

CLEVELAND, AS ALWAYS A RELIABLE PARTNER



Catalogue overview
Katalogprogramm









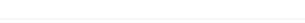

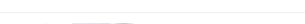
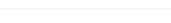
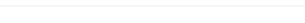


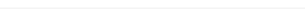
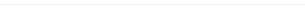

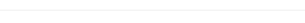

Drills

Spiralbohrer

		Standard	Type	List-No. Bestell-Nr. Metric	List-No. Bestell-Nr. Ins	Material	Surface* Oberfläche	Dia. (mm)	Dia. (ins)		
		DIN 1897	N	2103	2100	HSS	T3	1,00–30,00	3/32–1/2		
			XT 34	3768	3765	HSCo-8	T7	1,00–13,00	1/16–1/2		
			XT 36	2163		HSCo-8	T4	1,00–13,00	1/16–3/8		
	Welding-Point-Drill Schweißpunktbohrer	Factory Standar Werksnorm	N	2185		HSCo-8	T7	6,00–10,00			
	Sheet-Metal-Drill Blechbohrer		N	2343	2340	HSS	T3	3,00–6,00	3/32–1/4		
	NC-Spotting-Drill NC-Anbohrer		XT 35	2633		HSCo	T1	3,00–20,00			
		DIN 338	CLE-Force	3003	3000	HSS	T7	2,00–20,00	1/8–3/8		
			N	2003	2000	HSS	T3	0,30–20,00	3/64–1/2		
			N (Left hand)	2008	2005	HSS	T3	1,00–13,00	3/32–1/2	NEW	
			Cotter Pin	2073	2070	HSS	T3	1,00–20,00	1/16–1/2		
			Cotter Pin TOP	2038	2035	HSS	T4	1,00–13,00	3/32–1/2	NEW	
			W (High Helix)	2083	2080	HSS	T1	1,00–13,00	3/32–5/16	NEW	
			H (Low Helix)	2093	2090	HSS	T1	1,00–13,00	3/32–5/16	NEW	
			XT 34	3738	3735	HSCo-8	T7	1,00–13,00	3/32–1/2		
			XT 36	2063	2060	HSCo-8	T4	1,00–13,00	3/32–1/4		
			VHD	3713	3710	HSCo-8	T7	1,00–20,00	1/16–1/2		
			XT 33	2383	2380	HSCo-8	T7	1,00–13,00	1/8–1/2	NEW	
			XT 33	2398	2395	HSCo-8	T6	1,00–13,00	1/8–3/8	NEW	
	Carbide-Tipped HM-Bestückt		N	7613	7610	Carbide-Tipped HM-Bestückt	T1	2,00–20,00	3/32–1/2	NEW	
			DIN 340	N	2503	2500	HSS	T3	1,00–16,00	3/32–3/8	
				CTS22	3903	3902	HSS	T1	1,00–13,00	1/8–3/8	NEW
				XT 34	3773		HSCo-8	T7	1,00–13,00		
				XT 33	2583	2580	HSCo-8	T7	1,00–13,00	1/8–1/2	
		XT 33		2578		HSCo-8	T6	1,00–13,00		NEW	
	Carbide-Tipped HM-Bestückt	N		7623		Carbide-Tipped HM-Bestückt	T1	2,00–20,00		NEW	

