 <sup>1</sup> /8"	Χ	3 <sup>5</sup> /8"	15,88
810109		Χ	3 <mark>1</mark> /8"	23,02
810110		Χ	2 <sup>5</sup> /8"	36,51
810111		Х	2 <sup>1</sup> /8"	41,28

#### **COUPLING - REDUCING**



Cat. No.	Co	nnect	ions	Dimension
	1	Х	2	A (mm)
801004	1/4"	Х	<sup>3</sup> /16"	3,97
801005		Х	1/8"	4,76
801010	3/8"	Χ	<sup>5</sup> /16"	1,98
801011		Χ	1/4"	4,76
801019	1/2"	Χ	3/8"	5,56
801021		Х	1/4"	9,53
801023	5/8"	Χ	1/2"	3,18
801025		Х	3/8"	7,54
801027		Χ	1/4"	9,13
801029	3/4"	Х	5/8"	6,35
801030		Χ	1/2"	4,76
801031		X	3/8"	7,94
801035	7/8"	Χ	3/4"	5,16
801036		X	5/8"	7,54
801037		X	1/2"	10,32
801038		X	3/8"	9,52
801049	1 <sup>1</sup> /8"	Χ	7/8"	8,73
801050		Х	3/4"	9,13
801051		X	5/8"	10,32
801052	_	Χ	1/2"	11,90
801056	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /8"	7,14
801058		Χ	7/8"	10,32
801060		Х	5/8"	13,49

#### **COUPLING - UNION**



Cat. No.	Connections	Dimension A (mm)
808001	3/8"	15,08
808002	1/2"	11,11
808003	5/8"	11,91
808004	7/8"	15,88
808005	11/8"	11,51
A11205	13/8"	12,70
A11206	15/8"	18,26
A11207	2 <sup>1</sup> /8"	12,71
A11216	2 <sup>5</sup> /8"	25,40
A11217	3 <sup>1</sup> /8"	29,37



#### **ADAPTER**



Cat. No.	Co	nnections		Dimension
	1	X	2	A (mm)
801204	1/4"	Х	1/2"	5,95
801205		Х	3/8"	15,88
801206		Х	1/4"	16,67
801207		Х	1/8"	14,29
801214	3/8"	Χ	3/8"	16,67
801215		Χ	1/4"	15,88
801216		Χ	1/8"	13,49
801223	1/2"	X	3 <sub>/4</sub> "	20,64
801224		Χ	1/2"	25,40
801225		Χ	3/8"	21,03
801226		Χ	1/4"	15,08
801230	5/8"	Χ	3/4"	26,59
801231		Χ	1/2"	21,43
801232		Х	3/8"	19,45
801233		Χ	1/4"	12,70
801238	3/4"	Х	3/4"	22,62
801239	_	Χ	1/2"	23,02
801245	7/8"	Χ	1"	29,37
801246		Х	3/4"	21,43
801247		Х	1/2"	25,40
801261	1 <sup>1</sup> /8"	Χ	1 <sup>1</sup> /4"	13,49
801263		Х	_ 1"	24,60
801264		Х	3/4"	20,64
801265		Χ	1/2"	18,62
801270	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /2"	35,72
801271		Х	1 <sup>1</sup> /4"	30,96
801272	F	Х	1"	25,40
801278	1 <sup>5</sup> /8"	Х	_ 2"	30,96
801279		Х	1 <sup>1</sup> /2"	31,75
801280	4	Х	1 <sup>1</sup> /4"	23,02
801287	2 <sup>1</sup> /8"	Х	2"	23,81
801288	<b>.</b>	Х	1 <sup>1</sup> /2"	30,16
801296	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /2"	30,16
801297	31/8"	Х	3"	33,34

#### **ADAPTER-FITTING**



Cat. No.	Connections		ions	Dimension
	1	х	2	A (mm)
801514	3/8"	Х	3/8"	32,54
801524	1/2"	Х	1/2"	29,37
801525		Χ	3/8"	32,94
801526		Х	1/4"	28,58
801531	5/8"	Χ	1/2"	38,10
801532		Х	3/8"	32,94
801546	7/8"	Х	3/4"	43,26
801547		Х	1/2"	42,86
801563	1 <sup>1</sup> /8"	Χ	1"	52,78
801564		Х	3/4"	44,85
801571	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /4"	56,36
801579	15/8"	Χ	1 <sup>1</sup> /2"	62,71
801587	21/8"	Χ	2"	61,12
801596	2 <sup>5</sup> /8"	Х	21/2"	71,83

#### **ADAPTER**



Cat. No.		nnect		Dimension
	1	X	2	A (mm)
801105	1/4"	Χ	3/8"	21,83
801106		Χ	1/4"	19,45
801107	F.	Х	1/8"	10,72
801109	<sup>5</sup> /16	Χ	3/8"	21,43
801110	3/2"	Х	1 <sub>/4</sub> " 1 <sub>/2</sub> "	15,88
801113	3/8"	Х	3/8"	25,40
801114		X	1/4"	21,03 16,67
801115 801116		X X	1/8"	10,72
801123	1/2"	X	3/4"	28,18
801124	/2	X	1/2"	20.64
801125		X	3/8"	16,67
801126		Х	1/4"	22,23
801129	5/8"	Х	1"	36,91
801130		Х	3/4"	23,81
801131		Х	1/2"	20,64
801132		Χ	3/8"	16,27
801133		Х	1/4"	19,05
801138	3/4"	X	3/4"	25,80
801139	_	Χ	1/2"	27,78
801145	7/8"	Х	ູ 1"	29,37
801146		Χ	3/4"	23,02
801147	.1	Χ	1/2"	22,22
801161	1 <sup>1</sup> /8"	Х	1 <sup>1</sup> /2"	43,26
801162		Х	1 <sup>1</sup> /4" 1"	39,69
801163		X	3/4"	29,87
801164 801165		X	1/2"	23,42 24,61
801170	13/8"	X X	11/2"	42,07
801171	1 - 70	X	11/4"	32,54
801172		X	1"	25,40
801173		Х	3/4"	24,61
801178	15/8"	Х	2"	30,96
801179		Х	1 <sup>1</sup> /2"	31,75
801180		Χ	1 <sup>1</sup> /4"	26,99
801181		Х	1"	27,78
801187	2 <sup>1</sup> /8"	Χ	2"	32,94
801188		Χ	1 <sup>1</sup> /2"	27,78
801189	-5.0	Χ	11/4"	30,96
801196	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /2"	45,24
801197		Х	2"	28,58
801198	01/0"	Х	1 <sup>1</sup> /2"	30,96
801199	3 <sup>1</sup> /8" 4 <sup>1</sup> /8"	Х	3" 4"	36,12
801150	4'/8	Х	4	48,42

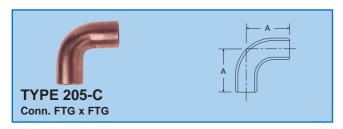
#### **ADAPTER-FITTING**



Cat. No.		Connections		Dimension
	1	X	2	A (mm)
801414	3/8"	Х	3/8"	31,75
801425	1/2"	Х	3/8"	31,53
801431	5/8"	Х	1/2"	34,93
801432		Х	3/8"	30,96
801446	7/8"	X	3/4"	48,82
801447	_	X	1/2"	46,83
801463	1 <sup>1</sup> /8"	Х	ູ 1"	57,15
801464		X	3/4"	51,99
801471	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /4"	62,71
801479	1 <sup>5</sup> /8"	Х	1 <sup>1</sup> /2"	65,88
801487	2 <sup>1</sup> /8"	Х	_ 2"	70,25
801496	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /2"	85,73

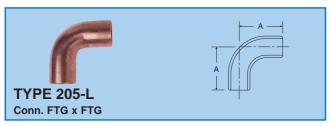


#### 90° ELBOW



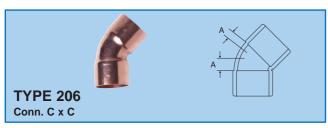
Cat. No.	Connections	Dimension A (mm)
802612	3/8"	19,05
802621	1/2"	23,81
802626	5/8"	29,37
802634	7/8"	41,28
802644	1 <sup>1</sup> /8"	51,59
802684	1 <sup>3</sup> /8"	52,78
802685	1 <sup>5</sup> /8"	60,33
802686	2 <sup>1</sup> /8"	75,41
802687	2 <sup>5</sup> /8"	84,53
802688	31/8"	96,04
802689	3 <sup>5</sup> /8"	110,30
802690	4 <sup>1</sup> /8"	123,80

### 90° ELBOW - LONG RADIUS



Cat. No.	Connections	Dimension A (mm)
802650	1 <sup>3</sup> /8"	73.82
802655	1 <sup>5</sup> /8"	87.31
802659	2 <sup>1</sup> /8"	110.70

#### 45°ELBOW



Cat. No.	Connections	Dimension A (mm)
803005	1/4"	4,76
803012	3/8"	4,76
803021	1/2"	5,16
803026	5/8"	6,75
803030	3/4"	7,94
803034	7/8"	9,13
803044	1 <sup>1</sup> /8"	11,91
803050	1 <sup>3</sup> /8"	11,11
803055	1 <sup>5</sup> /8"	12,70
803059	21/8"	15,88
803063	2 <sup>5</sup> /8"	39,69
803067	31/8"	42,07
803070	3 <sup>5</sup> /8"	44,45
803073	4 <sup>1</sup> /8"	49,21

#### 45° ELBOW



Cat. No.	Connections	Dimension	
		A (mm)	B (mm)
803312	3/8"	14,29	4,76
803321	1/2"	16,67	5,16
803326	5/8"	20,64	6,75
803330	3/4"	25,40	7,94
803334	7/8"	29,77	9,13
803344	1 <sup>1</sup> /8"	36,51	11,91
803350	1 <sup>3</sup> /8"	37,08	18,26
803355	1 <sup>5</sup> /8"	52,78	23,82
803359	2 <sup>1</sup> /8"	67,07	31,75
803363	2 <sup>5</sup> /8"	78,58	39,69
803368	3 <sup>1</sup> /8"	85,73	42,07
803373	4 <sup>1</sup> /8"	105,57	49,21

#### 45° ELBOW



Cat. No.	Connections	Dimension A (mm)
803621	1/2"	16,67
803626	5/8"	20,64
803634	7/8"	29,77
803644	1 <sup>1</sup> /8"	36,51

### 90° ELBOW



Cat. No.	Connections	Dimension		
		A (mm)	B (mm)	
802003	1/4"	9,53	9,53	
802009	3/8"	9,53	9,53	
802017	1/2"	12,70	12,70	
801622	5/8"	15,08	15,08	
802028	3/4"	22,23	22,23	
801634	7/8"	21,03	21,03	
802040	1"	28,58	28,58	
801647	1 <sup>1</sup> /8"	27,38	27,38	
802084	1 <sup>3</sup> /8"	27,78	27,78	
802085	1 <sup>5</sup> /8"	30,96	30,96	
802086	2 <sup>1</sup> /8"	39,69	39,69	
802087	2 <sup>5</sup> /8"	46,04	46,04	
802088	3 <u>1</u> /8"	40,39	40,39	
802089	3 <sup>5</sup> /8"	61,12	61,12	
802090	41/8"	69,06	69,06	
802097	6 <sup>1</sup> /8"	105,50	105,50	



#### 90° ELBOW



Cat. No.	Connections	Dim A (mm)	ension B (mm)
802305 802312 802321 802326 801652 802330 802334 801654 802344 802384 802385 802386 802387 802388 802389	1/4" 3/8" 1/2" 5/8" 5/8" 3/4" 7/8" 7/8" 11/8" 13/8" 15/8" 21/8" 31/8"	19,05 19,05 28,81 29,37 29,37 36,51 41,28 41,28 51,60 52,78 60,33 77,39 84,93 96,04 111,10	9,53 9,53 12,70 15,08 15,08 22,23 20,64 20,64 26,99 26,99 30,96 40,48 46,04 52,39 59,93
802390	41/8"	130,40	59,93

#### 90° ELBOW REDUCING



Cat. No.	C	Connections			ension
	1	Х	2	A (mm)	B (mm)
802011	3/8"	Х	1/4"	11,11	8,73
802019	1/2"	Х	3/8"	14,29	11,11
802023	5/8"	Х	1/2"	15,88	12,70
802025	_	Х	3/8"	16,67	11,11
802029	3/4"	Х	5/8"	17,46	15,08
802030	_	Х	1/2"	20,64	12,70
802035	7/8"	Х	3 <sub>/4</sub> "	23,02	22,23
802036		Х	5/8"	23,42	16,67
802037		Х	1/2"	23,81	15,88
802049	1 <sup>1</sup> /8"	Х	7 <sub>/8</sub> "	25,40	22,23
802050		Х	3/4"	25,40	22,23
802051		Х	<sup>5</sup> /8"	30,16	19,05
802052		Х	1/2"	34,13	16,67
802056	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /8"	36,51	28,58
802077	1 <sup>5</sup> /8"	Х	1 <sup>3</sup> /8"	28,97	21,83
802078	2 <sup>1</sup> /8"	Х	1 <sup>5</sup> /8"	39,69	30,56

#### 90° ELBOW - LONG RADIUS



Cat. No.	Connections	Dim	ension
		A (mm)	B (mm)
802701	<sup>3</sup> /16"	7,94	7,94
802715	1/4"	12,70	12,70
802710	<sup>5</sup> /16"	14,29	14,29
802716	3/8"	19,05	19,05
802717	1/2"	19,05	19,05
802722	5/8"	22,23	22,23
802728	3/4"	28,58	28,58
802734	7/8"	30,16	30,16
802747	1 <sup>1</sup> /8"	38,10	38,10

### 90° ELBOW - LONG RADIUS (CONTINUED)



Cat. No.	Connections	Dim A (mm)	ension B (mm)
802055	1 <sup>3</sup> /8"	47,63	47,63
802063	1 <sup>5</sup> /8"	57,15	57,15
802072	2 <sup>1</sup> /8"	73,03	73,03
802082	2 <sup>5</sup> /8"	92,87	92,87
802092	3 <sup>1</sup> /8"	117,50	117,50
802093	3 <sup>5</sup> /8"	124,60	124,60
802095	4 <sup>1</sup> /8"	149,20	149,20

#### 90° ELBOW - LONG RADIUS



Cat. No.	Connections	Dim	ension
		A (mm)	B (mm)
		, t ()	<b>2</b> ()
802809	3/8"	28,58	19,05
802817	1/2"	30,16	19,05
802822	5/8"	34,93	22,23
802828	3/4"	46,04	28,58
802834	7/8"	50,80	30,16
802847	1 <sup>1</sup> /8"	62,71	38,10
802350	1 <sup>3</sup> /8"	73,82	47,63
802355	1 <sup>5</sup> /8"	87,31	57,15
802359	2 <sup>1</sup> /8"	108,70	73,03
802363	2 <sup>5</sup> /8"	130,90	92,87
802368	31/8"	159,50	117,50
802393	3 <sup>5</sup> /8"	205,60	149,20
802395	4 <sup>1</sup> /8"	205,60	149,22

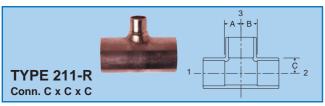
#### 90° ELBOW - LONG RADIUS REDUCING



Cat. No.	Ca		lono	Dim	ension
Cat. No.		nnect	ions	DIM	ension
	1	X	2	A (mm)	B (mm)
802711	3/8"	х	1/4"	15,08	11,91
802719	1/2"	X	3/8"	15,08	11,91
802723	5/8"	X	1/2"	19,05	17,46
802725	, 0	X	3/8"	17,46	15,88
802735	7/8"	X	3/4"	29,37	26,99
802736		х	5/8"	22,23	22,23
802737		Х	1/2"	21,43	17,46
802749	1 <sup>1</sup> /8"	Х	7/8"	31,75	28,97
802751		X	5/8"	28,58	22,23
802756	1 <sup>3</sup> /8"	Х	1 <sup>1</sup> /8"	41,28	37,31
802058		Х	7/8"	50,40	34,93
802060		X	5/8"	54,77	34,93
802064	1 <sup>5</sup> /8"	X	1 <sup>3</sup> /8"	48,82	47,63
802065		X	1 <sup>1</sup> /8"	53,98	41,28
802067		Х	7/8"	51,99	34,93
802073	21/8"	Х	1 <sup>5</sup> /8"	61,91	55,17
802074		Х	1 <sup>3</sup> /8"	63,50	53,98
802075	_	Х	1 <sup>1</sup> /8"	63,50	53,18
802083	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /8"	75,40	75,40



# TEE



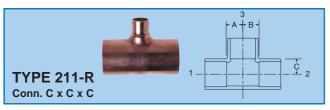
Cat. No.			Conne	ctio	ns		Dimensi	ion
	1	x	2	X	3	A (mm)	B (mm)	
840368 840308	1/4"	x x	1/4"	x x	<sup>3</sup> /8"	13,09 11,90	13,09 11,90	4,76 8,73
840334	5/16"	х	<sup>5</sup> /16"	x	3/8"	11,90	11,90	5,55
804016 804005 840324 840325	3/8"	X X X	3/8"	X X X	5/8" 1/2" 1/4" 3/16"	18,65 6,35 3,97 8,73	18,65 6,35 3,97 8,73	8,73 5,95 5,55 14,28
840330 840332		X X	1/4"	X X	3/8" 1/4"	5,16 3,97	13,09 9,53	4,76 5,55
804015 804002 840350	1/2"	X X X	1/2"	X X X	5/8" 3/8" 1/4"	16,67 5,55 5,56	16,67 5,55 5,56	8.33 7,14 15,08
804003 804004 840358		X X X	3/8"	X X X	1/2" 3/8" 1/4"	6,75 5,55 5,55	14,28 12,70 13,09	6,35 7,14 15,08
840363 840364 840366		X X X	1/4"	X X X	1/2" 3/8" 1/4"	6,75 5,55 5,55	15,48 16,67 16,67	6,35 7,54 18,26
804067 804047 804029 804007 804008 804014	5/8"	X X X X X	5/8"	X X X X X	11/8" 7/8" 3/4" 1/2" 3/8" 1/4"	30,95 11,90 11,51 6,75 6,75 6,75	30,95 11,90 11,51 6,75 6,75 6,75	14,28 8,33 10,32 9,92 17,46 17,46
804009 804010 804011		X X X	1/2"	X X X	5/8" 1/2" 3/8"	8,33 6,75 6,75	15,88 14,28 15,48	8,33 9,92 17,46
804012 840367 804013		X X X	3/8"	X X X	5/8" 1/2" 3/8"	8,33 6,75 6,75	17,46 15,48 15,48	8,33 9,92 17,46
804046 804018 804019 804020	3/4"	X X X	3/4"	X X X	7/8" 5/8" 1/2" 3/8"	13,09 8,33 8,33 8,33	13,09 8,33 8,33 8,33	12,30 11,11 21,03 20,64
804021 804022 804023		X X X	5/8"	X X X	3/4" 5/8" 1/2"	10,32 15,08 8,33	19,05 25,80 19,45	9,92 11,51 21,03
804025 804026 804027		X X X	1/2"	X X X	3/4" 5/8" 1/2"	10,32 8,33 8,33	23,81 22,62 22,62	9,92 11,11 21,03
804065 804032 804033 804034 804035	7/8"	X X X X	7/8"	X X X X	1 <sup>1</sup> /8" <sup>3</sup> /4" <sup>5</sup> /8" <sup>1</sup> /2" <sup>3</sup> /8"	14,68 11,90 8,33 8,33 8,33	14,68 11,90 8,33 8,33 8,33	13,89 21,43 13,89 21,83 23,81
804036 804037		X X	3/4"	X X	7/8" 3/4"	11,90 11,90	18,26 18,26	11,51 21,43

#### **TEE (CONTINUED)**

TEE (CONTINUED)								
Cat. No.		.,	Conne			A (mama)	Dimens	
804041 804042 804043 804044 804045	<b>1</b> 7/8"	x x x x x	<b>2</b> 5/8"	х х х х х	7/8" 3/4" 5/8" 1/2" 3/8"	11,90 11,90 8,33 8,33 8,33	18,26 18,65 18,26 15,88 17,46	11,51 21,43 13,89 21,83 23,81
840230 840231 840232		X X X	1/2"	X X X	7/8" 5/8" 1/2"	11,90 8,33 8,33	24,61 23,81 20,24	11,51 13,49 20,24
840101 804082 804049 804050 804051 804052	1 <sup>1</sup> /8"	X X X X X	1 <sup>1</sup> /8"	X X X X X	1 <sup>5</sup> /8" 1 <sup>3</sup> /8" <sup>7</sup> /8" <sup>3</sup> /4" <sup>5</sup> /8" <sup>1</sup> /2"	42,07 17,46 11,90 11,90 9,13 9,13	42,07 17,46 11,90 11,90 9,13 9,13	21,03 14,68 19,45 25,80 51,59 27,78
804055 804056 804057 804058 804059		X X X X	7/8"	X X X X	1 <sup>1</sup> /8" <sup>7</sup> /8" <sup>3</sup> /4" <sup>5</sup> /8" <sup>1</sup> /2"	15,08 11,90 11,90 9,13 9,13	26,59 19,45 19,45 16,27 16,27	15,88 19,45 25,80 51,59 27,78
840233 840234 840235 840236		X X X	3/4"	X X X	1 <sup>1</sup> /8" 7/8" 3/4" 5/8"	14,68 11,90 11,90 9,13	30,95 26,19 26,19 24,61	14,28 19,45 26,99 16,67
804061 804062 804063		X X X	5/8"	X X X	1 <sup>1</sup> /8" 7 <sub>/8</sub> " 5 <sub>/8</sub> "	14,68 11,90 9,13	30,95 29,37 24,61	14,28 19,45 16,67
840122 840100 804069 804070 804071 804072	1 <sup>3</sup> /8"	X X X X X	1 <sup>3</sup> /8"	X X X X X	2 <sup>1</sup> /8" 1 <sup>5</sup> /8" 1 <sup>1</sup> /8" <sup>7</sup> /8" <sup>5</sup> /8" 1/2"	52,39 21,43 14,68 14,68 14,28 15,08	52,39 21,43 14,68 14,68 14,28 15,08	27,78 18,26 21,03 32,94 36,12 39,69
804073 804074 804075 804076 804077		X X X X	1 <sup>1</sup> /8"	X X X X	1 <sup>3</sup> /8" 1 <sup>1</sup> /8" 7/8" <sup>5</sup> /8" 1/2"	18,26 15,08 15,08 15,08 13,49	30,95 28,58 28,58 28,58 15,88	19,45 21,03 33,34 37,70 10,32
804078 804079 804080 804081		X X X	7/8"	X X X	1 <sup>3</sup> /8" 1 <sup>1</sup> /8" 7/8" 5/8"	18,26 15,08 15,08 15,08	34,93 31,75 31,75 31,75	17,86 21,03 52,78 57,55
804083		Х	5/8"	х	1 <sup>3</sup> /8"	18,26	41,28	17,46
840121 804085 804086 804087 804088 804089	1 <sup>5</sup> /8"	X X X X X	1 <sup>5</sup> /8"	X X X X X	2 <sup>1</sup> /8" 1 <sup>3</sup> /8" 1 <sup>1</sup> /8" <sup>7</sup> /8" <sup>5</sup> /8"	26,99 17,86 17,86 17,86 17,86 17,86	26,99 17,86 17,86 17,86 17,86 17,86	22,62 23,81 40,48 46,43 48,02 50,80
804090 804091 804092 804093 804094		X X X X	1 <sup>3</sup> /8"	X X X X	1 <sup>5</sup> /8" 1 <sup>3</sup> /8" 1 <sup>1</sup> /8" <sup>7</sup> /8" <sup>5</sup> /8"	21,43 17,86 17,86 17,86 17,86	30,16 30,16 30,16 33,73 33,73	21,03 23,81 37,31 41,28 44,85
804095 804096 804097 804098 840237		X X X X	1 <sup>1</sup> /8"	X X X X	1 <sup>5</sup> /8" 1 <sup>3</sup> /8" 1 <sup>1</sup> /8" 7/8" 5/8"	21,03 18,26 18,26 18,26 18,26	43,66 36,91 36,91 36,91 42,86	21,03 23,81 40,48 46,43 49,61



