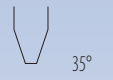
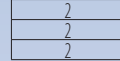
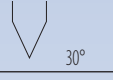
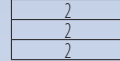

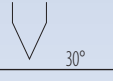
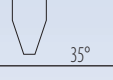
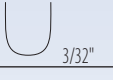
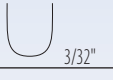
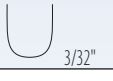



Duro TYPE	Federkraft MAIN SPRING Force du ressort	Norm STANDARD Norme	Anpresskraft CONTACT FORCE Force de pression	Eindringkörper INDENTOR SHAPE Poinçon	Messweg MEASUR. WAY Déplacement de mesure	Materialdicke MATERIAL THICKNESS Épaisseur du matériau	Messbereich MEASUR. RANGE Domaine de mesure unités	Anwendungsbereiche APPLICATION Domaine d'application
A	8,05 N (100 Durometer)	ASTM D 2240 ISO 868 ISO 7619-1	1000 g 1000 g 1000 g	 35°	2,5 mm	≥6 mm / 2+2+2 = 6 mm 	10...90 <20 Shore D	Weichgummi, Elastomere, Naturkautschuk SOFT RUBBER, PLASTICS + ELASTOMERS Caoutchouc mou, élastomères, etc.
D	44,5 N (100 Durometer)	ASTM D 2240 ISO 868 ISO 7619-1	5000 g 5000 g 5000 g	 30°	2,5 mm	≥6 mm / 2+2+2 = 6 mm 	10...90 >90 Shore A	Hartgummi, steife Thermoplaste HARD RUBBER, THERMOPLASTICS Caoutchouc dur, matières plastiques dures
AO	8,05 N (100 Durometer)	ISO 7619-1	1000 g	 Ø5 mm	2,5 mm	≥6 mm	<20 Shore A	Schäume, Lenkräder, Innenverkleidung KFZ FOAMS, STEERING WHEELS
B	8,05 N (100 Durometer)	ASTM D 2240	1000 g	 30°	2,5 mm	≥6 mm	10...90	Härtere Elastomere als Shore A HARDER ELASTOMERS AND PLASTICS Matériaux mi-durs
C	44,45 N (100 Durometer)	ASTM D 2240	5000 g	 35°	2,5 mm	≥6 mm	10...90	Mittelharte Elastomere MEDIUM HARD ELASTOMERS Plastiques et caoutchouc mi-dur
DO	44,45 N (100 Durometer)	ASTM D 2240	5000 g	 3/32"	2,5 mm	≥6 mm	10...90	Dicht-körnige Materialien, textile Gewebe DENSE GRANULAR MATERIAL, TEXTILE WINDINGS
O	8,05 N (100 Durometer)	ASTM D 2240	1000 g	 3/32"	2,5 mm	≥6 mm	10...90	Weiche Elastomere, textile Gewebe VERY SOFT ELASTOMERS, TEXTILE WINDINGS Matières molles, tissus textiles
OO	1,111 N (100 Durometer)	ASTM D 2240	400 g	 3/32"	2,5 mm	≥6 mm	10...90	Schaum-, Moos- und Zellgummi, menschl. Haut LIGHT FOAMS, SPONGE RUBBER GELS, HUMAN TISSUE Mousses et caoutchouc mousse, peau humaine
IRHD	Kraft FORCE Force du ressort		Druckplatte PRESS. PLATE Surface d'appui	 Ø0,395 mm				
Mikro MICRO Micro	① 8,3 mN ② 145,0 mN ③ 153,3 mN	DIN ISO 48 ASTM D 1415 ISO 48	235±30 mN		0,3 mm	1...5 mm	30...100 MICRO-IRHD	Kleine, dünne Materialien, O-Ringe SMALL, THIN MATERIALS, O-RINGS Petites pièces, joints toriques
Method N	5,7±0,03 N	DIN ISO 48 ISO 48	8,3±1,5 N	Ø2,5 mm	1,8 mm	8...10 mm	30...85 IRHD N	Für härtere Materialien ab 30 IRHD MATERIAL > 30 IRHD Matériaux plus durs
Method L	5,7±0,03 N	DIN ISO 48 ISO 48	8,3±1,5 N	Ø5 mm	1,1...0,099 mm	10...15 mm	10...35 IRHD L	Für weichere Materialien bis 35 IRHD FOR SOFT MATERIAL 10 TO 35 IRHD
Method H	5,7±0,03 N	ISO 48	8,3±1,5 N	Ø1 mm	0,44 mm	8...10 mm	85...100 IRHD H	Für harte Materialien von 85 bis 100 IRHD FOR HARD MATERIAL 85 TO 100 IRHD

Numbers are in German spelling. IRHD = International Rubber Hardness Degree

Durometer Classification