Drills

Spiralbohrer

	Standard	Type	List-No. Bestell-Nr. Metric	List-No. Bestell-Nr. Ins	Material	Surface* Oberfläche	Dia. (mm)	Dia. (ins)	
	DIN 1869 / 1	N	2461		HSS	T3	2,00–13,00		
	DIN 1869 / 2	N	2462		HSS	T3	3,00–13,00		
	DIN 1869 / 3	N	2463		HSS	T3	4,00–13,00		
	DIN 1869 / 1	XT33	2481		HSCo	T2	2,00–13,00		NEW
	DIN 1869 / 2	XT33	2482		HSCo	T2	3,00–13,00		NEW
	DIN 1869 / 3	XT33	2483		HSCo	T2	4,00–13,00		NEW
		N	2853	2840	HSS	T3	1,50–5,00	1/16–3/16	
		N	2858	2845	HSS	T3	3,00–7,00	1/8–1/4	
	BS 328	N	2863	2890	HSS	T3	3,00–12,00	1/8–1/2	
		N	2868	2895	HSS	T3	5,00–13,00	1/8–1/2	
		N	2893		HSS	T3	5,00–13,00		
	Centre-Drill Zentrierbohrer	DIN 333	A	2663	2662	HSS	T1	1,00–8,00	BS1–BS5
		N	2608	2605	HSS	T3	6,00–60,00	1/4–1"	
	DIN 345	XT34	3718	3715	HSCo-8	T7	10,00–25,00	1/2–1"	
		XT36	3758		HSCo-8	T4	10,00–20,00		NEW
	Factory Standar Werksnorm	XT Mn Mangan	3748		HSCo-8	T7	10,00–40,00		
	DIN 1870 / 1	N	2851		HSS	T3	8,00–50,00		NEW
	DIN 1870 / 2	N	2852		HSS	T3	8,00–40,00		NEW
	Factory Standard Werksnorm	Radial	2619		HSS	T3	10,00–30,00		
	Factory Standard Werksnorm	Axial	2679		HSS	T3	10,00–30,00		

*T1 – Bright/ Blank, T2 – Nitrided Lands/ Fasennitrierung, T3 – Steam-Tempered/Dampfangelassen, T4 – TiN, T6 – TiAlN, T7 – Bronze

countersinks, reamers, twist drill set in box, taper router, screw extractor Senker, Reibahlen, Spiralbohrersätze in Kassette, Kegelfräshocher, Schraubenausdreher

		Standard	Type	List-No. Bestell-Nr. Metric	List-No. Bestell-Nr. Ins	Material	Surface* Oberfläche	Dia. (mm)	Dia. (ins)	
	Countersink Senker	DIN 335	90° Form C	5017		HSS	T1	8,00–31,00		
			90° Form C	5019		HSS	T4	10,00–31,00		NEW
			90° Form D	5021		HSS	T1	25,00–80,00		NEW
	Reamers Reibahlen	BS 328	B	4043	4040	HSS	T1	2,00–13,00	1/8–1/2	
		DIN 206	B	4198		HSS	T1	2,00–25,00		
		BS 328	B	4048	4045	HSS	T1	6,00–30,00	1/4–1	
			A		4125	HSS	T1		1/16–1/4	
		DIN 311			4208		HSS	T1	10,00–25,00	
	50 pcs. / 50 tlg.	DIN 338	N	2403-8400		HSS	T3	1,0–5,9/0,1		
	41 pcs. / 41 tlg.		N	2403-8403		HSS	T3	6,0–10,0/0,1		
	19 pcs. / 19 tlg.		N	2403-8406		HSS	T3	1,0–10,0/0,5		
	25 pcs. / 25 tlg.		N	2403-8410		HSS	T3	1,0–13,0/0,5		
	19 pcs. / 19 tlg.		Cotter Pin TOP	2038-8406		HSS	T4	1,0–10,0/0,5		NEW
	25 pcs. / 25 tlg.		Cotter Pin TOP	2038-8410		HSS	T4	1,0–13,0/0,5		NEW
	19 pcs. / 19 tlg.		XT 34	3733-8406		HSCo-8	T7	1,0–10,0/0,5		
	25 pcs. / 25 tlg.		XT 34	3733-8410		HSCo-8	T7	1,0–13,0/0,5		
	19 pcs. / 19 tlg.		CLE-Force	3403-8406		HSS	T7	1,0–10,0/0,5		
	25 pcs. / 25 tlg.		CLE-Force	3403-8410		HSS	T7	1,0–13,0/0,5		
	Taper Router Kegelfräshocher	Factory Standar Werksnorm		4244			T1	#1–#4		
	Screw Extractor Schraubenausdreher			0650			T1	#1–#8		