# TEE (CONTINUED)



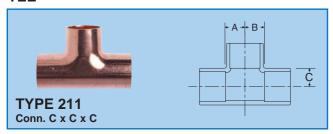
Cat. No.			Conne	ctio	ns		Dimens	ion
	1	х	2	Х	3	A (mm)	B (mm)	
	•	^	_	~		, , , , , , ,	_ (,	• ()
804099	1 <sup>5</sup> /8"	Х	7/8"	Х	1 <sup>5</sup> /8"	21,43	53,98	21,03
840239		Х		Х	1 <sup>3</sup> /8"	18,26	42,86	23,81
840240		Х		Х	1 <sup>1</sup> /8"	18,26	42,86	40,48
840238		Х		Х	7/8"	18,26	42,86	46,43
840243		Х		Х	5/8"	18,26	36,91	49,61
						,	,	,
840244		Х	5/8"	Х	1 <sup>5</sup> /8"	21,43	57,15	21,03
						,	,	,
840153	2 <sup>1</sup> /8"	Χ	2 <sup>1</sup> /8"	Х	31/8"	46,04	46,04	27,78
840144		Х		Х	2 <sup>5</sup> /8"	34,13	34,13	27,78
840103		Χ		Х	1 <sup>5</sup> /8"	21,43	21,43	30,56
840104		Χ		Х	1 <sup>3</sup> /8"	21,43	21,43	46,83
840105		Х		Χ	1 <sup>1</sup> /8"	14,68	14,68	32,54
840106		Х		Χ	7/8"	14,68	14,68	42,86
840107		Х		Χ	5/8"	14,68	14,68	49,21
840108		Χ		Х	1/2"	14,68	14,68	51,20
			_					
840109		Χ	1 <sup>5</sup> /8"	Χ	2 <sup>1</sup> /8"	27,78	50,40	27,78
840110		Χ		Х	1 <sup>5</sup> /8"	21,43	43,66	30,95
840111		Χ		Х	1 <sup>3</sup> /8"	21,43	43,66	46,83
840112		Χ		Х	1 <sup>1</sup> /8"	14,68	36,91	32,94
840113		Χ		Х	<sup>7</sup> /8"	14,68	36,91	42,86
840114		X		Х	5/8"	14,68	39,69	49,21
040445			43/01		21/8"	00.40	F4 00	00.40
840115		X	1 <sup>3</sup> /8"	X	2 1/8 1 <sup>5</sup> /8"	28,18	51,99	28,18
840116		X		Х		21,43	46,83	30,95
840117		X		Х	1 <sup>3</sup> /8"	21,43	46,83	46,83
840118		Х		Х	1 <sup>1</sup> /8" 7/8"	15,08	40,08	33,34
840119		X		X	5/8"	14,68	40,48	42,86
840120		Х		Х	9/8	14,68	40,48	49,21
840245		х	1 <sup>1</sup> /8"	Х	21/8"	15,08	75,01	32,54
840247		X	1 70	Х	1 <sup>1</sup> /8"	27,78	64,29	28,58
040241		^		^	1 70	21,10	04,20	20,00
840248		Х	7/8"	Х	21/8"	27,78	68,26	28,58
						,	,	,
840249		Х	5/8"	Χ	21/8"	27,78	69,06	28,58
	o.E. (		o.E. (		-1 / · ·			
840124	2 <sup>5</sup> /8"	X	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /8"	27,78	27,78	38,89
840125		X		Х	1 <sup>5</sup> /8"	27,78	27,78	58,74
840126		X		Х	1 <sup>3</sup> /8"	27,78	27,78	63,50
840127		X		Х	1 <sup>1</sup> /8"	27,78	27,78	70,64
840128		X		Х	7/8" 5/8"	27,78	27,78	72,63
840129		Х		Х	9/8	27,78	27,78	76,20
840130		х	2 <sup>1</sup> /8"	х	2 <sup>5</sup> /8"	33,34	61,91	34,93
840131		X	2 70	Х	2 <sup>1</sup> /8"	27,38	55,16	38,10
840132		X		Х	1 <sup>5</sup> /8"	27,38	55,16	61,91
840133		X		Х	1 <sup>3</sup> /8"	27,38	55,16	66,68
840134		Х		Х	11/8"	27,38	55,16	71,04
840135		Х		Х	7/8"	27,38	55,16	76,99
840136		Х		Х	5/8"	27,38	55,16	80,96
						,	,	,
840137		Х	1 <sup>5</sup> /8"	Х	2 <sup>5</sup> /8"	33,34	70,25	34,93
840138		Х		Χ	21/8"	27,78	61,52	38,10
840139		Х		Χ	1 <sup>5</sup> /8"	27,78	61,52	61,91
840140		Х		Χ	1 <sup>3</sup> /8"	27,78	61,52	65,09
840141		Χ		Χ	1 <sup>1</sup> /8"	27,78	61,52	71,04
840142		Χ		Χ	7/8"	27,78	61,52	73,82
840143		Χ		Χ	5/8"	27,78	61,52	76,60
0.40000			43/-"		05/-"	00.04	70.00	0.4.00
840220		X	1 <sup>3</sup> /8"	Х	2 <sup>5</sup> /8"	33,34	73,03	34,93
840250		Х		Χ	2 <sup>1</sup> /8"	27,78	64,69	38,10

# TEE (CONTINUED)

<b>\</b>								
Cat. No.			Conne			A (	Dimens	
	1	X	2	X	3	A (mm	) B (mm	) C (mm)
840251		Х		Х	1 <sup>5</sup> /8"	27,78	64,69	61,91
840252		Х		Х	1 <sup>3</sup> /8"	27,78	64,69	66,68
840253		Х		Х	1 <sup>1</sup> /8"	27,78	64,69	69,85
840254		Х		Х	7/8"	27,78	64,69	72,23
840255		Х		Х	5/8"	27,78	64,69	75,41
840221	2 <sup>5</sup> /8"	х	1 <sup>1</sup> /8"	Х	2 <sup>5</sup> /8"	33,34	76,20	36,91
840256		Х		Х	2 <sup>1</sup> /8"	27,38	69,06	38,10
840257		Х		Х	1 <sup>5</sup> /8"	27,78	69,06	61,91
840258		Х		Х	1 <sup>3</sup> /8"	27,78	68,26	63,50
840259		Х		Х	1 <sup>1</sup> /8"	27,38	69,06	69,85
840222		Х	7/8"	Х	2 <sup>5</sup> /8"	33,34	84,14	34,93
010222		^	70	^	2 70	00,01	01,11	01,00
					_			
840151	3 <sup>1</sup> /8"	Х	3 <sup>1</sup> /8"	Х	2 <sup>5</sup> /8"	40,48	40,48	75,41
840150		Х		Х	2 <sup>1</sup> /8"	27,38	27,38	45,24
840149 840148		X		X	1 <sup>5</sup> /8" 1 <sup>3</sup> /8"	27,38 27,38	27,38 27,38	69,85 76,20
840147		X		X X	1 <sup>1</sup> /8"	18,26	18,26	47,23
840146		X		X	7/8"	18,26	18,26	59,53
840145		Х		X	5/8"	18,26	18,26	64,29
			F		4			
840159		Х	2 <sup>5</sup> /8"	Х	3 <sup>1</sup> /8"	40,48	69,85	41,28
840158		Х		Х	2 <sup>5</sup> /8" 2 <sup>1</sup> /8"	40,48	71,43	72,23
840157 840156		X		X X	2 ·/8 1 <sup>5</sup> /8"	27,38 27,38	54,77 54,77	45,24 68,26
840155		X		X	1 <sup>3</sup> /8"	27,38	54,77	71,04
840154		Х		X	1 <sup>1</sup> /8"	18,26	42,86	50,80
								•
840167		Х	2 <sup>1</sup> /8"	Х	3 <sup>1</sup> /8"	40,48	77,79	41,67
840165		Х		Х	2 <sup>5</sup> /8"	40,48	80,96	72,23
840164		X		X	2 <sup>1</sup> /8" 1 <sup>5</sup> /8"	27,38	64,29	45,24
840163 840162		X		X X	1 <sup>3</sup> /8"	27,38 27,38	65,88 57,55	69,85 73,03
840161		X		X	1 /8"	18,26	53,98	50,80
						,	,	,
840174		Χ	1 <sup>5</sup> /8"	Χ	31/8"	42,07	87,31	41,28
840181		х	13/8"	х	31/8"	40,48	87,31	41,28
040101		^	1-70	^	3 /0	40,40	07,51	41,20
840178		Х	1 <sup>1</sup> /8"	Х	31/8"	40,48	88,90	41,67
840179		Х	7/8"	Х	31/8"	40,48	92,87	41,28
840198	41/8"	Х	41/8"	Х	31/8"	40,48	40,48	67,07
840197		Х		Х	2 <sup>5</sup> /8"	40,48	40,48	81,36
840196		Х		Х	2 <sup>1</sup> /8"	26,99	26,99	59,93
840195		Х		Х	1 <sup>5</sup> /8"	26,99	26,99	81,76
840194		Х		Х	1 <sup>3</sup> /8"	26,99	26,99	92,07
840193		X		X	1 <sup>1</sup> /8" 7/8"	14,68	14,68	65,48
840192 840191		X		X X	5/8"	14,28 14,28	14,28 14,28	77,79 75,80
040101		^		^	70	14,20	14,20	70,00
840208		Х	3 <sup>1</sup> /8"	Х	41/8"	53,98	95,25	55,96
840206		Х		Х	31/8"	40,48	79,38	67,07
840205		Х		Х	2 <sup>5</sup> /8"	40,48	79,38	81,36
840204		Х		Х	2 <sup>1</sup> /8"	26,99	66,68	62,71
840212		Х	2 <sup>5</sup> /8"	Х	4 <sup>1</sup> /8"	53,98	100,01	55,96
840216		Х	21/8"	Х	4 <sup>1</sup> /8"	53,98	55,16	55,96
840215		Х	1 <sup>5</sup> /8"	Х	4 <sup>1</sup> /8"	53,98	112,32	55,96
840214		Х	1 <sup>3</sup> /8"	х	4 <sup>1</sup> /8"	53,98	115,49	55,56
840213		Х	1 <sup>1</sup> /8"	Х	4 <sup>1</sup> /8"	53,98	118,66	55,96
840503	6 <sup>1</sup> /8"	Х	6 <sup>1</sup> /8"	Х	31/8"	44,45	44,45	94,85
840504		Χ		Χ	2 <sup>5</sup> /8"	44,45	44,45	121,84
840505		Х		Х	2 <sup>1</sup> /8"	44,45	44,45	125,01

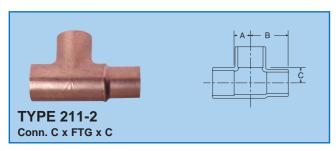


#### TEE



Cat. No.	Connections		Dimensior	1
		A (mm)	B (mm)	C (mm)
840302	3/16"	2.78	2.78	19.80
840306	1/4"	3.97	3.97	3.97
840313	<sup>5</sup> /16"	5.16	5.16	4.76
804000	3/8"	5.16	5.16	4.76
804001	1/2"	6.75	6.75	6.35
804006	5/8"	8.33	8.33	8.33
804017	3/4"	10.32	10.32	9.92
804031	7/8"	11.91	11.91	11.51
804048	1 <sup>1</sup> /8"	14.68	14.68	14.29
804068	1 <sup>3</sup> /8"	18.26	18.26	17.86
804084	1 <sup>5</sup> /8"	21.03	21.03	21.03
840102	21/8"	27.78	27.78	27.78
840123	2 <sup>5</sup> /8"	33.34	33.34	34.93
840152	31/8"	40.48	40.48	41.28
840190	3 <sup>5</sup> /8"	49.21	49.21	43.26
840200	41/8"	80.77	80.77	80.77
840500	6 <sup>1</sup> /8"	77.79	77.79	82.55

#### **TEE - FITTING**



Cat. No.	Connections		Dimension	
		A (mm)	B (mm)	C (mm)
804106	5/8"	8,33	32,94	8,33
804131	7/8"	11,91	45,24	11,50

#### **PLUG**



Cat. No.	Connections	Dimension A (mm)
A01402	1/4"	3,18
A01422	3/8"	3,18
A01392	1/2"	3,18
A01504	5/8"	3,18
A02273	3/4"	3,18
A01529	7/8"	3,18
A01556	1 <sup>1</sup> /8"	3,18
A01590	1 <sup>3</sup> /8"	3,18
A01628	1 <sup>5</sup> /8"	3,18

#### **CAP**



Cat. No.	Connections	Dimension A (mm)
807002	1/4	0,80
807004	3/8"	0,80
807006	1/2"	0,80
807007	<sup>5</sup> /8"	0,80
807008	3/4"	1,20
807009	7/8"	1,20
807011	1 <sup>1</sup> /8"	1,20
807012	1 <sup>3</sup> /8"	1,20
807013	1 <sup>5</sup> /8"	1,59
807014	2 <sup>1</sup> /8"	1,59
807015	2 <sup>5</sup> /8"	1,99
807016	3 <u>1</u> /8"	1,99
807017	3 <sup>5</sup> /8"	2,39
807018	4 <sup>1</sup> /8"	2,78

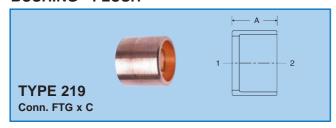
#### **BUSHING - EXTENDED**



-				= -
Cat. No.		nnect	ions	Dimension
	1	Х	2	A (mm)
004202	1/4"	.,	1/8"	12.40
801302	3/8"	Х	1/8 1/4"	13,49
801306		Х	3/2"	9,53
801312	1/2"	Х	3/8"	15,86
801314	5 /- "	Х	1/4"	15,08
801315	5/8"	Х	1/2"	19,05
801317	37.11	Х	3/8"	19,84
801320	3/4"	Х	<sup>5</sup> /8"	22,23
801321		Х	1/2"	23,02
801322	7	Х	3/8"	22,23
801325	7/8"	Х	3/4"	24,61
801326		Х	5/8"	24,21
801327	44	Х	1/2"	28,58
801337	11/8"	Х	7/8"	28,18
801338		Х	3/4"	31,75
801339		Х	5/8"	34,13
801340		Х	1/2"	34,93
801343	1 <sup>3</sup> /8"	Х	1 <u>1</u> /8"	30,96
801345		Х	7/8"	34,13
801347	_	Х	5/8"	38,10
801350	1 <sup>5</sup> /8"	Х	1 <sup>3</sup> /8"	35,72
801351		Х	1 <u></u> 1/8"	38,89
801353		Х	7/8"	42,86
801355		Х	5/8"	44,45
801358	21/8"	Х	1 <sup>5</sup> /8"	46,83
801359		Х	1 <sup>3</sup> /8"	51,60
801360		Х	1 <sup>1</sup> /8"	53,98
801362		Х	7/8"	55,56
801364		Х	5/8"	66,68
801367	2 <sup>5</sup> /8"	Х	2 <sup>1</sup> /8"	51,59
801368		Х	1 <sup>5</sup> /8"	56,36
801369		X	1 <sup>3</sup> /8"	62,71
801370		X	1 <sup>1</sup> /8"	73,03
801376	31/8"	X	2 <sup>5</sup> /8"	51,59
801377		X	2 <sup>1</sup> /8"	63,50
801378		X	1 <sup>5</sup> /8"	75,41
801379		Х	1 <sup>3</sup> /8"	76,20
801381	3 <sup>5</sup> /8"	Х	31/8"	59,53
801382		Х	2 <sup>5</sup> /8"	66,28
801383		X	21/8"	78,58
801386	41/8"	X	3 <sup>5</sup> /8"	63,50
801387		X	3 <sup>1</sup> /8"	75,41
801388		X	2 <sup>5</sup> /8"	90,09
801389		Х	2 <sup>1</sup> /8"	92,87



#### **BUSHING - FLUSH**



Cat. No.	Co 1	nnect	ions 2	Dimension
		Х	2	A (mm)
801706	3/8"	х	1/4"	9,53
801712	1/2"	Х	3/8"	11,11
801714		Х	1/4"	11,11
801715	5/8"	Х	1/2"	14,29
801717		Х	3/8"	14,29
801720	3/4"	Х	5/8"	17,46
801721		Х	1/2"	17,46
801722	_	Х	3/8"	17,46
801725	7/8"	X	3/4"	20,64
801726		X	5/8"	20,64
801727		X	1/2"	20,64
801737	1 <sup>1</sup> /8"	Х	7/8"	24,61
801738		Х	3/4"	24,61
801739		Х	5/8"	24,61
801743	1 <sup>3</sup> /8"	Х	1 <mark>1</mark> /8"	26,20
801745	F	Х	7/8"	26,20
801750	1 <sup>5</sup> /8"	Х	1 <sup>3</sup> /8"	29,37
801751	4	Х	1 <sup>1</sup> /8"	29,37
801758	2 <sup>1</sup> /8"	Х	1 <sup>5</sup> /8"	35,72
801759	- E	Х	1 <sup>3</sup> /8"	35,72
801767	2 <sup>5</sup> /8"	Χ	2 <sup>1</sup> /8"	38,89

#### **BUSHING - FLUSH**



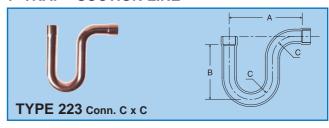
Cat. No.	Co	nnect	ions	Dimension		
	1	X	2	A (mm)		
A07812	5/8"	Х	1/8"	13,49		
A07813		Х	1/4"	14,29		
A07814	7/8"	Х	3/8"	20,64		
A07815	1 <sup>1</sup> /8"	Х	1/2"	24,61		
A07816	1 <sup>3</sup> /8"	Χ	3/4"	30,56		
A07817	1 <sup>5</sup> /8"	Х	1"	27,38		
A07819	21/8"	Χ	1 <sup>1</sup> /2"	35,72		

#### **COPPER TUBE STRAP - 2 HOLE**



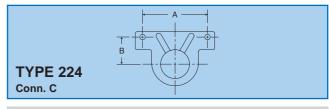
Cat. No.	Connections
A01203 A01278 A01366 A02529 A01467 A02574 A02614 A02650 A02675 A02708	1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 11/8" 13/8" 15/8"

#### **P-TRAP - SUCTION LINE**



Cat. No.	Connections	Dimension				
		A (mm)	B (mm)	C (mm)		
860999	5/8"	152,4	139,7	38,1		
861008	3 <sub>/4</sub> "	149,2	136,5	38,1		
861000	7/8"	146,1	133,4	38,1		
861001	1 <sup>1</sup> /8"	127,8	129,4	38,1		
861002	1 <sup>3</sup> /8"	166,7	129,4	47,6		
861003	1 <sup>5</sup> /8"	219,9	184,9	63,5		
861009	21/8"	235,7	219,9	76,2		

#### **HANGER - HI-EAR**



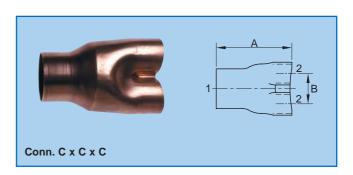
Cat. No.	Connections	nnections Dimens A (mm) B	
A03167	5/8"	41,28	18,65
A03168	7/8"	41,28	22,23
A03171	1 <sup>1</sup> /8"	28,18	25,40

#### **COPPER TUBE STRAP - PERFORATED**



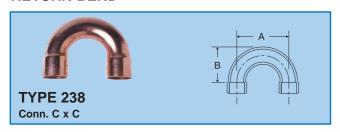
Cat. No.	Connections	Dimension A (mm)
A01211	7,60 m	0,75

#### **DISTRIBUTOR**



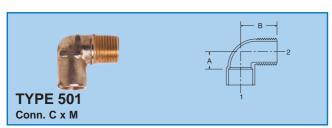


#### **RETURN BEND**



Cat. No.	Connections	Dim	ension
		A (mm)	B (mm)
806025	3/8"	114,3	61,9
806020	3/8"	38,1	23,8
806048	1/2"	152,4	82,6
806045	1/2"	101,6	58,7
806041	1/2"	76,2	44,5
806036	1/2"	50,8	31,8
806032	1/2"	38,1	25,4
806069	5/8"	152,4	84,1
806060	5/8"	76,2	46,1
806058	5/8"	63,5	39,7
806056	5/8"	57,2	38,1
806053	5/8"	47,6	31,8
806051	5/8"	39,7	27,8
806084	3/4"	101,6	47,6
806074	3/4"	54,0	36,5
806077	3/4"	63,5	41,3
806095	7/8"	85,7	54,0
806092	7/8"	63,5	42,9
860110	11/8"	76,2	52,4
860111	1 <sup>1</sup> /8"	82,6	55,6
860121	1 <sup>3</sup> /8"	95,3	65,1
860131	1 <sup>5</sup> /8"	114,3	80,4
860140	2 <sup>1</sup> /8"	139,7	96,8

#### 90° ELBOW - FORGED BRASS



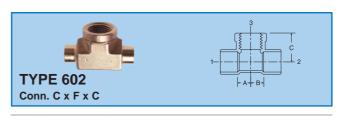
Cat. No.	Co	Connections			ension
	1	X	2	A (mm)	B (mm)
802105	1/4"	Х	3/8"	25,40	11,51
802106			1/4"	22,23	9,53
802107			1/8"	19,05	3,18
802113	3/8"	Х	1/2"	31,75	11,91
802114			3/8"	25,40	11,51
802115			1/4"	22,23	6,35
802116			1/8"	19,05	7,54
802123	1/2"	Х	3/4"	38,10	14,29
802124			1/2"	31,75	7,94
802125			3/8"	25,40	7,94
802126			1/4"	25,40	6,35
802130	5/8"	Х	3/4"	38,10	14,29
802131			1/2"	31,75	13,49
802132	_		3/8"	28,58	11,11
802137	3/4"	Х	_ 1"	42,86	11,91
802138	_		3/4"	38,10	11,91
802146	7/8"	Х	3/4"	38,10	14,29
802147			1/2"	35,72	13,10
802148	_		3/8"	30,56	13,10
802163	1 <sup>1</sup> /8"	Х	_ 1"	43,66	18,26
802164	_		3/4"	38,89	18,26
802179	1 <sup>5</sup> /8"	Х	1 <sup>1</sup> /2"	50,80	23,02
802187	21/8"	Χ	2"	33,34	30,16

#### 90° ELBOW - FORGED BRASS



Cat. No.	Co	Connections			Dimension		
	1	x	2	A (mm)	B (mm)		
802206	1/4"	х	1/4"	12,70	19,05		
802207			1/8"	11,11	19,84		
802214	3/8	х	3/8"	14,29	17,86		
802215			1/4"	12,70	19,05		
802216			1/8"	6,35	19,84		
802224	1/2"	х	1/2"	16,67	23,42		
802225			3/8"	12,70	17,86		
802226			1/4"	11,11	19,05		
802230	5/8"	х	3/4"	16,67	25,40		
802231			1/2"	12,70	23,81		
802232			3/8"	14,68	19,84		
802238	3/4"	х	3/4"	16,67	26,59		
802239			1/2"	16,67	26,20		
802246	7/8"	X	3/4"	16,67	26,59		
802247			1/2"	13,10	27,78		
802264	1 <sup>1</sup> /8"	X	3/4"	18,26	30,96		
802271	1 <sup>3</sup> /8"	X	1 <sup>1</sup> /4"	26,19	42,86		
802280	1 <sup>5</sup> /8"	Х	1 <sup>1</sup> /4"	23,02	40,08		

#### **TEE - FORGED BRASS**



	D (mm)
1 x 2 x 3 A (mm)	B (mm)
804209       3/8" x       1/8" 6,35         804228       3/8" x       3/8" x       14,29         804229       1/4" 11,11         804230       1/8" 11,11         804259       1/2" x       1/2" x       3/8" 12,70	14,29 10,72 16,67 15,88 14,29 18,26 10,32

#### **CROSS - FORGED BRASS**



Cat. No.	Connections	Dimension	
		A (mm)	B (mm)
A01409	1/4"	6,35	6,35
A01431	3/8"	10,32	10,32



# **METRIC COPPER TUBE FITTINGS**

#### **REFRIGERATION QUALITY**

#### SYMBOLS USED FOR FITTING ENDS

Copper cup manufactured to receive copper tube diameter (as an ODS solder connection). The copper tube can be "slipped-in" any "C" fitting end.
Fitting ends made to copper tube diameter. Can be "slipped-in" any "C" fitting end.
Female National Pipe Thread (NPT) said FPT. ("N" had been dropped and replaced by "F" for female).
Male National Pipe Thread (NPT) said MPT. ("N" had been dropped and replaced by "M" for male).

"FTG"

"FPT"

"MPT"

#### **NOTE**

• All solder cups (C) and fitting ends (FTG) size description are

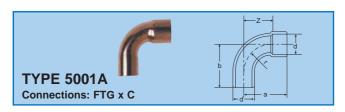
expressed in outside diameter (OD) tube size.
All National Pipe Threads (NPT) are expressed in standard female NPT (FPT) and male NPT (MPT).

Note: According to the PED Directive 97/23/EC all open ended copper tubes and fittings as supplied by ITE will be classified in the SEP (Sound Engineering Practices) category by reference to article 3 paragraph 3 of the PED. A CE mark cannot be applied to these tubes and fittings, because all appropriate manufacturing operations such as bending, connection (soldering) and heat treatment have not been completed, as they will be completed in the field, during installation process, to render them fit for their intended purpose.



