



HART

# *Ceramic Tubes*

for chimney systems



MULTIKERAM · KLASSIK · AT-TUBES

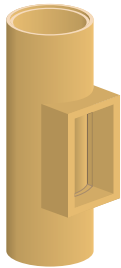
**HART**  
KERAMIK AG



## HART AT Tubes

Ceramic tubes in accordance with DIN EN 1457-1  
CE 1085 HART AT 1457-1 - (Ø) - A1N1

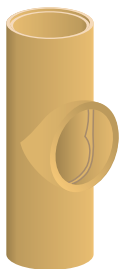
AT tubes, round, installation length 33.3 cm					AT	
Nominal diameter	Wall thickness	Cross-section	Weight	EURO-palett	Unglazed	
					PO number	Price €/meters going up
mm	mm	cm	kg/meters going up	meters going up		
<b>160</b>	15	201	16,10	41,66	12050 0160	
<b>180</b>	20	254	26,00	30,00	12050 0180	
<b>200</b>	20	314	27,50	21,66	12050 0200	



## Cleaning Door Junctions (PTÖ)

Two (2) ea. 33 cm tubes are joined to create these inserts

AT cleaning door junctions (PTÖ), installation length 66.3 cm					AT - PTÖ	
Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	EURO-palett	Unglazed	
					PO number	Price €/unit
mm	mm	mm	kg/unit	unit		
<b>160</b>	140/265	30	13,70	30	12050 2160	
<b>180</b>	140/265	30	18,70	30	12050 2180	
<b>200</b>	140/265	30	20,90	24	12050 2200	



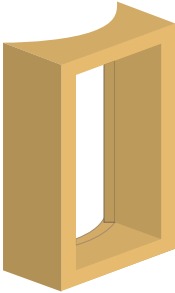
## Flue-Tube Junctions (RRÖ)

AT flue-tube junctions (RRÖ), installation length 66.3 cm					AT - RRÖ	
Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	EURO-palett	Unglazed	
					PO number	Price €/unit
mm	mm	mm	kg/unit	unit		
<b>160</b>	160	78	14,10	24	12050 3160	
<b>180</b>	180	78	18,70	22	12050 3180	
<b>200</b>	200	78	21,80	18	12050 3200	


- Note:**
1. For components for the AT tubes please see Pages 10 and 11
  2. Upon request (custom manufacture) we also supply AT flue-tube junctions with a 45° inclination (like for KLASSIK tubes)

## Components for round KLASSIK Tubes and AT Tubes

condensate tray KSS	Nominal diameter	Outer Ø	Construction height	Weight	Glazed inside	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	200	40	1,80	12041 1140	
	160	230	40	2,50	12041 1160	
	180	250	40	3,00	12041 1180	
	200	270	40	3,40	12041 1200	
	250	330	40	5,20	12041 1250	
	300	380	40	7,50	12041 1300	
	350	440	45	10,20	12041 1350	
	400	500	50	13,50	12041 1400	
	These condensate trays are also suitable for use with all spigot-and-socket tubes.					

cleaning-door saddle KLR - PA	Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	Unglazed	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	140/265	25	2,60	12061 2140	
	160	140/265	25	2,30	12061 2160	
	180	140/265	25	2,10	12061 2180	
	200	140/265	25	2,00	12061 2200	
	250	140/265	25	2,00	12061 2250	
	250	190/265	25	2,70	12061 2253	
	300	190/265	25	2,50	12061 2300	
	350	190/265	25	2,50	12061 2350	
	400	190/265	25	2,50	12061 2400	

Extension box for the cleaning-door saddle with stopper, inclined at a 10° angle					KL - PTV	
120-250	140/265	25 cm	13,30	12061 0071		
120-250	140/265	50 cm	27,50	12061 0070		
250-400	190/265	50 cm	28,00	12061 0080		


flue-tube saddle KLR - RA short	Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	Unglazed	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	140	75	1,40	12061 3140	
	160/15	160	78	2,20	12061 3164	
	180/15	180	78	2,30	12061 3184	
	200/15	200	78	2,60	12061 3204	
	250	250	90	3,20	12061 3250	
	300	300	95	8,10	12061 3300	
	350	350	95	10,70	12061 3350	
	400	400	95	13,00	12061 3400	

Angle pieces / elbows unglazed	Please indicate the angular degree in your order Price = meters up of tube x 3
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Inclined runs for dry operation acc. to DIN 18 160	12100
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**Note:** Retrofittable flue-tube and cleaning-door connections available as complete sets.


## Components for round KLASSIK Tubes and AT Tubes


flue-tube saddle KLR - RA long	Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	Unglazed	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	140	200	3,10	12061 4140	
	160/15	160	200	3,60	12061 4164	
	180/15	180	200	5,20	12061 4184	
	200/15	200	200	5,50	12061 4204	

flue-tube saddle KLR - RA long 45 °	Nominal diameter	construction clear width of connection piece	Connection piece length	Weight	Unglazed	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	140	200	3,90	12061 9140	
	160/15	160	200	3,80	12061 9164	
	180/15	180	200	6,20	12061 9184	
	200/15	200	200	7,40	12061 9204	

Saddle piece KOSA pressed for the inspection cover (for ceramic inspection cover RD)	Nominal Ø	Outer Ø	lichte Öffnung	Weight	PO number	Price €/unit
	mm	mm	mm	kg/unit		
	160	200/210	140	2,80	12096 1615	
	180	200/210	140	2,50	12096 1815	
	200	200/210	140	2,30	12096 2015	

saddles LASA I flue gas connection LAS	Nominal Ø	Outer Ø	Borehole	Weight	PO number	Price €/unit
	mm	mm	mm	kg/unit		
	140/160	150/150	100	0,55	12095 1611	
	180/200	150/150	100	0,50	12095 2011	
	250/300	150/150	100	0,80	12095 2511	

Cover lid for existing flue-tube junctions	Nominal Ø Tube	clear wight	Outer Ø of lid	Weight	Unglazed	
	mm	mm	mm	kg/unit	PO number	Price €/unit
	140	140	135	0,60	12031 1002	
	160	160	155	0,80		
	180	180	175	1,20		
	200	200	195	1,50		

soot panel RP	Nominal diameter	Ø	Weight	PO number	Price €/unit
	mm	mm	kg/unit		
	140 - 250	133	1,00	12031 2120	
	This soot panel is suitable for use with all types of ceramic tubes				