

Problem	(a.k.a.)	Best Solution	Lower Bound	Source
abz5		1234		Nowicki
abz6		943		Nowicki
abz7		656		Pezzella
abz8		665	646	Brinkkötter
abz9		679	662	Brinkkötter
ft06		55		Nowicki
ft10		930		Nowicki
ft20		1165		Nowicki
orb01		1059		Pezzella
orb02		888		Pezzella
orb03		1005		Pezzella
orb04		1005		Pezzella
orb05		887		Pezzella
la01	F1	666		Nowicki
la02	F2	655		Nowicki
la03	F3	597		Nowicki
la04	F4	590		Nowicki
la05	F5	593		Nowicki
la06	G1	926		Nowicki
la07	G2	890		Nowicki
la08	G3	863		Nowicki
la09	G4	951		Nowicki
la10	G5	958		Nowicki
la11	H1	1222		Nowicki
la12	H2	1039		Nowicki
la13	H3	1150		Nowicki
la14	H4	1292		Nowicki
la15	H5	1207		Nowicki
la16	A1	945		Nowicki
la17	A2	784		Nowicki
la18	A3	848		Nowicki
la19	A4	842		Nowicki
la20	A5	902		Nowicki
la21	B1	1046		Pezzella
la22	B2	927		Nowicki
la23	B3	1032		Nowicki
la24	B4	935		Nowicki
la25	B5	977		Nowicki
la26	C1	1218		Nowicki
la27	C2	1235		Pezzella
la28	C3	1216		Pezzella
la29	C4	1153	1142	Pezzella
la30	C5	1355		Nowicki
la31	D1	1784		Nowicki
la32	D2	1850		Nowicki
la33	D3	1719		Nowicki
la34	D4	1721		Nowicki
la35	D5	1888		Nowicki

la36	I1	1268	Nowicki
la37	I2	1397	Pezzella
la38	I3	1196	Pezzella
la39	I4	1233	Nowicki
la40	I5	1222	Applegate

swv01	1418	1392 Kolonko
swv02	1475	Kolonko
swv03	1398	1370 Brinkkötter
swv04	1483	1450 Kolonko
swv05	1434	1421 Kolonko
swv06	1696	1591 Kolonko
swv07	1620	1447 Brinkkötter
swv08	1763	1641 Brinkkötter
swv09	1663	1605 Brinkkötter
swv10	1767	1632 Brinkkötter
swv11	3005	2983 Kolonko
swv12	3038	2972 Kolonko
swv13	3146	3104 Kolonko
swv14	2968	Kolonko
swv15	2940	2885 Kolonko
swv16	2924	Storer
swv17	2794	Storer
swv18	2852	Storer
swv19	2843	Storer
swv20	2823	Storer

yn1	827	888 Brinkkötter
yn2	862	909 Brinkkötter
yn3	828	893 Brinkkötter
yn4	919	968 Brinkkötter

Sources:

Applegate, D., W. Cook (1991), "A computational study of the job-shop scheduling instance." ORSA Journal on Computing 3, 149-156. (1991)

Brinkkötter, W. and P. Brucker, "Solving open benchmark instances for the job-shop problem by parallel head-tail adjustments." Journal of Scheduling 4-1, 53-64. (2001)

Kolonko, M. "Some new results on simulated annealing applied to the job shop scheduling problem." European Journal of Operational Research 113, 123-136. (1999)

Nowicki, E. and C. Smutnicki, "A Fast Taboo Search Algorithm for the Job Shop Problem." Management Science 42, 797-813. (1996)

Pezzella, F. and E. Merelli, "A tabu search method guided by shifting bottleneck for the job shop scheduling problem." European Journal of Operations Research 120-2, 297-310. (2000)

Storer, R.H., S.D. Wu, R. Vaccari, "New search spaces for sequencing instances with application to job shop scheduling." Management Science 38, 1495-1509. (1992)