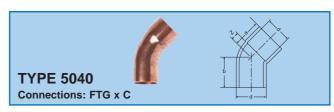


#### LONG 90° RADIUS STREET ELBOW



Cat. No.	Connections	Dimensions (mm)		n)	
	d	а	b	r	Z
5001A-06	06 mm	14	16	7	7
5001A-08	08 mm	18	20	10	10
5001A-10	10 mm	21	23	12	12
5001A-12	12 mm	24	26	15	15
5001A-14	14 mm	30	32	18	18
5001A-15	15 mm	30	32	18	18
5001A-16	16 mm	30	31	17	17
5001A-18	18 mm	36	38	22	22
5001A-22	22 mm	43	45	27	27
5001A-28	28 mm	53	55	34	34
5001A-35	35 mm	67	69	43	43
5001A-42	42 mm	79	81	51	51
5001A-54	54 mm	99	101	65	65
5001A-64	64 mm	112	115	78	78
5001A-67	67 mm	116	119	81	81
5001A-70	70 mm	120	123	85	85
5001A-76	76 mm	127	130	92	92
5001A-80	80 mm	134	137	121	121
5001A-89	89 mm	147	150	108	108
5001A-108	108 mm	179	182	131	131
5001A-133	133 mm	212	217	177	177

#### **45° STREET ELBOW**



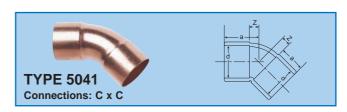
Cat. No.	Connections d	Dii a	mensions (r b	nm) Z
5040-06	06 mm	9	11	3
5040-08	08 mm	11	13	4
5040-10	10 mm	12	14	4
5040-12	12 mm	14	16	5
5040-14	14 mm	16,5	16,5	5,5
5040-15	15 mm	17	19	6
5040-16	16 mm	18	20	7
5040-18	18 mm	20	22	7
5040-22	22 mm	25	27	9
5040-28	28 mm	29	31	10
5040-35	35 mm	37	39	14
5040-42	42 mm	42	44	15
5040-54	54 mm	52	54	20
5040-64	64 mm	62	65	27
5040-67	67 mm	65	68	28,5
5040-76	76 mm	68	71	32
5040-80	80 mm	83	85	48
5040-89	89 mm	78	81	37,5
5040-108	108 mm	110	113	60
5040-133	133 mm	280	280	235

### **LONG 90° RADIUS ELBOW**



Cat. No.	Connections	Dimensions (mm)			
	d	а	r	Z	
5002A-06	06 mm	13	7,2	7,2	
5002A-08	08 mm	16,5	9,6	9,6	
5002A-10	10 mm	20	12	12	
5002A-12	12 mm	23	14,4	14,4	
5002A-14	14 mm	29	18	18	
5002A-15	15 mm	29	18	18	
5002A-16	16 mm	29	18	18	
5002A-18	18 mm	34,5	21,6	21,6	
5002A-22	22 mm	42	26,4	26,4	
5002A-28	28 mm	52	33,6	33,6	
5002A-35	35 mm	65	42	42	
5002A-42	42 mm	77,5	50,4	50,4	
5002A-54	54 mm	97	64,8	64,8	
5002A-64	64 mm	109,5	76,8	76,8	
5002A-67	67 mm	117	84	84	
5002A-70	70 mm	138	105	105	
5002A-76	76 mm	125	91,3	91,3	
5002A-80	80 mm	153	120	120	
5002A-89	89 mm	144,5	106,7	106,7	
5002A-108	108 mm	177	129,6	129,6	
5002A-133	133 mm	212	177	177	
5002A-159	159 mm	262	227	227	

#### 45° ELBOW



Cat. No.	Connections d	Dimensions (mm) d a Z		
5041-06	06 mm	6	9	3
5041-08	08 mm	8	11	4
5041-10	10 mm	10	12	4
5041-12	12 mm	12	14	5
5041-14	14 mm	14	16,5	5,5
5041-15	15 mm	15	17	6
5041-16	16 mm	16	18	7
5041-18	18 mm	18	20	7
5041-22	22 mm	22	25	9
5041-28	28 mm	28	29	10
5041-35	35 mm	35	37	14
5041-42	42 mm	42	42	15
5041-54	54 mm	54	52	20
5041-64	64 mm	64	62	27
5041-67	67 mm	67	65	28,5
5041-76	76 mm	76	68	32
5041-80	80 mm	80	83	48
5041-89	89 mm	89	78	37,5
5041-108	108 mm	108	110	60
5041-133	133 mm	133	280	235
5041-159	159 mm	159	335	290

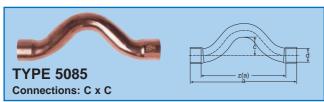


#### **RETURN BEND**



Cat. No.	Connections	3	Dimensions (mm)				
	d	а	С	r	z		
5060-08	08 mm	20	24	12	12		
5060-12	12 mm	28	36	18	17		
5060-14	14 mm	33,5	45	22,5	22,5		
5060-15	15 mm	34,5	45	22,5	22,5		
5060-16	16 mm	37	48	24	24		
5060-18	18 mm	41	54	27	27		
5060-22	22 mm	48	66	33	31		
5060-28	28 mm	60	84	42	40		
5060-35	35 mm	95	140	70	70		
5060-42	42 mm	112	168	84	83		
5060-54	54 mm	140	216	108	106		

#### **CROSSOVER COUPLINGS**



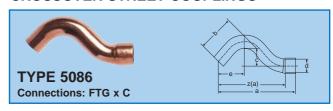
Cat. No.	Connections	Dir	mensions (	mm)
	d	а	С	z(a)
5085-12	12 mm	100	20	82
5085-14	14 mm	112	20	90
5085-15	15 mm	113	20	91
5085-16	16 mm	113	20	91
5085-18	18 mm	122	20	96
5085-22	22 mm	145	23	113

#### 90° RADIUS ELBOW



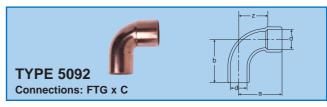
Cat. No.	Connection d	is a	Dime z	ensions b	(mm) z(a)	z(b)
5090-06	06 mm	13	7,2			
5090-08	08 mm	12,5	5,5			
5090-10	10 mm	15	7			
5090-12	12 mm	16,5	7,5			
5090-14	14 mm	19,5	8,5			
5090-15	15 mm	22	11			
5090-16	16 mm	24	13			
5090-18	18 mm	25,5	12,5			
5090-22	22 mm	30	14			
5090-28	28 mm	36,5	17,5			
5090-35	35 mm	46	23			
5090-42	42 mm	55	28			
5090-54	54 mm	70	38			
5090-64	64 mm	83,5	51			
5090-76	76 mm	91,5	58			
5090-89	89 mm	105	67,5			
5090-108	108 mm	127	79,5			
5090-15-12	15-12 mm	22		24,5	10	12,5
5090-18-15	18-15 mm	25		25	11	15
5090-22-15	22-15 mm	32		33	15	21
5090-22-18	22-18 mm	32		34	15	20

#### **CROSSOVER STREET COUPLINGS**



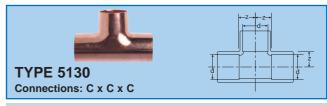
z(a)
76
83
81
83
88
106

#### SHORT 90° RADIUS STREET ELBOW



Cat. No.	Connections	Dir	mm)	
	d	d	a `	Ź
		•	•	_
5092-06	06 mm	14	16	7,2
5092-08	08 mm	12,5	15,5	5,5
5092-10	10 mm	19	22	10
5092-12	12 mm	17	20	8
5092-14	14 mm	20,5	23	9,5
5092-15	15 mm	23	25	11
5092-16	16 mm	25	28,5	13
5092-18	18 mm	26,5	27	12,5
5092-22	22 mm	31	33	14
5092-28	28 mm	37,5	39,5	17,5
5092-35	35 mm	47	54	24
5092-42	42 mm	56	66	29
5092-54	54 mm	71	82	39

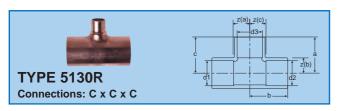
#### **TEES**



COMMODITORIO			<u> </u>
Cat. No.	Connections d	Dimensio a	ons (mm) z
5130-06	06 mm	10	4
5130-08	08 mm	12	5
5130-10	10 mm	14	6
5130-12	12 mm	16	7
5130-14	14 mm	19	8
5130-15	15 mm	19	8
5130-16	16 mm	20	9
5130-18	18 mm	23	10
5130-22	22 mm	28	12
5130-28	28 mm	34	15
5130-35	35 mm	42	19
5130-42	42 mm	50	23
5130-54	54 mm	61	29
5130-64	64 mm	73	40
5130-67	67 mm	72	38
5130-76	76 mm	80	46
5130-89	89 mm	92	54
5130-108	108 mm	112	64
5130-133	133 mm	135	85
5130-159	159 mm	160	100



#### **REDUCING TEES**



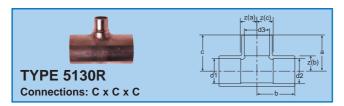
Cat. No.	Connection d1-d2-d3	ns a	b	)imens		(mm) z(b)	
5130R-06-08B-06	06-08-06	13	12	13	7	5	7
5130R-06-10B-06	06-10-06	14	14	14	8	6	8
5130R-08-06B-06	08-06-06	12	11	12	5	5	6
5130R-08-06B-08	08-06-08	12	11	12	5	5	5
5130R-08-10B-08	08-10-08	15	14	15	8	6	8
5130R-10-06B-10 5130R-10-08B-08	10-06-10 10-08-08	14 14	12 13	14 14	6 6	6 6	6 7
5130R-10-06B-06 5130R-10-08B-10	10-08-08	14	13	14	6	6	6
5130R-10-00B-10	10-08-10	14	14	15	6	6	8
5130R-10-12B-10	10-12-10	16,5	16	16,5	8,5	7	8,5
5130R-10-15B-10	10-15-10	19	18,5	19	11	7,5	11
5130R-12-06B-12	12-06-12	15	14,5	15	6	8,5	6
5130R-12-08B-12	12-08-12	15	14	15	6	7	6
5130R-12-10B-10	12-10-10	15	15	16,5	6	7	8,5
5130R-12-10B-12 5130R-12-12B-10	12-10-12 12-12-10	15 16	15 16	15 17,5	6 7	7 7	6 9
5130R-12-12B-10 5130R-12-14B-12	12-12-10	19	19	17,5	10	8	9 10
5130R-12-14B-12	12-14-12	19,5	19	19,5	10,5	8	10,5
5130R-12-16B-12	12-16-12	20	19,5	20	11	8,5	11
5130R-12-18B-12	12-18-12	23	23	23	14	10	14
5130R-12-22B-12	12-22-12	27	28	27	18	12	18
5130R-14-10B-14	14-10-14	17	16	17	6	8	6
5130R-14-12B-12	14-12-12	18	17	18	7	8	9
5130R-14-12B-14 5130R-14-14B-12	14-12-14 14-14-12	18 19	17 19	18 20	7 8	8 8	7 10
5130R-14-14B-12 5130R-14-16B-12	14-14-12	21	19,5	20	8 10	8,5	11
5130R-14-16B-12	14-16-12	21,5	19,5	21,5	10,5	8,5	10,5
5130R-14-18B-14	14-18-14	23,5	23	23,5	12,5	10	12,5
5130R-14-22B-14	14-22-14	27,5	27	27,5	16,5	11	16,5
5130R-15-06B-15	15-06-15	16	16,5	16	5	10,5	5
5130R-15-08B-15	15-08-15	16	16	16	5	9	5
5130R-15-10B-10	15-10-10	17	16,5	17	6	8,5	9
5130R-15-10B-12 5130R-15-10B-15	15-10-12 15-10-15	17 17	16,5 17	18 17	6 6	8,5 9	9 6
5130R-15-10B-15 5130R-15-12B-10	15-10-15	18	18	17	7	9	0 11
5130R-15-12B-10	15-12-12	18	18	18	7	9	9
5130R-15-12B-15	15-12-15	18	18	18	7	9	7
5130R-15-15B-10	15-15-10	19	19	19	8	8	11
5130R-15-15B-12	15-15-12	19	19	19	8	8	10
5130R-15-18B-15	15-18-15	23	23	23	12	10	12
5130R-15-22B-15 5130R-15-28B-15	15-22-15 15-28-15	27 33	28 34	27 33	16 22	12 15	16 22
5130R-15-26B-15 5130R-16-06B-16	16-06-16	33 16,5		აა 16,5	5,5	9,5	5,5
5130R-16-10B-16	16-10-16	17	17	17	6	9	6
5130R-16-12B-12	16-12-12	18	18	18	7	9	9
5130R-16-12B-14	16-12-14	18	18	20,5	7	9	9,5
5130R-16-12B-16	16-12-16	18	18	18	7	9	7
5130R-16-14B-12	16-14-12	19	20	19	8	9	10
5130R-16-14B-14 5130R-16-14B-16	16-14-14 16-14-16	19 19	20 20	20 19	8 8	9 9	9 8
5130R-16-14B-16 5130R-16-16B-12	16-14-16	20	20	20	9	9	o 11
5130R-16-16B-14	16-16-14	20	20	21	9	9	10
5130R-16-18B-14	16-18-14	22,5	23	23	11,5	10	12
5130R-16-18B-16	16-18-16	22,5	23	22,5	11,5	10	11,5
5130R-16-22B-16	16-22-16	26,5	28	26,5	15,5	12	15,5
5130R-18-06B-18	18-06-18	20	17	20	7	11	7
5130R-18-10B-18	18-10-18	20,5	18	20,5	7,5	10	7,5
5130R-18-12B-12 5130R-18-12B-14	18-12-12 18-12-14	20 20	19 19	19,5 20	7 7	10 10	10,5 9
5130R-18-12B-14 5130R-18-12B-15	18-12-14	20	19	20	7	10	9
5130R-18-12B-15	18-12-16	20	19	19,5	7	10	8,5
5130R-18-12B-18	18-12-18	21	19	21	8	10	8
5130R-18-14B-12	18-14-12	21	21	20	8	10	11

# **REDUCING TEES (CONTINUED)**

Cat. No.	Connection	is a	b b	Dimens c			) z(c)
5130R-18-14B-14	18-14-14	21	21	21	<b>2(a)</b> 8	10	10
5130R-18-14B-16	18-14-16	21	21	21	8	10	10
5130R-18-14B-18 5130R-18-15B-12	18-14-18 18-15-12	21 22	21 21	21 20	8 9	10 10	8 11
5130R-18-15B-15	18-15-12	22	21	22	9	10	11
5130R-18-15B-18	18-15-18	21	21	21	8	10	8
5130R-18-16B-14 5130R-18-16B-16	18-16-14 18-16-16	22 22	21 21	22 22	9 9	10 10	11 11
5130R-18-16B-18	18-16-18	22	21	22	9	10	9
5130R-18-18B-10	18-18-10	23	23	22	10	10	14
5130R-18-18B-12 5130R-18-18B-14	18-18-12 18-18-14	23 23	23 23	21 23	10 10	10 10	13 12
5130R-18-18B-15	18-18-15	23	23	23	10	10	12
5130R-18-18B-16	18-18-16	23	23	23	10	10	12
5130R-18-22B-15 5130R-18-22B-18	18-22-15 18-22-18	27,5 27,5	28 28	27 27,5	14,5 14,5	12 12	16 14,5
5130R-18-28B-18	18-28-18	33,5	34	33,5	20,5	15	20,5
5130R-22-06B-22 5130R-22-10B-22	22-06-22 22-10-22	23 23	21 21	23 23	7 7	15 13	7 7
5130R-22-10B-22 5130R-22-12B-12	22-10-22	23	21	21	7	12	12
5130R-22-12B-14	22-12-14	23	21	22	7	12	11
5130R-22-12B-15 5130R-22-12B-18	22-12-15 22-12-18	23 23	21 21	22 23	7 7	12 12	11 10
5130R-22-12B-10	22-12-10	23	21	23	7	12	7
5130R-22-14B-14	22-14-14	24	23	23	8	12	12
5130R-22-14B-16 5130R-22-14B-18	22-14-16 22-14-18	24 24	23 23	23 24	8 8	12 12	12 11
5130R-22-14B-22	22-14-22	24	23	24	8	12	8
5130R-22-15B-12 5130R-22-15B-15	22-15-12 22-15-15	25 25	23 23	22,5 24	9	12 12	13,5
5130R-22-15B-15 5130R-22-15B-18	22-15-15	25 25	24	25	9 9	12	13 12
5130R-22-15B-22	22-15-22	25	23	25	9	12	9
5130R-22-16B-16 5130R-22-16B-18	22-16-16 22-16-18	25 25	23 23	23,5 24	9	12 12	12,5 11
5130R-22-16B-22	22-16-22	25	23	25	9	12	9
5130R-22-18B-12 5130R-22-18B-14	22-18-12 22-18-14	26 26	25 25	24 25	10	12 12	15 14
5130R-22-18B-15	22-16-14	26	25	25 25	10 10	12	14
5130R-22-18B-16	22-18-16	26	25	25	10	12	14
5130R-22-18B-18 5130R-22-18B-22	22-18-18 22-18-22	27 27	25 25	26 27	11 11	12 12	13 11
5130R-22-22B-12	22-22-12	28	28	26	12	12	17
5130R-22-22B-14 5130R-22-22B-15	22-22-14 22-22-15	28 28	28 28	27 27	12 12	12 12	16 16
5130R-22-22B-15 5130R-22-22B-16	22-22-13	28	28	26,5	12	12	15,5
5130R-22-22B-18	22-22-18	28	28	27	12	12	14
5130R-22-28B-15 5130R-22-28B-22	22-28-15 22-28-22	35 35	34 34	33 35	19 19	15 15	22 19
5130R-22-35B-22	22-35-22	43	42	43	27	19	27
5130R-28-10B-28	28-10-28	27	26	27	8	18	8
5130R-28-12B-28 5130R-28-14B-28	28-12-28 28-14-28	26 27	24 26	26 27	7 8	15 15	7 8
5130R-28-15B-15	28-15-15	28	26	26,5	9	15	15,5
5130R-28-15B-18 5130R-28-15B-22	28-15-18 28-15-22	28 28	26 26	27 28,5	9 9	15 15	14 12,5
5130R-28-15B-28	28-15-28	28	26	28	9	15	9
5130R-28-16B-16	28-16-16	28	26	32	9	15	21
5130R-28-16B-28 5130R-28-18B-15	28-16-28 28-18-15	28 29	26 28	28 28	9 10	15 15	9 17
5130R-28-18B-18	28-18-18	29	28	28,5	10	15	15,5
5130R-28-18B-22 5130R-28-18B-28	28-18-22 28-18-28	29	28 28	30	10	15	14
5130R-28-16B-26 5130R-28-22B-15	28-22-15	29 31	31	29 30	10 12	15 15	10 19
5130R-28-22B-18	28-22-18	31	31	30,5	12	15	17,5
5130R-28-22B-22 5130R-28-22B-28	28-22-22 28-22-28	31 31	31 31	32 31	12 12	15 15	16 12
5130R-28-28B-12	28-28-12	34	34	33	15	15	24
5130R-28-28B-15	28-28-15	34	34	33	15 15	15	22
5130R-28-28B-16 5130R-28-28B-18	28-28-16 28-28-18	34 34	34 34	34 33,5	15 15	15 15	23 20,5
5130R-28-28B-22	28-28-22	34	34	35	15	15	19

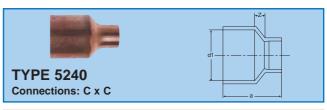


#### **REDUCING TEES (CONTINUED)**



Cat. No.	Connection	S	s Dimensions (m		ions (mm)	nm)	
	d1-d2-d3	а	b	С	z(a) z(b) z(c	)	
5130R-28-35B-28	28-35-28	43,5	42	43,5	24,5 19 24,	5	
5130R-35-15B-28	35-15-28	32,5	30	34	9,5 19 15		
5130R-35-15B-35	35-15-35	32,5	30	32,5	9,5 19 9,5		
5130R-35-18B-28	35-18-28	34	32	35	11 19 16		
5130R-35-18B-35	35-18-35	34	32	34	11 19 11		
5130R-35-22B-22	35-22-22	36	35	37,5	13 19 21,	5	
5130R-35-22B-28	35-22-28	36	35	37	13 19 18		
5130R-35-22B-35	35-22-35	36	35	36	13 19 13		
5130R-35-28B-22	35-28-22	38	38	40	15 19 24		
5130R-35-28B-28	35-28-28	38	38	40	15 19 21		
5130R-35-28B-35	35-28-35	38	38	38	15 19 15		
5130R-35-35B-15	35-35-15	42	41	42	19 18 31		
5130R-35-35B-18	35-35-18	42	41	42	19 18 29		
5130R-35-35B-22	35-35-22	42	42	42,5	19 19 26,		
5130R-35-35B-28	35-35-28	42	42	42,5	19 19 23,		
5130R-35-42B-35	35-42-35	49,5	50	49,5	26,5 23 26,5		
5130R-42-15B-42 5130R-42-18B-42	42-15-42 42-18-42	36,5 38	34 36	36,5 38	9,5 23 9,5 11 23 11		
5130R-42-18B-42 5130R-42-22B-35	42-18-42	38 40,5	36 39	38 40,5	13,5 23 17,		
5130R-42-22B-42	42-22-33	40,3	39	40,3	13 23 13		
5130R-42-28B-28	42-22-42	42,5	42	43	15,5 23 24		
5130R-42-28B-35	42-28-35	42,5	42	44	15,5 23 19		
5130R-42-28B-42	42-28-42	43	42	43	16 23 16		
5130R-42-35B-28	42-35-28	46	46	46	19 23 27		
5130R-42-35B-35	42-35-35	46	46	46,5	19 23 23,		
5130R-42-35B-42	42-35-42	46,5	46	46,5	19,5 23 19,	5	
5130R-42-42B-22	42-42-22	50	50	49	23 23 33		
5130R-42-42B-28	42-42-28	50	50	50	23 23 31		
5130R-42-42B-35	42-42-35	50	50	50	23 23 27		
5130R-42-54B-42	42-54-42	62	61	62	35 29 35		
5130R-54-15B-54	54-15-54	41,5	40	41,5	9,5 29 9,5		
5130R-54-18B-54	54-18-54	43	42	43	11 29 11		
5130R-54-22B-42	54-22-42	46	45	47	14 29 20		
5130R-54-22B-54	54-22-54	45	45	45	13 29 13		
5130R-54-28B-42 5130R-54-28B-54	54-28-42 54-28-54	49 48	48 48	49,5 48	17 29 22, 16 29 16		
5130R-54-26B-34 5130R-54-35B-35	54-26-34	52	52	51	20 29 28		
5130R-54-35B-42	54-35-42	51	52	53	19 29 26		
5130R-54-35B-54	54-35-54	51,5	52	51,5	19,5 29 19,		
5130R-54-42B-42	54-42-42	55	56	56,5	23 29 29,		
5130R-54-42B-54	54-42-54	55	56	55	23 29 23		
5130R-54-54B-42	54-54-42	61	61	62	29 29 35		
5130R-64-35B-64	64-35-64	58,5	64	58,5	25,5 40 25,	5	
5130R-64-42B-64	64-42-64	62	68	62	29 40 29		
5130R-64-54B-64	64-54-64	67	70	67	34 37 34		
5130R-76-35B-76	76-35-76	59,5	70	59,5	25,5 46 25,		
5130R-76-42B-76	76-42-76	63	74	63	29 46 29		
5130R-76-54B-76	76-54-76	69	79	69	35 46 35		
5130R-76-64B-76	76-64-76	74 61 5	79 74 5	74 61 5	40 46 40		
5130R-89-35B-89 5130R-89-42B-89	89-35-89	61,5	74,5	61,5	23,5 50,5 23,5 30.5 54 30.5		
5130R-89-42B-89 5130R-89-54B-89	89-42-89 89-54-89	68,5 74,5	82 87	68,5 74,5	,,		
5130R-89-64B-89	89-64-89	74,5	87	74,5 79,5	36,5 54 36,5 41,5 54 41,5		
5130R-89-76B-89	89-76-89	85,5	88	85,5	47,5 54 47,5		
5130R-108-54B-108			97	85	37 64 37		
5130R-108-64B-108			97	90	42 64 42		
5130R-108-76B-108			98	96	48 64 48		
5130R-108-89B-108				102,5	54,5 64 54,		
5130R-133-108B-13			142	139	89 94,5 89		

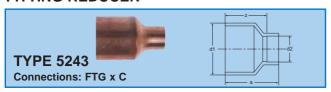
#### **REDUCING COUPLING**



Cat. No.	Connections d1-d2	Dimensions (mm) a Z
5240-08-06	08-06 mm	15 2
5240-10-06	10-06 mm	17 3
5240-10-08	10-08 mm	17 2,5
5240-12-06	12-06 mm	19 4
5240-12-08	12-08 mm	19 3
5240-12-10	12-10 mm	20 3
5240-14-10	14-10 mm	23 4
5240-14-12	14-12 mm	22 2,5
5240-15-08	15-08 mm	23 5
5240-15-10	15-10 mm	23 4
5240-15-12	15-12 mm	23 3
5240-15-14	15-14 mm	24 2,5
5240-16-10	16-10 mm	24 5
5240-16-12	16-12 mm	25 4,5
5240-16-14	16-14 mm	25 3
5240-16-15 5240-18-10	16-15 mm	23 1 26 5
5240-18-10	18-10 mm 18-12 mm	27 5
5240-18-14	18-14 mm	27 3,5
5240-18-15	18-15 mm	27 3
5240-18-16	18-16 mm	27 3
5240-22-10	22-10 mm	32 8
5240-22-12	22-12 mm	32 7
5240-22-14	22-14 mm	33 6
5240-22-15	22-15 mm	32 5
5240-22-16	22-16 mm	32 5
5240-22-18	22-18 mm	31 3
5240-28-12	28-12 mm	39 11
5240-28-14	28-14 mm	39 9
5240-28-15	28-15 mm	39 9
5240-28-16	28-16 mm	38 8
5240-28-18	28-18 mm	38 7
5240-28-22 5240-35-15	28-22 mm 35-15 mm	39 5 46 12
5240-35-18	35-18 mm	46 10
5240-35-22	35-22 mm	47 8,5
5240-35-28	35-28 mm	47 5
5240-42-18	42-18 mm	54 14
5240-42-22	42-22 mm	56 13
5240-42-28	42-28 mm	56 10
5240-42-35	42-35 mm	56 6
5240-54-22	54-22 mm	69 21
5240-54-28	54-28 mm	69 18
5240-54-35	54-35 mm	68 13
5240-54-42	54-42 mm	70 11
5240-64-35	64-35 mm	75 15
5240-64-42 5240-64-54	64-42 mm 64-54 mm	77 13 75 10
5240-67-54	67-54 mm	85 16
5240-70-54	70-54 mm	81 11
5240-70-64	70-64 mm	82 11
5240-76-54	76-54 mm	81 11
5240-76-64	76-64 mm	77 11
5240-76-70	76-70 mm	83 11
5240-80-54	80-54 mm	81 11
5240-80-64	80-64 mm	82 11
5240-80-70	80-70 mm	83 11
5240-80-76	80-76 mm	83 11
5240-89-76	89-76 mm	83 12
5240-108-89	108-89 mm	100 15
5240-133-76	133-76 mm	110 41
5240-133-108	133-108 mm	106 23
5240-159-108 5240-159-133	159-108 mm 159-133 mm	130 47 119 49
3240-139-133	109-133 11111	119 49

