ÒÐÓÁÛ ÑÒÀËÜÍÛÅ ÁÅÑØÎÂÍÛÅ ÕÎËÎÄÍÎÄÅÔÎÐÌÈÐÎÂÀÍÍÛÅ ÏÎ ÃÎÑÒ 8733-74/8734-75

Seamless steel cold-worked pipes made to GOST 8733-74/8734-75

Òðóáû èçãîòàâëèâàþòñÿ èç ìàðîê ñòàëè 10, 20, 35, 45, 30ÕÃÑÀ, 10Ã2, 09Ã2Ñ, 15ÕÌ, 15Õ, 20Õ, 40Õ.
Pipes are designated for general application and are made of 10, 20, 35, 45, 30HGSA, 10G2, 09G2S, 15HM, 15H, 20H, 40H steel grades.

Ñîðòàìåíò õîëîäíîäåôîðìèðîâàííûõ òðóá ïî ÃÎÑÒ 8733-74/8734-75 èç óãëåðîäèñòûõ è ëåãèðîâàííûõ ñòàëåé
Assortment of cold-worked pipes made of carbon and alloyed steel according to GOST 8733-74/8734-75

Íàðóæíûé äèàìåòð, ìì External diameter, mm	Òîëùèíà ñòåíêè, ìì Wall thickness, mm																														Íàðóæíûé äèàìåòð, ìì External diameter, mm
	0,5	0,6	0,8	1,0	1,2	1,4	1,5	1,6	1,8	2,0	2,2	2,5	2,8	3,0	3,2	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0	7,5	8,0	8,5	9,0	9,5	10,0	11,0	12,0	
	Ìàññà 1 ìåòðà, êã Weight of 1 meter, kg																															
6	0,068	0,080	0,103	0,123	0,142	0,159	0,166																									6
7	0,080	0,095	0,122	0,148	0,172	0,193	0,203	0,213	0,231	0,247																						7
8	0,092	0,109	0,142	0,173	0,201	0,228	0,240	0,253	0,275	0,296	0,315	0,339																				8
9	0,105	0,124	0,162	0,197	0,231	0,262	0,277	0,292	0,320	0,345	0,369	0,401																				9
10	0,117	0,139	0,182	0,222	0,260	0,297	0,314	0,331	0,364	0,395	0,423	0,462	0,497	0,518	0,537	0,561																10
11	0,129	0,154	0,201	0,247	0,290	0,331	0,351	0,371	0,408	0,444	0,477	0,524	0,566	0,592	0,616	0,647																11
12	0,142	0,169	0,221	0,271	0,320	0,366	0,388	0,410	0,453	0,493	0,532	0,586	0,635	0,666	0,694	0,734																12
13	0,154	0,183	0,241	0,296	0,349	0,401	0,425	0,450	0,497	0,543	0,586	0,647	0,704	0,740	0,773	0,820																13
14	0,166	0,198	0,260	0,321	0,379	0,435	0,462	0,489	0,542	0,592	0,640	0,709	0,773	0,814	0,852	0,906																14
15	0,179	0,213	0,280	0,345	0,408	0,470	0,499	0,529	0,586	0,641	0,694	0,771	0,842	0,888	0,931	0,993	1,085															15
16			0,300	0,370	0,438	0,504	0,536	0,568	0,630	0,691	0,749	0,832	0,911	0,962	1,010	1,079	1,184															16
17			0,320	0,395	0,468	0,539	0,573	0,608	0,675	0,740	0,803	0,894	0,981	1,036	1,089	1,165	1,282															17
18			0,339	0,419	0,497	0,573	0,610	0,647	0,719	0,789	0,857	0,956	1,050	1,110	1,168	1,252	1,381															18
19			0,359	0,444	0,527	0,608	0,647	0,687	0,764	0,838	0,911	1,017	1,119	1,184	1,247	1,338	1,480															19
20			0,379	0,469	0,556	0,642	0,684	0,726	0,808	0,888	0,966	1,079	1,188	1,258	1,326	1,424	1,578															20
21				0,493	0,586	0,677	0,721	0,765	0,852	0,937	1,020	1,141	1,257	1,332	1,405	1,511	1,677															21
22				0,518	0,616	0,711	0,758	0,805	0,897	0,986	1,074	1,202	1,326	1,406	1,484	1,597	1,776															22
23				0,543	0,645	0,746	0,795	0,844	0,941	1,036	1,129	1,264	1,395	1,480	1,563	1,683	1,874															23
24				0,567	0,675	0,780	0,832	0,884	0,985	1,085	1,183	1,326	1,464	1,554	1,641	1,769	1,973															24
25				0,592	0,704	0,815	0,869	0,923	1,030	1,134	1,237	1,387	1,533	1,628	1,720	1,856	2,072	2,275	2,466													25
26				0,617	0,734	0,849	0,906	0,963	1,074	1,184	1,291	1,449	1,602	1,702	1,799	1,942	2,170	2,386	2,589													26
27				0,641	0,764	0,884	0,943	1,002	1,119	1,233	1,346	1,511	1,671	1,776	1,878	2,028	2,269	2,497	2,713													27
28				0,666	0,793	0,918	0,980	1,042	1,163	1,282	1,400	1,572	1,740	1,850	1,957	2,115	2,368	2,608	2,836	3,052	3,255											28
30				0,715	0,852	0,987	1,054	1,121	1,252	1,381	1,508	1,695	1,878	1,998	2,115	2,287	2,565	2,830	3,083	3,323	3,551											30
32				0,765	0,911	1,056	1,128	1,200	1,341	1,480	1,617	1,819	2,016	2,146	2,273	2,460	2,762	3,052	3,329	3,594	3,847											32
34				0,814	0,971	1,126	1,202	1,278	1,429	1,578	1,725	1,942	2,154	2,294	2,431	2,633	2,959	3,274	3,576	3,866	4,143											34