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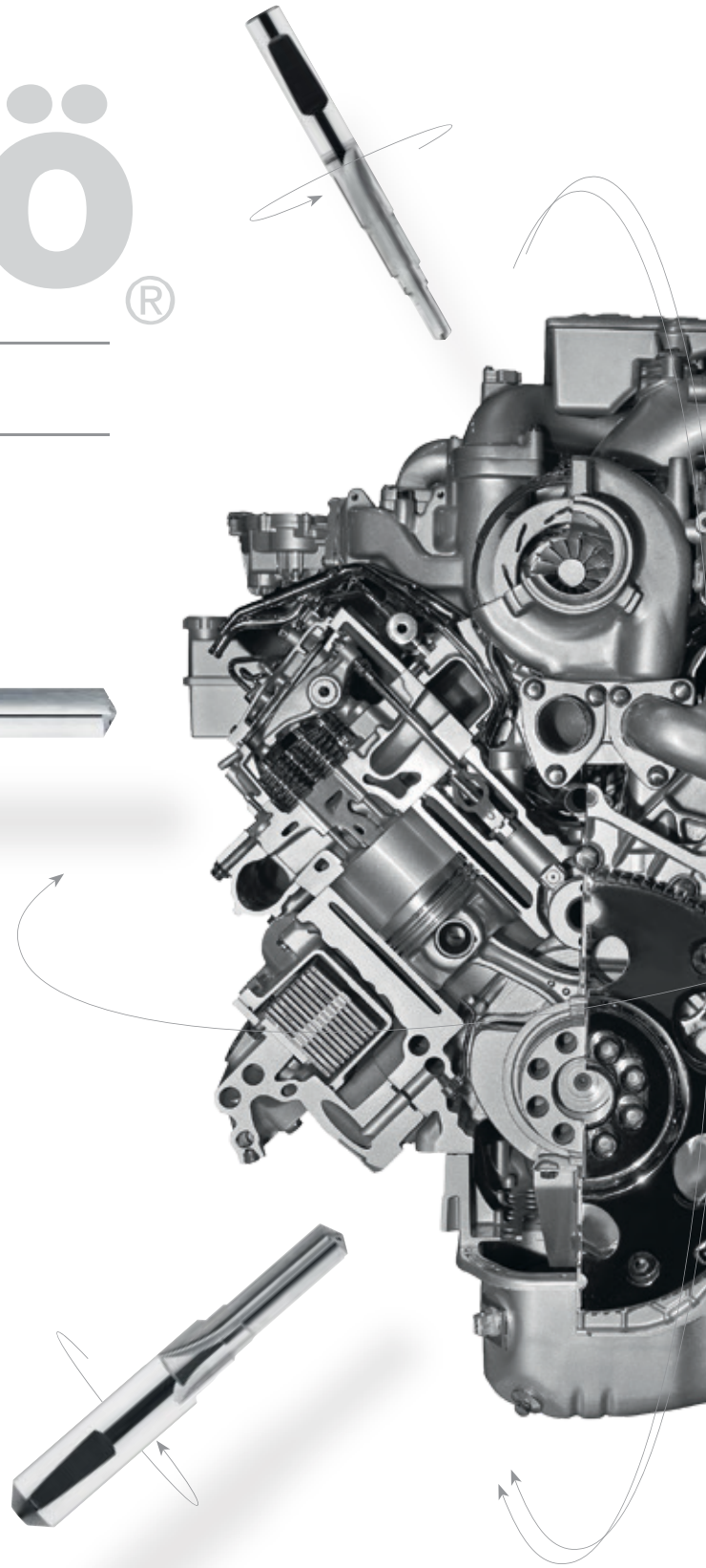
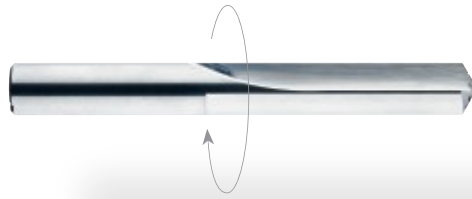
HIGH PERFORMANCE TOOLS



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