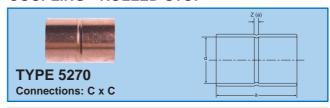


#### FITTING REDUCER



Cat. No.	Connections d1-d2	Dimensio a	ons (mm) z
5243-08-06	08-06 mm	16	10
5243-10-06 5243-10-08	10-06 mm 10-08 mm	18 17,5	12 10
5243-12-06	12-06 mm	21	15
5243-12-08	12-08 mm	20	13
5243-12-10 5243-14-10	12-10 mm 14-10 mm	19,5 22	11,5 14
5243-14-12	14-12 mm	22	13
5243-15-08 5243-15-10	15-08 mm 15-10 mm	24 24	17 16
5243-15-10	15-12 mm	24	15
5243-15-14 5243-16-10	15-14 mm	25	14
5243-16-10	16-10 mm 16-12 mm	25 25	17 16
5243-16-14	16-14 mm	26	15
5243-16-15 5243-18-10	16-15 mm 18-10 mm	25 27	14 19
5243-18-12	18-12 mm	27	18
5243-18-14 5243-18-15	18-14 mm 18-15 mm	29 29	18 18
5243-18-16	18-16 mm	28	17
5243-22-10 5243-22-12	22-10 mm 22-12 mm	33 33	25 24
5243-22-12	22-12 mm	34	23
5243-22-15	22-15 mm	34	23
5243-22-16 5243-22-18	22-16 mm 22-18 mm	33,5 35	22,5 22
5243-28-12	28-12 mm	41	32
5243-28-14 5243-28-15	28-14 mm 28-15 mm	42 39	31 28
5243-28-16	28-16 mm	40	29
5243-28-18 5243-28-22	28-18 mm 28-22 mm	39 42	26 26
5243-35-15	35-15 mm	50	38
5243-35-18 5243-35-22	35-18 mm 35-22 mm	47 48	34 32
5243-35-28	35-28 mm	49	30
5243-42-15 5243-42-18	42-15 mm 42-18 mm	59,5 57	47,5 44
5243-42-22	42-22 mm	56	40
5243-42-28 5243-42-35	42-28 mm 42-35 mm	56 57	37 34
5243-54-22	54-22 mm	68	52
5243-54-28 5243-54-35	54-28 mm 54-35 mm	67 68	48 45
5243-54-42	54-42 mm	69	42
5243-64-35 5243-64-42	64-35 mm 64-42 mm	71 75	46 46
5243-64-54	64-54 mm	75 75	43
5243-67-35 5243-67-42	67-35 mm	79	56
5243-67-42 5243-67-54	67-42 mm 67-54 mm	88 80	58 48
5243-70-54	70-54 mm 70-64 mm	77 70	43
5243-70-64 5243-76-35	76-35 mm	79 88	44 65
5243-76-42	76-42 mm	86	59
5243-76-54 5243-76-64	76-54 mm 76-64 mm	82 77	50 44
5243-76-70	76-70 mm	80	44
5243-80-54 5243-80-64	80-54 mm 80-64 mm	84 79	50 44
5243-80-67	80-67 mm	78,5	42,5
5243-89-76 5243-108-54	89-76 mm 108-54 mm	84 116	50 84
5243-108-64	108-64 mm	110	78
5243-108-76 5243-108-89	108-76 mm 108-89 mm	120 100	86 62
5243-133-76	133-76 mm	122	89
5243-133-89 5243-133-108	133-89 mm 133-108 mm	108 105	71 58
5243-159-108	159-108 mm	159	112
5243-159-133	159-133 mm	160	125

#### **COUPLING - ROLLED STOP**



Cat. No.	Connections d	Dimens a	sions (mm) Z (a)
5270-06	06 mm	14	1
5270-08	08 mm	16	1
5270-10	10 mm	18	1
5270-12	12 mm	20	1,5
5270-14	14 mm	24	1,5
5270-15	15 mm	24	1,5
5270-16	16 mm	24	1,5
5270-18	18 mm	28	1,5
5270-22	22 mm	33	1,5
5270-28	28 mm	39	1,5
5270-35	35 mm	48	1,5
5270-42	42 mm	58	2
5270-54	54 mm	68	2
5270-64	64 mm	67	2 2
5270-67	67 mm	69	2
5270-70	70 mm	67	2
5270-76	76 mm	69	2
5270-80	80 mm	72	2 2
5270-89	89 mm	77	2
5270-108	108 mm	97	2
5270-133	133 mm	82	12
5270-159	159 mm	82	12

#### **COUPLING - NO STOP**



5270S-12     12 mm     20       5270S-15     15 mm     24       5270S-18     18 mm     28       5270S-22     22 mm     33       5270S-28     28 mm     38       5270S-35     35 mm     48,5       5270S-42     42 mm     58	Cat. No.	Connections d	Dimensions (mm) a
5270\$-18     18 mm     28       5270\$-22     22 mm     33       5270\$-28     28 mm     38       5270\$-35     35 mm     48,5	5270S-12	12 mm	20
5270\$-22     22 mm     33       5270\$-28     28 mm     38       5270\$-35     35 mm     48,5	5270S-15	15 mm	24
5270\$-28     28 mm     38       5270\$-35     35 mm     48,5	5270S-18	18 mm	28
<b>5270S-35</b> 35 mm 48,5	5270S-22	22 mm	33
	5270S-28	28 mm	38
<b>52709 42</b> 42 mm	5270S-35	35 mm	48,5
<b>32/03-42</b> 42 IIIII 50	5270S-42	42 mm	58
<b>5270S-54</b> 54 mm 68	5270S-54	54 mm	68

### CAP



Cat. No.	Connections d	Dimensions (mm) a
5301-10	10 mm	9
5301-12	12 mm	10
5301-14	14 mm	11
5301-15	15 mm	12
5301-16	16 mm	13
5301-18	18 mm	14
5301-22	22 mm	17
5301-28	28 mm	20
5301-35	35 mm	25
5301-42	42 mm	29
5301-54	54 mm	34
5301-64	64 mm	35
5301-67	67 mm	35
5301-76	76 mm	36
5301-89	89 mm	40
5301-108	108 mm	50



1002-BC see Service manifolds, gauges and charging hoses 1002-BC/247 see Service manifolds, gauges and charging hoses 1002-BC/247 see Service manifolds, gauges and charging hoses 1198-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2001-VG see Service manifolds, gauges and charging hoses 1198-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 203-FA see Tube working tools 1198-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1002-BPC/410 see Service manifolds, gauges and charging hoses 1208-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1002-BPC/410 see Service manifolds, gauges and charging hoses 1208-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1002-BPC/410 see Service manifolds, gauges and charging hoses 1208-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1208-B-04x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-252 see Fluid control components 1004-BC see Service manifolds, gauges and charging hoses 1208-B-04x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1208-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control comp	
1002-BC/247 see Service manifolds, gauges and charging hoses 119-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2001-VG see Service manifolds, gauges and charging hoses 119-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2014-BT-2 see Fluid control components 1002-BC/4 see Service manifolds, gauges and charging hoses 119-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1002-BPC/410 see Service manifolds, gauges and charging hoses 120-B-04x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2 see Fluid control components 1002-BPC/410/27 see Service manifolds, gauges and charging hoses 1002-BPC/410/27 see Service manifolds, gauges and charging hoses 120-B-04x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2S2 see Fluid control components 1003-BPC/410/27 see Evacuating and charging equipment 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 1004-BC see Service manifolds, gauges and charging hoses 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 2041-BT	
1002-BPC/410/27 see Service manifolds, gauges and charging hoses 120-B-04x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-2S2 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT 45" SAE" 2041-BT-3 see Fluid control components 120-B-06x04 see Forged brass & steel fittings "NPT 45" SAE" 2	
1004-BC/4 see Service manifolds, gauges and charging hoses 1004-BC/47 see Service manifolds, gauges and charging hoses 121-B-02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-3S3 see Fluid control components 1004-BPC/410 see Service manifolds, gauges and charging hoses 121-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-4 see Fluid control components 1004-BPC/410 see Service manifolds, gauges and charging hoses 121-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-4 see Fluid control components 1004-BPC/410/27 see Service manifolds, gauges and charging hoses 121-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-4S4 see Fluid control components 1004-BPC/410/27 see Service manifolds, gauges and charging hoses 121-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-4S4 see Fluid control components	
100-B-02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 100-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 122-B-02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-4S5 see Fluid control components 100-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 122-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 100-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Service manifolds, gauges and charging hoses 122-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1022-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Fluid control components 1012-B-C see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 2041-BT-5 see Fluid control components 1012-B-C see Forged brass & steel fittin	
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1014-BPC see Service manifolds, gauges and charging hoses 1014-BPC/410 see Service manifolds, gauges and charging hoses 205-P4 see Refrigeration accessories 206-FB see Tube working tools 1014-BPC/410/27 see Service manifolds, gauges and charging hoses 1014-BPC/410/27 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 101-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1335-BA-03 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 21702-0 see Evacuating and charging equipm 2175-1 see Evacuating and charging equipm	nent
101-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1335-BA-04 see Fluid control components 227-FA see Tube working tools 101-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1335-BA-06 see Fluid control components 2444-RC see Refrigeration accessories 1020-XFC see Copper tubes, coils & solder fittings ("NPT" & "NPT 45" SAE" 1342-BA-06 see Fluid control components 25663 see Electronic measurement and con 102-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-12 see Fluid control components 25663 see Refrigeration accessories 102-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-12 see Fluid control components 25663 see Refrigeration accessories	ntrol instruments
103-B-02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-16 see Fluid control components 25869 see Refrigeration accessories 103-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-20 see Fluid control components 25870 see Refrigeration accessories 103-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-20 see Fluid control components 25870 see Refrigeration accessories 103-B-08 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BA-24 see Fluid control components 250-FHA see Tube working tools 1342-BT-06S06 see Fluid control components 260-FHA see Tube working tools 1342-BT-06S06 see Fluid control components 26880 see Tube working tools	ntrol instruments
104-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1342-BT-06S07 see Fluid control components 220-F-06 see Automatic access valves & fitting 1084-BC see Service manifolds, gauges and charging hoses 1342-BT-06S09 see Fluid control components 270-F-08 see Tube working tools 1270-F-10 see Tube working tools 1342-BT-06S09 see Fluid control components 270-F-10 see Tube working tools 1084-BC/47 see Service manifolds, gauges and charging hoses 1342-BT-06S09 see Fluid control components 270-F-10 see Tube working tools 1342-BT-06S09 see Fluid control components 270-F-10 see Tube working tools 1342-BT-06S09 see Fluid control components 270-F-10 see Tube working tools 1342-BT-06S09 see Fluid control components 270-F-12 see Tube working tools	gs
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109-B-06         see         Forged brass & steel fittings "NPT" & "NPT 45" SAE"         1342-BT-16S21         see         Fluid control components         27808         see         Tube working tools           109-B-08         see         Forged brass & steel fittings "NPT" & "NPT 45" SAE"         1359-FS-04         see         Fluid control components         27808M         see         Tube working tools           110-B-04x02         see         Forged brass & steel fittings "NPT" & "NPT 45" SAE"         1359-FS-06         see         Fluid control components         27810         see         Tube working tools           110-B-06x02         see         Forged brass & steel fittings "NPT" & "NPT 45" SAE"         1359-FS-08         see         Fluid control components         27810M         see         Tube working tools           110-B-06x04         see         Forged brass & steel fittings "NPT" & "NPT 45" SAE"         1359-FS-10         see         Fluid control components         27810M         see         Tube working tools	
110-B-08x02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1359-FS-12 see Fluid control components 27814M see Tube working tools 110-B-08x04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1359-FS-16 see Fluid control components 27814M see Tube working tools 110-B-12x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1602-BC/410 see Service manifolds, gauges and charging hoses 27816M see Tube working tools 110-B-12x06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 160-P5 see Refrigeration accessories 27816M see Tube working tools 27820M	
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113-B-04x32 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-A see Copper tubes, coils & solder fittings (Inch & Metric) 2802-BPC/410 see Service manifolds, gauges and cl 116-B-02 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-04 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Forged brass & steel fittings "NPT" & "NPT 45" SAE" 1802-BPC/410 see Service manifolds, gauges and cl 116-B-06 see Service ma	charging hoses charging hoses charging hoses
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1184-BC/247 see Service manifolds, gauges and charging hoses 1193-S-SP see Tube working tools 2804-BC/27 see Service manifolds, gauges and charging hoses 195-FB see Tube working tools 2804-BC/4 see Service manifolds, gauges and charging hoses 195-FC see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/47 see Service manifolds, gauges and charging hoses 195-FC-SP see Tube working tools 2804-BC/4	charging hoses charging hoses charging hoses



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Part. nr.	Pdf	file	Part. nr.	Pdf	file	Part. nr.	Pdf	file
2804-G-BC/247 2804-G-BC/4 2804-G-BC/447 2804-G-BPC 2805-BC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	2831-BPC/410 2831-BPC/410/27 2851-BC 2851-BC/247 2851-BC/27	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	40200-200 40201-125 40201-125 406-FA 4240-MF	see see see see see	Service manifolds, gauges and charging hoses Evacuating and charging equipment Service manifolds, gauges and charging hoses Tube working tools Copper tubes, coils & solder fittings (Inch & Metric)
2805-BC/247 2805-BC/27 2805-BC/4 2805-BC/447 2805-BPC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	2851-BC/4 2851-BC/447 2851-BPC 2851-BPC/410 2851-BPC/410/27	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging	5001A-06 5001A-08 5001A-10 5001A-108 5001A-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2805-G-BC 2805-G-BC/247 2805-G-BC/4 2805-G-BC/447 2805-G-BPC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	300-CO1 300-CO1 300-FB 312-FC 312-FC-SP	see see see see	Refrigeration accessories Refrigeration accessories Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5001A-133 5001A-14 5001A-15 5001A-16 5001A-18	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2812-BC 2812-BC/247 2812-BC/27 2812-BC/4 2812-BC/447	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	32387 32392 32399 32650 33490	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Tube working tools Refrigeration accessories	5001A-22 5001A-28 5001A-35 5001A-42 5001A-54	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2812-BPC 2812-BPC/410 2812-BPC/410 2812-BPC/410/27 2812-BPC-1.0/410	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	33492 350-FHA 360-FHA 3639 3640	see see see see	Refrigeration accessories Tube working tools Tube working tools Fluid control components Fluid control components	5001A-64 5001A-67 5001A-70 5001A-76 5001A-80	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2812-G-BC 2812-G-BC/247 2812-G-BC/4 2812-G-BC/447 2812-G-BPC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3641 364-FH-02 364-FH-03 364-FHA-04 364-FHA-05	see see see see	Fluid control components Tube working tools	5001A-89 5002A-06 5002A-08 5002A-10 5002A-108	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2814-BC 2814-BC/247 2814-BC/27 2814-BC/4 2814-BC/447	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	364-FHA-06 364-FHA-08 364-FHA-10 364-FHA-12 364-FHA-14	see see see see	Tube working tools	5002A-12 5002A-133 5002A-14 5002A-15 5002A-159	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2814-BPC 2814-G-BC 2814-G-BC/247 2814-G-BC/4 2814-G-BC/447	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	364-FHA-16 364-FHB-04 364-FHB-05 364-FHB-06 364-FHB-08	see see see see	Tube working tools	5002A-16 5002A-18 5002A-22 5002A-28 5002A-35	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2814-G-BPC 2815-BC 2815-BC/247 2815-BC/27 2815-BC/4	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	364-FHBM-06 mm 364-FHBM-08 mm 364-FHBM-10 mm 364-FHBM-12 mm 3700	see see see see	Tube working tools Fluid control components	5002A-42 5002A-54 5002A-64 5002A-67 5002A-70	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2815-BC/447 2815-BPC 2815-G-BC 2815-G-BC/247 2815-G-BC/4	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3701 3702 3703 3704 3706	see see see see	Fluid control components	5002A-76 5002A-80 5002A-89 500-CO1 500-FC	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Refrigeration accessories Tube working tools
2815-G-BC/447 2815-G-BPC 2822-BC 2822-BC/247 2822-BC/27	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	370-FH 3738 375-FS 3810 3817	see see see see	Tube working tools Fluid control components Tube working tools Fluid control components Fluid control components	500-FCM 500-P1 500-P1 500-P5 5040-06	see see see see	Tube working tools Evacuating and charging equipment Refingeration accessories Evacuating and charging equipment Copper tubes, coils & solder fittings (Inch & Metric)
2822-BC/4 2822-BC/447 2822-BPC 2822-BPC/410 2822-BPC/410	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3826 3831 3832 3836 3838	see see see see	Fluid control components	5040-08 5040-10 5040-108 5040-12 5040-133	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2822-BPC/410/27 2822-BPC-1.0/410 2822-G-BC 2822-G-BC/247 2822-G-BC/4	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3839 3840 3841 38610 38760	see see see see	Fluid control components Fluid control components Fluid control components Tube working tools Tube working tools	5040-14 5040-15 5040-16 5040-18 5040-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2822-G-BC/447 2822-G-BPC 2824-BC 2824-BC/247 2824-BC/27	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	38760M 38770 38770M 3HDA-120 3HDA-36	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5040-28 5040-35 5040-42 5040-54 5040-64	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2824-BC/4 2824-BC/447 2824-BPC 2824-G-BC 2824-G-BC/247	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3HDA-48 3HDA-60 3HDA-72 3HDCA-36/410 3HDCA-48/410	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5040-67 5040-76 5040-80 5040-89 5041-06	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2824-G-BC/4 2824-G-BC/447 2824-G-BPC 2825-BC 2825-BC/247	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3HDCA-60/410 3HDCA-72/410 3HDCS-36/410/V 3HDCS-60/410/V 3HDCS-72/410/V	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5041-08 5041-10 5041-108 5041-12 5041-133	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2825-BC/27 2825-BC/4 2825-BC/447 2825-BPC 2825-G-BC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3HDS-36/V 3HDS-60/V 3HDS6-60 3HDS6-60/V 3HDS6-72	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5041-14 5041-15 5041-159 5041-16 5041-18	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2825-G-BC/247 2825-G-BC/4 2825-G-BC/447 2825-G-BPC 2831-BC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	3HDS6-72/V 3HDS-72/V 40190 40192 40193	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	5041-22 5041-28 5041-35 5041-42 5041-54	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
2831-BC/247 2831-BC/27 2831-BC/4 2831-BC/447 2831-BPC	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	40200 40200 40200-125 40200-125 40200-200	see see see see	Evacuating and charging equipment Service manifolds, gauges and charging hoses Evacuating and charging equipment Service manifolds, gauges and charging hoses Evacuating and charging equipment	5041-64 5041-67 5041-76 5041-80 5041-89	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)



Part. nr.	Pdf	file	Pa	rt. nr.	Pdf	file	Part. nr.	Pdf	file
5060-08 5060-12 5060-14 5060-15 5060-16	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-12-10B-12 0R-12-12B-10 0R-12-14B-12 0R-12-15B-12 0R-12-16B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-22-22B-18 5130R-22-28B-15 5130R-22-28B-22 5130R-22-35B-22 5130R-28-10B-28	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5060-18 5060-22 5060-28 5060-35 5060-42	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-12-18B-12 0R-12-22B-12 0R-133-108B-133 0R-14-10B-14 0R-14-12B-12	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-28-12B-28 5130R-28-14B-28 5130R-28-15B-15 5130R-28-15B-18 5130R-28-15B-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5060-54 5085-12 5085-14 5085-15 5085-16	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-14-12B-14 0R-14-14B-12 0R-14-16B-12 0R-14-16B-14 0R-14-18B-14	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-28-15B-28 5130R-28-16B-16 5130R-28-16B-28 5130R-28-18B-15 5130R-28-18B-18	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5085-18 5085-22 5086-12 5086-14 5086-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-14-22B-14 0R-15-06B-15 0R-15-08B-15 0R-15-10B-10 0R-15-10B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-28-18B-22 5130R-28-18B-28 5130R-28-22B-15 5130R-28-22B-18 5130R-28-22B-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5086-16 5086-18 5086-22 5090-06 5090-08	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-15-10B-15 0R-15-12B-10 0R-15-12B-12 0R-15-12B-15 0R-15-15B-10	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-28-22B-28 5130R-28-28B-12 5130R-28-28B-15 5130R-28-28B-16 5130R-28-28B-18	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5090-10 5090-108 5090-12 5090-14 5090-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-15-15B-12 0R-15-18B-15 0R-15-22B-15 0R-15-28B-15 0R-16-06B-16	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-28-28B-22 5130R-28-35B-28 5130R-35-15B-28 5130R-35-15B-35 5130R-35-18B-28	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5090-15-12 5090-16 5090-18 5090-18-15 5090-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-16-10B-16 0R-16-12B-12 0R-16-12B-14 0R-16-12B-16 0R-16-14B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-35-18B-35 5130R-35-22B-22 5130R-35-22B-28 5130R-35-22B-35 5130R-35-28B-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5090-22-15 5090-22-18 5090-28 5090-35 5090-42	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-16-14B-14 0R-16-14B-16 0R-16-16B-12 0R-16-16B-14 0R-16-18B-14	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-35-28B-28 5130R-35-28B-35 5130R-35-35B-15 5130R-35-35B-18 5130R-35-35B-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5090-54 5090-64 5090-76 5090-89 5092-06	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-16-18B-16 0R-16-22B-16 0R-18-06B-18 0R-18-10B-18 0R-18-12B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-35-35B-28 5130R-35-42B-35 5130R-42-15B-42 5130R-42-18B-42 5130R-42-22B-35	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5092-08 5092-10 5092-12 5092-14 5092-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-18-12B-14 0R-18-12B-15 0R-18-12B-16 0R-18-12B-18 0R-18-14B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-42-22B-42 5130R-42-28B-28 5130R-42-28B-35 5130R-42-28B-42 5130R-42-35B-28	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5092-16 5092-18 5092-22 5092-28 5092-35	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-18-14B-14 0R-18-14B-16 0R-18-14B-18 0R-18-15B-12 0R-18-15B-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-42-35B-35 5130R-42-35B-42 5130R-42-42B-22 5130R-42-42B-28 5130R-42-42B-35	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5092-42 5092-54 5130-06 5130-08 5130-10	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-18-15B-18 0R-18-16B-14 0R-18-16B-16 0R-18-16B-18 0R-18-18B-10	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-42-54B-42 5130R-54-15B-54 5130R-54-18B-54 5130R-54-22B-42 5130R-54-22B-54	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130-108 5130-12 5130-133 5130-14 5130-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-18-18B-12 0R-18-18B-14 0R-18-18B-15 0R-18-18B-16 0R-18-22B-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-54-28B-42 5130R-54-28B-54 5130R-54-35B-35 5130R-54-35B-42 5130R-54-35B-54	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130-159 5130-16 5130-18 5130-22 5130-28	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-18-22B-18 0R-18-28B-18 0R-22-06B-22 0R-22-10B-22 0R-22-12B-12	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-54-42B-42 5130R-54-42B-54 5130R-54-54B-42 5130R-64-35B-64 5130R-64-42B-64	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130-35 5130-42 5130-54 5130-64 5130-67	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-22-12B-14 0R-22-12B-15 0R-22-12B-18 0R-22-12B-22 0R-22-14B-14	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-64-54B-64 5130R-76-35B-76 5130R-76-42B-76 5130R-76-54B-76 5130R-76-64B-76	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130-76 5130-89 5130R-06-08B-06 5130R-06-10B-06 5130R-08-06B-06	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-22-14B-16 0R-22-14B-18 0R-22-14B-22 0R-22-15B-12 0R-22-15B-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130R-89-35B-89 5130R-89-42B-89 5130R-89-54B-89 5130R-89-64B-89 5130R-89-76B-89	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130R-08-06B-08 5130R-08-10B-08 5130R-10-06B-10 5130R-10-08B-08 5130R-10-08B-10	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-22-15B-18 0R-22-15B-22 0R-22-16B-16 0R-22-16B-18 0R-22-16B-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5240-08-06 5240-10-06 5240-10-08 5240-108-89 5240-12-06	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130R-10-10B-08 5130R-10-12B-10 5130R-10-15B-10 5130R-108-54B-108 5130R-108-64B-108	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	0R-22-18B-12 0R-22-18B-14 0R-22-18B-15 0R-22-18B-16 0R-22-18B-18	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5240-12-08 5240-12-10 5240-133-108 5240-133-76 5240-14-10	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5130R-108-76B-108 5130R-108-89B-108 5130R-12-06B-12 5130R-12-08B-12 5130R-12-10B-10	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5130 5130 5130	OR-22-18B-22 OR-22-22B-12 OR-22-22B-14 OR-22-22B-15 OR-22-22B-16	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	5240-14-12 5240-15-08 5240-15-10 5240-15-12 5240-15-14	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)