35				0,838	1,000	1,160	1,239	1,318	1,474	1,628	1,780	2,004	2,223	2,368	2,510	2,719	3,058	3,385	3,699	4,001	4,291	4,569	4,834									35
36				0,863	1,030	1,195	1,276	1,357	1,518	1,677	1,834	2,065	2,293	2,441	2,588	2,805	3,157	3,496	3,823	4,137	4,439	4,729	5,006									36
38				0,912	1,089	1,264	1,350	1,436	1,607	1,776	1,942	2,189	2,431	2,589	2,746	2,978	3,354	3,718	4,069	4,408	4,735	5,049	5,352	5,641	5,919							38
40							1,424	1,515	1,696	1,874	2,051	2,312	2,569	2,737	2,904	3,151	3,551	3,940	4,316	4,680	5,031	5,370	5,697	6,011	6,313	6,603	6,881					40
42							1,498	1,594	1,785	1,973	2,159	2,435	2,707	2,885	3,062	3,323	3,749	4,162	4,562	4,951	5,327	5,691	6,042	6,381	6,708	7,022	7,324					42
45							1,609	1,712	1,918	2,121	2,322	2,620	2,914	3,107	3,299	3,582	4,044	4,495	4,932	5,358	5,771	6,172	6,560	6,936	7,300	7,651	7,990	8,317	8,632			45
48							1,720	1,831	2,051	2,269	2,485	2,805	3,121	3,329	3,535	3,841	4,340	4,827	5,302	5,765	6,215	6,652	7,078	7,491	7,892	8,280	8,656	9,020	9,371			48
50							1,794	1,910	2,140	2,368	2,593	2,929	3,259	3,477	3,693	4,014	4,538	5,049	5,549	6,036	6,511	6,973	7,423	7,861	8,286	8,699	9,100	9,489	9,865	10,580	11,246	50
51							1,831	1,949	2,184	2,417	2,648	2,990	3,328	3,551	3,772	4,100	4,636	5,160	5,672	6,172	6,659	7,133	7,596	8,046	8,484	8,909	9,322	9,723	10,111	10,851	11,542	51
53							1,905	2,028	2,273	2,515	2,756	3,114	3,466	3,699	3,930	4,273	4,834	5,382	5,919	6,443	6,955	7,454	7,941	8,416	8,878	9,328	9,766	10,191	10,604	11,394	12,133	53
54							1,942	2,068	2,317	2,565	2,810	3,175	3,535	3,773	4,009	4,359	4,932	5,493	6,042	6,578	7,103	7,614	8,114	8,601	9,075	9,538	9,988	10,426	10,851	11,665	12,429	54
56							2,016	2,147	2,406	2,663	2,919	3,298	3,674	3,921	4,167	4,532	5,130	5,715	6,289	6,850	7,398	7,935	8,459	8,971	9,470	9,957	10,432	10,894	11,344	12,207	13,021	56
57							2,053	2,186	2,450	2,713	2,973	3,360	3,743	3,995	4,246	4,618	5,228	5,826	6,412	6,985	7,546	8,095	8,632	9,156	9,667	10,167	10,654	11,129	11,591	12,479	13,317	57
60									2,584	2,861	3,136	3,545	3,950	4,217	4,482	4,877	5,524	6,159	6,782	7,392	7,990	8,576	9,149	9,710	10,259	10,796	11,320	11,831	12,331	13,293	14,205	60
63										3,009	3,299	3,730	4,157	4,439	4,719	5,136	5,820	6,492	7,152	7,799	8,434	9,057	9,667	10,265	10,851	11,424	11,985	12,534	13,071	14,106	15,093	63
65										3,107	3,407	3,853	4,295	4,587	4,877	5,308	6,017	6,714	7,398	8,070	8,730	9,378	10,013	10,635	11,246	11,844	12,429	13,003	13,564	14,649	15,685	65
68										3,255	3,570	4,038	4,502	4,809	5,114	5,567	6,313	7,047	7,768	8,477	9,174	9,858	10,530	11,190	11,838	12,473	13,095	13,706	14,304	15,463	16,573	68
70										3,354	3,679	4,162	4,640	4,957	5,272	5,740	6,511	7,269	8,015	8,749	9,470	10,179	10,876	11,560	12,232	12,892	13,539	14,174	14,797	16,005	17,164	70
73												4,347	4,847	5,179	5,508	5,999	6,807	7,602	8,385	9,156	9,914	10,660	11,394	12,115	12,824	13,521	14,205	14,877	15,537	16,819	18,052	73
75												4,470	4,986	5,327	5,666	6,172	7,004	7,824	8,632	9,427	10,210	10,981	11,739	12,485	13,219	13,940	14,649	15,346	16,030	17,362	18,644	75
76												4,532	5,055	5,401	5,745	6,258	7,103	7,935	8,755	9,562	10,358	11,141	11,912	12,670	13,416	14,150	14,871	15,580	16,277	17,633	18,940	76
80												4,778	5,331	5,697	6,061	6,603	7,497	8,379	9,248	10,105	10,950	11,782	12,602	13,410	14,205	14,988	15,759	16,517	17,263	18,718	20,124	80
83														5,919	6,298	6,862	7,793	8,712	9,618	10,512	11,394	12,263	13,120	13,965	14,797	15,617	16,425	17,220	18,003	19,532	21,012	83
85														6,067	6,455	7,035	7,990	8,934	9,865	10,783	11,690	12,584	13,465	14,334	15,191	16,036	16,868	17,688	18,496	20,074	21,603	85
89														6,363	6,771	7,380	8,385	9,378	10,358	11,326	12,281	13,225	14,156	15,074	15,981	16,875	17,756	18,626	19,483	21,160	22,787	89
90														6,437	6,850	7,466	8,484	9,489	10,481	11,461	12,429	13,385	14,328	15,259	16,178	17,084	17,978	18,860	19,729	21,431	23,083	90

