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Бесшовные горячекатаные трубы для гидроцилиндров
DIN 2448/1629H8 - St. 52.0

**Seamless hot rolled cylindertube according DIN 2448/1629
H8 - St. 52.0**

articlecode: **1215000**

According to

Material	: H8 - St. 52.0 materialnumber 1.0421
Outside diameter	: DIN 2448 (hot rolled)
Inside diameter	: honed or skived + roller burnished with H8 tolerance surface roughness (Ra) max. 0,4 µm measured with cut-off length of 0,8 mm
Straightness	: maximum 1:1000 mm maximum deviation compared to straight line the outside diameter tolerance not calculated
Wallthickness deviation	: according DIN 2448
Lengths	: deliveries in commercial lengths, or fixed lengths on request during the cutting there is a possibilty that tube-ends slightly ovalise

Mechanical properties

Yieldstrength	: $\geq 500-650$ N/mm ²
Tensile strength	: ≥ 335 N/mm ²
Elongation (A5)	: ≥ 21 %
Internal pressure	: DIN 2413 safety factor 2



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	Inside mm	Wallthickness mm	Outside mm	Kg/m	Int. pressure in bar	articlecode 1215040
	70	22,15	114,3	50,33		
	75	19,65	114,3	45,86		
	88,9	12,7	114,3	31,82		
	110	24,5	159	81,26		
	115	15,5	146	49,88		
	125	39	203	157,73		
	127	16	159	56,42		
	140	39,55	219	175,12		
	150	34,55	219	157,24		
	160	29,55	219,1	138,13		
	160	34,5	229	165,47		
	180	32,25	244,5	168,80		
	200	36,5	273	212,87		
	203,2	12,7	228,6	67,62		
	210	17,25	244,5	96,67		
	220	39,25	298,5	250,93		
	225	14,5	254	85,64		
	225	21	267	127,39		
	230	21,5	273	133,34		
	240	16,5	273	104,37		
	254	9,5	273	61,73		
	254	22,25	298,5	151,57		
	280	31,5	343	241,97		
	290	32,8	355,6	261,10		
	300	11,95	323,9	91,93		
	300	21,5	343	170,46		
	300	27,8	355,6	224,72		
	304,8	25,4	355,6	206,83		
	320	11,5	343	94,01		
	320	30,5	381	263,62		
	350	9	368	79,68		
	400	9,5	419	95,93		
	400	37,5	475	404,58		
	450	10	470	113,44		
	450	40	530	483,34		
	500	10,5	521	132,18		
	600	11	622	165,74		

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