Part. nr.	Pdf file		Part. nr.	Pdf	file	Part. nr.	Pdf	file
5240-159-108	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5243-42-15	see	Copper tubes, coils & solder fittings (Inch & Metric)	68481/TB	see	Tube working tools
5240-159-133	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5243-42-18	see	Copper tubes, coils & solder fittings (Inch & Metric)	68481/TB	see	Tube working tools
5240-16-10 5240-16-12	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-42-22 5243-42-28	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	701501 74760	see see	Tube working tools Tube working tools
5240-16-14	see Copper tubes, coils & solder fi		5243-42-35	see	Copper tubes, coils & solder fittings (Inch & Metric)	74770	see	Tube working tools
5240-16-15	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5243-54-22	see	Copper tubes, coils & solder fittings (Inch & Metric)	75020	see	Tube working tools
5240-18-10	see Copper tubes, coils & solder fi		5243-54-28	see	Copper tubes, coils & solder fittings (Inch & Metric)	75530	see	Tube working tools
5240-18-12	see Copper tubes, coils & solder fi		5243-54-35	see	Copper tubes, coils & solder fittings (Inch & Metric)	75540	see	Tube working tools
5240-18-14 5240-18-15	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-54-42 5243-64-35	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	77510 77520	see see	Tube working tools Tube working tools
5240-18-16 5240-22-10	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-64-42 5243-64-54	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	7885805 7885805	see see	Tube working tools Tube working tools
5240-22-12	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5243-67-35	see	Copper tubes, coils & solder fittings (Inch & Metric)	78931	see	Tube working tools
5240-22-14 5240-22-15	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-67-42 5243-67-54	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	7899205 7931805	see see	Tube working tools Tube working tools
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5240-22-16 5240-22-18	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi			see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	7958301 7958301	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
5240-28-12	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5243-76-35	see	Copper tubes, coils & solder fittings (Inch & Metric)	7958301-HD	see	Service manifolds, gauges and charging hoses
5240-28-14 5240-28-15	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-76-42 5243-76-54	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	7958302 7958302	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
5240-28-16			5243-76-64		Copper tubes, coils & solder fittings (Inch & Metric)	7070405		Tube working tools
5240-28-18	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-76-70	see see	Copper tubes, coils & solder fittings (Inch & Metric)  Copper tubes, coils & solder fittings (Inch & Metric)	7976105 7976107	see see	Tube working tools Tube working tools
5240-28-22	see Copper tubes, coils & solder fi		5243-80-54	see	Copper tubes, coils & solder fittings (Inch & Metric)	800	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-35-15 5240-35-18	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-80-64 5243-80-67	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801000 801001	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-35-22 5240-35-28	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5243-89-76 525-F	see	Copper tubes, coils & solder fittings (Inch & Metric) Tube working tools	801003 801004	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-42-18	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	525-F SP	see	Tube working tools	801005	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-42-22 5240-42-28	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-06 5270-08	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801009 801010	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5240-42-35 5240-54-22	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-10 5270-108	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801011 801017	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-54-28	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270-12	see	Copper tubes, coils & solder fittings (Inch & Metric)	801019	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-54-35 5240-54-42	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-133 5270-14	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801021 801022	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5240-64-35 5240-64-42	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-15 5270-159	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801023 801025	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-64-54	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270-16	see	Copper tubes, coils & solder fittings (Inch & Metric)	801027	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-67-54 5240-70-54	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-18 5270-22	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801028 801029	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-70-64 5240-76-54	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-28 5270-35	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801030 801031	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-76-64	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270-42	see	Copper tubes, coils & solder fittings (Inch & Metric)	801034	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-76-70 5240-80-54	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-54 5270-64	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801035 801036	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5240-80-64 5240-80-70	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-67 5270-70	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801037 801038	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5240-80-76	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270-76	see	Copper tubes, coils & solder fittings (Inch & Metric)	801040	see	Copper tubes, coils & solder fittings (Inch & Metric)
5240-89-76 5243-08-06	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270-80 5270-89	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801047 801049	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5243-10-06 5243-10-08	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270S-12 5270S-15	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801050 801051	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-108-54	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270S-18	see	Copper tubes, coils & solder fittings (Inch & Metric)	801052	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-108-64 5243-108-76	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270S-22 5270S-28	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801055 801056	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5243-108-89 5243-12-06	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5270S-35 5270S-42	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801058 801060	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-12-08	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5270S-54	see	Copper tubes, coils & solder fittings (Inch & Metric)	801062	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-12-10 5243-133-108	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5301-10 5301-108	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801063 801064	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5243-133-76 5243-133-89	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5301-12 5301-14	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801065 801067	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-14-10	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5301-15	see	Copper tubes, coils & solder fittings (Inch & Metric)	801069	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-14-12 5243-15-08	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5301-16 5301-18	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801072 801073	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-15-10 5243-15-12	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi			see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801074 801075	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-15-14	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5301-35	see	Copper tubes, coils & solder fittings (Inch & Metric)	801077	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-159-108 5243-159-133	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi			see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801079 801082	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5243-16-10 5243-16-12	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi			see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801083 801084	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-16-14	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	5301-76	see	Copper tubes, coils & solder fittings (Inch & Metric)	801085	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-16-15 5243-18-10	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		5301-89 536-C02	see	Copper tubes, coils & solder fittings (Inch & Metric) Evacuating and charging equipment	801086 801092	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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5243-18-12 5243-18-14	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		536-C02 536-C16	see see	Service manifolds, gauges and charging hoses Evacuating and charging equipment	801093 801094	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-18-15	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	536-C16	see	Service manifolds, gauges and charging hoses	801095	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-18-16 5243-22-10	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		536-C35 536-C35	see	Evacuating and charging equipment Service manifolds, gauges and charging hoses	801105 801106	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-22-12 5243-22-14	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		540 623-BC/247	see	Inline components and accessories Service manifolds, gauges and charging hoses	801107 801109	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-22-15	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	623-BC/410	see	Service manifolds, gauges and charging hoses	801110	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-22-16 5243-22-18	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		623-BC/447 623-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	801113 801114	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-28-12 5243-28-14	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		623-WG 625-BC/247	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	801115 801116	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-28-15	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	625-BC/410	see	Service manifolds, gauges and charging hoses	801123	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-28-16 5243-28-18	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		625-BC/447 625-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	801124 801125	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-28-22 5243-35-15	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi		625-WG 627-VRP	see see	Service manifolds, gauges and charging hoses Evacuating and charging equipment	801126 801129	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
5243-35-18	see Copper tubes, coils & solder fi	ittings (Inch & Metric)	627-VRP	see	Service manifolds, gauges and charging hoses	801130	see	Copper tubes, coils & solder fittings (Inch & Metric)
5243-35-22 5243-35-28	see Copper tubes, coils & solder fi see Copper tubes, coils & solder fi			see see	Tube working tools Tube working tools	801131 801132	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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Part. nr.	Pdf	file	Part. nr.	Pdf	file	]	Part. nr.	Pdf	file
801133	see	Copper tubes, coils & solder fittings (Inch & Metric)	801378	see	Copper tubes, coils & solder fittings (Inch & Metric)	1 1	802060	see	Copper tubes, coils & solder fittings (Inch & Metric)
801138	see	Copper tubes, coils & solder fittings (Inch & Metric)	801379	see	Copper tubes, coils & solder fittings (Inch & Metric)		802063	see	Copper tubes, coils & solder fittings (Inch & Metric)
801139	see	Copper tubes, coils & solder fittings (Inch & Metric)	801381	see	Copper tubes, coils & solder fittings (Inch & Metric)		802064	see	Copper tubes, coils & solder fittings (Inch & Metric)
801145 801146	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801382 801383	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802065 802067	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801147	see	Copper tubes, coils & solder fittings (Inch & Metric)	801386	see	Copper tubes, coils & solder fittings (Inch & Metric)		802072	see	Copper tubes, coils & solder fittings (Inch & Metric)
801150	see	Copper tubes, coils & solder fittings (Inch & Metric)	801387	see	Copper tubes, coils & solder fittings (Inch & Metric)		802073	see	Copper tubes, coils & solder fittings (Inch & Metric)
801161 801162	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801388 801389	see see	Copper tubes, coils & solder fittings (Inch & Metric)		802074 802075	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801163	see	Copper tubes, coils & solder fittings (find a Metric)	801414	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802077	see	Copper tubes, coils & solder fittings (Inch & Metric)
801164	see	Copper tubes, coils & solder fittings (Inch & Metric)	801425	see	Copper tubes, coils & solder fittings (Inch & Metric)		802078	see	Copper tubes, coils & solder fittings (Inch & Metric)
801165	see	Copper tubes, coils & solder fittings (Inch & Metric)	801431	see	Copper tubes, coils & solder fittings (Inch & Metric)		802082	see	Copper tubes, coils & solder fittings (Inch & Metric)
801170 801171	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801432 801446	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802083 802084	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801172	see	Copper tubes, coils & solder fittings (Inch & Metric)	801447	see	Copper tubes, coils & solder fittings (Inch & Metric)		802085	see	Copper tubes, coils & solder fittings (Inch & Metric)
801173	see	Copper tubes, coils & solder fittings (Inch & Metric)	801463	see	Copper tubes, coils & solder fittings (Inch & Metric)		802086	see	Copper tubes, coils & solder fittings (Inch & Metric)
801178	see	Copper tubes, coils & solder fittings (Inch & Metric)	801464	see	Copper tubes, coils & solder fittings (Inch & Metric)		802087	see	Copper tubes, coils & solder fittings (Inch & Metric)
801179 801180	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801471 801479	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802088 802089	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801181	see	Copper tubes, coils & solder fittings (Inch & Metric)	801487	see	Copper tubes, coils & solder fittings (Inch & Metric)		802090	see	Copper tubes, coils & solder fittings (Inch & Metric)
801187	see	Copper tubes, coils & solder fittings (Inch & Metric)	801496	see	Copper tubes, coils & solder fittings (Inch & Metric)		802092	see	Copper tubes, coils & solder fittings (Inch & Metric)
801188 801189	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801514 801524	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802093 802095	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801196	see	Copper tubes, coils & solder fittings (Inch & Metric)	801525	see	Copper tubes, coils & solder fittings (Inch & Metric)		802097	see	Copper tubes, coils & solder fittings (Inch & Metric)
801197	see	Copper tubes, coils & solder fittings (Inch & Metric)	801526	see	Copper tubes, coils & solder fittings (Inch & Metric)		802105	see	Copper tubes, coils & solder fittings (Inch & Metric)
801198	see	Copper tubes, coils & solder fittings (Inch & Metric)	801531	see	Copper tubes, coils & solder fittings (Inch & Metric)		802106	see	Copper tubes, coils & solder fittings (Inch & Metric)
801199 801204	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801532 801546	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802107 802113	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801205	see	Copper tubes, coils & solder fittings (Inch & Metric)	801547	see	Copper tubes, coils & solder fittings (Inch & Metric)		802114	see	Copper tubes, coils & solder fittings (Inch & Metric)
801206	see	Copper tubes, coils & solder fittings (Inch & Metric)	801563	see	Copper tubes, coils & solder fittings (Inch & Metric)		802115	see	Copper tubes, coils & solder fittings (Inch & Metric)
801207	see	Copper tubes, coils & solder fittings (Inch & Metric)	801564	see	Copper tubes, coils & solder fittings (Inch & Metric)		802116	see	Copper tubes, coils & solder fittings (Inch & Metric)
801214 801215	see see	Copper tubes, coils & solder fittings (Inch & Metric)	801571 801579	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802123	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801215 801216	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801579 801587	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802124 802125	see	Copper tubes, coils & solder fittings (Inch & Metric)  Copper tubes, coils & solder fittings (Inch & Metric)
801223	see	Copper tubes, coils & solder fittings (Inch & Metric)	801596	see	Copper tubes, coils & solder fittings (Inch & Metric)		802126	see	Copper tubes, coils & solder fittings (Inch & Metric)
801224	see	Copper tubes, coils & solder fittings (Inch & Metric)	801622	see	Copper tubes, coils & solder fittings (Inch & Metric)		802130	see	Copper tubes, coils & solder fittings (Inch & Metric)
801225 801226	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801634 801647	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802131 802132	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801230	see	Copper tubes, coils & solder fittings (Inch & Metric)	801652	see	Copper tubes, coils & solder fittings (Inch & Metric)		802137	see	Copper tubes, coils & solder fittings (Inch & Metric)
801231	see	Copper tubes, coils & solder fittings (Inch & Metric)	801654	see	Copper tubes, coils & solder fittings (Inch & Metric)		802138	see	Copper tubes, coils & solder fittings (Inch & Metric)
801232 801233	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801706 801712	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802146 802147	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801238	see	Copper tubes, coils & solder fittings (frich & Metric)	801714	see	Copper tubes, coils & solder fittings (Inch & Metric)		802148	see	Copper tubes, coils & solder fittings (Inch & Metric)
801239	see	Copper tubes, coils & solder fittings (Inch & Metric)	801715	see	Copper tubes, coils & solder fittings (Inch & Metric)		802163	see	Copper tubes, coils & solder fittings (Inch & Metric)
801245	see	Copper tubes, coils & solder fittings (Inch & Metric)	801717	see	Copper tubes, coils & solder fittings (Inch & Metric)		802164	see	Copper tubes, coils & solder fittings (Inch & Metric)
801246 801247	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801720 801721	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802179 802187	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801261	see	Copper tubes, coils & solder fittings (Inch & Metric)	801722	see	Copper tubes, coils & solder fittings (Inch & Metric)		802206	see	Copper tubes, coils & solder fittings (Inch & Metric)
801263 801264	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801725 801726	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802207 802214	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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801265 801270	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801727 801737	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802215 802216	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801271	see	Copper tubes, coils & solder fittings (Inch & Metric)	801738	see	Copper tubes, coils & solder fittings (Inch & Metric)		802224	see	Copper tubes, coils & solder fittings (Inch & Metric)
801272 801278	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801739 801743	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802225 802226	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801279	see	Copper tubes, coils & solder fittings (Inch & Metric)	801745	see	Copper tubes, coils & solder fittings (Inch & Metric)		802230	see	Copper tubes, coils & solder fittings (Inch & Metric)
801280	see	Copper tubes, coils & solder fittings (Inch & Metric)	801750	see	Copper tubes, coils & solder fittings (Inch & Metric)		802231	see	Copper tubes, coils & solder fittings (Inch & Metric)
801287 801288	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801751 801758	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802232 802238	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801296	see	Copper tubes, coils & solder fittings (Inch & Metric)  Copper tubes, coils & solder fittings (Inch & Metric)	801759	see	Copper tubes, coils & solder fittings (Inch & Metric)		802239	see	Copper tubes, coils & solder fittings (Inch & Metric)
801297	see	Copper tubes, coils & solder fittings (Inch & Metric)	801767	see	Copper tubes, coils & solder fittings (Inch & Metric)		802246	see	Copper tubes, coils & solder fittings (Inch & Metric)
801302	see	Copper tubes, coils & solder fittings (Inch & Metric)	801900	see	Copper tubes, coils & solder fittings (Inch & Metric)		802247	see	Copper tubes, coils & solder fittings (Inch & Metric)
801306 801312	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801901 801902	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802264 802271	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801314	see	Copper tubes, coils & solder fittings (Inch & Metric)	801903	see	Copper tubes, coils & solder fittings (Inch & Metric)		802280	see	Copper tubes, coils & solder fittings (Inch & Metric)
801315	see	Copper tubes, coils & solder fittings (Inch & Metric)	801904	see	Copper tubes, coils & solder fittings (Inch & Metric)		802305	see	Copper tubes, coils & solder fittings (Inch & Metric)
801317 801320	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801905 801906	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802312 802321	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801321	see	Copper tubes, coils & solder fittings (Inch & Metric)	801907	see	Copper tubes, coils & solder fittings (Inch & Metric)		802326	see	Copper tubes, coils & solder fittings (Inch & Metric)
801322	see	Copper tubes, coils & solder fittings (Inch & Metric)	801908	see	Copper tubes, coils & solder fittings (Inch & Metric)		802330	see	Copper tubes, coils & solder fittings (Inch & Metric)
801325 801326	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801909 801910	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802334 802344	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801327	see	Copper tubes, coils & solder fittings (Inch & Metric)	801911	see	Copper tubes, coils & solder fittings (Inch & Metric)		802350	see	Copper tubes, coils & solder fittings (frich & Metric)
801337 801338	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	801913 802003	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802355 802359	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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801339 801340	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	802009 802011	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802363 802368	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801343	see	Copper tubes, coils & solder fittings (Inch & Metric)	802017	see	Copper tubes, coils & solder fittings (Inch & Metric)		802384	see	Copper tubes, coils & solder fittings (Inch & Metric)
801345 801347	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	802019 802023	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802385 802386	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801350	see	Copper tubes, coils & solder fittings (Inch & Metric)	802025	see	Copper tubes, coils & solder fittings (Inch & Metric)		802387	see	Copper tubes, coils & solder fittings (Inch & Metric)
801351	see	Copper tubes, coils & solder fittings (Inch & Metric)	802028	see	Copper tubes, coils & solder fittings (Inch & Metric)		802388	see	Copper tubes, coils & solder fittings (Inch & Metric)
801353 801355	see	Copper tubes, coils & solder fittings (Inch & Metric)	802029 802030	see	Copper tubes, coils & solder fittings (Inch & Metric)		802389 802390	see	Copper tubes, coils & solder fittings (Inch & Metric)
801355 801358	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	802030 802035	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802390 802393	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801359	see	Copper tubes, coils & solder fittings (Inch & Metric)	802036	see	Copper tubes, coils & solder fittings (Inch & Metric)		802395	see	Copper tubes, coils & solder fittings (Inch & Metric)
801360	see	Copper tubes, coils & solder fittings (Inch & Metric)	802037	see	Copper tubes, coils & solder fittings (Inch & Metric)		802612	see	Copper tubes, coils & solder fittings (Inch & Metric)
801362 801364	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	802040 802049	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802621 802626	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801367	see	Copper tubes, coils & solder fittings (Inch & Metric)	802050	see	Copper tubes, coils & solder fittings (Inch & Metric)		802634	see	Copper tubes, coils & solder fittings (Inch & Metric)
801368 801369	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	802051 802052	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		802644 802650	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
801370	see	Copper tubes, coils & solder fittings (Inch & Metric)	802055	see	Copper tubes, coils & solder fittings (Inch & Metric)		802655	see	Copper tubes, coils & solder fittings (Inch & Metric)
801376 801377	see see	Copper tubes, coils & solder fittings (Inch & Metric)	802056	see	Copper tubes, coils & solder fittings (Inch & Metric)		802659	see see	Copper tubes, coils & solder fittings (Inch & Metric)
001077	ಎರರ	Copper tubes, coils & solder fittings (Inch & Metric)	802058	see	Copper tubes, coils & solder fittings (Inch & Metric)		802684	300	Copper tubes, coils & solder fittings (Inch & Metric)



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Part. nr.	Pdf	file		Part. nr.	Pdf	file		Part. nr.	Pdf	file
802685 802686	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	]	804037 804041	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		807016 807017	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802687	see	Copper tubes, coils & solder fittings (Inch & Metric)		804042	see	Copper tubes, coils & solder fittings (Inch & Metric)		807018	see	Copper tubes, coils & solder fittings (Inch & Metric)
802688 802689	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804043 804044	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		808001 808002	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802690	see	Copper tubes, coils & solder fittings (Inch & Metric)		804045	see	Copper tubes, coils & solder fittings (Inch & Metric)		808003	see	Copper tubes, coils & solder fittings (Inch & Metric)
802701 802710	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804046 804047	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		808004 808005	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802711	see	Copper tubes, coils & solder fittings (Inch & Metric)		804048	see	Copper tubes, coils & solder fittings (Inch & Metric)		8085105	see	Tube working tools
802715	see	Copper tubes, coils & solder fittings (Inch & Metric)		804049	see	Copper tubes, coils & solder fittings (Inch & Metric)		8085205	see	Tube working tools
802716 802717	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804050 804051	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810100 810101	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802719 802722	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804052 804055	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810107 810108	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802723	see	Copper tubes, coils & solder fittings (Inch & Metric)		804056	see	Copper tubes, coils & solder fittings (Inch & Metric)		810109	see	Copper tubes, coils & solder fittings (Inch & Metric)
802725	see	Copper tubes, coils & solder fittings (Inch & Metric)		804057	see	Copper tubes, coils & solder fittings (Inch & Metric)		810110	see	Copper tubes, coils & solder fittings (Inch & Metric)
802728 802734	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804058 804059	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810111 810130	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802735 802736	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804061 804062	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810141 810142	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802737	see	Copper tubes, coils & solder fittings (Inch & Metric)		804063	see	Copper tubes, coils & solder fittings (Inch & Metric)		810143	see	Copper tubes, coils & solder fittings (Inch & Metric)
802747 802749	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804065 804067	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810144 810145	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802751 802756	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804068 804069	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810146 810147	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802809 802817	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804070 804071	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810148 810149	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802822 802828	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804072 804073	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810150 810151	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
802834	see	Copper tubes, coils & solder fittings (Inch & Metric)		804074	see	Copper tubes, coils & solder fittings (Inch & Metric)		810152	see	Copper tubes, coils & solder fittings (Inch & Metric)
802847 803005	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804075 804076	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810153 810154	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
803012	see	Copper tubes, coils & solder fittings (Inch & Metric)		804077	see	Copper tubes, coils & solder fittings (Inch & Metric)		810155	see	Copper tubes, coils & solder fittings (Inch & Metric)
803021 803026	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804078 804079	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		810156 810157	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
803030	see	Copper tubes, coils & solder fittings (Inch & Metric)		804080	see	Copper tubes, coils & solder fittings (Inch & Metric)		8201505	see	Tube working tools
803034 803044	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804081 804082	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-B 823-BC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803050	see	Copper tubes, coils & solder fittings (Inch & Metric)		804083	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-BC/247	see	Service manifolds, gauges and charging hoses
803055	see	Copper tubes, coils & solder fittings (Inch & Metric)		804084	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-BC/27	see	Service manifolds, gauges and charging hoses
803059 803063	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804085 804086	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-BC/4 823-BC/447	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803067 803070	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804087 804088	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-BC/447-1.0 823-BC-1.0	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803073	see	Copper tubes, coils & solder fittings (Inch & Metric)		804089	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-BPC	see	Service manifolds, gauges and charging hoses
803312 803321	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804090 804091	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-BPC/410 823-BPC/410/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803326	see	Copper tubes, coils & solder fittings (Inch & Metric)		804092	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-BPC/410-1.0	see	Service manifolds, gauges and charging hoses
803330 803334	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804093 804094	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-C-B 823-C-BC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803344	see	Copper tubes, coils & solder fittings (Inch & Metric)		804095	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-C-BC/247	see	Service manifolds, gauges and charging hoses
803350 803355	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804096 804097	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-C-BC/27 823-C-BC/4	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803359 803363	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804098 804099	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-C-BC/447 823-C-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803368	see	Copper tubes, coils & solder fittings (Inch & Metric)		804106	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-C-BPC/410	see	Service manifolds, gauges and charging hoses
803373 803621	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804131 804208	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-C-BPC/410/27 823-G-BC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
803626	see	Copper tubes, coils & solder fittings (Inch & Metric)		804209	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-G-BC/247	see	Service manifolds, gauges and charging hoses
803634	see	Copper tubes, coils & solder fittings (Inch & Metric)		804228	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-G-BC/4	see	Service manifolds, gauges and charging hoses
803644 804000	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804229 804230	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-G-BC/447 823-G-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804001 804002	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		804259 804283	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-S-B 823-S-B	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804003	see	Copper tubes, coils & solder fittings (Inch & Metric)		8057205	see	Tube working tools		823-S-BC	see	Service manifolds, gauges and charging hoses
804004 804005	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806 806020	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BC/247 823-S-BC/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804006	see	Copper tubes, coils & solder fittings (Inch & Metric)		806025	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BC/4	see	Service manifolds, gauges and charging hoses
804007 804008	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806032 806036	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BC/447 823-S-BC/447-1.0	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804009	see	Copper tubes, coils & solder fittings (Inch & Metric)		806041	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BC-1.0	see	Service manifolds, gauges and charging hoses
804010 804011	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806045 806048	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BPC 823-S-BPC/410	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804012 804013	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806051 806053	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-S-BPC/410/27 823-S-BPC/410-1.0	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804014	see	Copper tubes, coils & solder fittings (Inch & Metric)		806056	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-B	see	Service manifolds, gauges and charging hoses
804015	see	Copper tubes, coils & solder fittings (Inch & Metric)		806058	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-BC	see	Service manifolds, gauges and charging hoses
804016 804017	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806060 806069	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-BC/247 823-WM-BC/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804018	see	Copper tubes, coils & solder fittings (Inch & Metric)		806074	see	Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-BC/4	see	Service manifolds, gauges and charging hoses
804019 804020	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806077 806084	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-BC/447 823-WM-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804021 804022	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		806092 806095	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		823-WM-BPC/410 823-WM-BPC/410/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804023	see	Copper tubes, coils & solder fittings (Inch & Metric)		807002	see	Copper tubes, coils & solder fittings (Inch & Metric)		825-B	see	Service manifolds, gauges and charging hoses
804025	see	Copper tubes, coils & solder fittings (Inch & Metric)		807004	see	Copper tubes, coils & solder fittings (Inch & Metric)		825-BC	see	Service manifolds, gauges and charging hoses
804026 804027	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		807006 807007	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		825-BC/247 825-BC/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804029 804031	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		807008 807009	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		825-BC/4 825-BC/447	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804032	see	Copper tubes, coils & solder fittings (Inch & Metric)		807011	see	Copper tubes, coils & solder fittings (Inch & Metric)		825-BC/447-1.0	see	Service manifolds, gauges and charging hoses
804033 804034	see see	Copper tubes, coils & solder fittings (Inch & Metric)		807012 807013	see see	Copper tubes, coils & solder fittings (Inch & Metric)		825-BC-1.0 825-BPC	see see	Service manifolds, gauges and charging hoses
804035	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		807014	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		825-BPC/410	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
804036	see	Copper tubes, coils & solder fittings (Inch & Metric)		807015	see	Copper tubes, coils & solder fittings (Inch & Metric)		825-BPC/410/27	see	Service manifolds, gauges and charging hoses