Äëèíà òðóá: - íåìåðíàÿ îò 1.5 äî 9.0 ì; - ìåðíàÿ îò 4.5 äî 9.0 ì;
ñ ïðåäåëüíûìè îòêëîíåíèÿìè ïî äëèíå +10 ìì; äî 12 ì - ïî ñîãëàøåíèþ ñòîðîí.

Length of pipes: - random length from 1,5 to 9,0 m; - specified length from 4,5 to 9,0 m;
maximum deviations in length: +10 mm; up to 12 m - by agreement of the parties.

Äîïóñêàåìûå îòêëîíåíèÿ ïî ðàçìåðàì äëÿ õîëîäíîäåôîðìèðîâàííûõ òðóá (ÃÎÑÒ 8734-75)
Permissible deviations in dimensions for cold-worked pipes (GOST 8734-75)

Íàðóæíûé äèàìåòð, ìì External diameter, mm	Äîïóñêàåìûå îòêëîíåíèÿ Permissible deviations
îò 5 äî 10 âêëþ÷èòåëüíî from 5 to 10 inclusive	±0,15 ìì ±0,15 mm
ñâûøå 10 äî 30 âêëþ÷èòåëüíî over 10 to 30 inclusive	±0,30 ìì ±0,30 mm
ñâûøå 30 äî 50 âêëþ÷èòåëüíî over 30 to 50 inclusive	±0,40 ìì ±0,40 mm
ñâûøå 50 äî 90 âêëþ÷èòåëüíî over 50 to 90 inclusive	±0,80%

Òîëùèíà ñòåíêè, ìì Wall thickness, mm	Äîïóñêàåìûå îòêëîíåíèÿ Permissible deviations
äî 1 âêëþ÷èòåëüíî to 1 inclusive	±0,12 ìì
îò 1 äî 5 from 1 to 5	±10%
ñâûøå 5 over 5	±8%

Ìåõàíè÷åñêèå ñâîéñòâà
Mechanical properties

Ìàðêà ñòàëè Steel grade	Âðåìåííîå ñîïðîòèâëåíèå ðàçðûâó, Ì Ïà Tensile strength, MPa	Ïðåäåë òåêó÷åñòè, Ì Ïà Yield strength, MPa	Îòíîñèòåëüíîå óäëèíåíèå, % Elongation, pct
	íå ìåíåå / not less		
10	350	210	24
20	420	250	21
35	520	330	17
45	600	250	14
10Ã2	430	-	22
15Õ	420	-	19
20Õ	440	-	17
40Õ	630	-	14
30ÕÃÑÀ	500	-	18
15XM	440	230	21