Part. nr.	Pdf	file	Part. nr.	Pdf	f file	] [	Part. nr.	Pdf	file
825-BPC/410-1.0	see	Service manifolds, gauges and charging hoses	840158	see	Copper tubes, coils & solder fittings (Inch & Metric)	1 [	86109	see	Inline components and accessories
825-C-B 825-C-BC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840159 840161	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		86111 8694405	see see	Inline components and accessories Tube working tools
825-C-BC/247 825-C-BC/27	see	Service manifolds, gauges and charging hoses	840162 840163	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		8694405 8921626-E	see	Tube working tools
		Service manifolds, gauges and charging hoses		see				see	Service manifolds, gauges and charging hoses
825-C-BC/4 825-C-BC/447	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840164 840165	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		8921626-E 93-S-03	see see	Service manifolds, gauges and charging hoses Tube working tools
825-C-BPC	see	Service manifolds, gauges and charging hoses	840167 840174	see	Copper tubes, coils & solder fittings (Inch & Metric)		93-S-04	see	Tube working tools
825-C-BPC/410 825-C-BPC/410/27	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840178	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		93-S-05 93-S-06	see see	Tube working tools Tube working tools
825-G-BC	see	Service manifolds, gauges and charging hoses	840179	see	Copper tubes, coils & solder fittings (Inch & Metric)		93-S-08	see	Tube working tools
825-G-BC/247 825-G-BC/4	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840181 840190	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		93-S-10 93-S-12	see see	Tube working tools Tube working tools
825-G-BC/447	see	Service manifolds, gauges and charging hoses	840191	see	Copper tubes, coils & solder fittings (Inch & Metric)		93-S-14	see	Tube working tools
825-G-BPC	see	Service manifolds, gauges and charging hoses	840192	see	Copper tubes, coils & solder fittings (Inch & Metric)		94-S	see	Tube working tools
825-S-B 825-S-BC	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840193 840194	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		95-S A01203	see see	Tube working tools Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BC/247	see	Service manifolds, gauges and charging hoses	840195	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01211	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BC/27 825-S-BC/4	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840196 840197	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A01278 A01366	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BC/447	see	Service manifolds, gauges and charging hoses	840198	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01392	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BC/447-1.0	see	Service manifolds, gauges and charging hoses	840200	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01402	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BC-1.0 825-S-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840204 840205	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A01409 A01422	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BPC/410	see	Service manifolds, gauges and charging hoses	840206	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01431	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BPC/410/27	see	Service manifolds, gauges and charging hoses	840208	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01467	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-S-BPC/410-1.0 825-WM-B	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840212 840213	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A01504 A01529	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BC 825-WM-BC/247	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840214 840215	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A01556 A01590	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BC/27	see	Service manifolds, gauges and charging hoses	840216	see	Copper tubes, coils & solder fittings (Inch & Metric)		A01628	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BC/4	see	Service manifolds, gauges and charging hoses	840220	see	Copper tubes, coils & solder fittings (Inch & Metric)		A02273	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BC/447 825-WM-BPC	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	840221 840222	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A02529 A02574	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BPC/410	see	Service manifolds, gauges and charging hoses	840230	see	Copper tubes, coils & solder fittings (Inch & Metric)		A02614	see	Copper tubes, coils & solder fittings (Inch & Metric)
825-WM-BPC/410/27	see	Service manifolds, gauges and charging hoses	840231	see	Copper tubes, coils & solder fittings (Inch & Metric)		A02650	see	Copper tubes, coils & solder fittings (Inch & Metric)
827-VRP 840100	see see	Service manifolds, gauges and charging hoses Copper tubes, coils & solder fittings (Inch & Metric)	840232 840233	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A02675 A02708	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840101 840102	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840234 840235	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A03167 A03168	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
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840103 840104	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840236 840237	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A03171 A07812	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840105 840106	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840238 840239	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A07813 A07814	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840107	see	Copper tubes, coils & solder fittings (Inch & Metric)	840240	see	Copper tubes, coils & solder fittings (Inch & Metric)		A07815	see	Copper tubes, coils & solder fittings (Inch & Metric)
840108	see	Copper tubes, coils & solder fittings (Inch & Metric)	840243	see	Copper tubes, coils & solder fittings (Inch & Metric)		A07816	see	Copper tubes, coils & solder fittings (Inch & Metric)
840109 840110	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840244 840245	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A07817 A07819	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840111	see	Copper tubes, coils & solder fittings (Inch & Metric)	840247	see	Copper tubes, coils & solder fittings (Inch & Metric)		A-10971	see	Tube working tools
840112	see	Copper tubes, coils & solder fittings (Inch & Metric)	840248	see	Copper tubes, coils & solder fittings (Inch & Metric)		A11205	see	Copper tubes, coils & solder fittings (Inch & Metric)
840113 840114	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840249 840250	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A11206 A11207	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840115 840116	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840251 840252	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		A11216 A11217	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
840117	see	Copper tubes, coils & solder fittings (Inch & Metric)	840253	see	Copper tubes, coils & solder fittings (Inch & Metric)		A-3	see	Automatic access valves & fittings
840118	see	Copper tubes, coils & solder fittings (Inch & Metric)	840254	see	Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-36-B	see	Service manifolds, gauges and charging hoses
840119 840120	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840255 840256	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-36-B/V AA-HDS-36-R	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
840121 840122	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840257 840258	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-36-R/V AA-HDS-36-Y	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
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840123 840124	see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840259 840302	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-36-Y/V AA-HDS-60-B	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
840125 840126	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840306 840308	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-60-B/V AA-HDS-60-R	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
840127	see	Copper tubes, coils & solder fittings (Inch & Metric)	840313	see	Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-60-R/V	see	Service manifolds, gauges and charging hoses
840128	see	Copper tubes, coils & solder fittings (Inch & Metric)	840324	see	Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-60-Y	see	Service manifolds, gauges and charging hoses
840129 840130	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840325 840330	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-60-Y/V AA-HDS-72-B	see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
840131 840132	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840332 840334	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AA-HDS-72-R AA-HDS-72-Y	see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
840133 840134	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840350 840358	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AC-BP AC-HP	see see	Automatic access valves & fittings Automatic access valves & fittings
840135 840136	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840363 840364	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACID-118 ACK-001	see see	Refrigeration accessories Fluid control components
840137	see	Copper tubes, coils & solder fittings (Inch & Metric)	840366	see	Copper tubes, coils & solder fittings (Inch & Metric)		ACK-003	see	Fluid control components
840138	see	Copper tubes, coils & solder fittings (Inch & Metric)	840367	see	Copper tubes, coils & solder fittings (Inch & Metric)		ACK-004	see	Fluid control components
840139 840140	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840368 840500	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACK-004 ACK-004	see see	Fluid control components Fluid control components
840141 840142	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840503 840504	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACK-004 ACK-004	see see	Fluid control components Fluid control components
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840143 840144	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	840505 84617-E/N	see see	Copper tubes, coils & solder fittings (Inch & Metric) Service manifolds, gauges and charging hoses		ACK-004 ACK-004	see see	Fluid control components Fluid control components
840145 840146	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	860110 860111	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACK-005 ACK-005	see see	Fluid control components Fluid control components
840147	see	Copper tubes, coils & solder fittings (Inch & Metric)	860121	see	Copper tubes, coils & solder littings (Inch & Metric)		ACK-007	see	Fluid control components
840148	see	Copper tubes, coils & solder fittings (Inch & Metric)	860131	see	Copper tubes, coils & solder fittings (Inch & Metric)		ACK-007	see	Fluid control components
840149 840150	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	860140 860999	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACK-007 ACK-008	see see	Fluid control components Fluid control components
840151 840152	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	861000 861001	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ACK-008 ACT-6	see	Fluid control components
									Tube working tools
840153 840154	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	861002 861003	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		ADP-0604 ADP-0608	see see	Tube working tools Tube working tools
840155 840156	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	861008 861009	see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		AG-100 AG-2	see see	Refrigeration accessories Refrigeration accessories
840157	see	Copper tubes, coils & solder fittings (Inch & Metric)	86107	see	Inline components and accessories		AM-05	see	Fluid control components
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AM-10 AM-25 AM-HDS-36-B AM-HDS-36-R AM-HDS-36-Y	see see see see	Fluid control components Fluid control components Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	BF-01 BF-02 BF-03 BF-04 BF-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BTV-2 BTV-3 BVA-04B BVA-04B BVA-04R	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Fluid control components Automatic access valves & fittings
AM-HDS-60-B AM-HDS-60-R AM-HDS-60-Y AM-HDS-72-B AM-HDS-72-R	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	BF-08 BF-10 BF-12 BF-16 BF-20	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVA-04R BVA-04Y BVA-04Y BVA-05-04B BVA-05-04B	see see see see	Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components
AMS-065 AMS-070 AMS-090 AMS-100 AMS-120	see see see see	Tube working tools	BF-24 BF-28-154 BF-28-172 BF-28-200 BF-28-230	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		BVA-05-04R BVA-05-04R BVA-05-04Y BVA-05-04Y BVA-06R	see see see see see	Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings
AMS-181 AP-1 AP-2 ATC-30 ATF-30	see see see see	Tube working tools Automatic access valves & fittings Automatic access valves & fittings Refrigeration accessories Refrigeration accessories	BF-28-254 BF-28-300 BF-S-02 BF-S-03 BF-S-04	see see see see	Refrigeration accessories Refrigeration accessories Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVA-06R BVS-02B BVS-02B BVS-02R BVS-02R	see see see see	Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components
ATK-4 ATW-06-0 ATW-2080 AV2-456 AV-34	see see see see	Refrigeration accessories Tube working tools Tube working tools Automatic access valves & fitting Automatic access valves & fitting	BF-S-06 BF-S-08 BF-S-10 BF-S-12 BF-S-16	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVS-02Y BVS-02Y BVS-04-06B BVS-04-06B BVS-04-06R	see see see see	Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings
AV-46 AVC-6 AVCA-BP AVCA-HP AVC-GD	see see see see	Automatic access valves & fitting	BF-S-20 BH-1 BH-100 BH-150	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Tube working tools Fluid control components Fluid control components Fluid control components Fluid control components		BVS-04-06R BVS-04-06Y BVS-04-06Y BVS-04B BVS-04B	see see see see see	Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components
AVC-GD/HNBR AVC-HNBR AVCI-BP AVCI-HP AVC-JRA	see see see see	Automatic access valves & fitting	BH-200 BH-300 BH-33 BH-50 BH-500	see see see see	Fluid control components		BVS-04R BVS-04R BVS-04Y BVS-04Y BVS-05-04B	see see see see	Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings
AVC-NEO/TEFLON AVC-NEOPRENE AVU-04 AVU-24 AVU-44	see see see see	Automatic access valves & fitting	BH-750 BLOCK-ITE BLT-024 BLT-048 BLT-100	see see see see	Fluid control components Refrigeration accessories Fluid control components Fluid control components Fluid control components Fluid control components		BVS-05-04B BVS-05-04R BVS-05-04R BVS-05-04Y BVS-05-04Y	see see see see	Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components
AVU-45 B1-04 B1-06 B1-08 B1-10	see see see see	Automatic access valves & fitting Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	BLUE-R-95 BM-01 BM-02 BM-03 BM-04	see see see see	Evacuating and charging equipment Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVS-06B BVS-06B BVS-06B-M14 BVS-06B-M14 BVS-06R	see see see see	Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings
B1-12 B2-03 B2-04 B2-05 B2-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	BM-06 BM-08 BM-10 BM-12 BM-16	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVS-06R BVS-06Y BVS-06Y BVS-1/2-ACME/Y BVS-1/2-ACME/Y	see see see see	Fluid control components Automatic access valves & fittings Fluid control components Automatic access valves & fittings Fluid control components
B2-08 B2-10 B2-12 B-602 B-604	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Tube working tools Tube working tools	BM-20 BM-24 BS-02 BS-03 BS-04	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		BVS-1L BVS-1L BVS-1L-WS-005- 1/4 SAE bottle + 1/4" S BVS-1L-WS-005- 1/4 SAE bottle + 1/4" S		Electronic measurement and control instruments Automatic access valves & fittings Electronic measurement and control instruments Automatic access valves & fittings
B-607 B-610 B-613 B-616 B-619	see see see see	Tube working tools	BS-06 BS-08 BS-10 BS-101 BS-102-04	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Tube working tools Service manifolds, gauges and charging hoses		BVS-1L-WS-005- 5/16 SAE bottle + 1/4" 3 BVS-1L-WS-005- 5/16 SAE bottle + 1/4" 3	SAE	see Electronic measurement and control instruments see Automatic access valves & fittings
B-622 B-625 B-628 B-631 B-633	see see see see	Tube working tools	BS-102-04 BS-102-05/8mm BS-102-05/8mm BS-102-06 BS-102-06	see see see see	Tube working tools Tube working tools Tube working tools Service manifolds, gauges and charging hoses Tube working tools		BVS-1L-WS-005- 7/16 SAE bottle + 1/4" : BVS-1L-WS-005- 7/16 SAE bottle + 1/4" : C1-04 C1-06		seeElectronic measurement and control instruments seeAutomatic access valves & fittings Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
B-702 B-704 B-707 B-710 B-713	see see see see	Tube working tools	BS-102-06mm BS-102-08 BS-102-08 BS-102-10 BS-102-10	see see see see	Tube working tools Service manifolds, gauges and charging hoses Tube working tools Service manifolds, gauges and charging hoses Tube working tools		CA-06/24-50 CA-06/30-50 CA-07/18-03 CA-07/20-03 CA-08/24-50	see see see see see	Copper tubes, coits & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
B-716 B-719 B-722 B-725 B-728	see see see see	Tube working tools	BS-102-10mm BS-102-12 BS-102-12 BS-102-12mm BS-102-19mm	see see see see	Tube working tools Service manifolds, gauges and charging hoses Tube working tools Tube working tools Tube working tools		CA-1 CA-10/23-036 CA-10/30-50 CA-12/24-50 CA-13/23-036	see see see see	Automatic access valves & fittings Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
B-731 B-733 B-804 B-807 B-810	see see see see	Tube working tools	BS-12 BS-163 BSG-104 BSG-106 BSG-108	see see see see see	Valves, fittings and tubes Tube working tools Fluid control components Fluid control components Fluid control components		CA-13/23-30 CA-15/30-50 CA-16/31-036 CA-20/30-50 CA-20/40-50	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)
B-813 B-816 B-822 B-828 B-833	see see see see	Tube working tools	BSG-110 BSG-112 BSG-116 BSG-M2615 BSG-M3615	see see see see	Fluid control components		CA-25/40-50 CA-30/40-50 CA-30/50-50 CA-5PAK CAP-RT08	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Fluid control components
BB-9 BCV-05 BCV-07 BCV-09 BCV-11	see see see see	Refrigeration accessories Fluid control components	BSG-M522 BS-S-02 BS-S-03 BS-S-04 BS-S-06	see see see see see	Fluid control components Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		CAP-RT10 CAP-RT14 CARD CD-02 CD-03	see see see see see	Fluid control components Fluid control components Tube working tools Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
BCV-4-4 BCV-4-6 BE-24 BE-36 BE-48	see see see see	Fluid control components Fluid control components Tube working tools Tube working tools Tube working tools	BS-S-08 BS-S-10 BS-S-12 BS-S-16 BTV-1	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Automatic access valves & fittings		CD-04 CD-06 CD-08 CD-10 CD-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & NPT 45" SAE" Forged brass & steel fittings "NPT" & NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"



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Part. nr.		file	Part. nr.		f file		Part. nr.		file
CDR-03-02 CDR-04-03 CDR-06-03 CDR-06-04 CDR-08-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CRISTAL CLEAI CRISTAL CLEAI CRPEN CRPENB CRPENB		Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments		DS/O-12 DS/O-134/6 DT-1001C DT-1630 DT-50	see see see see	Evacuating and charging equipment Evacuating and charging equipment Electronic measurement and control instruments Electronic measurement and control instruments Refrigeration accessories
CDR-10-08 CDR-12-10 CDR-16-10 CDR-16-12 CFF-45-02	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CRPENR CRPENR CRX-02 CRX-03 CRX-04	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		DTH-1628 E-05 E-06 E-08 E-10	see see see see	Electronic measurement and control instruments Tube working tools Tube working tools Tube working tools Tube working tools
CFF-45-03 CFF-45-04 CFF-45-06 CFF-45-08 CFF-45-10	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CRX-06 CRX-08 CRX-10 CRX-12 CRX-S-02	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br		E1-03A E1-04A E1-04B E1-04C E1-05B	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CFF-90-02 CFF-90-03 CFF-90-04 CFF-90-06 CFF-90-08	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CRX-S-03 CRX-S-04 CRX-S-06 CRX-S-08 CRX-S-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		E1-06A E1-06B E1-06C E1-06D E1-08B	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CFF-90-10 CFF-90-12 CFF-90-16 CFF-S-45-02 CFF-S-45-03	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CRX-S-12 CRX-S-16 CRX-S-20 CRX-S-24 CSL-144-S	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Fluid control components		E1-08C E1-08D E1-08E E1-10C E1-10D	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CFF-S-45-04 CFF-S-45-06 CFF-S-45-08 CFF-S-45-10 CFF-S-45-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CSL-145-S CSL-146-S CSL-147-S CSL-149-S CST-080	see see see see	Fluid control components Electronic measurement and control instruments		E1-10E E1-12D E1-12E E2-04 E2-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CFF-S-45-16 CFF-S-45-20 CFF-S-45-24 CFF-S-90-02 CFF-S-90-03	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	CST-120 CT-34 CT-ACP CTP-1 CV-1G	see see see see	Electronic measurement and control instruments Service manifolds, gauges and charging hoses Refrigeration accessories Tube working tools Automatic access valves & fittings		E2-08 E2-10 E2-12 E303-FT-036 E303-FT-036	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
CFF-S-90-04 CFF-S-90-06 CFF-S-90-08 CFF-S-90-10 CFF-S-90-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br	CV-2G CV-3G CW08-22 CW08-32 CW10-22	see see see see	Automatic access valves & fittings Automatic access valves & fittings Tube working tools Tube working tools Tube working tools		E303-FT-036 E303-FT-048 E303-FT-060 E303-FT-072 E303-FT-120	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
CFF-S-90-16 CFF-S-90-20 CFF-S-90-24 CH-101 CH-102	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Refrigeration accessories	D02050 D03050 D04050 D05050 D06050	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		E3-04A E3-04B E3-05B E3-06A E3-06B	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CH-103 CH-105 CH-135 CH-197 CH-20	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Service manifolds, gauges and charging hoses	D08050 D-1 (WS-33) D10050 D12050 D14050	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Refrigeration accessories Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		E3-06C E3-06D E3-08C E3-08D E3120-FTB	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses
CIT-080L CIT-080S CIT-120L CIT-120S CLASS »1.0« MANIFOL	see see see see LDS	Electronic measurement and control instruments seeService manifolds, gauges and charging hoses	D18050 D22050 D26050 DB-009 DB-061	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Refrigeration accessories		E3120-FTR E3120-FTY E314-FTY E3-25D E336-FTB	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses
CLIMEX CMF-90-02 CMF-90-03 CMF-90-04 CMF-90-06	see see see see	Inline components and accessories Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	DB-152 DB-157 DB-162 DC-5150 DETEX	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Tube working tools Refrigeration accessories		E336-FTR E336-FTY E348-FTB E348-FTR E348-FTY	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
CMF-90-08 CMF-90-10 CMT-080 CMT-120 CO-04I	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Electronic measurement and control instruments Electronic measurement and control instruments Copper tubes, coils & solder fittings (Inch & Metric)	DGT-1415C DHC-06x09 mm DHC-06x09/1M DLC-040 DLC-040-E	see see see see	Electronic measurement and control instruments Refrigeration accessories Refrigeration accessories Electronic measurement and control instruments Electronic measurement and control instruments		E360-FTB E360-FTR E360-FTY E372-FTB E372-FTR	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
CO-04I CO-05I CO-06I CO-06I CO-08I	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	DLC-052 DLC-060 DLC-080 DLC-080-E DLC-120	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments		E372-FTY E4-44 E4-66 E4-88 E5120-FTY	see see see see	Service manifolds, gauges and charging hoses Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses
CO-08I CO-10I CO-12I CO-14I COI-2OZ	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Electronic measurement and control instruments	DLC-120-E DLC-160 DLC-160-E DLC-200 DLC-240	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments		E536-FTY E548-FTY E560-FTY E572-FTY EA-208A/V2	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Electronic measurement and control instruments
COI-2OZ COV-024 COV-048 COV-100 CR4-220	see see see see	Evacuating and charging equipment Fluid control components Fluid control components Fluid control components Fluid control components Electronic measurement and control instruments	DLC-240-E DLC-320 DLC-360 DLC-400 DM-120C	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments		EB-06 EB-08 EB-10 EC-56 EC-810	see see see see	Tube working tools
CR4-220/KPP CR4-220/KTH CR4-220/KTH CR4-220/KTP CR4-220/KTT	see see see see	Electronic measurement and control instruments	DM-1676 DM-1677 DM-1678 DM-1679 DMF-S-02	see see see see	Fluid control components Forged brass & steel fittings "NPT" & "NPT 45" SAE"		EE-30 EE-48 EH-1 EPOXY-GUM ER2-0064	see see see see	Tube working tools Tube working tools Tube working tools Refrigeration accessories Forged brass & steel fittings "NPT" & "NPT 45" SAE"
CR87-10 CR87-14 CR87-16 CR87-17 CR87-18	see see see see	Electronic measurement and control instruments	DMF-S-03 DMF-S-04 DMF-S-06 DMF-S-08 DMF-S-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"		ER2-0084 ER2-0086 ER2-0108 ES4-0044 ES4-0066	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
CR87-22 CR87B-220C CR87-S22 CR87-S30 CR87-SL3	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments	DMF-S-12 DMF-S-16 DMF-S-20 DMF-S-24 DPS-300C	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Electronic measurement and control instruments		ES4-0088 ES4-1010 ES4-1212 FB-11 FB-2	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Tube working tools Tube working tools



Part. nr.	Pdf	file	Part. nr.	Pdf	file	Part. nr.	Pdf	file
FB-3	see	Tube working tools	FSP2-3419	see	Copper tubes, coils & solder fittings (Inch & Metric)	HC-2341-1	see	Electronic measurement and control instruments
FB-3 FB-4 FB-5 FB-6 FB-7	see see see see	Tube working tools	FSP2-3419 FSP3-3535 FST-275 FST-275 FST-275-C	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Service manifolds, gauges and charging hoses Tube working tools Tube working tools	HC-2341-1 HC-2341-150 HC-234-150 HC-2341-50 HC-234-50	see see see see	Electronic measurement and control instruments
FB-8 FB-9 FC-351 FCB-353 FCG-607B	see see see see	Tube working tools Electronic measurement and control instruments	FST-275-M FST-450 FST-450M FSTR-1M6 FSTR-1M8	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	HCT-212 HCT-B HCTK-239 HCT-P HCT-S	see see see see	Tube working tools Tube working tools Electronic measurement and control instruments Tube working tools Tube working tools
FCG-607R FCHS-6 FCS-6 FCT-1 FCT-2059	see see see see	Electronic measurement and control instruments Tube working tools Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	FT-195 FT-220 FT-220-B FT-500 FT-500-M	see see see see	Tube working tools Service manifolds, gauges and charging hoses	HDA-120-B HDA-120-R HDA-120-Y HDA-36-B HDA-36-R	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-2059-050SA FCT-2059-050SS FCT-2059-1000 FCT-2059-100SA FCT-2059-100SS	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	FT-500-M FT-525 FT-525/C FTE-080	see see see see	Tube working tools Tube working tools Service manifolds, gauges and charging hoses Tube working tools Tube working tools	HDA-36-R/410 HDA-36-Y HDA-36-Y/410 HDA-60-B HDA-60-R	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-2059-150SA FCT-2059-150SS FCT-2059-200SA FCT-2059-200SS FCT-2059-5000	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	FTE-080-M FTE-089 FTE-089-A FTE-800 FTE-800-IM	see see see see	Tube working tools	HDA-60-R/410 HDA-60-Y HDA-60-Y/410 HDA-72-B HDA-72-R	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-4082B-050SA FCT-4082B-050SS FCT-4082B-1000 FCT-4082B-100SA FCT-4082B-100SS	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	FTE-800-IMTRW FTE-800-IMTRWS FTE-800-IMTRWSP FTE-800-ITRWSP FTE-800-M	see see see see see	Tube working tools	HDA-72-Y HDCS-36-B/410/V HDCS-36-R/410/V HDS-120-B/V HDS-120-R/V	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-4082B-150SA FCT-4082B-150SS FCT-4082B-200SA FCT-4082B-200SS FCT-4082B-5000	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	G3F GCHS GHNBR-06 GHNBR-08 GHNBR-10	see see see see see	Tube working tools	HDS-120-Y/V HDS-12-B/V HDS-12-R HDS-12-R/V HDS-12-Y	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-FA-2059 FCT-FNB-2059 FCT-FNR-2059 FCT-FS-2059 FCT-FT-2059	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	GHNBR-12 GL-050 GL-250 GLD-237 GLD-3790	see see see see	Tube working tools Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Refrigeration accessories Refrigeration accessories	HDS-12-Y/V HDS-36-B/V HDS-36-R/V HDS-36-R/V HDS-36-Y/V	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FCT-RFA-4082 FCT-RFS-4082 FCT-SET-2059C FLUX-1802-D FLUX-1802-PF	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	GLD-947 GRT-143 GRT-191 GRT-254 GRT-318	see see see see	Refrigeration accessories Fluid control components	HDS-60-B/V HDS-60-R/V HDS-60-Y/V HDS-60-Y/V HDS-60-Y/V	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Evacuating and charging equipment Evacuating and charging equipment Service manifolds, gauges and charging hoses
FLUX-800-D FPA-168 FPA-210 FPA-283 FPB-168	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	GRT-381 GRT-510 GS-100 GS-100 GSK-024	see see see see	Fluid control components Fluid control components Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Fluid control components	HDS6-12-B/V HDS6-12-R/V HDS6-12-Y/V HDS6-36-B HDS6-36-B/V	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FPB-210 FPB-283 FPC-168 FPC-210 FPC-283	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br	GSK-048 GSK-100 GSLC GSPK-04 GSPK-P4	see see see see	Fluid control components Fluid control components Tube working tools Tube working tools Tube working tools	HDS6-36-R HDS6-36-R/V HDS6-36-Y HDS6-36-Y/V HDS6-60-B	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FSBC-M6 FSBC-M8 FSCC-0507 FSCC-0507-R FSCC-0710	see see see see	Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric)	H-08 mm H-1 H-1/2 H-3/4 H-3/8	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Tube working tools	HDS6-60-B/V HDS6-60-R HDS6-60-R/V HDS6-60-Y/V	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FSCC-0710-R FSCC-1113 FSCC-1113-R FSCC-1315 FSCC-1315-R	see see see see	Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric)	H-5/8 H-7/8 H-11/8 H-13/8 H-15/8	see see see see	Tube working tools	HDS6-72-B HDS6-72-B/V HDS6-72-R HDS6-72-R/V HDS6-72-Y	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
FSCC-1619 FSCC-1619-R FSCC-2022 FSCC-2022-R FSCC-2528	see see see see	Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric) Copper tubes, coils & solder fritings (Inch & Metric)	H-10 mm H-100 H-12 mm H-12 mm H-15 mm	see see see see	Tube working tools Inline components and accessories Service manifolds, gauges and charging hoses Tube working tools Service manifolds, gauges and charging hoses	HDS6-72-Y/V HDS-72-B/V HDS-72-R/V HDS-72-Y/V HER-319	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Fluid control components
FSCC-2528-R FSCC-3335 FSCC-3335-R FSCC-4244 FSCC-4244-R	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	H-15 mm H-150 H-16 mm H-18 mm H-18 mm	see see see see	Tube working tools Fluid control components Tube working tools Service manifolds, gauges and charging hoses Tube working tools	HNS4-04 HNS4-06 HNS4-08 HNS4-10 HNS4-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
FSCC-5255 FSCC-5255-R FSCC-5864 FSCC-5864-R FSCC-6571	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	H-20 mm H-200 H-22 mm H-22 mm H-28 mm	see see see see	Tube working tools Fluid control components Service manifolds, gauges and charging hoses Tube working tools Service manifolds, gauges and charging hoses	HP-3700 HP-3701 HP-3702 HP-3703 HP-3704	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Fluid control components
FSCC-6571-R FSCC-7280 FSCC-7280-R FSCC-8892 FSCC-8892-R	see see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	H-28 mm H-300 H-35 mm H-42 mm H-75	see see see see see	Tube working tools Fluid control components Tube working tools Tube working tools Fluid control components	HP-3706 HP-3738 HPBV-04P HPBV-06MMP HPBV-06P	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Fluid control components
FSCC-98107 FSCC-98107-R FSCO-3550 FSCO-3575 FSEC-3419	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	H-750 HB-251 HB-251M HB-451 HB-451M	see see see see see	Fluid control components Tube working tools	HPBV-08P HPBV-10MMP HPBV-10P HPBV-12MMP HPBV-12P	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Fluid control components
FSEC-3535 FSNK-30M10 FSNK-30M8 FSN-M10 FSN-M8	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	HC-221-1 HC-221-10 HC-221-5 HC-221-50 HC-234-1	see see see see see	Electronic measurement and control instruments	HPBV-14P HPBV-16MMP HPBV-18P HPBV-19MMP HPBV-22MMP	see see see see	Fluid control components

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Part. nr.	Pdf	file	Part. nr.	Pdf	file		Part. nr.	Pd	f file
HPBV-22P HPBV-26P HPBV-28MMP HPBV-34P HPBV-35MMP	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Fluid control components	KIT-908 L-11509 L-11513 L-11575 L-11575	see see see see see	Electronic measurement and control instruments Refrigeration accessories Refrigeration accessories Service manifolds, gauges and charging hoses Refrigeration accessories		MF-1150C-048U MF-1150C-230U MF-1360C-110U MF-1900C-024U MF-4	see see see see	Fluid control components Evacuating and charging equipment
HPBV-42MMP HPBV-42P HPBV-50P HPBV-54MMP HPN	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Tube working tools	L-22101 L-36473 L-41600 L-49050 LEAK-118	see see see see see	Service manifolds, gauges and charging hoses Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		MF-4+LP-4 MFF-S-02 MFF-S-03 MFF-S-04 MFF-S-06	see see see see	Evacuating and charging equipment Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
HT-680A HWS-8 HWS-8mm HX-3639 HX-3640	see see see see	Electronic measurement and control instruments Tube working tools Tube working tools Fluid control components Fluid control components	LEAK-40 LEAK-474 LEAK-TEFLON-40 LG-712 LP-4	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Fluid control components Evacuating and charging equipment		MFF-S-08 MFF-S-10 MFF-S-12 MFF-S-16 MFF-S-20	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
HX-3641 HX-3702 HX-3703 HX-3738 HX-3810	see see see see	Fluid control components	LRV-1018 LRV-1039 LRV-1092 LT-10G LT-3G	see see see see	Fluid control components Fluid control components Fluid control components Automatic access valves & fittings Automatic access valves & fittings		MFF-S-24 MFF-S-32 M-HDL-12-B M-HDL-12-R M-HDL-12-Y	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
HX-3836 HX-3839 HX-3840 HX-3841 ICE-125	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Refrigeration accessories	LT-4G LT-5G LT-6G LT-8G LTC-1	see see see see	Automatic access valves & fittings Service manifolds, gauges and charging hoses		M-HDL-6 M-HDL-6-B M-HDL-6-R MI-CAP MIR-1	see see see see	Evacuating and charging equipment Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Fluid control components Service manifolds, gauges and charging hoses
ICG-220 IMS-10 IMS-11 IMS-12 IMS-13	see see see see	Refrigeration accessories Tube working tools Tube working tools Tube working tools Tube working tools	M-02 M-03 M-05 M-10 M-110	see see see see	Fluid control components		MIR-1 MIR-1R MIR-2 MIR-2 MIR-2R	see see see see	Tube working tools Tube working tools Tube working tools Service manifolds, gauges and charging hoses Tube working tools
IMS-14 IMS-15 IMS-16 IMS-17 IMS-18	see see see see	Tube working tools	M-15 M-20 M2-106 M2-108 M2-12MHH	see see see see	Fluid control components Fluid control components Fluid control components Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MIR-3 MIR-3R MIR-4 MIR-4R MIR-5	see see see see	Tube working tools
IMS-19 IMS-4D-37 INC-100-05 INC-100-08 INC-200-11	see see see see	Tube working tools Tube working tools Fluid control components Fluid control components Fluid control components Fluid control components	M2-14 M2-16 M2-16-B M2-16-B2 M2-16-HB	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MIR-5R MK-040-DS MK-060-DS MK-120-DS MK-180-DS	see see see see	Tube working tools Evacuating and charging equipment
INC-300-14 INC-300-17 INC-300-22 INC-400-27 INC-500-31	see see see see	Fluid control components	M2-16-HH M2-16-HHB M2-16-HR M2-16-M M2-16-N	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MK-240-DS MK-280-DS M-MM-02 M-MM-03 M-MM-04	see see see see	Evacuating and charging equipment Evacuating and charging equipment Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
INJEC INJEC INSUL TAPE INT-024 INT-300	see see see see	Electronic measurement and control instruments Evacualing and charging equipment Copper tubes, coils & solder fittings (Inch & Metric) Fluid control components Fluid control components	M2-16-P M-30 M-60 M-80 MAPP GAS	see see see see	Service manifolds, gauges and charging hoses Fluid control components Fluid control components Fluid control components Tube working tools		M-MM-06 M-MM-08 M-MM-10 M-MM-12 M-MM-16	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
INT-400 IPD-0406 IPD-0408 IPD-0410 IPD-0608	see see see see	Fluid control components Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	MARC-15/U MB1-ADS MB1-ADS/VAC MB2-ADS MB2-AP	see see see see	Evacualing and charging equipment Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MMS-200 MMS-80 MP-02 MP-02C MP-03	see see see see	Fluid control components Fluid control components Refrigeration accessories Refrigeration accessories Refrigeration accessories
IPD-0610 IPD-0612 IPD-0812 IPS-04 IPS-05	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	MB4-ADS MB5-ADS MB-EP MB-EP MB-HH	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MP-03C MP-04 MP-04C MP-06 MP-06C	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories
IPS-06 IPS-08 IPS-10 IPS-12 IPS-14	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	MB-IP MB-IP MBP-EP MBP-IP MB-SP	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MP-08 MP-08C MP-12 MP-12C MP-18	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories
IRT-7920 ITE-3700 ITE-50V ITE-54V ITE-8010	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Electronic measurement and control instruments	MB-SR MCC-2 MCC-2/247 MCC-4/4 MCC-4/447	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses		MP-18C MPF-M10 MPF-M12 MPF-M16 MPR-M08	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories
ITE-8015 ITE-8030 ITE-8060 ITE-8090 ITE-8806B	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments	MCC-4/I MCC-550/4 MCO-06 MCO-08 MCO-10	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		MPR-M10 MPR-M12 MPR-M16 MR-14-BH MR-14-RH	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
ITE-8900A ITE-8909 ITE-H10PM ITE-XTRA ITE-XTRA-2	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments	MCO-12 MCO-15 MCO-16 MCO-18 MCO-22	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)		MR-14-VK MR-14-VS MR-MM-032 MR-MM-042 MR-MM-043	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
K1-01 K1-03 K1-05 K1-08 K1-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br	MCSS-0.55 MCSS-0.55/44 MCSS-1 MCSS-1/44 MCSS-2	see see see see	Evacualing and charging equipment Evacualing and charging equipment Evacualing and charging equipment Evacualing and charging equipment Evacualing and charging equipment		MR-MM-064 MR-MM-082 MR-MM-084 MR-MM-086 MR-MM-106	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
K1-11 K1-12 K1-12 K1-13 K1-D	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Evacualing and charging equipment Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	MCSS-2/44 MET-100-06 MET-100-07 MET-200-12 MET-300-13	see see see see	Evacualing and charging equipment Fluid control components Fluid control components Fluid control components Fluid control components		MR-MM-108 MS-04 MS-06 MS-08 MS-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Fluid control components Fluid control components Fluid control components Fluid control components Fluid control components
K1-E KCK-F KCK-M KIT-905 KIT-906	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Automatic access valves & fittings Automatic access valves & fittings Electronic measurement and control instruments Electronic measurement and control instruments	MET-300-16 MET-300-21 MET-400-28 MET-500-32 MF-1150C-024U	see see see see see	Fluid control components		MS-12 MS-14 MS-18 MS-22 MS-26	see see see see	Fluid control components



Part. nr.	Pdf	file	Part. nr.	Pdf	file	Part. nr.	Pdf	file
MS-34 MSK-08 MSSK-26 MT-02 MT-03	see see see see	Fluid control components Tube working tools Tube working tools Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	MV-2597 MV-2597 MV-2613 MV-2812 MV-2814	see see see see	Automatic access valves & fittings	MV-7114 MV-7414 MV-7418 MV-8400 MV-8400	see see see see see	Automatic access valves & fittings
MT-04 MT-06 MT-08 MT-10 MT-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	MV-2816 MV-2834 MV-2838 MV-2878 MV-3018	see see see see	Automatic access valves & fittings	MV-8403 MV-8404 MV-8405 MV-8406 MV-8408	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings
MT-16 MT-20 MT-24 MTS-04 MTS-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Fluid control components Fluid control components	MV-3034 MV-3036 MV-3078 MV-3090 MV-3090	see see see see	Automatic access valves & fittings	MV-8412 MV-8414 MV-8416 MV-8418 MV-8420	see see see see	Automatic access valves & fittings
MTU-06 MTU-08 MTU-10 MTU-12 MTU-15	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	MV-3092 MV-3094 MV-3095 MV-3098 MV-3346	see see see see	Automatic access valves & fittings	MV-8434 MV-8438 MV-8458 MV-8478 MV-8490	see see see see	Automatic access valves & fittings
MTU-16 MTU-18 MTU-22 MTU-28 MTU-35	see see see see	Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric) Copper tubes, coils & solder fittings (Inch & Metric)	MV-3368 MV-3434 MV-3436 MV-3570 MV-3600	see see see see	Automatic access valves & fittings	MV-8505-050 MV-8725 MV-9160 MV-9601 MV-9602	see see see see see	Automatic access valves & fittings
MULTI-R-COMBI/V2 MV-0077 MV-0099 MV-0101 MV-0111	see see see see	Evacuating and charging equipment Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings	MV-3600 MV-3602 MV-3603 MV-3604 MV-3605	see see see see	Automatic access valves & fittings	MV-9603 MV-9608 MV-9610 MV-9611 MV-9612	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings
MV-1010 MV-1050 MV-1060 MV-1090 MV-1200	see see see see	Automatic access valves & fittings	MV-3606 MV-3608 MV-3619 MV-3688 MV-3700	see see see see	Automatic access valves & fittings	MV-9613 MV-9614 MV-9615 MV-9616 MV-9620	see see see see see	Automatic access valves & fittings
MV-1212 MV-1414 MV-1414C MV-1428 MV-1438	see see see see	Automatic access valves & fittings	MV-3710 MV-3800 MV-3813 MV-3813 MV-3813	see see see see	Automatic access valves & fittings Automatic access valves & fittings Tube working tools Automatic access valves & fittings Automatic access valves & fittings	MV-9628 MV-AVX-6-050 MV-AVX-6-100 MV-AVX-6-150 MV-AVX-6810	see see see see	Automatic access valves & fittings
MV-1440 MV-1441 MV-1444 MV-1446 MV-1454	see see see see	Automatic access valves & fittings	MV-3813 MV-3814 MV-3814 MV-3814 MV-3816	see see see see	Automatic access valves & fittings Tube working tools Automatic access valves & fittings Automatic access valves & fittings Tube working tools	N1-04 N1-05 N1-06 N1-08 N1-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
MV-1777 MV-1808 MV-1818 MV-1818C MV-2000	see see see see	Automatic access valves & fittings	MV-3816 MV-3816 MV-3820 MV-3825 MV-3827	see see see see	Automatic access valves & fittings	N1-12 N4-04 N4-05 N4-06 N4-08	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
MV-2010 MV-2010 (QC-E4) MV-2012 MV-2014 MV-2018	see see see see	Automatic access valves & fittings	MV-3900 MV-3910 MV-3915 MV-3916 MV-3917	see see see see	Automatic access valves & fittings	N4-10 N4-12 N5-04 N5-05 N5-06	see see see see	Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged br
MV-2019 MV-2020 MV-2022 MV-2022 MV-2024	see see see see	Automatic access valves & fittings	MV-3920 MV-3930 MV-3936 MV-4338 (A-1) MV-4358 (A-2)	see see see see	Automatic access valves & fittings	N5-08 N5-10 N5-12 NBC-120 NBC-72	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
MV-2028 MV-2035 MV-2037 MV-2038 MV-2041	see see see see	Automatic access valves & fittings	MV-4445 MV-4545 MV-4900 MV-4910 MV-5013	see see see see	Automatic access valves & fittings	NFT5-6 NHA-120 NHA-48 NHA-72 NHA-78306	see see see see	Forged brass & steel fittings "NPT' & "NPT 45" SAE' Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
MV-2050 MV-2060 MV-2070 MV-2070 MV-2090	see see see see	Automatic access valves & fittings	MV-5014 MV-5014 MV-5016 MV-5036 MV-5036	see see see see	Automatic access valves & fittings	NHA-78406 NHA-78410 NHA-78506 NHA-78510 NRS4-0043	see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Forged brass & steel fittings "NPT" & "NPT 45" SAE"
MV-2094 MV-2098 MV-2120 MV-2140 MV-2160	see see see see	Automatic access valves & fittings	MV-5038 MV-5044 MV-5050 MV-5055 MV-5161	see see see see	Automatic access valves & fittings	NRS4-0054 NRS4-0064 NRS4-0065 NRS4-0086 NRS4-0108	see see see see	Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged brass & steel fittings "NPT' & "NPT 45" SAE" Forged br
MV-2210 MV-2215 MV-2216 MV-2219 MV-2220	see see see see	Automatic access valves & fittings	MV-5171 MV-5421 MV-5501 MV-5512 MV-5514	see see see see	Automatic access valves & fittings	NRS4-1/2x10mm NRS4-1210 NRS4-3/4x16mm NRS4-3/8x6mm NRS4-3/8x8mm	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
MV-2225 MV-2235 MV-2243 MV-2245 MV-2245	see see see see	Automatic access valves & fittings Forged brass & steel fittings "NPT" & "NPT 45" SAE"	MV-5516 MV-5518 MV-5534 MV-5538 MV-5555	see see see see	Automatic access valves & fittings	NRS4-5/8x12mm NRS4-5/8x15mm NRS4-7/8x20mm NS4-03 NS4-04	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
MV-2250 MV-2380 MV-2500 MV-2525 MV-2540	see see see see	Automatic access valves & fittings	MV-5555 MV-5558 MV-5560 MV-5560 MV-5577	see see see see	Automatic access valves & fittings	NS4-05 NS4-06 NS4-06mm NS4-08 NS4-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
MV-2541 MV-2542 MV-2580 MV-2594 MV-2595	see see see see	Automatic access valves & fittings	MV-5577 MV-5578 MV-7100 MV-7102 MV-7110	see see see see	Automatic access valves & fittings	NS4-10mm NS4-12 NS4-12mm NS4-16mm NS4-18mm	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br



Part. nr.	Pdf	file	Part. nr.	Pd	file	7	Part. nr.	Pdf	file
NS4-22mm O' RING OAV-06FS OFD-553 OLC-12	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Automatic access valves & fittings Fluid control components Fluid control components Fluid control components	PMK-10-ALL PMK-11-ALL PMK-29-ALL PMK-30-ALL PO-230	see see see see	Evacuating and charging equipment Evacuating and charging equipment Evacuating and charging equipment Evacuating and charging equipment Refrigeration accessories		QCS-5/16x1/4 QCS-5/16x1/4 QC-S64 QVA-03 QVA-03	see see see see	Service manifolds, gauges and charging hoses Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Evacuating and charging equipment
OLC-B12 OPCV-1400 ORS-08 ORS-10 ORS-11	see see see see	Fluid control components Fluid control components Tube working tools Tube working tools Tube working tools	PPL-10 PRH-4D-24 PROBE-01/V2 PROBE-03/V2 PROBE-06/V2	see see see see	Tube working tools Tube working tools Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments		QVA-03 QVA-05 QVA-05 QVA-05 QVA-103	see see see see	Service manifolds, gauges and charging hoses Evacuating and charging equipment Service manifolds, gauges and charging hoses Automatic access valves & fittings Automatic access valves & fittings
ORS-12 ORS-13 ORS-14 ORS-15 ORS-16	see see see see	Tube working tools	PRT-8020 PSA-200B PSA-200R PSBD-606 PSBD-606M	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Refrigeration accessories Refrigeration accessories		QVA-105 QVA-SET QVA-SET1 QWIKCHECK R-600A-BP	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Refrigeration accessories Service manifolds, gauges and charging hoses
ORS-17 ORS-18 ORS-19 ORS-20 ORS-21	see see see see	Tube working tools	PSBS-02 PSBS-03 PSBS-04 PSBS-05 PSBS-10	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		R-600A-HP RA-500 RA-500P RACK-06 RACK-08	see see see see	Service manifolds, gauges and charging hoses Electronic measurement and control instruments Electronic measurement and control instruments Tube working tools Tube working tools
ORS-22 ORS-23 ORS-24 ORS-26 ORV-08	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Fluid control components	PS-HP200-150 PS-HP250-150 PS-HP300-200 PS-HP350-250 PS-HP400-200	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		RB-1 RB-4240 RB-4240 RCH-10 RCH-10	see see see see	Tube working tools Service manifolds, gauges and charging hoses Copper tubes, coils & solder fittings (Inch & Metric) Evacuating and charging equipment Evacuating and charging equipment
ORV-12 ORV-15 ORVS-1008 OS-81 OS-82	see see see see	Fluid control components	PS-HP450-250 PS-LP05-20 PS-LP25-80 PS-LP40-80 PS-MC-HP-440	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		RCH-10 RCH-10 RCO-420 RCYL-12L RCYL-30L	see see see see	Evacuating and charging equipment Refrigeration accessories Refrigeration accessories Evacuating and charging equipment Evacuating and charging equipment
OS-85 OS-87 OS-88 OS-90 OSC-85	see see see see	Fluid control components	PS-MF-HP-410 PSO-2B PSO-2ES PSO-3B PSO-3ES	see see see see	Refrigeration accessories Fluid control components		RCYL-50L RED-FF-S-0021 RED-FF-S-0032 RED-FF-S-0042 RED-FF-S-0043	see see see see	Evacuating and charging equipment Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
OSC-87 OSC-88 OSC-90 OSC-92 OST-2270	see see see see	Fluid control components	PSO-4B PSO-4ES PSO-5B PSO-5ES PSO-7S	see see see see	Fluid control components		RED-FF-S-0062 RED-FF-S-0063 RED-FF-S-0064 RED-FF-S-0082 RED-FF-S-0083	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
OST-700 P-11 P-12 P-17 P-18	see see see see	Fluid control components Tube working tools	PSO-9S PSS-100B PSS-100R PSS-200B PSS-200R	see see see see	Fluid control components Electronic measurement and control instruments		RED-FF-S-0084 RED-FF-S-0086 RED-FF-S-0102 RED-FF-S-0103 RED-FF-S-0104	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
P2-03 P2-04 P2-05 P2-06 P2-08	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	PT-100 PT-109 PT-14285 PTCB-340 PTCB-350	see see see see	Electronic measurement and control instruments Tube working tools		RED-FF-S-0106 RED-FF-S-0108 RED-FF-S-0122 RED-FF-S-0123 RED-FF-S-0124	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
P2-10 P2-12 P-8 P-9 PAINT	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Tube working tools Tube working tools Copper tubes, coils & solder fittings (Inch & Metric)	PTCB-360 PTCB-370 PTCB-380 PTCB-390 PTR-1	see see see see	Tube working tools Service manifolds, gauges and charging hoses		RED-FF-S-0126 RED-FF-S-0128 RED-FF-S-0162 RED-FF-S-0163 RED-FF-S-0164	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
PAS-090 PAS-22B PAS-23B PAS-32B PAS-33B	see see see see	Fluid control components	PTR-1 PTR-1B PTR-2 PV3P-10102 PVB-10102	see see see see	Tube working tools		RED-FF-S-0166 RED-FF-S-0168 RED-FF-S-0208 RED-FF-S-1210 RED-FF-S-1612	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PAS-44B PAS-45B PAS-761-US PAS-768-US PAS-771B-US	see see see see	Fluid control components	PVC-200/2 mm PVC-300/3 mm PVC-CLIP-200 PVC-CLIP-300 PVC-RAIL	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories		RED-FF-S-2012 RED-FF-S-2016 RED-FF-S-2412 RED-FF-S-2416 RED-FF-S-2420	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PAS-771R-US PAS-771-US PAS-773-US PC-42 PC-42	see see see see	Fluid control components Fluid control components Fluid control components Service manifolds, gauges and charging hoses Tube working tools	PW-5014 PW-5036 QAA-04 QAA-04 QAA-05	see see see see	Tube working tools Tube working tools Service manifolds, gauges and charging hoses Automatic access valves & fittings Automatic access valves & fittings		RED-MF-0032 RED-MF-0042 RED-MF-0043 RED-MF-0062 RED-MF-0064	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PC-42/BLADE PC-63 PC-63/BLADE PCG-2642 PCG-35	see see see see	Tube working tools	QAA-06 QAG-04 QAG-05 QAG-06 QAI-04	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings		RED-MF-0084 RED-MF-0086 RED-MF-0106 RED-MF-0108 RED-MF-0128	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PCG-B35 PFB-06 PFB-08 PFB-10 PFB-12	see see see see	Tube working tools	QAI-05 QAI-06 QC-13445-134a QC-2342 QC-48-3/4	see see see see	Automatic access valves & fittings Fluid control components		RED-MF-1210 RED-MF-S-0032 RED-MF-S-0042 RED-MF-S-0043 RED-MF-S-0062	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PFB-14 PFB-16 PFB-18 PH-11 PH-12	see see see see	Tube working tools	QCA-5/16x1/4 QCA-5/16x1/4 QCCA QC-E3 QC-E64	see see see see	Service manifolds, gauges and charging hoses Automatic access valves & fittings Tube working tools Evacuating and charging equipment Automatic access valves & fittings		RED-MF-S-0063 RED-MF-S-0064 RED-MF-S-0082 RED-MF-S-0083 RED-MF-S-0084	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PH-17 PH-18 PH-22 PIPETTE/1 PIPETTE/2	see see see see	Tube working tools Tube working tools Tube working tools Refrigeration accessories Refrigeration accessories	QCF-04 QCF-06 QCM-04 QCM-06 QC-S2	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings		RED-MF-S-0086 RED-MF-S-0104 RED-MF-S-0106 RED-MF-S-0108 RED-MF-S-0122	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
PM-120C PM-80-B PM-80-R PMK-08-ALL PMK-09-ALL	see see see see see	Electronic measurement and control instruments Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Evacuating and charging equipment Evacuating and charging equipment	QC-S4 QC-S46 QC-S4A QC-S4A-134a QC-S4B	see see see see	Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings		RED-MF-S-0123 RED-MF-S-0124 RED-MF-S-0126 RED-MF-S-0128 RED-MF-S-0164	see see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"



Part. nr.	Pdf	file	Part. nr.	Pdf	file	Part. nr.	Pdf	file
RED-MF-S-0168 RED-MF-S-1210	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"	SB-007 SB-049	see see	Refrigeration accessories Refrigeration accessories	SUNISO-4GS-20 SUNISO-5G-04	see see	Refrigeration accessories Refrigeration accessories
RED-MF-S-1210 RED-MF-S-1610 RED-MF-S-1612 RED-MF-S-2016	see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"	SB-101 SB-103 SB-110	see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories	SUNISO-3G-04 SUNISO-SL32-04 SUPER-3790 SUPER-947	see see see	Refingeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories
RFM-20 RFM-60 RHP-082-S RHP-083 RHP-083-S	see see see see see	Refrigeration accessories Refrigeration accessories Fluid control components Fluid control components Fluid control components	SB-113 SBLT-024 SBLT-048 SBLT-100 SBS-1483	see see see see see	Refrigeration accessories Fluid control components Fluid control components Fluid control components Refrigeration accessories	SV2W-38/110 SV2W-38/220 SV2W-38/627-VRP-110 SV2W-38/627-VRP-220 SWM-4D-41	see see see see	Evacuating and charging equipment Evacuating and charging equipment Evacuating and charging equipment Evacuating and charging equipment Tube working tools
RHP-084-S RHP-163 RHP-163-S RHP-164 RHP-164-S	see see see see	Fluid control components	SBS-1907 SBS-2754 SBS-3178 SBS-3672 SCK-6D08M	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Tube working tools	T1-04A T1-04B T1-04C T1-06B T1-06C	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
RHP-165 RHP-165-S RIO-208 RIO-208 RIO-208	see see see see	Fluid control components Fluid control components Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	SCK-6D10M SCK-6D12M SF-28-154 SF-28-172 SF-28-200	see see see see	Tube working tools Tube working tools Refrigeration accessories Refrigeration accessories Refrigeration accessories	T1-08C T1-08D T1-10C T1-10D T2-04	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
RIO-208 RK-800B RK-800R RO-41 RO-42	see see see see	Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Refrigeration accessories Refrigeration accessories	SF-28-230 SF-28-254 SF-28-300 SG-110 SG-110R	see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Fluid control components Fluid control components	T2-05 T2-06 T2-08 T2-10 T2-12	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
RO-62 RO-82 ROT-100-S02-C ROT-100-S03-C ROT-100-S05-C	see see see see	Refrigeration accessories Refrigeration accessories Fluid control components Fluid control components Fluid control components	SG-111 SG-111R SG-114 SG-114R SG-115	see see see see	Fluid control components	T3-04A T3-04B T3-06B T3-08D T3-10D	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
ROT-100-S06-C ROT-200-1x3/8 ROT-200-S07-C ROT-200-S08-C ROT-200-S11-C	see see see see	Fluid control components	SG-115R SG-118 SG-118R SG-119 SG-119R	see see see see	Fluid control components	T3-12E T3F-02 T3F-03 T3F-04 T3F-06	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
ROT-200-S12-C ROT-200-S14-C ROT-202-1x1/2 ROT-202-1x3/8 ROT-222-11/4x3/4	see see see see	Fluid control components	SG-204 SG-204R SG-205 SG-205R SG-206	see see see see	Fluid control components	T3F-08 T3F-10 T3F-12 T3F-16 T3F-S-02	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
ROT-222-11/4x5/8 ROT-222-1x5/8 ROT-300-S16-C ROT-300-S17-C ROT-300-S21-C	see see see see	Fluid control components	SG-206R SG-207 SG-207R SG-208 SG-208R	see see see see	Fluid control components	T3F-S-03 T3F-S-04 T3F-S-06 T3F-S-08 T3F-S-10	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
ROT-300-S22-C ROT-302-11/4x11/8 ROT-302-11/4x7/8 ROT-302-13/4x7/8 ROT-352-13/4x11/8	see see see see	Fluid control components	SG-209 SG-209R SH-1075 SH-1075 SH-2010	see see see see see	Fluid control components Fluid control components Fluid control components Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments	T3F-S-12 T3F-S-16 T3F-S-20 T3F-S-24 T6-4	see see see see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged br
ROT-352-13/4x13/8 ROT-400-S28-C ROT-500-S31-C ROT-500-S32-C RS-09	see see see see	Fluid control components Fluid control components Fluid control components Fluid control components Refrigeration accessories	SH-2010 SH-4011 SH-4011 SH-4040 SH-4040	see see see see	Electronic measurement and control instruments	TAHL-5 TB-03 TB-06 TB-06 TB-16	see see see see	Electronic measurement and control instruments Tube working tools Tube working tools Service manifolds, gauges and charging hoses Tube working tools
RS-128C RS-128R RS-15 RS-20 RS-31	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Refrigeration accessories Refrigeration accessories Refrigeration accessories	SH-5005 SH-5005 SH-66-AC SH-88A SH-9010	see see see see	Electronic measurement and control instruments	TB-16 TB-364-04 TB-364-05/8mm TB-364-05/8mm TB-364-06	see see see see	Service manifolds, gauges and charging hoses Tube working tools Tube working tools Tube working tools Tube working tools
RSC-20 RSD-175 RSS-62 RT-700K RT-750A	see see see see	Refrigeration accessories Tube working tools Tube working tools Refrigeration accessories Refrigeration accessories	SH-9010 SH-9015 SH-9015 SK-11 SK-21	see see see see	Electronic measurement and control instruments Electronic measurement and control instruments Electronic measurement and control instruments Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	TB-364-06mm TB-364-08 TB-364-10 TB-364-10mm TB-364-12	see see see see	Tube working tools
RT-751M RT-752C RTC-127 RTC-127-A RTC-127-B	see see see see	Refrigeration accessories Refrigeration accessories Tube working tools Tube working tools Tube working tools	SK-2IA SK-2IE SK-6/Inch SK-6I SLM-8050	see see see see see	Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Electronic measurement and control instruments	TB-364-12/H TB-364-12mm TB-364-15mm TB-364-16mm TC-0316	see see see see	Tube working tools
RTC-274 RTC-274-A RTC-274-B RV-220 RW-0608/1012	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Evacuating and charging equipment Tube working tools	SOLDER-118 SP-120 SPUN-619 SPUN-621 SRH-77A	see see see see	Refrigeration accessories Electronic measurement and control instruments Fluid control components Fluid control components Electronic measurement and control instruments	TC-0316-H TC-0328 TC-0328-H TC-0432-ZR TC-0432-ZRH	see see see see	Tube working tools
RW-0910/1112 RW-1012/1314 RW-124 RW-127 RW-127	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses	SRP-08 SSL-083 SSL-084 SSL-084-S SSL-165	see see see see	Tube working tools Fluid control components	TC-0638-R TC-0638-RH TC-1000 TC-1000-SP TC-10168-Z	see see see see	Tube working tools
RW-127 RW-1314/1719 SA-11/8 SA-13/8 SA-15/8	see see see see	Tube working tools Tube working tools Fluid control components Fluid control components Fluid control components Fluid control components	SSL-165-S SSL-166-S SSL-307-S SSL-419-S SSL-4811-S	see see see see	Fluid control components	TC-10168-ZC TC-1020 TC-1050 TC-1050-SP TC-127	see see see see	Tube working tools Service manifolds, gauges and charging hoses
SA-21/8 SA-507 SACV2-04 SACV3-04 SACV3-06	see see see see	Fluid control components Fluid control components Automatic access valves & fittings Automatic access valves & fittings Automatic access valves & fittings	SSL-4813-S STB-7000 STB-7000 STT-796 STT-800	see see see see	Fluid control components Service manifolds, gauges and charging hoses Tube working tools Refrigeration accessories Refrigeration accessories	TC-127 TC-2050 TC-206 TC-274 TC-274	see see see see	Tube working tools Tube working tools Tube working tools Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses
SACV3-08 SACV3-10 SACV3-12 SB-002 SB-003	see see see see see	Automatic access valves & fittings Refrigeration accessories Refrigeration accessories	STT-891 SUNISO-3,5GS-04 SUNISO-3GS-04 SUNISO-3GS-20 SUNISO-4GS-04	see see see see see	Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories Refrigeration accessories	TC-274 TC-274 TC-307 TC-307 TC-312	see see see see	Tube working tools Service manifolds, gauges and charging hoses Service manifolds, gauges and charging hoses Tube working tools Tube working tools

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Part. nr.	Pdf file	Part. nr.	Pdf file	Part. nr. P	Pdf file
TC-5140-Z TC-5140-ZC TC-B307 TC-R06C TC-R06H	see Tube working tools	TPI9-010 TPI9-012 TPI9-015 TPI9-018 TPI9-022	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U1-10B S6 U1-10C S6 U1-10D S6 U1-10E S6 U1-12D S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TC-S03 TCS-0332 TC-S04 TC-S05 TCS-38114	see Tube working tools	TPI9-028 TPI9-030 TPI9-035 TPI9-042 TPI9-048	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U1-12E Se U-1200-S07 Sr U-1200-S08 Se U-1200-S12 Sr U-1300-S13 Se	ee Fluid control components ee Fluid control components ee Fluid control components
TC-W03C TC-W03H TC-W06A TC-W06H TC-W51A	see Tube working tools	TPI9-064 TPI9-070	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) sec Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U-1300-S17 se U-1300-S21 se	ee Fluid control components ee Fluid control components
TC-W51A TC-W51C TC-W51C TE-6-01 TE-6-01	see Tube working tools see Tube working tools Tube working tools see Service manifolds, gauges and charging hoses see Tube working tools	TPI9-102 TPI9-108	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U-1400-S28 S8 U-1400-S31 S8 U-1400-S32 S6 U-1500-S05 S8 U-1500-S06 S8	ee Fluid control components ee Fluid control components ee Fluid control components
TE-6-02 TEC-7 TEC-7/TR TEC-8/TR TEM-6	see Tube working tools	TPI9-125 TPI9-133 TPI9-140 TPI9-160 TPM-1/V2	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Electronic measurement and control instruments	U-1600-S11 se U-1700-S13 se	ee Fluid control components ee Fluid control components
TG-01 TH-820 TH-850 THB-368 THM-50	see Tube working tools see Electronic measurement and control instruments see Electronic measurement and control instruments see Tube working tools see Electronic measurement and control instruments	TPM-62 TR2-00446 TR2-00664	see Electronic measurement and control instruments see Electronic measurement and control instruments see Electronic measurement and control instruments see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE"	U-1700-S17 S6 U-1700-S21 S6 U-1700-S22 S7 U-1800-S28 S6 U-1800-S31 S6	ee Fluid control components ee Fluid control components ee Fluid control components ee Fluid control components
THM-5025-H THM-50-S TL-13 TL-17 TM-99A	see Electronic measurement and control instruments see Electronic measurement and control instruments tube working tools see Tube working tools see Electronic measurement and control instruments	TR2-00668 TR2-00866 TRACE2-118 TRACE2-3790 TRACE2-474	see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Refingeration accessories see Refingeration accessories Refingeration accessories	U-200-S08 se	ee Fluid control components ee Fluid control components ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TP-402B TP-402R TPI13-006 TPI13-008 TPI13-010	see Electronic measurement and control instruments see Electronic measurement and control instruments copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric)	TSPM-2/V2	see Refrigeration accessories see Refrigeration accessories see Electronic measurement and control instruments see Electronic measurement and control instruments see Electronic measurement and control instruments		ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI13-012 TPI13-015 TPI13-018 TPI13-022 TPI13-028	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)		see Tube working tools see Tube working tools see Electronic measurement and control instruments see Electronic measurement and control instruments see Electronic measurement and control instruments	U-2300-06 si U-2300-08 si U-2300-10 si U-2300-14 si U-300-S08 si	ee Fluid control components ee Fluid control components ee Fluid control components
TPI13-035 TPI13-042 TPI13-048 TPI13-054 TPI13-060	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	TSWM-35 TSWM-35/EXT TT1-001 TT2-001 TU-04I	see Electronic measurement and control instruments see Electronic measurement and control instruments see Refrigeration accessories see Refrigeration accessories see Copper tubes, coils & solder fittings (Inch & Metric)	U-300-S14 se	ee Fluid control components ee Fluid control components ee Service manifolds, gauges and charging hoses
TPI13-064 TPI13-070 TPI13-076 TPI13-089 TPI13-102	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	TU-06I TU-08I TU-10I TU-12I TU-14I	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U3-04B S6 U3-04B S6 U3-04C S6 U3-05A S6 U3-05B S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI13-108 TPI13-114 TPI13-125 TPI13-140 TPI13-160	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	TU-16I TU-18I TU-22I TU-26I TU-34I	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U3-06D se	
TPI20-015 TPI20-018 TPI20-022 TPI20-028 TPI20-035	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)		see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U3-08C S6 U3-08D S6 U3-10C S6 U3-10D S6 U3-10E S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI20-042 TPI20-048 TPI20-054 TPI20-060 TPI20-064	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	TWM-1/V2 TX-9 TX-9 U1-03A U1-04A	see Electronic measurement and control instruments see Tube working tools see Service manifolds, gauges and charging hoses see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE"	U-400-S16 SE U-400-S17 SE U4-04 SE U4-06 SE U4-08 SE	ee Fluid control components ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI20-070 TPI20-076 TPI20-089 TPI20-102 TPI20-108	see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric)	U1-04B U1-04C U1-04C U1-04D U1-04M14	see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Evacuating and charging equipment see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Evacuating and charging equipment	U-500-S22 se	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Fluid control components ee Fluid control components
TPI20-114 TPI20-125 TPI20-140 TPI20-160 TPI32-018	see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric)	U1-04M14 U1-05A U1-05B U1-05C U1-06A	see Service manifolds, gauges and charging hoses see Forged brass & steel fittings "NPT & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE"	U5-04B S6 U5-06B S6 U5-08D S6 U6-4A S6 U6-4B S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI32-022 TPI32-028 TPI32-035 TPI32-042 TPI32-048	see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric)	U1-06B U1-06C U1-06C U1-06D U1-06E	see Forged brass & steel fittings "NPT" & "NPT 45" SAE" Evacuating and charging equipment see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE"	UFF-04 se	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI32-054 TPI32-060 TPI32-064 TPI32-070 TPI32-076	see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric)		see Evacuating and charging equipment see Service manifolds, gauges and charging hoses see Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Forged brass & steel fittings "NPT" & "NPT 45" SAE"	UFF-10 S6 UFF-12 S5 UFF-S-02 S6 UFF-S-03 S6 UFF-S-04 S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"
TPI32-089 TPI32-114 TPI32-140 TPI9-006 TPI9-008	see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) see Copper tubes, coils & solder fittings (Inch & Metric) copper tubes, coils & solder fittings (Inch & Metric)	U1-08D U1-08E U-1100-S03 U-1100-S05 U-1100-S06	see Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" see Fluid control components see Fluid control components	UFF-S-06 S6 UFF-S-08 S7 UFF-S-10 S6 UFF-S-12 S7 UFF-S-16 S6	ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE" ee Forged brass & steel fittings "NPT" & "NPT 45° SAE"



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UFF-S-20	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UFF-S-24	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UMF-02 UMF-03	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UMF-04	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UMF-06	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UMF-08	see	Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE" Forged brass & steel fittings "NPT" & "NPT 45" SAE"
UMF-10 UMF-12	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UMF-16	see	Forged brass & steel fittings "NPT" & "NPT 45" SAE"
UR2-0043	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0054	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0064 UR2-0065	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0084	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0086	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0104	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0106 UR2-0108	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-0128	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR2-1210	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0046	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0048 UR3-0064	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0065	see	Forged brass & steel fittings "NPT" & "NPT 45" SAE"
UR3-0068	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0084 UR3-0086	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0106	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0108	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-0810	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UR3-1012 UR3-1210	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US-032	see	Fluid control components
US-032-S	see	Fluid control components
US-052	see	Fluid control components
US-053 US-053-S	see	Fluid control components Fluid control components
US-082 US-082-S	see see	Fluid control components
		Fluid control components
US-083 US-083-S	see see	Fluid control components Fluid control components
US-084	see	Fluid control components
US-1/2-SS US-1/4-MF	see see	Fluid control components Fluid control components
US-1/4-MM	see	Fluid control components
US-11/8-SS-RC	see	Fluid control components
US-14412-SW US-14413		Fluid control components Fluid control components
US-14417	see	Fluid control components
US-162	see	Fluid control components
US-163 US-163		Fluid control components  Evacuating and charging equipment
US-163-S	see	Fluid control components
US-164	see	Fluid control components
US-164-S	see	Fluid control components
US-165 US-165-S	see see	Fluid control components Fluid control components
US-19216-SW	see	Fluid control components
US-3/8-SS	see	Fluid control components
US-30013 US-30021	see see	Fluid control components Fluid control components
US3-0044	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0045 US3-0046	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0064	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0065	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0066 US3-0068	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0086	see	Forged brass & steel fittings "NPT" & "NPT 45" SAE"
US3-0088	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-0108 US-303	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Fluid control components
US-304	see	Fluid control components
US-304-S	see	Fluid control components
US-305 US-305-S	see see	Fluid control components Fluid control components
US3-0610		Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US-307-S US3-0810	see see	Fluid control components Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-1010 US3-1012	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-1014 US3-1212	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US3-1212 US3-1214	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US-40016-SW	see	Fluid control components
US-40017	see	Fluid control components
US-40021 US-40025	see see	Fluid control components Fluid control components
US4-04	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US4-06	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US4-08 US4-10	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US-414 US-414-S	see	Fluid control components Fluid control components
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US-415	see	Fluid control components
US-415-S US-417-S	see see	Fluid control components Fluid control components
US-419-S US-485	see see	Fluid control components Fluid control components
US-487 US-488-SW	see	Fluid control components Fluid control components
US-489	see	Fluid control components
US-5/8-SS US5-0044	see see	Fluid control components Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US5-0066 US5-0088	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US5-1010	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
US-810-CC US-810-CF	see see	Fluid control components Fluid control components
US-810-CM US-810-F	see	Fluid control components
US-824-CC	see see	Fluid control components Fluid control components
US-824-CM US-824-F	see see	Fluid control components Fluid control components
US-83711 US-83713	see	Fluid control components
US-848-C	see see	Fluid control components Fluid control components
US-848-CC US-848-CF	see see	Fluid control components Fluid control components
US-848-CM	see	Fluid control components
US-848-F US-85713	see see	Fluid control components Fluid control components
US-85721 US-86725	see see	Fluid control components Fluid control components
US-9610-SW	see	Fluid control components
US-9613 USD-11/8-SS	see	Fluid control components Fluid control components
USD-13/8-SS USD-15/8-SS	see	Fluid control components Fluid control components
USD-21/8-SS	see	Fluid control components
USD-25/8-SS	see	Fluid control components
USTK-04 USTK-04	see see	Tube working tools Forged brass & steel fittings "NPT" & "NPT 45° SAE"
USTK-06	see	Tube working tools  Forged brass & steel fittings "NPT" & "NPT 45° SAE"
USTK-08	see	Tube working tools
USTK-08 USTK-10	see see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Tube working tools
USTK-10	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE"
USTK-12 USTK-12	see see	Tube working tools Forged brass & steel fittings "NPT" & "NPT 45° SAE"
USTKR-46 USTKR-46	see see	Tube working tools Forged brass & steel fittings "NPT" & "NPT 45° SAE"
UVL-240	see	Electronic measurement and control instruments
UVL-240 UVL-50W	see see	Refrigeration accessories Electronic measurement and control instruments
UVL-AC UVL-BCQ	see see	Electronic measurement and control instruments Electronic measurement and control instruments
UVL-BCS	see	Electronic measurement and control instruments
UVL-GLASS UVL-PBP	see see	Electronic measurement and control instruments Electronic measurement and control instruments
UX1-4A UX1-4B	see	Forged brass & steel fittings "NPT" & "NPT 45° SAE" Forged brass & steel fittings "NPT" & "NPT 45° SAE"
V-35040	see	Fluid control components
V-35042 VA-39	see see	Fluid control components Automatic access valves & fittings
VAS-01 VAS-03	see see	Fluid control components Fluid control components
VAS-04		Fluid control components
VAS-05 VAS-06		Fluid control components Fluid control components
VAS-08	see	Fluid control components
VAS-09 VAS-10	see	Fluid control components Fluid control components
VAS-10mm VAS-11	see see	
VAS-12mm	see	Fluid control components
VAS-16mm VAS-18mm	see see	Fluid control components Fluid control components
VAS-22mm VAS-28mm	see see	Fluid control components Fluid control components
VAS-35mm	see	Fluid control components
VAS-42mm VAS-54mm	see see	Fluid control components Fluid control components
VAS-70mm VAS-82	see see	Fluid control components Fluid control components
VAS-83	see	Fluid control components
VAS-84 VAS-86		Fluid control components Fluid control components
VASC-01 VASC-02	see see	Fluid control components Fluid control components
VASC-03	see	Fluid control components
VASC-04 VASC-05		Fluid control components Fluid control components
VASC-06		Fluid control components
VASC-07 VASC-08	see	Fluid control components
VASC-09 VASC-10	see	Fluid control components Fluid control components
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Part. nr.	Pdf	file
VASC-10 mm VASC-11	See See	Fluid control components Fluid control components
VASC-12 mm	see	Fluid control components
VASC-16 mm	see	
VASC-18 mm	see	Fluid control components
VASC-22 mm	see	
VASC-28 mm VASC-35 mm	see	Fluid control components Fluid control components
VASC-42 mm	see	Fluid control components
VASC-54 mm	see	Fluid control components
VASC-82	see	Fluid control components
VASC-83	see	
VASC-84 VASC-85	see	Fluid control components Fluid control components
VASC-86	see	
VG-10	see	Tube working tools
VG-12	see	Tube working tools
VG-12ING VG-14	see see	Tube working tools Tube working tools
VG-14G	see	Tube working tools
VG-14I	see	Tube working tools
VG-15	see	Tube working tools
VG-16 VG-17	see see	Tube working tools
VG-17 VG-18	see	Tube working tools Tube working tools
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VG-19 VN05-13/1056/V2	see see	Tube working tools Refrigeration accessories
VN-10-20/1103/V2	see	Refrigeration accessories
VNT-18-30/46/V2 VNT-25-40/25/V2	see see	Refrigeration accessories Refrigeration accessories
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VNT-34-45/25/V2 VOC-10	see	Refrigeration accessories Tube working tools
VOC-10 VOC-10	see see	
VOC-15	see	Tube working tools
VOC-15	see	Fluid control components
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VOC-18 VPC-40		Fluid control components Evacuating and charging equipment
VPF-40		Evacuating and charging equipment
VT-400	see	
W3-V-80	see	Service manifolds, gauges and charging hoses
WA-1000	see	Tube working tools
WB-1 WBO-100	see see	Tube working tools Refrigeration accessories
WBO-100N	see	Refrigeration accessories
WBO-120	see	Refrigeration accessories
WBO-120N	see	Refrigeration accessories
WBO-150R WBO-250	see see	Refrigeration accessories Refrigeration accessories
WBO-K10	see	Refrigeration accessories
WBO-K10N	see	Refrigeration accessories
WBO-K12	see	Refrigeration accessories
WBO-K12N WBO-K15	see	Refrigeration accessories Refrigeration accessories
WBO-K15 WBO-K15R	see	Refrigeration accessories
INDO KOE		P. Construction
WBO-K25 WCP-010/230V	see see	Refrigeration accessories Refrigeration accessories
WCP-020/230V	see	Refrigeration accessories
WDT-128-BODY WDT-128C	see see	Electronic measurement and control instruments Electronic measurement and control instruments
WDT-128R WKL-5	see see	Electronic measurement and control instruments
WM-80-B	see	Tube working tools Service manifolds, gauges and charging hoses
WM-80-R	see	Service manifolds, gauges and charging hoses
WPP-9	see	Tube working tools
WS-005	see	
WS-005-1L-1/4 WS-005-1L-5/16	see see	Electronic measurement and control instruments Electronic measurement and control instruments
WS-005-1L-7/16	see	Electronic measurement and control instruments
WS-055	see	Electronic measurement and control instruments
WS-150	see	Electronic measurement and control instruments
WS-30 WS-AC	see see	Evacuating and charging equipment Electronic measurement and control instruments
WS-AC-EU	see	Electronic measurement and control instruments
WS-AC-UK	see	Electronic measurement and control instruments
WS-AC-USA	see	Electronic measurement and control instruments
WS-ASV WT-389	see	Electronic measurement and control instruments
WT-389/P	see see	Electronic measurement and control instruments Electronic measurement and control instruments
XLD-6050	see	Electronic measurement and control instruments
XPC-06M	see	Tube working tools
XPC-07I	see	Tube working tools
XPC-T ZERICE	see see	Tube working tools Refrigeration accessories
ZEROL-150-5L	see	
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